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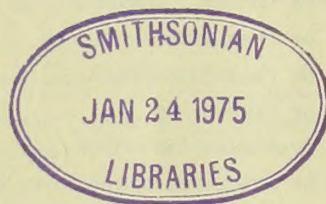
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 Schmidt et al. In re. 549 O. G. 4.
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 Wahl. In re. 549 O. G. 3.
 Walker et al. In re. 554 O. G. 534.
 Waugh. In re. 553 O. G. 3.

LIST OF PLANT PATENTEES FOR THE YEAR 1943

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Disclaimers follow in separate indexes, but precede the List of Plant Inventions

- Anderson, Frederic W., Merced, Calif. Plum. 573; Mar. 16.
Anderson, Frederic W., Merced, Calif. Nectarine. 575; Apr. 13.
Armstrong Nurseries, Inc. (See Crane, Morley B., assignor.)
Armstrong Nurseries, Inc. (See Weaver, George W., assignor.)
Armstrong Nurseries, Inc. (See Reinecke, John M., assignor.)
Bates, William H., Delhi, Calif. Peach tree. 604; Oct. 5.
Borner, Eugene S., assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 607; Nov. 23.
Byrum, Roy L., assignor to Joseph H. Hill Company, Richmond, Ind. Rose plant. 586; Feb. 23.
Byrum, Roy L., assignor to Joseph H. Hill Company, Richmond, Ind. Rose plant. 582; May 11.
Byrum, Roy L., assignor to Joseph H. Hill Company, Richmond, Ind. Rose plant. 600; Sept. 7.
Byrum, Roy L., assignor to J. H. Hill Company, Richmond, Ind. Rose plant. 601; Sept. 28.
Campbell, Robert, Grand Forks, British Columbia, Canada, assignor to Stark Bro's Nurseries and Orchards Company, Apple tree. 608; Nov. 23.
Columbia & Okanogan Nursery Company. (See Donahay, Herbert W., assignor.)
Conard-Pyle Company, The. (See Mallerin, Charles, assignor.)
Conard-Pyle Company, The. (See Meiland, Francis, assignor.)
Crane, Morley B., Merton Park, London, England, assignor to Armstrong Nurseries, Inc., Ontario, Calif. Blackberry plant. 571; Mar. 9.
De Vor, Paul, Pleasanton, Calif., assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 609; Mar. 2.
Dickson, Alexander, Jr., Newtonards, Belfast, Ireland, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 590; June 15.
Dillon, Glen O., Corona, Calif. Freestone peach. 572; Mar. 9.
Donahay, Herbert W., Yakima, assignor to Columbia & Okanogan Nursery Company, Wenatchee, Wash. Peach tree. 588; June 8.
Drain, Brooks D., assignor to The University of Tennessee Research Corporation, Knoxville, Tenn. Strawberry plant. 570; Mar. 2.
Elliott, John S., Madbury, N. H. Rose plant. 579; Apr. 27.
Fowler, George R., Marlboro, N. Y. Peach tree. 567; Feb. 23.
Fox, Carl B., Tulsa, Okla. Peach. 580; May 4.
Frazee, Earl N., Oceanside, Calif. Freesia variety. 609; Nov. 23.
Graf, Alfred E., assignor to Julius Roehrs Company, Rutherford, N. J. Rose plant. 606; Nov. 16.
Grullemans, John J., Painesville, assignor to The Wayside Gardens Company, Mentor, Ohio. Hypericum. 568; Mar. 2.
Grullemans, John J., Painesville, assignor to The Wayside Gardens Company, Mentor, Ohio. Aster. 584; May 18.
Hayes, Signa L., Fresno, Calif. Nectarine. 587; June 8.
Hazard, Bessie A. (See Hazard, Hugh D. and B. A.)
Hazard, Hugh D. and B. A., Monterey, assignors to G. C. Roeding, Jr., Niles, Calif. White fuchsia. 610; Dec. 7.
Hill, Joseph H., Company. (See Byrum, Roy L., assignor.)
Hoffman, Philip B., Marysville, Calif. Peach tree. 593; June 22.
Howard, Frederick H., Montebello, Calif. Rose plant. 581; May 4.
Jackson & Perkins Company. (See De Vor, Paul, assignor.)
Jackson & Perkins Company. (See Dickson, Alexander, Jr., assignor.)
Jackson & Perkins Company. (See Nicolas, Jean H., assignor.)
Jones, Charles S., Pasadena, Calif. Camellia. 605; Oct. 19.
Kellogg, R. M., Company, The. (See Mosnat, Hugo R., assignor.)
Krebs, Alfred, Montebello, assignor to E. E. Marsh, Pasadena, Calif. Rose. 577; Apr. 27.
Krebs, Alfred, Montebello, assignor to E. E. Marsh, Pasadena, Calif. Rose. 578; Apr. 27.
Laughlin, Cowden, Vashon, and L. McC. Laughlin, Bellingham, Wash. Lily plant. 602; Oct. 5.
Leckie, John S., Osoyoos, British Columbia, Canada. Peach. 592; June 15.
Mallerin, Charles, Varces, France, assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 594; July 13.
Mallerin, Charles, Varces, France, assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 595; July 13.
Mallerin, Charles, Varces, par Pont de Claix, France, assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 596; July 13.
Mallerin, Charles, Varces, France, assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 599; Aug. 24.
Marsh, Edward E. (See Krebs, Alfred, assignor.)
Martin, Charles A., Marthaville, La. Apple tree. 564; Jan. 5.
Meiland, Francis, Tassin-les-Lyon, France, assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 571; Mar. 16.
Meiland, Francis, Tassin-les-Lyon, France, assignor to The Conard-Pyle Company, West Grove, Pa. Rose plant. 591; June 15.
Mosnat, Hugo R., Belle Plaine, Iowa, assignor to The R. M. Kellogg Company, Three Rivers, Mich. Chrysanthemum plant. 598; Aug. 24.
Nicolas, Fannie, administratrix. (See Nicolas, Jean H.)
Nicolas, Jean H., deceased, by F. Nicolas, administratrix, assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 586; May 18.
Parmentier, John, Bayport, N. Y. Rose plant. 603; Oct. 5.
Reinecke, John M., San Diego, assignor to Armstrong Nurseries, Inc., Ontario, Calif. Avocado tree. 576; Apr. 20.
Roberts, Stanley B., Madison, N. J. Rose plant. 583; May 11.
Robinson, James W., Richmond, Calif. Camellia plant. 589; June 8.
Roeding, George C., Jr. (See Hazard, Hugh D. and B. A., assignors.)
Ruggeri, Peter, San Francisco, Calif. African violet. 597; Aug. 3.
Shannon, Wesley F., Hood River, Oreg., assignor to Stark Bro's Nurseries and Orchards Company. Pear tree. 585; May 18.
Stark Bro's Nurseries and Orchards Company. (See Shannon, Wesley F., assignor.)
University of Tennessee Research Corporation, The. (See Drain, Brooks D., assignor.)
Wayside Gardens Company, The. (See Grullemans, John J., assignor.)
Weaver, Annar L., administratrix. (See Weaver, George W.)
Weaver, George W., deceased, by A. L. Weaver, administratrix, assignor to Armstrong Nurseries, Inc., Ontario, Calif. Rose. 565; Jan. 19.

LIST OF PATENTEES

- A. B. T. Manufacturing Corp. (See Grau, Carl L., assignor.)
- A. B. T. Manufacturing Corp. (See Grunig, Bernhard C., assignor.)
- A.-G. für Optisch-mechanische Erfindungen. (See Hauser, Hans, assignor.)
- Aaberg, Harris A., Benson, Minn., and J. W. Heward, Three Oaks, Mich. Extracting device. 2,326,741; Aug. 17.
- Aamodt, Martin A. H., Oslo, Norway; vested in the Alien Property Custodian. Card index system, filing system, and the like. 2,312,302; Mar. 2.
- Aarestad, Selmer J. (See Aarestad, Stanley T., assignor.)
- Aarestad, Stanley T., assignor of one-half to S. J. Aarestad, McHenry, N. Dak. Oar structure for rowboats. 2,309,491; Jan. 26.
- Aaron, Moe I., Denver, Colo. Stencil cutting method and ribbon. 2,324,662; July 20.
- Aaron, William, Brooklyn, N. Y. Adapter for rotary cloth cutting machine blades. 2,334,235; Nov. 16.
- Aasland, John L., Moline, Ill., assignor to International Harvester Company. Corn picker construction. 2,333,080; Nov. 2.
- Abadie, Jean B. J. M., Puteaux, France; vested in the Alien Property Custodian. Low voltage luminescent tube. 2,331,881; Oct. 19.
- Abadie, Jean B. J. M., Puteaux, France; vested in the Alien Property Custodian. Fluorescent and phosphorescent tube. 2,333,085; Nov. 2.
- Abadijef, Ivan V., Worcester, Mass. Interval timer. 2,308,037; Jan. 12.
- Abax Corporation. (See Syboda, Antonin, assignor.)
- Abbas, William E. (See McCurdy, Horace L., assignor.)
- Abbate, Anthony A., Schenectady, N. Y., assignor to General Electric Company. Heat exchanger system. 2,332,882; Oct. 26.
- Abbe, Edward J., assignor to The Elwell-Parker Electric Company, Cleveland, Ohio. Winding apparatus. 2,325,211; July 27.
- Abel, Theodore E., South Dartmouth, assignor to Aerovox Corporation, New Bedford, Mass. Electrolytic cell. 2,309,563; Jan. 26.
- Abegg & Reinhold Company, Ltd. (See Abegg, Walter A., assignor.)
- Abegg & Reinhold Co. Ltd. (See Speckert, Siegfried, assignor.)
- Abegg, Walter A., assignor to Abegg & Reinhold Company, Ltd., Los Angeles, Calif. Interlocking wear sleeve for tool joints. 2,336,974; Dec. 14.
- Abbey, Edward A. (See Bixby, Harold S., assignor.)
- Abbot, Samuel L., doing business under the name of S. L. Abbot Company. (See Alman, James K., assignor.)
- Abbott, Albert E., Cleveland, and J. J. Rose, Lakewood, Ohio. Die-casting machine. 2,334,372; Nov. 16.
- Abbott, Albert L., assignor to Diebold Safe & Lock Company, Canton, Ohio. Armor plate manufacture. 2,324,808; July 20.
- Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Apparatus for loading sheath wire heating units. 2,319,573; May 18.
- Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Winding machine. 2,309,085; Jan. 26.
- Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Textile manufacture. 2,323,300; July 6.
- Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Forming dye packages. 2,334,165; Nov. 16.
- Abbott, Ernest J., assignor to Physicists Research Company, Ann Arbor, Mich. Tracer mechanism for investigating surface irregularities. 2,330,801; Oct. 5.
- Abbott, Frank R. (See Alee, Z. J., and Abbott.)
- Abbott, Frank R., San Diego, Calif., assignor to General Electric X-Ray Corporation, Chicago, Ill. Pump. 2,336,764; Dec. 14.
- Abbott, Gheen R., Baltimore, Md. Highway marker. 2,337,793; Dec. 28.
- Abbott, Harold A., Bendigo, Victoria, Australia. Barbed wire. 2,316,905; Jan. 19.
- Abbott, Henry H., Yonkers, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,314,187; Mar. 16.
- Abbott, Henry H., Yonkers, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,327,481; Aug. 24.
- Abbott Laboratories. (See Moore, Edmond E., assignor.)
- Abbott Laboratories. (See Raiziss, George W., assignor.)
- Abbott Laboratories. (See Riegel, B., and Smith, assignors.)
- Abbott Laboratories, et al. (See King, C. G., and White, assignors.)
- Abbott Laboratories. (See Tabern, Donalee L., assignor.)
- Abbott, Lester E., Valley Stream, and W. W. Werring, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Soldering method. 2,324,809; July 20.
- Abbott Machine Company. (See Abbott, Edward J., assignor.)
- Abbott, Perry L., Portland, Oreg. Nut grading and cracking machine. 2,307,656; Jan. 5.
- Abbott, Stanley C., Acton, London, England. Container for projectile fuses. 2,308,481; Jan. 19.
- Abbott, Stanley C., and A. G. Fletcher, Acton, London, England. Container for projectile fuses. 2,308,480; Jan. 19.
- Abbotts Dairies, Inc. (See Speirs, Richard J., assignor.)
- Abel, Gerhard. (See Trommsdorff, E., and Abel.)
- Abel, Paul, executor. (See Lillienfeld, Leon.)
- Abell, George L., Pitcairn, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Polarized-field generator. 2,320,841; June 1.
- Aber, Ernest F., Racine, Wis. Milling machine cherrying attachment. 2,322,408; June 22.
- Abercrombie, James S., Houston, Tex. System of reducing pressures. 2,316,383; Apr. 13.
- Abercrombie Pump Company. (See Allen, Herbert, assignor.)
- Abernathy, David W., assignor to Products Development, Inc., Chicago, Ill. Gaseous electric discharge device circuit. 2,326,597; Aug. 10.
- Abernathy, David W., assignor to Products Development, Inc., Chicago, Ill. Gaseous electric discharge device. 2,327,755; Aug. 24.
- Abernathy, David W., assignor to Products Development, Inc., Chicago, Ill. Lighting fixture. 2,332,770; Oct. 26.
- Abgarian, Aram. (See Simpson, H. W., and Abgarian.)
- Abington Textile Machinery Works. (See Goldsmith, William H., Jr., assignor.)
- Abplanalp, John, assignor to General Motors Corporation, Detroit, Mich. Repeat welder. 2,337,019; Dec. 21.
- Abram, Herbert, assignor to The Ruberoid Co., New York, N. Y. Shingle. 2,307,751; Jan. 12.
- Abram, Leonard G., Madison, P. G. Edwards, Verona, and R. D. Fracassi, Chatham, N. J., assignors to Bell Telephone Laboratories, Inc., New York, N. Y. Electric wave system. 2,326,742; Aug. 17.
- Abrahamson, Alfred W., Hempstead, N. Y. Scraping tool. 2,318,555; May 11.
- Abrahamson, Robert, Baldwin, Long Island, N. Y. Snap action switch. 2,332,883; Oct. 26.
- Abramowitz, William L., Lakewood, and R. M. Beach, Newark, assignors to National Oil Products Company, Harrison, N. J. Sulfurization. 2,313,611; Mar. 9.
- Abrams, Edith, et al. (See Bassist, Rudolph, assignor.)
- Abrams, Maurice, assignor of one-half to V. Schectman-Abrams, Newark, N. J. Brush. 2,310,186; Feb. 2.
- Abrams, Morris, et al. (See Whisk, Samuel, assignor.)
- Abrams, Morris, and G. Berger, Brooklyn, assignors to Arrow Fastener, Inc., New York, N. Y. Stapling device. 2,312,142; Feb. 23.
- Abrams, Victor R., Maplewood, N. J., assignor to The Roto Shaver, Inc., New York, N. Y. Shaving apparatus. 2,314,264; Mar. 16.
- Abrams, Victor R., Maplewood, N. J. Pumping device. 2,317,166; Apr. 20.
- Abramsen, Gudrun, administratrix. (See Abramsen, Peter B.)
- Abramsen, Peter B., deceased, by G. Abramsen, Dormont, Pa., administratrix. Cross roll apparatus. 2,319,785; May 25.
- Abramson, Aaron, New Orleans, La. Apparatus for utilization of liquefied petroleum gases. 2,335,837; Nov. 30.
- Abramson, Abraham, assignor to Raylite Trading Company, Inc., New York, N. Y. Apparatus for making ornamental material. 2,335,219; Nov. 23.
- Abramson, Alvin A., assignor to Central States Paper & Bag Company, St. Louis, Mo. Container. 2,316,384; Apr. 13.
- Abramson, Alvin A., and C. Manthey, assignors to Central States Paper & Bag Company, St. Louis, Mo. Container-making machine. 2,319,099; May 11.
- Abramson, Elmer D., Clayton, assignor to Central States Paper & Bag Company, St. Louis, Mo. Container. 2,316,385; Apr. 13.
- Abramson, Harry L., Idaho Falls, Idaho. Turkey saddle. 2,310,825; Feb. 9.
- Abramson, John H., and E. C. Swanson, assignors to Greenlee Bros. & Co., Rockford, Ill. Ground rod pusher. 2,327,616; Aug. 24.
- Abrasive Company. (See Fischer, John F., assignor.)
- Abrasive Products, Inc. (See Hackett, Robert W., assignor.)
- Abrihat, Marcel M. B., Vincennes, France; vested in the Alien Property Custodian. Treating materials. 2,313,007; Mar. 2.
- Abson, Gene, assignor to Chicago Testing Laboratory, Inc., Chicago, Ill. Depilating carcasses. 2,331,364; Oct. 12.
- Abson, Gene, assignor to Chicago Testing Laboratory, Inc., Chicago, Ill. Depilating material. 2,331,365; Oct. 12.

- Accessories Corporation. (See Wicks, John D., assignor.)
 Aceo Products, Inc. (See Brennan, Daniel A., assignor.)
 Aceo Products, Inc. (See Brennan, D. A., and Zwickel, assignors.)
 Aceo Products, Inc. (See Kern, Emil, assignor.)
 Accola, Alfred. (See Gearhart, Glenn D., assignor.)
 Ace Carton Corporation. (See Berg, Edward C., assignor.)
 Ace Carton Corporation. (See Scott, Edward C., assignor.)
 Ace Engineering Co. (See Ravenshoeck, Fred, assignor.)
 Ace Patents Corporation. (See Hooker, D. E., and Livingston, assignors.)
 Acheson Colloids Corporation. (See Reynolds, Morris W., assignor.)
 Acker, Harold L., Hollywood, assignor to W. P. Fuller & Co., San Francisco, Calif. Calking compound. 2,325,726; Aug. 3.
 Acker, Ralph E., Detroit, Mich. Valve gauge. 2,323,508; July 6.
 Ackerman, Chester W., Ashland, assignor of one-half to D. W. Lacy, Lakewood, Ohio. Outlet receptacle and wall plug therefor. 2,312,017; Feb. 23.
 Ackerman, Francis R., Euclid, and W. Isler, Cleveland Heights, Ohio. Drift. 2,332,881; Oct. 26.
 Ackerman, Harold S., assignor to Hubbard and Company, Pittsburgh, Pa. Control apparatus. 2,327,690; Aug. 24.
 Ackerman, James E., Devon, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Strip tensioning device for sewing machines. 2,325,538; Nov. 30.
 Ackerman, Virgil D., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston expander. 2,316,210; Apr. 13.
 Ackerman, Virgil D., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston expander. 2,317,577; Apr. 27.
 Ackerman, William A., Lansdowne, and W. S. Bonnell, Oakmont, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Production of isobutane. 2,317,241; Apr. 20.
 Ackley, Percy A., Manhattan Beach, Calif. Opener for sliding doors. 2,331,681; Nov. 3.
 Ackley, Robert A., assignor to Republic Flow Meters Company, Chicago, Ill. Ring balance meter. 2,331,153; Oct. 5.
 Acme Broom Company. (See Bohnenblust, Alvin A.)
 Acme Gear & Machine Company. (See Kahl, John O., assignor.)
 Acme Machine Tool Company, The. (See Wetzel, Theodore A., assignor.)
 Acme Steel Company. (See Childress, William C., assignor.)
 Acme Steel Company. (See Hunter, Joseph L., assignor.)
 Acme Steel Company. (See MacChesney, Chester M., assignor.)
 Acme Steel Company. (See Morse, Lulan S. and Charles W., assignors.)
 Acme Steel Company. (See Orr, John E., assignor.)
 Acme Steel Company. (See Wilson, Allen B., assignor.)
 Acme Steel & Machine Iron Works, Inc. (See Parker, Frank O., assignor.)
 Acme Visible Records, Inc. (See Hall, Marchand B., assignor.)
 Acme Visible Records, Inc. (See Hopkins, Harry J., assignor.)
 Acme Visible Records, Inc. (See Rakow, Melvin H., assignor.)
 Acomb, Frederic G., Watchung, N. J. Magazine frame. 2,332,545; Oct. 26.
 Acosta, John, assignor of one-half to M. J. Cook, Syracuse, N. Y. Fuel economizer. 2,336,598; Aug. 10.
 Acosta, Miguel B., Los Angeles, Calif. Article holder. 2,334,740; Nov. 23.
 Acousticwall Limited. (See Rankin, Kenneth S., assignor.)
 Acquistapace, Dante, et al. (See Hawkins, Hoke M., assignor.)
 Aerolein Corporation. (See Herstein, Karl M., assignor.)
 Acrotorque Company, The. (See Fuller, Ernest W., assignor.)
 Acrotorque Company, The. (See Fuller, E. W., and Morgensen, assignors.)
 Acrotorque Company, The. (See Orshansky, Elias, Jr., assignor.)
 Acrotorque Company, The. (See Orshansky, E., Jr., and Pond, assignors.)
 Aes, John A. Jr., assignor of fifty-one one-hundredths to E. M. Braun and A. W. Bond, Buffalo, N. Y. Warning indicator for the instrument panels of airplanes and the like. 2,337,535; Dec. 28.
 Aetiengesellschaft Joh. Jacob Rieter & Cie. (See Oetili, J., and Hess, assignors.)
 Actino Laboratories, Inc. (See Gilman, M. A., and Anderson, assignors.)
 Acton, Russel D. (See Johnson, A. E. W., and Acton.)
 Acton, Russel D., Chicago, Ill., assignor to International Harvester Company, A. I. cleaner. 2,337,728; Dec. 28.
 Acuff, William S., Jr., Horsham Township, Montgomery County, assignor to Keasbey & Mattison Company, Ambler, Pa. Insulation. 2,330,941; Oct. 5.
 Adair, James E., Chicago, Ill., assignor to Colorgraphic Incorporated. Cornice for windows. 2,315,033; Mar. 30.
 Adair, Samuel E. (See Basquin, O. H., and Adair.)
 Adair, Thomas W., Houston, Tex. Packing. 2,309,154; Jan. 28.
 Adair, Thomas W., Houston, Tex. Pump. 2,312,228; Feb. 23.
 Adam, Frank, Electric Company. (See Adam, Frederick B., assignor.)
 Adam, Frank, Electric Company. (See Adam, F. B., and Stieglitz, assignors.)
 Adam, Frank, Electric Company. (See Green, Floyd S., assignor.)
 Adam, Frank, Electric Company. (See Stieglitz, Henry M., assignor.)
 Adam, Frederick B., St. Louis County, assignor to Frank Adam Electric Company, St. Louis, Mo. Enclosed switch. 2,310,918; Feb. 16.
 Adam, Frederick B., St. Louis County, assignor to Frank Adam Electric Company, St. Louis, Mo. Bus duct. 2,310,919; Feb. 16.
 Adam, Frederick B., St. Louis County, and H. M. Stieglitz, St. Louis, Mo. Circuit breaker. 2,328,767; Sept. 7.
 Adam, Frederick B., St. Louis County, and H. M. Stieglitz, assignors to Frank Adam Electric Company, St. Louis, Mo. Circuit interrupting and protecting device. Re. 22,266; Feb. 16.
 Adam, Louis D., Ponca City, Okla., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Fish lure. 2,307,478; Jan. 5.
 Adam, Louis D., Ponca City, Okla., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Fishing lure. 2,310,026; May 11.
 Adams, Arthur H., Jr., assignor to Colorspace Patent Corporation, Newark, N. J. Knitting machine. 2,308,580; Jan. 10.
 Adams, Benjamin F., assignor to Armstrong Cork Company, Lancaster, Pa. Adhesive. 2,313,114; Mar. 9.
 Adams, Bert N., Queens Village, N. Y. Battery. 2,322,210; June 22.
 Adams, Charles C., Jr., Croton on Hudson, N. Y. Pipe fitting. 2,308,482; Jan. 19.
 Adams, Charles D., Pomona, Calif. Recovery of sodium sulphate. 2,333,138; Nov. 2.
 Adams, Charles O., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Laminated structure. 2,331,531; Oct. 12.
 Adams, Charles H., assignor to Cone Automatic Machine Company Inc., Windsor, Va. Safety mechanism. 2,326,423; Aug. 10.
 Adams Company, The. (See Adams, Philip, assignor.)
 Adams, Everett E., Chicago, Ill., and H. M. Pfleger, St. Louis, Mo. Railway car truck. 2,314,644; Mar. 23.
 Adams, Floyd W., South Gate, Calif., assignor to United States Gypsum Company, Chicago, Ill. Shingle counting device. 2,311,627; Feb. 23.
 Adams, Frederick W., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Fining of glass. 2,330,324; Sept. 28.
 Adams, Frederick W., Pittsburgh, Pa., and W. H. Lyeon, Milwaukee, Wis., assignors to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Plastics. 2,316,146; Apr. 13.
 Adams, Frederick W., Pittsburgh, and M. L. Deval, Wilkensburg, Pa., assignors to Pittsburgh Plate Glass Company. Apparatus for surfacing glass. 2,337,435; Dec. 21.
 Adams, Gale L., Los Angeles, and R. G. Barlow, Whittier, Calif., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for separating the constituents of petroleum emulsions. 2,337,291; Dec. 21.
 Adams, George R., Los Angeles, Calif. Lavatory lock. 2,315,102; Mar. 30.
 Adams, Guy E., Bellerose, assignor to Cutting Room Appliances Corporation, New York, N. Y. Spreading machine. 2,337,430; Dec. 21.
 Adams, Harold E., assignor to Nash Engineering Company, South Norwalk, Conn. Pump controlling mechanism. 2,317,091; Apr. 20.
 Adams, Harry K., Grand Coulee, Wash. Ventilator. 2,326,765; Dec. 14.
 Adams, Henry H. (See Clifford, W. J., and Adams.)
 Adams, Hubert W., assignor of one-third to V. M. Briggs, Charleston, Ill. Animal trap. 2,311,920; Apr. 13.
 Adams, J. D., Manufacturing Company. (See McGlade, Wayne H., assignor.)
 Adams, James F., Wilmington, Del., assignor to General Chemical Company, New York, N. Y. Retarding absorption. 2,322,409; June 22.
 Adams, James L., Jr., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Welding apparatus and welding. 2,335,894; Dec. 7.
 Adams, James L., Jr., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Welding apparatus. 2,335,895; Dec. 7.
 Adams, John F., Washington, D. C. Clasp or related article. 2,325,212; July 27.
 Adams, John T. (See Pascher, Guy S., assignor.)
 Adams, Loyd, Maywood, assignor to Calavo Growers of California, Los Angeles, Calif. Method and means for precooling contents or refrigerating cars. 2,323,439; July 6.

- Adams, Lytle S., Irwin, Pa., assignor to All American Aviation, Inc., Wilmington, Del. Airplane pickup and delivery shock absorbing construction. 2,334,979; Nov. 23.
- Adams, Marshall B., Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Demonstration set. 2,317,124; Apr. 20.
- Adams, Paul G. (See Lewis, R. H., and Adams.)
- Adams, Paul G., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lock type reset device. 2,313,908; Mar. 16.
- Adams, Paul L., assignor to Carr, Adams & Collier Company, Dubuque, Iowa. Window. 2,326,743; Aug. 17.
- Adams, Philip, assignor to The Adams Company, Dubuque, Iowa. Fireplace screen. 2,313,496; Mar. 9.
- Adams, Pierrepont. (See Swain, R. C., and Adams.)
- Adams, Raymond W., Bound Brook, N. J. Cementitious product. 2,335,722; Nov. 30.
- Adams, Richard C., East Cleveland, and H. H. Woodworth, South Euclid, assignors to The Sherwin-Williams Company, Cleveland, Ohio. Display apparatus. 2,317,336; Apr. 20.
- Adams, Richard C., East Cleveland, and H. H. Woodworth, South Euclid, assignors to The Sherwin-Williams Company, Cleveland, Ohio. Display cabinet. 2,317,337; Apr. 20.
- Adams, Roger, Urbana, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dihydroisobenzofurans and preparing them. 2,325,727; Aug. 3.
- Adams, Ross C. (See Hurrey, R. C., and Adams.)
- Adams, Warren M., Kokomo, Ind., assignor to The Union Switch and Signal Company, Swissvale, Pa. Receiving apparatus for communication systems. 2,334,468; Nov. 16.
- Adams, William P., Cleveland Heights, Ohio. Hob. 2,310,826; Feb. 9.
- Adams, Zibah B., Clinton, Mo. Educational device. 2,316,144; Apr. 13.
- Adamson Machine Company, The. (See Dawes, F. L., and Stratton, assignors.)
- Adamson, Nicholas F., assignor to Twin Disc Clutch Company, Racine, Wis. Air cooled transmission. 2,325,647; Aug. 3.
- Adamson, Nicholas F., assignor to Twin Disc Clutch Company, Racine, Wis. Friction clutch. 2,330,856; Oct. 5.
- Adamson, Seth, Jr., assignor to United States Rubber Company, New York, N. Y. Electrically conductive fabric. 2,327,756; Aug. 24.
- Adamson, Emil G., Chicago, Ill. Toothbrush. 2,312,828; Mar. 2.
- Adamski, Michael T., Sahleam, assignor of one-half to J. R. Kennedy, Belsize Park, London, England. Propeller. 2,337,881; Dec. 28.
- Addis, Rexford H., Dearborn, Mich. Rivet gauge. 2,311,323; Feb. 16.
- Addison, Harry W., Jr., Marshall, Minn. Automatic control for fluid transmissions. 2,313,187; May 4.
- Addlechurch, Roy T., McKees Rocks, Pa. Attachment for flush tanks. 2,331,580; Oct. 12.
- Addonizio, Joseph A., Brooklyn, N. Y. Garment. 2,312,860; Apr. 19.
- Addressograph-Multigraph Company. (See Curtis, Franklin E., assignor.)
- Addressograph-Multigraph Corporation. (See Davies, Albert E., assignor.)
- Addressograph-Multigraph Corporation. (See Gollwitzer, Walter T., assignor.)
- Adel Precision Products Corp. (See Ellinwood, Herman R., assignor.)
- Adel Precision Products Corp. (See Morehouse, Eugene M., assignor.)
- Adel Precision Products Corp. (See Peters, Paul S., assignor.)
- Adel Precision Products Corp. (See van der Werf, Jacob B., assignor.)
- Adelman, Arthur, Chesaning, Mich. Discharger for pyrotechnic cartridges. 2,307,009; Jan. 5.
- Adelson, David E., Berkeley, and H. Dannenberg, assignors to Shell Development Company, San Francisco, Calif. Polymerizing unsaturated resinophoric compounds by action of ultraviolet light in conjunction with beta substituted naphthalene derivatives. 2,326,736; Aug. 17.
- Adelson, David E., and H. Dannenberg, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Manufacture of high polymers of allyl type halides. 2,331,869; Oct. 12.
- Aden, John F., Hazard, Neb. Topping knife. 2,332,683; Oct. 26.
- Adix, H. Victor, et al. (See Allen, Charles L., assignor.)
- Adkins, Glen O., Hamlin, W. Va. Outlet box cover and fixture support. 2,321,640; June 15.
- Adkins, Homer, Madison, Wis. Hydrogenating lignin. 2,331,154; Oct. 5.
- Adkison, James H. (See Lyons, O. W., and Adkison.)
- Adlake Company, The. (See Larson, Carl H., assignor.)
- Adlake Company, The. (See Seivson, Harry D., assignor.)
- Adlake Company, The. (See Verhagen, Christian M., assignor.)
- Adam, Thomas Napier, West Orange, N. J., assignor to Sarcro Company, Inc., New York, N. Y. Steam and water mixing device. 2,335,250; Nov. 30.
- Adler, Benjamin H., Chicago, Ill. Changeable letter sign. 2,313,723; Mar. 16.
- Adler, Benjamin H., Chicago, Ill. Changeable letter sign. 2,313,724; Mar. 16.
- Adler, Benjamin H., Chicago, Ill. Sign. 2,319,910; May 25.
- Adler, Charles, Jr., Baltimore, Md. Flasher switch. 2,311,921; Feb. 23.
- Adler, Charles, Jr., Baltimore, Md. Landing indicator. 2,316,751; Apr. 20.
- Adler, Edward R. (See Elias, Frederick R., assignor.)
- Adler, Elizabeth, New York, N. Y. Artificial eyelash elongation. 2,324,271; July 13.
- Adler, Herman P., Detroit, assignor to Novi Equipment Company, Novi, Mich. Governor structure. 2,319,654; May 18.
- Adler, Herman G., Detroit, assignor to Novi Equipment Company, Novi, Mich. Governor structure. 2,330,657; Sept. 28.
- Adler, Orville E., Niles, Mich., assignor to National-Standard Company. Coated wire. 2,323,890; July 13.
- Adler, Orville E., and M. J. Krimowitz, Niles, Mich., assignors to National Standard Company. Copper clad wire and preparing the same. 2,317,350; Apr. 27.
- Adlington, George S., Putney Hill, London, assignor to Rayold Manufacturing Company Limited, London, England. Treating a product produced from cellulose derivative material. 2,310,272; Feb. 9.
- Adney, Adrian P., assignor to American-Marsh Pumps, Inc., Battle Creek, Mich. Discharge valve for pumps. 2,319,574; May 18.
- Adney, Adrian P., and P. D. Barton, assignors to American-Marsh Pumps, Inc., Battle Creek, Mich. Priming device for pumps. 2,322,910; June 29.
- Adnagna, Philip, New York, N. Y. Zigzag sewing machine attachment for stitching gloves and the like. 2,332,480; Oct. 19.
- Adrian, Harry J., Stevens Point, assignor to Consolidated Water Power and Paper Company, Wisconsin Rapids, Wis. Coating paper. 2,313,497; Mar. 9.
- Adrian, Manuel, San Jose, Calif. Conveyer. 2,310,920; Feb. 16.
- Adrianson, Alfred L., Racine, Wis. Screening machine. 2,307,098; Jan. 5.
- Advance Engineering Company. (See Faulkner, Willard L., assignor.)
- Advance Machine Co. (See Gebert, A. E., and Black, assignors.)
- Advance Solvents and Chemicals Corporation. (See Mack, Gerry, assignor.)
- Aegerter, Gustave W., St. Louis, Mo. Cigarette package. 2,325,022; July 27.
- Aegler, Hermann, Biel, assignor to the firm Rolex Watch Co. Ltd., Geneva, Switzerland. Tight winding device for watches. 2,309,428; Jan. 26.
- Aerial Products, Inc. (See Gironx, Guy E., assignor.)
- Aero Inventions Inc., et al. (See Danforth, Louis D., assignor.)
- Aero Metal Products Corporation. (See Dodeghe, Carl, assignor.)
- Aero Publishers, Inc. (See Baughman, Harold E., assignor.)
- Aero Research Limited. (See de Bruyne, N. A., and Rayner, assignors.)
- Aero Supply Mfg. Co. Inc. (See Downey, George T., assignor.)
- Aero Survey Corporation. (See Cooke, Hereward L., assignor.)
- Aero Survey Corporation. (See Cooke, H. L., and Harnwell, assignors.)
- Aeromatic Sales & Service, Inc. (See Bircher, Richard, assignor.)
- Aerovox Corporation. (See Abeel, Theodore E., assignor.)
- Aerovox Corporation. (See Mantell, Russell M., assignor.)
- Aerovox Corporation. (See Waterman, Herbert, assignor.)
- Aeschlimann, John A., Riehen, near Basel, Switzerland, assignor to Hoffman-La Roche, Inc., Nutley, N. J. Trimethyl-hydroquinone condensation product and the manufacture of same. 2,307,010; Jan. 5.
- Aetna Standard Engineering Company, The. (See Matteson, Elwin A., assignor.)
- Aetna Standard Engineering Company, The. (See Matteson, E. A., and Strock, assignors.)
- Aetna Standard Engineering Company, The, et al. (See Rodder, W., and Hopkins, assignors.)
- Aetna-Standard Engineering Company, The. (See Taylor, Clarence L., assignor.)
- Aga-Baltic Aktiebolag. (See Alexandersson, H. V., and Dahlstedt, assignors.)
- Aga-Baltic Aktiebolag. (See Granqvist, Carl-Erik, assignor.)
- Aga-Baltic Radio Aktiebolag. (See Alexandersson, H. V., and Granqvist, assignors.)
- Aga-Baltic Radio Aktiebolag. (See Hermansson, Adolf H., assignor.)
- Agee, Sidney A., Fort Worth, Tex. Awning structure. 2,327,614; Aug. 24.
- Agens, Maynard C., Schenectady, N. Y., assignor to General Electric Company. Resinous composition. 2,319,575; May 18.

- Agents, Maynard C. Schenectady, N. Y., assignor to General Electric Company. Peroxidized ester. 2,319,576; May 18.
- Aghnides, Elle P., New York, N. Y. Ash tray. 2,316,831; Apr. 20.
- Aghnides, Elle P., New York, N. Y. Fluid mixing device. 2,316,832; Apr. 20.
- Agide Laboratories, Inc. (See Van der Pyl, Edward, assignor.)
- Agnew, George D., Kingston, Ontario, Canada. Welding apparatus. 2,310,015; Feb. 2.
- Agnew, Mary W. (See Rossard, Gilbert L., assignor.)
- Agnew, Norman F. (See Hirschman, G. W., and Agnew.)
- Agnew, Norman F. (See Hines, C. M., and Agnew.)
- Agnew, Norman F., Wilkensburg, Pa. Electrical fence charging apparatus. 2,333,224; Nov. 2.
- Agnew, Norman F., and W. P. Place, Wilkensburg, Pa. Electrical fence charging apparatus. 2,316,211; Apr. 13.
- Agriculture of the United States of America, Claude R. Wickard, and to his successors in office, Secretary of. (See Ritz, Lewis W., assignor.)
- Agriculture of the U. S. or America, Claude R. Wickard and his successors in office, Secretary of. (See Gerlier, S. I., and Haller, assignors.)
- Agriculture of the U. S. of America, Claude R. Wickard, and to his successors in office, Secretary of. (See Goodhue, L. D., and Sullivan, assignors.)
- Agriculture of the United States of America, Claude R. Wickard, and to his successors in office, Secretary of. (See Horner, G. M., and Naufiger, assignors.)
- Agriculture of the United States of America, Claude R. Wickard, and to his successors in office, Secretary of. (See La Forge, F. E., and Haller, assignors.)
- Agriculture of the United States of America, Secretary of. (See Markwardt, Lorraine J., assignor.)
- Agriculture of the United States of America, Claude R. Wickard, and to his successors in office, Secretary of. (See Reed, Jesse O., assignor.)
- Agriculture of the United States of America, Henry A. Wallace, and to his successors in office, Secretary of. (See Sherrard, E. C., and Harris, assignors.)
- Agriculture of the United States of America, Henry A. Wallace, and to his successors in office, Secretary of. (See Stamm, A. J., and Seborg, assignors.)
- Agriculture of the United States of America, Claude R. Wickard, and to his successors in office, Secretary of. (See Ward, G. E., and Talcott, assignors.)
- Agriculture of the United States of America, Claude R. Wickard, and his successors in office, Secretary of. (See Whitlock, Howard W., assignor.)
- Agriculture of the United States of America, Claude R. Wickard, and to his successors in office, Secretary of. (See Willaman, J. J., Woodward, and Badgett, assignors.)
- Aguirre, William P. (See De Vry, I., and Aguirre.)
- Aguirre, George J. (See Stinson, J. W., and Aguirre.)
- Ahern, Richard L. (See Donelson, W. W., and Ahern.)
- Ahern, Edward T., New Haven, Conn. Expandible collapsing plug apparatus. 2,309,429; Jan. 26.
- Ahern, Edward T., New Haven, Conn. Cleaning process for urinal metal traps. 2,311,196; Feb. 16.
- Ahern, Edward T., New Haven, Conn. Cleaning process for urinal traps located below the floor level. 2,311,197; Feb. 16.
- Ahern, Frank J., Mentor-on-the-Lake, Ohio. Apparatus for hot dip coating of metals. 2,332,978; Oct. 26.
- Ahlberg, Henry B., West Hartford, assignor to The Gray Manufacturing Company, Hartford, Conn. Louver construction. 2,316,541; Apr. 13.
- Ahlberg, Jacob E. (See Lee, E. C., and Ahlberg.)
- Ahlberg, Jacob E. (See Thomas, C. L., and Ahlberg.)
- Ahlport, Brodie E., Los Angeles, Calif. Preventing reverse flow from branch lines to supply mains. 2,328,118; Aug. 31.
- Ahlskog, Ernst, Chicago, Ill. Vibratory machine. 2,309,689; Feb. 2.
- Ahne, Otto, Dresden, Germany; vested in the Allen Property Custodian. Apparatus for forming filter plugs adapted to be introduced into cigarette paper tubes. 2,307,906; Jan. 12.
- Ahnström, Erik G., Staket, Sweden. Darning machine. 2,326,744; Aug. 17.
- Ahrndt, Arthur H., assignor to U. S. Slicing Machine Company, La Porte, Ind. Bread slicer. 2,315,761; Apr. 6.
- Aiazzone, Remo. (See Reenstierna, Gustaf L., assignor.)
- Aiken, Andrew J., Cleveland, Ohio. Apparatus for producing seamless tubes. 2,309,690; Feb. 2.
- Aikman, Burton S., Wilkensburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Air compressor. 2,319,911; May 25.
- Aikman, Burton S., Wilkensburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure control mechanism. 2,326,911; Aug. 17.
- Ailes, Elwood R., Johnstown, Pa. Vaporizer. 2,329,506; Sept. 14.
- Aiman, James K., Livermore, assignor to S. L. Abbot, doing business under the name of S. L. Abbot Company, San Francisco, Calif. Injector. 2,336,522; Dec. 14.
- Aims, Joseph F. (See Polin, H. S., and Aims.)
- Air Associates Incorporated. (See Junger, Henry G., assignor.)
- Air Associates Incorporated. (See Thompson, Clifford F., assignor.)
- Air Balance Instrument Co. (See Sutcliffe, F. C., and Ashley, assignors.)
- Aircraft-Marine Products, Inc. (See Buchanan, Stephen N., assignor.)
- Aircraft Screw Products Company. (See Caminez, Harold, assignor.)
- Aircraft Screw Products Company. (See Evans, Neil, assignor.)
- Aircraft Screw Products Company. (See Haas, O., and Hawkins, assignors.)
- Aircraft Screw Products Company. (See Haas, O., and Paluseo, assignors.)
- Aircraft Screw Products Company. (See Hood, James B., assignor.)
- Aircraft Specialties. (See McDonough, Edward W., assignor.)
- Aircraft Tools Inc. (See Perlman, Glenn W., assignor.)
- Aircraft Tools Inc. (See Weaver, Walter W., assignor.)
- Air-Tool Mfg. Company, The. (See Hagen, Grover F., assignor.)
- Air Gas Company, The. (See Humrichouse, Walter E., and D. B., assignors.)
- Airmaster Corporation. (See Hueglin, Herman C., assignor.)
- Airmate Systems, Inc. (See Weigle, Walter L., assignor.)
- AIRMA Corporation. (See Kelsey, R. A., and Wright, assignors.)
- Air Preheater Corporation, The. (See Cooper, Roland S., assignor.)
- Air Preheater Corporation, The. (See Lundstrom, Ernest A., assignor.)
- Air Preheater Corporation, The. (See Yerrick, W. D., and Lundstrom, assignors.)
- Air Reduction Company. (See Anderson, James L., assignor.)
- Air Reduction Company. (See Balcar, Frederick R., assignor.)
- Air Reduction Company. (See Deming, George M., assignor.)
- Air Reduction Company. (See Dennis, Wolcott, assignor.)
- Air Reduction Company. (See Forgett, Valmore, assignor.)
- Air Reduction Company. (See Heidbrink, Jay A., assignor.)
- Air Reduction Company, Inc. (See Hoover, Charles O., assignor.)
- Air Reduction Company. (See Hughey, H. G., and Walker, assignors.)
- Air Reduction Company. (See Kreischman, Joseph, assignor.)
- Air Reduction Company. (See Roake, Robert M., assignor.)
- Air Reduction Company. (See Yoch, August H., assignor.)
- Air-Way Electric Appliance Corporation. (See Dow, D. M., assignor.)
- Air-Way Electric Appliance Corporation. (See Dow, D. M., Burch, and Lindberg, assignors.)
- Air-Way Electric Appliance Corporation. (See Dow, D. M., and Welles, assignors.)
- Air-Way Electric Appliance Corporation. (See Latta, Lynn H., assignor.)
- Air-Way Electric Appliance Corporation. (See Lindberg, Carl A., assignor.)
- Aitchison, Robert E., Grasmere, C. W. Swartout, and V. C. Williams, Kenmore, N. Y., assignors to The Linde Air Products Company. Mineral cutting and piercing. 2,327,482; Aug. 24.
- Aitchison, Robert B., Grasmere, Staten Island, and C. J. Burch, Kenmore, N. Y., assignors to The Linde Air Products Company. Apparatus for rock piercing and similar operations. 2,327,483; Aug. 24.
- Aiton & Company Limited. (See Aiton, John A., assignor.)
- Aiton, John A., assignor to Aiton & Company Limited, Derby, England. Apparatus for distilling liquids. 2,324,663; July 20.
- Ajux Electric Furnace Corporation. (See Wyatt, James R., assignor.)
- Ajax Manufacturing Company, The. (See Criley, William W., assignor.)
- Ajax Manufacturing Company, The. (See Gaines, Frederick W., 3d, assignor.)
- Ajax Manufacturing Company, The. (See Gaines, F. W., and Ehrlert, assignors.)
- Ajax Manufacturing Company, The. (See Gaines, F. W., 3rd, and Ehrlert, assignors.)
- Ajclat, Davis J., and J. L. Moore, deceased, Atlanta, Ga. S. A. Moore, executrix, Decatur, assignors to The Auto-Soler Company, Atlanta, Ga. Machine for uniting layers of materials. 2,315,382; Mar. 30.
- Akana, Joseph K., Honolulu, Hawaii. Hat marker. 2,337,023; Dec. 21.
- Akelaitis, Joseph M., Baltimore, Md. Photometric device. 2,333,759; Nov. 9.
- Akemann, Theodore H. (See Brown, Bernard J., assignor.)
- Aken, James N., Rome, assignor to General Cable Corporation, New York, N. Y. Electrical conductor. 2,335,097; Nov. 23.

- Aker, Evender S., Belleville, N. J. Universal joint. 2,319,027; May 11.
- Akers, Charles W., Nashville, Tenn. Molding apparatus. 2,313,716; Mar. 16.
- Akin, Charles C. (See Danforth, Louis D., assignor.)
- Akin, George H., et al. (See Akin, John H., assignor.)
- Akin, George H., assignor to Eastman Kodak Company, Rochester, N. Y. Lens. 2,336,207; Dec. 7.
- Akin, John H., assignor of one-third to A. A. Dealy and one-third to G. H. Akin, Ames, Iowa. Bowling ball grip. 2,314,811; Mar. 23.
- Akins, Jake, assignor of one-half to A. A. Dorman, Statesboro, Ga. Propeller. 2,320,451; June 1.
- Akins, Jake, assignor of one-half to A. A. Dorman, Statesboro, Ga. Screw turbine. 2,334,302; Nov. 16.
- Akins, Jake, assignor of one-half to A. A. Dorman, Statesboro, Ga. Pipe marking and cutting gauge. 2,337,957; Dec. 28.
- Akron Brass Manufacturing Company. (See Glessner, Donald P., assignor.)
- Akron Brass Manufacturing Company. (See Grant, Jordon W., assignor.)
- Akron Lamp & Manufacturing Company, The. (See Calaway, Kenneth G., assignor.)
- Akron-Selle Company. (See Howser, John B., assignor.)
- Akron Standard Mold Company, The. (See Bostwick, Henry C., assignor.)
- Aksomitas, William C., assignor to Hartford-Empire Company, Hartford, Conn. Cooling nozzle for tempering hollow glassware. 2,309,290; Jan. 26.
- Aktiebolaget Atlas Diesel. (See Camner, Hilding G., assignor.)
- Aktiebolaget Atlas Diesel. (See Thege, Edwin O. P., assignor.)
- Aktiebolaget Bofors, et al. (See Claesson, Martin A., assignor.)
- Aktiebolaget Elektrisk Malmetning. (See Nørgaard, Gunnar, assignor.)
- Aktiebolaget Elektroliu. (See Zetterstrom, C. G., and Eli, assignors.)
- Aktiebolaget Fäklippings Verkstäder. (See Styren, Nils O. H., assignor.)
- Aktiebolaget Esso Skandinaviska Companiet för Utrikes-handel. (See Tigerstedt, Tor G., assignor.)
- Aktiebolaget Facit. (See Carlstrom, Bengt, assignor.)
- Aktiebolaget Formator. (See Granstedt, Karl E., assignor.)
- Aktiebolaget Gerh. Arehns Mekaniska Verkstad. (See Danielson, Paul, assignor.)
- Aktiebolaget Gerh. Arehns Mekaniska Verkstad. (See Östström, Gustaf, assignor.)
- Aktiebolaget Götaverken. (See Johansson, Johan E., assignor.)
- Aktiebolaget Imo-Industrl. (See Montelius, Carl O. J., assignor.)
- Aktiebolaget Linham. (See Frank, Otto E., assignor.)
- Aktiebolaget Regulus. (See Hultman, John F., assignor.)
- Aktiebolaget Rosenblads Patent. (See Rosenblad, Curt F., assignor.)
- Aktiebolaget Snabb Av År 1938. (See Rehnberg, Per H. E., assignor.)
- Aktiebolaget Standard Radiofabrik, et al. (See Claesson, Martin A., assignor.)
- Aktiebolaget Svenska Räcklinga. (See Elsner, N. A., and Holmqvist, assignors.)
- Aktiebolaget Svenska Kullagerfabriken. (See Björkbom, Carl H., assignor.)
- Aktiebolaget Svenska Kullagerfabriken. (See Fernstrom, Gustav W., assignor.)
- Aktiebolaget Svenska Kullagerfabriken. (See Hjörpe, E. G., and Schöberg, assignors.)
- Aktiengesellschaft Brown Boveri & Cie. (See Baumann, Adolf, assignor.)
- Aktiengesellschaft Brown, Boveri & Cie. (See Halm, Alfred, assignor.)
- Aktiengesellschaft Brown, Boveri & Cie. (See Jonas, Julius, assignor.)
- Aktiengesellschaft Brown, Boveri & Cie. (See Meldahl, Axel, assignor.)
- Aktiengesellschaft Brown, Boveri & Cie. (See Meyer, Hans, assignor.)
- Aktiengesellschaft Brown, Boveri & Cie. (See Meyerhans, A., and Schärli, assignors.)
- Aktiengesellschaft Brown, Boveri & Cie. (See Pfenniger, Hans, assignor.)
- Aktiengesellschaft Brown, Boveri & Cie. (See Pranti, Franz, assignor.)
- Aktiengesellschaft Brown, Boveri & Cie. (See Sippel, Claude, assignor.)
- Aktiengesellschaft Brown, Boveri & Cie. (See Thommen, Hans, assignor.)
- Aktiengesellschaft Brown Boveri & Cie. (See Thommen, H., and Halm, assignors.)
- Aktiengesellschaft Brown, Boveri & Cie. (See Waldvogel, Paul, assignor.)
- Aktiengesellschaft Brown, Boveri & Cie. (See Zschokke, Hans, assignor.)
- Aktiengesellschaft der Eisen- und Stahlwerke vormals Georg Fischer. (See von Zelewsky, O., Kunzi, assignors.)
- Aktiengesellschaft fuer Technische Studien. (See Keller, Curt, assignor.)
- Aktiengesellschaft Oederlin & Co. (See Schütz, Edwin, assignor.)
- Alabrune, Francois, Chicago, Ill. Mechanical movement. 2,319,485; May 18.
- Alain, Josephat, Three Rivers, Quebec, Canada. Ignition apparatus. 2,307,007; Jan. 5.
- Alava y Sautu, Emilio, Vitoria, Spain. Apparatus for signaling the decrease of pressure of pneumatic tires. 2,314,965; Mar. 30.
- Alban, Clarence F., Pontiac, and S. R. Hood, assignors to W. M. Chace Company, Detroit, Mich. Electrical resistor of thermostatic laminated metal. 2,317,018; Apr. 20.
- Albany Felt Company. (See Gordon, Carlton C., assignor.)
- Albany Felt Company. (See Neville, George A., assignor.)
- Alben, Frank L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Midget locomotive. 2,333,504; Nov. 2.
- Albers, Fritz, Leverkusen-Wiesdorf, A. Frohlich and W. Schneider, Dessau, and E. Trabert, Leverkusen-Wiesdorf, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Avoiding color fog on photographic color material. 2,309,492; Jan. 26.
- Albers, Fritz, Leverkusen-Wiesdorf, and A. Allendörfer, Leverkusen-I. G. Werk, Germany, assignors by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Adhesive. 2,319,102; May 11.
- Albers, John R., assignor to Winchager Corporation, Sioux City, Iowa. Auxiliary wind electric system for prime movers. 2,329,675; Sept. 14.
- Albers, Milo H., Wichita, Kans. Winding reel for maps or the like. 2,324,453; July 13.
- Albersheim, Walter J., Great Neck, N. Y., assignor to Western Electric Company, Incorporated. Vibration translating system. 2,310,048; Feb. 2.
- Albersheim, Walter J., Great Neck, N. Y., assignor to Western Electric Company, Incorporated. Sound record and reproducing system. 2,310,049; Feb. 2.
- Albert, Alan D., Fairfield, assignor to Bridgeport Brass Company, Bridgeport, Conn. Pneumatic valve. 2,309,430; Jan. 26.
- Albert, Felix, Montreal, Quebec, Canada. Sliding sash window construction. 2,332,979; Oct. 26.
- Albertine, Herman, Rutherford, assignor to Rogers Products Co., Inc., Jersey City, N. J. Viscosimeter. 2,331,284; Oct. 12.
- Alberty, Fred J. (See Drake, E. P., Alberty, and Kagley.)
- Albi Chemical Corporation. (See Ritter, Ludwig, assignor.)
- Albin, Frederick G. (See Thompson, W. S., and Albin.)
- Albin, Frederick G., Los Angeles, Calif., assignor to Radio Corporation of America. Sound recording and reproduction. 2,337,958; Dec. 28.
- Albin, Joseph, New York, N. Y. Brush bag holder. 2,308,666; Jan. 19.
- Albion, Henry R., Atlanta, Ga. Condiment holder. 2,323,246; Aug. 31.
- Albrecht, E., & Son Co. (See Albrecht, Robert E., assignor.)
- Albrecht, Gilmon F., Madison, Wis. Beverage vending machine. 2,336,382; Dec. 7.
- Albrecht, Otto. (See Graenacher, C., Sallmann, and Albrecht.)
- Albrecht, Otto, Neue Welt, near Basel, and R. Sallmann, Basle, assignors to Society of Chemical Industry in Basle, Basle, Switzerland. Condensation products and preparing same. 2,337,220; Dec. 21.
- Albrecht, Robert E., assignor to E. Albrecht & Son Co., St. Paul, Minn. Cleaning fur coats. 2,316,386; Apr. 13.
- Albrecht, Robert E., assignor to E. Albrecht & Son Co., St. Paul, Minn. Making fur coats. 2,316,387; Apr. 13.
- Albrecht, Walter M., assignor to Chain Belt Company, Milwaukee, Wis. Sprocket chain lubrication. 2,336,913; Dec. 14.
- Albree, George N., Winchester, Mass. Implement for removing detonated primers. 2,314,115; Mar. 16.
- Albree, George N., Winchester, Mass. Projectile for firearms. 2,324,346; July 13.
- Albree, George N., Winchester, Mass. Projectile. 2,324,551; July 20.
- Albree, George N., Winchester, Mass. Projectile. 2,332,980; Oct. 26.
- Albree, George N., Winchester, Mass. Firearm. 2,337,145; Dec. 21.
- Albright, Albert M., Detroit, Mich. Match package holder or the like. 2,314,265; Mar. 16.
- Albright, Charles L., Beverly, Mass., assignor to Sylvania Electric Products Inc. Apparatus for coating fluorescent lamps. 2,322,211; June 22.
- Albright, Charles L., Beverly, Mass., assignor to Sylvania Electric Products Inc. Cathode coating machine. 2,329,024; Sept. 7.
- Albright, Charles L., Beverly, Mass., assignor to Sylvania Electric Products Inc. Apparatus for coating fluorescent lamps. 2,337,740; Dec. 28.
- Albright, John C., assignor to The Dole Valve Company, Chicago, Ill. Welding device. 2,330,658; Sept. 28.
- Alburger, James R., Merion, Pa., assignor to Radio Corporation of America. Photographic reversal process. 2,314,380; Mar. 23.

- Alburger, James R., Merlon, Pa., assignor to Radio Corporation of America. Photographic fixing bath. 2,321,337; June 8.
- Alburger, James R., Merlon, Pa., assignor to Radio Corporation of America. Photographic developer. 2,321,348; June 8.
- Alexandria Division of Publication Corporation. (See Blaauwer, H., and Cahn, assignors.)
- Alex Valve Company. (See Lube, John E., assignor.)
- Alex Valve Company. (See Macbougall, Franklin M., assignor.)
- Alcock, John F. (See Richards, H. R., and Alcock.)
- Alcorn Combustion Company. (See Lyster, Roy S., assignor.)
- Alcorn Combustion Company. (See Praeger, Frank H., assignor.)
- Alcott, David W., Newark, N. J. Liquid measuring and indicating apparatus and system therefor. 2,330,857; Oct. 5.
- Aldaba, Vicente, Manila, Philippine Islands; vested in the Allen Property Custodian. Fiber spinning apparatus. 2,330,537; Sept. 28.
- Aldison, George W., assignor to American Cabinet Hardware Corp., Rockford, Ill. Hinge construction and making same. 2,315,488; Apr. 6.
- Aldison, Godar W., and E. Dorchers, assignors to American Cabinet Hardware Corporation, Rockford, Ill. Catch operator. 2,321,724; June 15.
- Alden, Herbert W. (See Spitzer, W. R., Alden, and Spitzer.)
- Alden, Herbert W., assignor to The Timken Detroit Axle Company, Detroit, Mich. Motor vehicle. 2,309,432; Jan. 26.
- Alden, Herbert W., assignor to The Timken Detroit Axle Company, Detroit, Mich. Steering drive axle. 2,333,911; Nov. 9.
- Alden, Herbert W., L. R. Buckendale, and R. K. Super, assignors to The Timken Detroit Axle Company, Detroit, Mich. Brake mechanism. 2,337,070; Dec. 21.
- Alden, Milton, Brockton, Mass. Electrical socket. 2,313,212; Mar. 9.
- Alden, Milton, Brockton, Mass. Electrical socket. 2,318,912; May 11.
- Alder, Ellen. (See Bricksen, Emil, assignor.)
- Alder, Kurt, Cologne-Deutz, and H. F. Richter, Cologne-on-the-Rhine, Germany; vested in the Allen Property Custodian. Condensation product. 2,336,268; Dec. 7.
- Alderfer, Sterling W., Fairlawn, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for manufacturing continuous rubber articles. 2,308,940; Jan. 19.
- Alderfer, Sterling W., Akron, Ohio. Cutter for citrus fruits. 2,321,725; June 15.
- Alderfer, Sterling W., assignor of one-half to Edward D. Andrews, Akron, Ohio. Manufacturing thread. 2,321,726; June 15.
- Alderfer, Sterling W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Elastic novelty yarn. 2,321,689; July 20.
- Alderfer, Sterling W., Fairlawn, and H. W. Greenup, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Making rubber thread. 2,321,975; July 20.
- Alderman, Van V., Arden, and D. D. Coffman, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Acyl isothiocyanate and polymer thereof. 2,327,985; Aug. 31.
- Alderson, Will L., Jr., and P. R. Austin, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of amino acids. 2,328,940; Sept. 7.
- Aldrich, Loyd I., Wyoming, Ill. Oil burner blower housing. 2,316,542; Apr. 13.
- Aldrich, Loyd I., Wyoming, Ill. Water heater. 2,318,913; May 11.
- Aldrich, Wilfred O., Mount Lebanon, Pa., assignor to The American Steel and Wire Company of New Jersey. Portable mat. 2,313,211; Mar. 9.
- Alessandri, Alessandro, Milan, Italy; vested in the Allen Property Custodian. Ignition magneto. 2,322,094; June 20.
- Alex, Anastasius G. (See Sargent, E. H., and Alex.)
- Alexide, Hermes, Brooklyn, N. Y. Candle lamp and wick holder therefor. 2,324,753; July 6.
- Alexander Drill Company. (See Birnbaum, Richard E.)
- Alexander, Donald F., and R. E. Gould, Oakwood, and J. R. Hornaday, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,317,622; Feb. 23.
- Alexander, Emmett L., and A. W. Braithwaite, assignors to The George E. Failing Supply Company, Enid, Okla. Rat-hole drilling attachment for rotary drilling rigs. 2,314,323; Mar. 23.
- Alexander, Felix J. (See Joseph, Felix A.)
- Alexander, Ford L., Whittier, assignor to Lane-Wells Company, Los Angeles, Calif. Casing gun. 2,328,247; Aug. 31.
- Alexander, George H., Machinery Limited. (See Ball, Edgar D., assignor.)
- Alexander, George P. (See Walker, R. M., and Alexander.)
- Alexander, Johan W. (See van Lammeren, J. A., and Alexander.)
- Alexander, John M., Lincoln, Nebr. Liquid dispensing mechanism. 2,336,382; Dec. 7.
- Alexander, Paul, Huyton, near Liverpool, England. Apparatus for deposition of metals by thermal evaporation in vacuum. 2,322,613; June 22.
- Alexander, Philip, Brooklyn, N. Y. Mixing device. 2,330,774; Sept. 28.
- Alexander, Robert O., Pawtucket, R. I., assignor to United States Rubber Company, New York, N. Y. Deposited latex articles. 2,318,057; May 11.
- Alexander, Samuel, Hartford, Conn. Steering wheel cover. 2,309,374; Jan. 26.
- Alexander, Samuel T., assignor of one-third to P. E. Richardson, Los Angeles, Calif. Door check. 2,318,041; May 4.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric drive. 2,312,061; Feb. 23.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric drive. 2,312,062; Feb. 23.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric drive. 2,315,489; Apr. 6.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric drive. 2,315,490; Apr. 6.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Electric drive. 2,315,491; Apr. 6.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Speed control arrangement for induction clutches. 2,333,458; Nov. 2.
- Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Television system and operation. 2,333,969; Nov. 9.
- Alexanderson, Harald V., Lidingo, and C.-E. Granqvist, assignors to Axa Baltic Radio Aktiebolag, Stockholm, Sweden. Remote control system. 2,320,096; June 8.
- Alexanderson, Harald V., and A. S. Dahlstedt, Lidingo, assignors to Axa Baltic Aktiebolag, Stockholm, Sweden. Induction compass. 2,331,460; Nov. 16.
- Alexay, Adalbert, Schenectady, N. Y., assignor to General Electric Company. Shaver. 2,309,431; Jan. 26.
- Alexay, Adalbert, Schenectady, N. Y., assignor to General Electric Company. Shaver. 2,318,351; May 4.
- Alfery, Henry F., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Safety shutoff and control device. 2,318,136; May 4.
- Alfery, Henry F., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermoelectric safety shutoff device. 2,321,119; June 8.
- Alfery, Henry F., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Burner control apparatus. 2,322,410; June 22.
- Alfery, Henry F., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Burner control apparatus. 2,329,682; Sept. 14.
- Alfol Insulation Company. (See Grassick, Donald D., assignor.)
- Alfol Insulation Company. (See Turner, C., and Brady, assignors.)
- Alford, Andrew, New York, N. Y., assignor to Federal Telephone and Radio Corporation. Ultra short wave beacon. 2,307,184; Jan. 6.
- Alford, Andrew, New York, N. Y., assignor to Federal Telephone & Radio Corporation. Electronic beacon modulator. 2,310,202; Feb. 9.
- Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Broad band antenna. 2,327,485; Aug. 24.
- Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Phase shifter. 2,335,732; Nov. 20.
- Alframine Corporation. (See Mauersberger, Ernst A., assignor.)
- Algarsson Engineering Company Limited. (See Algarsson, Grettir, assignor.)
- Algarsson, Grettir, assignor to Algarsson Engineering Company Limited, Montreal, Quebec, Canada. Variable pitch air-screw. 2,313,795; Mar. 16.
- Alger, Leon J., Grand Forks, N. Dak. Trial frame. 2,317,873; Apr. 27.
- Algin Corporation of America. (See Le Gloahac, Victor C. E., assignor.)
- Algoma Net Company. (See Anderegg, Joseph C., assignor.)
- Allen Property Custodian. (See Aamodt, Martin A. H.)
- Allen Property Custodian. (See Abadie, Jean B. J. M.)
- Allen Property Custodian. (See Aribat, Marcel M. B.)
- Allen Property Custodian. (See Ahne, Otto.)
- Allen Property Custodian. (See Aldaba, Vicente.)
- Allen Property Custodian. (See Alder, K., and Rickert.)
- Allen Property Custodian. (See Alessandri, Alessandro.)
- Allen Property Custodian. (See Allstätt, Erich.)
- Allen Property Custodian. (See Alma, G. H. P., Strutt, and van der Ziel.)
- Allen Property Custodian. (See Amiot, Félix.)
- Allen Property Custodian. (See Andresen, Halvor T. H.)
- Allen Property Custodian. (See André, Henri G.)
- Allen Property Custodian. (See Andrien, Robert.)
- Allen Property Custodian. (See Anschütz, Robert.)
- Allen Property Custodian. (See Anschütz, R., and Gröschel.)
- Allen Property Custodian. (See Anschütz, R., and Schmidt.)

- Alien Property Custodian. (See Anxionnaz, R., and Imbert, assignors.)
 Alien Property Custodian. (See Auchter, Rudolph.)
 Alien Property Custodian. (See Audubert, Ludovic.)
 Alien Property Custodian. (See Auwärter, M., Jedeke, and Ruthardt.)
 Alien Property Custodian. (See Baagøe, Anthon J.)
 Alien Property Custodian. (See Back, Oskar.)
 Alien Property Custodian. (See Bähring, Herbert.)
 Alien Property Custodian. (See Bähring, H., and Muler.)
 Alien Property Custodian. (See Bailly, André.)
 Alien Property Custodian. (See Bailly, Armand.)
 Alien Property Custodian. (See Bakos, George.)
 Alien Property Custodian. (See Baldwin, Philip S.)
 Alien Property Custodian. (See Balz, M., and Kosche.)
 Alien Property Custodian. (See Barde, Emilien.)
 Alien Property Custodian. (See Barényi, Béla.)
 Alien Property Custodian. (See Barényi, B., and Wilfert.)
 Alien Property Custodian. (See Bargeboer, Adolf.)
 Alien Property Custodian. (See Barthelmes, Otto.)
 Alien Property Custodian. (See Bary, Paul.)
 Alien Property Custodian. (See Basler, Hermann.)
 Alien Property Custodian. (See Baumbach, Georg.)
 Alien Property Custodian. (See Baur, Paul.)
 Alien Property Custodian. (See Becht, Walter.)
 Alien Property Custodian. (See Becker, Albert.)
 Alien Property Custodian. (See Becker, Arthur.)
 Alien Property Custodian. (See Becker, Carlheinz.)
 Alien Property Custodian. (See Becker, Oskar W.)
 Alien Property Custodian. (See Becker, Peter.)
 Alien Property Custodian. (See Becker, Rudolf.)
 Alien Property Custodian. (See Bednář, Cenek.)
 Alien Property Custodian. (See Beeg, Hermann, and Weichert.)
 Alien Property Custodian. (See Benmann, Rudolf.)
 Alien Property Custodian. (See Benecke, Heinrich.)
 Alien Property Custodian. (See Bengner, Erwin.)
 Alien Property Custodian. (See Berger, H., and Heriger.)
 Alien Property Custodian. (See Bergmann, Armin, assignor.)
 Alien Property Custodian. (See Bergtold, Fritz.)
 Alien Property Custodian. (See Berlek, Josef.)
 Alien Property Custodian. (See Bernard, Jean.)
 Alien Property Custodian. (See Bertele, Ludwig.)
 Alien Property Custodian. (See Bertram, K., and Lemmerich.)
 Alien Property Custodian. (See Bortram, Simon H.)
 Alien Property Custodian. (See Bestian, H., and Schürmann.)
 Alien Property Custodian. (See Bethenod, Joseph.)
 Alien Property Custodian. (See Bethenod, J., and Ro-card.)
 Alien Property Custodian. (See Beyer, Werner K. R.)
 Alien Property Custodian. (See Beyer, Wilhelm.)
 Alien Property Custodian. (See Biederbeck, H., and Fischer.)
 Alien Property Custodian. (See Bieler, Hermann.)
 Alien Property Custodian. (See Bieltz, Friedrich.)
 Alien Property Custodian. (See Bierlee, Frederik F.)
 Alien Property Custodian. (See Billig, Karl.)
 Alien Property Custodian. (See Binder, Richard.)
 Alien Property Custodian. (See Biniek, G., and Langner.)
 Alien Property Custodian. (See Blanchard, Paul L. C.)
 Alien Property Custodian. (See Blumenfeld, Joseph.)
 Alien Property Custodian. (See Boedeker, K., and Winckley.)
 Alien Property Custodian. (See Bohner, G., Wendt, and Eggert.)
 Alien Property Custodian. (See Boissou, Pierre.)
 Alien Property Custodian. (See Bolk, Willem.)
 Alien Property Custodian. (See Borgward, Carl.)
 Alien Property Custodian. (See Borgward, Carl F. W.)
 Alien Property Custodian. (See Bortini, Franco.)
 Alien Property Custodian. (See Böttger, Vero.)
 Alien Property Custodian. (See Boucke, Heinz.)
 Alien Property Custodian. (See Bouwers, Albert.)
 Alien Property Custodian. (See Brandel, S., and Perrot.)
 Alien Property Custodian. (See Bremer, H., and Krones.)
 Alien Property Custodian. (See Brenner, Paul.)
 Alien Property Custodian. (See Brenner, Wilhelm.)
 Alien Property Custodian. (See Bresson, Charles.)
 Alien Property Custodian. (See Brudal, Holger.)
 Alien Property Custodian. (See Bugze, Günther.)
 Alien Property Custodian. (See Buschleke, W., and Zambusch.)
 Alien Property Custodian. (See Butter, Karl.)
 Alien Property Custodian. (See Büttner, Hugo.)
 Alien Property Custodian. (See Campodonico, Carlo.)
 Alien Property Custodian. (See Cantacuzene, Georges S.)
 Alien Property Custodian. (See Capay, Norberto.)
 Alien Property Custodian. (See Chénneau, Louis J. J.-B.)
 Alien Property Custodian. (See Cito, Camillo.)
 Alien Property Custodian. (See Clar, C., Kuhnle, and Geiser.)
 Alien Property Custodian. (See Claudot, A., and Mark.)
 Alien Property Custodian. (See Cohn, Henry.)
 Alien Property Custodian. (See Conrad, Richard.)
 Alien Property Custodian. (See Conrad, Victor.)
 Alien Property Custodian. (See Conrady, Hans.)
 Alien Property Custodian. (See Conrady, O., and Zollner.)
 Alien Property Custodian. (See Cordes, Hugo.)
 Alien Property Custodian. (See Cotal, Jean.)
 Alien Property Custodian. (See Couffignal, Pierre L.)
 Alien Property Custodian. (See Cowler, Pierre.)
 Alien Property Custodian. (See Crapez, Jules.)
 Alien Property Custodian. (See Czellitzer, Robert.)
 Alien Property Custodian. (See Dalotel, Maurice A.)
 Alien Property Custodian. (See d'Angremont, A., and Schrieke.)
 Alien Property Custodian. (See Daumiller, G., and Hoffmann.)
 Alien Property Custodian. (See Décalion, Maurice.)
 Alien Property Custodian. (See Decker, Gustav.)
 Alien Property Custodian. (See Decker, G., and Riedel.)
 Alien Property Custodian. (See de Groot, Jan.)
 Alien Property Custodian. (See de Kadt, George S.)
 Alien Property Custodian. (See de Király, P., and Kucher.)
 Alien Property Custodian. (See de Koning, Jacob.)
 Alien Property Custodian. (See de Lange, C., and Boucher.)
 Alien Property Custodian. (See de Langen, Lambertus H.)
 Alien Property Custodian. (See Delchef, Georges.)
 Alien Property Custodian. (See de Muyser, Alfred.)
 Alien Property Custodian. (See de Nooij, Jan C., and Bleibler.)
 Alien Property Custodian. (See Derungs, Ernest A.)
 Alien Property Custodian. (See Descos, Marius.)
 Alien Property Custodian. (See Dewandre, Albert.)
 Alien Property Custodian. (See Dielt, Heinrich.)
 Alien Property Custodian. (See Diecher, Wilhelm.)
 Alien Property Custodian. (See Dietrich, Friedrich R.)
 Alien Property Custodian. (See Dohle, Hinrich.)
 Alien Property Custodian. (See Dorn, Walter.)
 Alien Property Custodian. (See Dornauf, Josef.)
 Alien Property Custodian. (See Dornier, Claude.)
 Alien Property Custodian. (See Dronizke, E., and Schüler.)
 Alien Property Custodian. (See Durrstein, Martin.)
 Alien Property Custodian. (See Durr, Ludwig.)
 Alien Property Custodian. (See Duwe, August.)
 Alien Property Custodian. (See Ebel, F., and Pyzik.)
 Alien Property Custodian. (See Eberhardt, Georg.)
 Alien Property Custodian. (See Edenburg, Josef.)
 Alien Property Custodian. (See Ehrenberg, Hermann.)
 Alien Property Custodian. (See Ehrenhaft, Viktor.)
 Alien Property Custodian. (See Ehresmann, A., and Streibel.)
 Alien Property Custodian. (See Ehrlich, Josef.)
 Alien Property Custodian. (See Eichinger, Philippe E. H.)
 Alien Property Custodian. (See Elze, Wilhelm.)
 Alien Property Custodian. (See Endres, Gunther.)
 Alien Property Custodian. (See Endres, Peter.)
 Alien Property Custodian. (See Engel, Walter and N.)
 Alien Property Custodian. (See Erdmann, Konrad.)
 Alien Property Custodian. (See Esnault-Pelterie, Robert.)
 Alien Property Custodian. (See Esseling, L. A. L., and van Geel.)
 Alien Property Custodian. (See Faure, A. and Antoine.)
 Alien Property Custodian. (See Feldmann, Artur.)
 Alien Property Custodian. (See Fermazin, Walter.)
 Alien Property Custodian. (See Fernier, Bernard M. H. P.)
 Alien Property Custodian. (See Ferrari, D., and Torresi.)
 Alien Property Custodian. (See Fiedler, H., Heimig, and Liesegang.)
 Alien Property Custodian. (See Fiedler, S. O. A., and Austerwell.)
 Alien Property Custodian. (See Fink, H., and Plepp.)
 Alien Property Custodian. (See Fink, H., Rath, and Hofstadt.)
 Alien Property Custodian. (See Finzi, Umberto.)
 Alien Property Custodian. (See Fischlmayr, Hans.)
 Alien Property Custodian. (See Fischlowsky, Kurt.)
 Alien Property Custodian. (See Flechsig, Werner.)
 Alien Property Custodian. (See Fleischer, S. S. C., and Hansen.)
 Alien Property Custodian. (See Földi, Z., and Gerecs and Demjen and König.)
 Alien Property Custodian. (See Franz, Anselm.)
 Alien Property Custodian. (See Franz, A., and Decher.)
 Alien Property Custodian. (See Fraz, G., and Fuener.)
 Alien Property Custodian. (See Freytag, Fritz.)
 Alien Property Custodian. (See Friebe, Hermann.)
 Alien Property Custodian. (See Formhals, Anton.)
 Alien Property Custodian. (See Fornet, Artur.)
 Alien Property Custodian. (See Forro, Gorgy.)
 Alien Property Custodian. (See Franke, Herbert.)
 Alien Property Custodian. The. (See Frey, Walter, and Kreckl.)
 Alien Property Custodian. (See Friedrich, Albert, and Goppel.)
 Alien Property Custodian. (See Friederich, A., and Wieland.)
 Alien Property Custodian. (See Friedrichs, W., and Gefcken.)
 Alien Property Custodian. (See Fuchs, Otto.)

Alien Property Custodian.	(See Fudem, Adolf.)	Alien Property Custodian.	(See Hertel, Heinrich.)
Alien Property Custodian.	(See Fuscaldio, Ottavio.)	Alien Property Custodian.	(See Hertel, H., and Mut-tray.)
Alien Property Custodian.	(See Gack, Karl.)	Allen Property Custodian.	(See Heshe, Kristian.)
Alien Property Custodian.	(See Galster, R., Mansel, Voigt, and Wustem.)	Allen Property Custodian.	(See Hesse, Holger I.)
Alien Property Custodian.	(See Garelli, Adalberto.)	Alien Property Custodian.	(See Hesson, Richard.)
Alien Property Custodian.	(See Garnier, Gustave.)	Alien Property Custodian.	(See Heyning, Goldolph A.)
Alien Property Custodian.	(See Garre, Jean.)	Alien Property Custodian.	(See Heylandt, C. W. P., Mewes, Pomutz, and Baer.)
Alien Property Custodian.	(See Gartenmeister, Walter.)	Alien Property Custodian.	(See Hiromi, T., and Yana-gida.)
Alien Property Custodian.	(See Gast, Erich.)	Alien Property Custodian.	(See Hocke, Enrico.)
Alien Property Custodian.	(See Gabel, Alfred.)	Alien Property Custodian.	(See Hockstra, J., and Rietor.)
Alien Property Custodian.	(See Gaggiuzzi, Tullio.)	Alien Property Custodian.	(See Hofgaard, Rolf.)
Alien Property Custodian.	(See Galdi, Antoine.)	Alien Property Custodian.	(See Hofmann, R., and Röh-n.)
Alien Property Custodian.	(See Geldenhaus, J. E., and de Host.)	Alien Property Custodian.	(See Hofmann, R., and Sim-son.)
Alien Property Custodian.	(See Gendriess, Erwin.)	Alien Property Custodian.	(See Holsten, Karl-Georg.)
Alien Property Custodian.	(See Geremidas, Miksa.)	Alien Property Custodian.	(See Honsberg, Werner.)
Alien Property Custodian.	(See Gerhardt, Ernst.)	Alien Property Custodian.	(See Hoolthorst, Clastius F. E.)
Alien Property Custodian.	(See Gerlach, Erwin.)	Alien Property Custodian.	(See Hopf, H., Rapp, and Ringe.)
Alien Property Custodian.	(See Gerstenkorn, Wilhelm.)	Alien Property Custodian.	(See Horenstein, S. H., and Pählke.)
Alien Property Custodian.	(See Georges, Auguste F.)	Alien Property Custodian.	(See Horn, Josef.)
Alien Property Custodian.	(See Geyer, Walter.)	Alien Property Custodian.	(See Hornum, Francois.)
Alien Property Custodian.	(See Glavotto, Pietro.)	Alien Property Custodian.	(See Horváth, Josef.)
Alien Property Custodian.	(See Gilli, Paul.)	Alien Property Custodian.	(See Hoza, John.)
Alien Property Custodian.	(See Gilli, P., and Velan.)	Alien Property Custodian.	(See Huber, Fritz.)
Alien Property Custodian.	(See Glammann, Wilhelm.)	Alien Property Custodian.	(See Huber, F., and Künzel.)
Alien Property Custodian.	(See Gobin di Daudé, Jean E. P.)	Alien Property Custodian.	(See Huber, P., and Lentz.)
Alien Property Custodian.	(See Goissedet, P. E. C., and Despeux.)	Alien Property Custodian.	(See Hühndelchen, Wilhelm.)
Alien Property Custodian.	(See Goldmann, Joachim.)	Alien Property Custodian.	(See Hurst, M., and Schwei-zer.)
Alien Property Custodian.	(See Goldschmidt, Victor M.)	Alien Property Custodian.	(See Hurum, Fredrik.)
Alien Property Custodian.	(See Goldschmidt, V. M., and Stenvik.)	Alien Property Custodian.	(See Jacobsen, Peter E. V.)
Alien Property Custodian.	(See Gönning, Herman.)	Alien Property Custodian.	(See Jaeger, Pierre.)
Alien Property Custodian.	(See Görlich, Paul.)	Alien Property Custodian.	(See Janacek, František, and Frantisek, K.)
Alien Property Custodian.	(See Goy, Andras.)	Alien Property Custodian.	(See Jaubert, Georges F.)
Alien Property Custodian.	(See Graber, Josef A.)	Alien Property Custodian.	(See Jenkner, Adolf.)
Alien Property Custodian.	(See Graf, Roderich.)	Alien Property Custodian.	(See Johann, Martinus J. C.)
Alien Property Custodian.	(See Grassino, Herbert.)	Alien Property Custodian.	(See Johansen, Rolf H.)
Alien Property Custodian.	(See Gratzmüller, J. L., and Ignace.)	Alien Property Custodian.	(See Juell, Fredrik.)
Alien Property Custodian.	The. (See Grading, Karl R. L.)	Alien Property Custodian.	(See Julien, Maurice F. A.)
Alien Property Custodian.	(See Groger, Rudolf.)	Alien Property Custodian.	(See Julien, M. F. A., and H. J.)
Alien Property Custodian.	(See Gumber, W., and Mach-emer.)	Alien Property Custodian.	(See Junglans, Helmut.)
Alien Property Custodian.	(See Gruetzmacher, Johannes.)	Alien Property Custodian.	(See Junker, O., Breuer, and Knauff.)
Alien Property Custodian.	(See Grünert, S., and E. Ide.)	Alien Property Custodian.	(See Kahle, H., and Stark.)
Alien Property Custodian.	(See Gulnot, Leon J. B.)	Alien Property Custodian.	(See Kallmann, H. I., Kubn, and Eggert.)
Alien Property Custodian.	(See Guyard, Leon J. B.)	Alien Property Custodian.	(See Kaltendach, Alois.)
Alien Property Custodian.	(See Haack, Erich.)	Alien Property Custodian.	(See Kämmler, Hugo E.)
Alien Property Custodian.	(See Haack, Ernst.)	Alien Property Custodian.	(See Kaschke, Kurt.)
Alien Property Custodian.	(See Haedler, Herbert.)	Alien Property Custodian.	(See Kehse, W., and Hill-brand.)
Alien Property Custodian.	(See Hagen, Wolfgang.)	Alien Property Custodian.	(See Keinath, George.)
Alien Property Custodian.	The. (See Hagerup-Larsen, George.)	Alien Property Custodian.	(See Kesseler, P., Gieffers, Puttfarcken, Schimpf, and Kaufmann, Neugebauer, and Zuhke.)
Alien Property Custodian.	(See Hahn, Arthur.)	Alien Property Custodian.	(See Kiesskalt, S., and Korinth.)
Alien Property Custodian.	(See Halmteier, Alfred.)	Alien Property Custodian.	(See Kipphan, E., and Sie-bert.)
Alien Property Custodian.	(See Hammemann, H., and Oberländer.)	Alien Property Custodian.	(See Kirchhof, Julius.)
Alien Property Custodian.	(See Hansch, Fritz.)	Alien Property Custodian.	(See Kitzner, Isaac.)
Alien Property Custodian.	(See Hantke, E., and Jan-nek.)	Alien Property Custodian.	(See Kichue, Herman.)
Alien Property Custodian.	(See Harz, W., Rein, Hubert, and Kayser.)	Alien Property Custodian.	(See Klein, H., Seidler and Stoewener.)
Alien Property Custodian.	(See Haspel, Wilhelm.)	Alien Property Custodian.	(See Klein, Paul H.)
Alien Property Custodian.	(See Hauguel, Robert.)	Alien Property Custodian.	(See Klönschmit, O., and Mueller.)
Alien Property Custodian.	(See Hastrup, Niels J.)	Alien Property Custodian.	(See Knippen, Peter.)
Alien Property Custodian.	The. (See Hautsch, Hans.)	Alien Property Custodian.	(See Knoop, Hendrikus.)
Alien Property Custodian.	(See Havemann, H., and Welchert.)	Alien Property Custodian.	(See Köber, F., Sauer, and Vierling.)
Alien Property Custodian.	(See Hawk, Eugene M.)	Alien Property Custodian.	(See Koch, Albert.)
Alien Property Custodian.	(See Hecht, O., Prillwitz, and Danc.)	Alien Property Custodian.	(See Koch, Ernst.)
Alien Property Custodian.	(See Hecht, Walter.)	Alien Property Custodian.	(See Koch, Josef.)
Alien Property Custodian.	(See Hefel, Karl.)	Alien Property Custodian.	(See Kocher, Franz.)
Alien Property Custodian.	(See Heilmann, Erhard.)	Alien Property Custodian.	(See Kohl, Karl.)
Alien Property Custodian.	(See Heilmann, Walter.)	Alien Property Custodian.	(See Komenda, Erwin.)
Alien Property Custodian.	(See Heinsoth, W., and Weinig.)	Alien Property Custodian.	(See König, Carl.)
Alien Property Custodian.	(See Heintz, Woldeimar.)	Alien Property Custodian.	(See Konrad, E., and Lud-wig.)
Alien Property Custodian.	(See Heisel, Paul.)	Alien Property Custodian.	(See Kopf, E., and Wasmuht.)
Alien Property Custodian.	(See Heltner, Joseph.)	Alien Property Custodian.	(See Krause, George A.)
Alien Property Custodian.	(See Hermann, Conrad.)	Alien Property Custodian.	(See Koppelman, F., Frass, and Penk.)
Alien Property Custodian.	(See Hellmanns, Simon.)	Alien Property Custodian.	(See Körber, Emil.)
Alien Property Custodian.	(See Hembold, Johann-Georg.)	Alien Property Custodian.	(See Korytko, Charles E. S.)
Alien Property Custodian.	(See Hempel, Emil.)	Alien Property Custodian.	(See Koschmieder, Kurt.)
Alien Property Custodian.	(See Hentrich, W., and Engelbrecht.)	Alien Property Custodian.	(See Krause, Friedrich.)
Alien Property Custodian.	(See Hepp, Gerard.)	Alien Property Custodian.	(See Kreiss, Friedrich.)
Alien Property Custodian.	(See Hepp, G., and van der Mark.)	Alien Property Custodian.	(See Kreissig, E., Tönne, and Rosenbaum.)
Alien Property Custodian.	(See Hepp, Werner.)	Alien Property Custodian.	(See Krijger, Willem J.)
Alien Property Custodian.	(See Hérail, J., and Gauthier.)	Alien Property Custodian.	(See Kroeper, Hugo.)
Alien Property Custodian.	(See Herbert, Wilhelm.)		
Alien Property Custodian.	(See Herbin, Oscar.)		
Alien Property Custodian.	(See Hermann, Conrad.)		
Alien Property Custodian.	(See Herrmann, Paul J.)		
Alien Property Custodian.	(See Herrmann, W. O., and Haehnel.)		
Alien Property Custodian.	(See Herrmann, W. O.)		
Alien Property Custodian.	(See Herrmann, W. O., and Haehnel and Deutsch.)		

- Alien Property Custodian. (See Kroeper, H., and Haussmann.)
 Alien Property Custodian. (See Kroll, William.)
 Alien Property Custodian. (See Kroucky, Josef.)
 Alien Property Custodian. (See Krzenciassa, W. E. H., Scheibel, and Bohmann.)
 Alien Property Custodian. (See Kubelka, P., and Reiner.)
 Alien Property Custodian. (See Kuhnert, Rudolf.)
 Alien Property Custodian. (See Kuipers, Minne.)
 Alien Property Custodian. (See Kümmler, Paul, assignor.)
 Alien Property Custodian. (See Kuperus, Jan.)
 Alien Property Custodian. (See Kupferschmid, Ernst.)
 Alien Property Custodian. (See Küppenbender, H., Eyth, and Jörg.)
 Alien Property Custodian. (See Kurtz, P., Casper and Schwarz.)
 Alien Property Custodian. (See Kurtz, P., and Schwarz.)
 Alien Property Custodian. (See Kuss, E., Ilohn, and Sletzel.)
 Alien Property Custodian. (See Labour, Jean F. P. E.)
 Alien Property Custodian. (See Laflly, Edmond G.)
 Alien Property Custodian. (See Lambert, Roger, E.)
 Alien Property Custodian. (See Lamesch, Armand.)
 Alien Property Custodian. (See Lang, Richard.)
 Alien Property Custodian. (See Languepin, Jacques E. J.)
 Alien Property Custodian. (See Latrobe, Pierre M. L.)
 Alien Property Custodian. (See Laur, Ambroius and W.)
 Alien Property Custodian. (See Lauffer, Emile.)
 Alien Property Custodian. (See Lautreite, Jean A.)
 Alien Property Custodian. (See Lehteld, Wilhelm.)
 Alien Property Custodian. (See Lehmann, W., and Schröter.)
 Alien Property Custodian. (See Leifer, Alfred.)
 Alien Property Custodian. (See Leistschneider, August.)
 Alien Property Custodian. (See Lemoigne, Pierre M.)
 Alien Property Custodian. (See Lentz, Anton.)
 Alien Property Custodian. (See Lieng, Friedrich.)
 Alien Property Custodian. (See Links, Heinz.)
 Alien Property Custodian. (See Lobstein, Jean.)
 Alien Property Custodian. (See Löckmann, H. W., and Wana.)
 Alien Property Custodian. (See Loder, Johan.)
 Alien Property Custodian. (See Loftheim, Tor B.)
 Alien Property Custodian. (See Lohse, Julius.)
 Alien Property Custodian. (See Long, Bernard.)
 Alien Property Custodian. (See Löpp, E., and Greifenjör.)
 Alien Property Custodian. (See Lorenz, Johannes.)
 Alien Property Custodian. (See Louie, Ban L.)
 Alien Property Custodian. (See Lübke, H. F. A., and Kruppa.)
 Alien Property Custodian. (See Lucan, Fritz.)
 Alien Property Custodian. (See Lutz, Frederick.)
 Alien Property Custodian. (See Mader, Otto.)
 Alien Property Custodian. (See Mahnken, Werner.)
 Alien Property Custodian. (See Maisant, Bernard.)
 Alien Property Custodian. (See Marais, René.)
 Alien Property Custodian. (See Martinotti, Pietro.)
 Alien Property Custodian. (See Martins, Borge.)
 Alien Property Custodian. (See Math, Robert.)
 Alien Property Custodian. (See Mathieu, François.)
 Alien Property Custodian. (See Mathieu, Frédéric.)
 Alien Property Custodian. (See Matteucci, Raffaele.)
 Alien Property Custodian. (See Maul, Michael.)
 Alien Property Custodian. (See May, Alajos.)
 Alien Property Custodian. (See Maybach, Karl.)
 Alien Property Custodian. (See Meisenburg, K., Dennstedt, and Zucker.)
 Alien Property Custodian. (See Menger, A., and Bock.)
 Alien Property Custodian. (See Mennesson, Marcel.)
 Alien Property Custodian. (See Menzel, Friedrich.)
 Alien Property Custodian. (See Mercier, Jean.)
 Alien Property Custodian. (See Mertens, Willi.)
 Alien Property Custodian. (See Messner, Maximilian.)
 Alien Property Custodian. (See Meyer, Gustav.)
 Alien Property Custodian. (See Meyer, L., and Klein.)
 Alien Property Custodian. (See Michael, W., Goehre, Free, v. Fuener, and Schneider.)
 Alien Property Custodian. (See Michalke, Frieda, née Parnow.)
 Alien Property Custodian. (See Michelat, Léon.)
 Alien Property Custodian. (See Migdallan, Gino.)
 Alien Property Custodian. (See Moeller, August.)
 Alien Property Custodian. (See Moeller, A., Tochtermann, and Träskén.)
 Alien Property Custodian. (See Moineau, René J. L.)
 Alien Property Custodian. (See Möller, W. and von Mantuffel.)
 Alien Property Custodian. (See Mols, Paul E. M. J.)
 Alien Property Custodian. (See Morelle, Jules.)
 Alien Property Custodian. (See Moschetto, Giuseppe.)
 Alien Property Custodian. (See Moser, Johannes.)
 Alien Property Custodian. (See Motte, J., and Pomot.)
 Alien Property Custodian. (See Mulder, Cornelis A. H.)
 Alien Property Custodian. (See Mulder, Johannes G. W.)
 Alien Property Custodian. (See Müller, Johann.)
 Alien Property Custodian. (See Müller, Max A.)
 Alien Property Custodian. (See Müller, R., and Lee.)
 Alien Property Custodian. (See Munthesen, Niels.)
 Alien Property Custodian. (See Nallinger, Fritz.)
 Alien Property Custodian. (See Nasca, Pasquale.)
 Alien Property Custodian. (See Natta, Giulio.)
 Alien Property Custodian. (See Natter, Otto.)
 Alien Property Custodian. (See Nebel, Max.)
 Alien Property Custodian. (See Nemetz, Gustav.)
 Alien Property Custodian. (See Nerwin, Hubert.)
 Alien Property Custodian. (See Nerwin, H., and Wunderlich.)
 Alien Property Custodian. (See Nessler, Friedrich.)
 Alien Property Custodian. (See Neustelberger, Franz.)
 Alien Property Custodian. (See Neubert, Martin.)
 Alien Property Custodian. (See Neuberger, Walter.)
 Alien Property Custodian. (See Neugebauer, F., Franz, Decher, and Meisener.)
 Alien Property Custodian. (See Neugebauer, F., Hartmann, and Wagensell.)
 Alien Property Custodian. (See Neuse, Wilhelm.)
 Alien Property Custodian. (See Niederreither, H., and Lang.)
 Alien Property Custodian. (See Nielebock, Walter.)
 Alien Property Custodian. (See Nijland, Hendrik A. H.)
 Alien Property Custodian. (See Nitz, Herbert.)
 Alien Property Custodian. (See Nougrou, Jacques.)
 Alien Property Custodian. (See Novak, Alfred.)
 Alien Property Custodian. (See Nozicka, Franz.)
 Alien Property Custodian. (See Nubling, O., and Wirthgen.)
 Alien Property Custodian. (See Nüchterlein, Karl.)
 Alien Property Custodian. (See Nussbaum, Ferdinand.)
 Alien Property Custodian. (See Nusslein, J., and Fauser.)
 Alien Property Custodian. (See Okita, Tadao.)
 Alien Property Custodian. (See Oosterhuis, Albert G.)
 Alien Property Custodian. (See Orlik, Emil.)
 Alien Property Custodian. (See Orth, Hans.)
 Alien Property Custodian. (See Orthner, L., Balle, Dittus, and Wagner.)
 Alien Property Custodian. (See Orthner, L., and Langbein.)
 Alien Property Custodian. (See Overhoff, Johan.)
 Alien Property Custodian. (See Pagnon, Louis E. H.)
 Alien Property Custodian. (See Paschke, Erich.)
 Alien Property Custodian. (See Paul, H. Erich.)
 Alien Property Custodian. (See Pelker, Maximilian.)
 Alien Property Custodian. (See Pellet, Henri.)
 Alien Property Custodian. (See Perrey, Marcel A. L.)
 Alien Property Custodian. (See Perrin, René.)
 Alien Property Custodian. (See Persoons, Jules and Alphonse.)
 Alien Property Custodian. (See Petersen, O., and Jensen.)
 Alien Property Custodian. (See Petersen, S., and Schlack.)
 Alien Property Custodian. (See Petitcolas, P., and Frenkel.)
 Alien Property Custodian. (See Petitcolas, P., and Bureau.)
 Alien Property Custodian. (See Petrovich, Louis.)
 Alien Property Custodian. (See Pfau, Hans.)
 Alien Property Custodian. (See Picard, R., and Fays.)
 Alien Property Custodian. (See Pier, M., and Christmann.)
 Alien Property Custodian. (See Pier, M., and Donath.)
 Alien Property Custodian. (See Pier, M., and Free.)
 Alien Property Custodian. (See Pier, M., Fuener, and Free.)
 Alien Property Custodian. (See Pier, M., Peters, and Free.)
 Alien Property Custodian. (See Pietschek, Ernst.)
 Alien Property Custodian. (See Piquerez, Emile.)
 Alien Property Custodian. (See Pischinger, A., and Antweller.)
 Alien Property Custodian. (See Pittet, Henri.)
 Alien Property Custodian. (See Poeslman, Armand J. J.)
 Alien Property Custodian. (See Poillevey, Léon.)
 Alien Property Custodian. (See Polgar, A., and Halmos.)
 Alien Property Custodian. (See Popov, Vladimir D.)
 Alien Property Custodian. (See Poracchia, Raphaël.)
 Alien Property Custodian. (See Potez, Henry C. A.)
 Alien Property Custodian. (See Pot, A., and Broche.)
 Alien Property Custodian. (See Presser, Ernst.)
 Alien Property Custodian. (See Prestet, Ernest.)
 Alien Property Custodian. (See Puc, Vojtech.)
 Alien Property Custodian. (See Puchner, Erwin.)
 Alien Property Custodian. (See Punga, Franklin.)
 Alien Property Custodian. (See Rabi, Alfred.)
 Alien Property Custodian. (See Ramshorn, Reinhard.)
 Alien Property Custodian. (See Rant, L. G., and Stömmmer.)
 Alien Property Custodian. (See Rantasa, Jakob.)
 Alien Property Custodian. (See Rantsch, Kurt.)
 Alien Property Custodian. (See Ratie, Pierre P., and René J.)
 Alien Property Custodian. (See Regnier, Jean L.)
 Alien Property Custodian. (See Reicher, A., and Mehler.)
 Alien Property Custodian. (See Reinspiess, Franz.)
 Alien Property Custodian. (See Reppe, W., Krzikalla, Dornheim, and Sauerbier.)
 Alien Property Custodian. (See Reppe, W., Steinhof, and Daumiller.)
 Alien Property Custodian. (See Reppmann, Wilhelm B.)
 Alien Property Custodian. (See Reuther, Valentin.)
 Alien Property Custodian. (See Reutter, Jean-Léon.)
 Alien Property Custodian. (See Revelli, Gino.)
 Alien Property Custodian. (See Richard, Paul A.)
 Alien Property Custodian. (See Richenmann, Alfred.)
 Alien Property Custodian. (See Richter, Kurt.)

Alien Property Custodian.	(See Richter, Richard.)	Alien Property Custodian.	(See Siemens, A., and von Bertele.)
Alien Property Custodian.	(See Rieckmann, Alfred.)	Alien Property Custodian.	(See Siemens, A., von Ber
Alien Property Custodian.	(See Riester, Oskar.)	tele, and Burgsmüller.)	
Alien Property Custodian.	(See Rima, Horre.)	Alien Property Custodian.	(See Snook, Jacob L.)
Alien Property Custodian.	(See Ritter, F., Rodis, and	Alien Property Custodian.	(See Sobek, André.)
Vanderwerf.)		Alien Property Custodian.	(See Sobisch, Johannes.)
Alien Property Custodian.	(See Röber, C. F., and Bött-	Alien Property Custodian.	(See Sonnenschein, Wilhelm.)
ger.)		Alien Property Custodian.	(See Stadler, R., and Auer-
Alien Property Custodian.	(See Roard, Yves.)	hahn.)	
Alien Property Custodian.	(See Robitschke, Jan.)	Alien Property Custodian.	(See Stabbecker, Wilhelm.)
Alien Property Custodian.	(See Roder, Hans.)	Alien Property Custodian.	(See Steensen, Niels R.)
Alien Property Custodian.	(See Roel, Roger.)	Alien Property Custodian.	(See Steffen, Eugen.)
Alien Property Custodian.	(See Roos, H., Dorr, and	Alien Property Custodian.	(See Steglitz, H., and
Koch.)		Schreiner.)	
Alien Property Custodian.	(See Rosenstein, Hans O.)	Alien Property Custodian.	(See Stein, Hermann.)
Alien Property Custodian.	(See Rothlin, Erik.)	Alien Property Custodian.	(See Steinbock, Hans.)
Alien Property Custodian.	(See Rothmayr, Friedrich.)	Alien Property Custodian.	(See Steiner, Otto.)
Alien Property Custodian.	(See Roudnick, Rudolf.)	Alien Property Custodian.	(See Stelkik, Jan.)
Alien Property Custodian.	(See Ruegger, André.)	Alien Property Custodian.	(See Stoer, Cornelis J.)
Alien Property Custodian.	(See Ruiz, Rafael G.)	Alien Property Custodian.	(See Stoewener, F., Keunecke,
Alien Property Custodian.	(See Rumpf, Martin H.)	and Beeke.)	
Alien Property Custodian.	(See Ruppe, Hugo.)	Alien Property Custodian.	(See Strunk, Ernst.)
Alien Property Custodian.	(See Ruska, Ernst.)	Alien Property Custodian.	(See Strutt, M. J. O., and
Alien Property Custodian.	(See Rutzdass, Georg.)	van der Ziel.)	
Alien Property Custodian.	(See Saehurs, Albert G.)	Alien Property Custodian.	(See Süßelbeck, Karl.)
Alien Property Custodian.	(See Saulnier, Raymond.)	Alien Property Custodian.	(See Szatrow, Mikolaj.)
Alien Property Custodian.	(See St. Hilaire, Adolphe B.)	Alien Property Custodian.	(See Szatimay, Lishas.)
Alien Property Custodian.	(See Salomon, Arnold.)	Alien Property Custodian.	(See Tanberg, Ragnar.)
Alien Property Custodian.	(See Salomon, François M.	Alien Property Custodian.	(See Tannheim, Hugo.)
M. E.)		Alien Property Custodian.	(See Tassel, Edmond M.)
Alien Property Custodian.	(See Salas, Emil.)	Alien Property Custodian.	(See Taucheck, Gustav.)
Alien Property Custodian.	(See Sandhuus, Wilhelm.)	Alien Property Custodian.	(See Tauty, René.)
Alien Property Custodian.	(See Sandholt, Hans.)	Alien Property Custodian.	(See Thiebault, Antoine.)
Alien Property Custodian.	(See Sandström, Jacques	Alien Property Custodian.	(See Thinius, K.)
R. E.)		Alien Property Custodian.	(See Thöm, Kurt.)
Alien Property Custodian.	(See Sarazin, Raoul R. R.)	Alien Property Custodian.	(See Thomas, Gustav.)
Alien Property Custodian.	(See Sauer, Hans.)	Alien Property Custodian.	(See Thorsen, Kristen A.)
Alien Property Custodian.	(See Savary, Jean Bap-	Alien Property Custodian.	(See Tischer, F., and von
tiste R.)		Bayer.)	
Alien Property Custodian.	(See Schantl, E., and Mea-	Alien Property Custodian.	(See Türk, George.)
ner.)		Alien Property Custodian.	(See Trieschmann, H.-G., Jutz,
Alien Property Custodian.	(See Schanz, Felix.)	and Recheneder.)	
Alien Property Custodian.	(See Scharfagl, Rudolf.)	Alien Property Custodian.	(See Tromp, Knaas F.)
Alien Property Custodian.	(See Schat, Ans P.)	Alien Property Custodian.	(See Tuchscherer, K. P.,
Alien Property Custodian.	(See Shaw, Hway J.)	Kunze, and Harnack.)	
Alien Property Custodian.	(See Scheffer, Karl.)	Alien Property Custodian.	(See Turco, Glosué.)
Alien Property Custodian.	(See Scheler, Emil.)	Alien Property Custodian.	(See Ubbelohde, Leo.)
Alien Property Custodian.	(See Schelling, Franz.)	Alien Property Custodian.	(See Ufer, Hanns.)
Alien Property Custodian.	(See Schenung, G., and	Alien Property Custodian.	(See Uffolmann, Emil.)
Thom.)		Alien Property Custodian.	(See Unowsky, Wacław.)
Alien Property Custodian.	(See Schoenbeck, F., and	Alien Property Custodian.	(See Uhlmann, Volfram.)
Chapp.)		Alien Property Custodian.	(See Ulrich, V., and Diener.)
Alien Property Custodian.	(See Schlegel, Karl H. F.)	Alien Property Custodian.	(See Valensal, Georges.)
Alien Property Custodian.	(See Schlick, Friedrich.)	Alien Property Custodian.	(See van den Brock, Ger-
Alien Property Custodian.	(See Schlebold, Ernst.)	hard J.)	
Alien Property Custodian.	(See Schlierstein, Georg H.)	Alien Property Custodian.	(See van der Heem, Jan.)
Alien Property Custodian.	(See Schlierstein, Julius.)	Alien Property Custodian.	(See van der Molen, Marius
Alien Property Custodian.	(See Schlack, Paul.)	J. C.)	
Alien Property Custodian.	(See Schlegel, Karl H. F.)	Alien Property Custodian.	(See van der Ziel, A., and
Alien Property Custodian.	(See Schmid, Ernest.)	Knol.)	
Alien Property Custodian.	(See Schmidberger, Heinrich.)	Alien Property Custodian.	(See van der Ziel, A., and
Alien Property Custodian.	(See Schmidt, Ferdinand.)	Strutt.)	
Alien Property Custodian.	(See Schmidt, Fritz.)	Alien Property Custodian.	(See van der Ziel, A., Strutt,
Alien Property Custodian.	(See Schmidt, Gottfried.)	and Knol.)	
Alien Property Custodian.	(See Schmidt, O., and Stadel-	Alien Property Custodian.	(See van Dranen, Willem N.)
mann.)		Alien Property Custodian.	(See van Liempt, Johannes
Alien Property Custodian.	(See Schmitz, Hilger P.)	A. M.)	
Alien Property Custodian.	(See Schmitz, H. P., and	Alien Property Custodian.	(See van Overcom, Marius L.)
Interzuggenberger.)		Alien Property Custodian.	(See Van Weel, Adelbert.)
Alien Property Custodian.	(See Schmitz, Hilger P., as-	Alien Property Custodian.	(See van Zwet, Willem L. C.)
signor.)		Alien Property Custodian.	(See Vautier, Leon P. G.)
Alien Property Custodian.	(See Schnegg, Robert.)	Alien Property Custodian.	(See Venot, Emil.)
Alien Property Custodian.	(See Schneider, Kurt.)	Alien Property Custodian.	(See Vierling, Otto.)
Alien Property Custodian.	(See Schonfeld, R., and	Alien Property Custodian.	(See Villard, Claude M. G.)
Fiedler.)		Alien Property Custodian.	(See Voltz, A., and Melster.)
Alien Property Custodian.	(See Schönfeld, Wilhelm.)	Alien Property Custodian.	(See Voigtmann, Walter.)
Alien Property Custodian.	(See Schouten, Cornelis.)	Alien Property Custodian.	(See Voltz, Paul.)
Alien Property Custodian.	(See Schrader, Gerhard.)	Alien Property Custodian.	(See Voltz, A., and Watzel.)
Alien Property Custodian.	(See Schroeder, Carl.)	Alien Property Custodian.	(See von Bertele, Hans.)
Alien Property Custodian.	(See Schroeder, A., and Falk.)	Alien Property Custodian.	(See von Leibitz-Piwnicki,
Alien Property Custodian.	(See Schroeder, Richard.)	H. and Aldert.)	
Alien Property Custodian.	(See Schuchardt, H., and	Alien Property Custodian.	(See von Manteuffel, Gert Z.)
Lüdke.)		Alien Property Custodian.	(See von Manteuffel, G. Z.,
Alien Property Custodian.	(See Schuchmann, H., and	and Waack.)	
Steinmetz.)		Alien Property Custodian.	(See von Opel, Fritz.)
Alien Property Custodian.	(See Schueller, Eugène.)	Alien Property Custodian.	(See von Pasiczky, Gedeon.)
Alien Property Custodian.	(See Schuchrich.)	Alien Property Custodian.	(See von Pasiczky, G., and
Alien Property Custodian.	(See Schulz, Elise.)	Steingraeber.)	
Alien Property Custodian.	(See Schuster, C., Sauerbler,	Alien Property Custodian.	(See von Poser, Gottlieb.)
and Fikentscher.)		Alien Property Custodian.	(See Vorsatz, Fritz.)
Alien Property Custodian.	(See Schuster, Fritz.)	Alien Property Custodian.	(See Franken, Felix.)
Alien Property Custodian.	(See Schütte, Alfred.)	Alien Property Custodian.	(See Wahle, Otto.)
Alien Property Custodian.	(See Schwalger, Karl.)	Alien Property Custodian.	(See Walckenaer, François
Alien Property Custodian.	(See Schneider, Eubert.)	Alien Property Custodian.	
Alien Property Custodian.	(See Scailes, Jean C.)	Alien Property Custodian.	(See Wald, Martin.)
Alien Property Custodian.	(See Seitz, Ludwig.)	Alien Property Custodian.	(See Walter, Fritz.)
Alien Property Custodian.	(See Seligman, Roger A. L.)	Alien Property Custodian.	(See Walther, August.)
Alien Property Custodian.	(See Sem, M. O., and Sejer-	Alien Property Custodian.	(See Wassege, Charles R.)
sted.)		Alien Property Custodian.	(See Wassengger, Hans.)
Alien Property Custodian.	(See Sertin, Jean V. L.)	Alien Property Custodian.	(See Wauters, Jean.)
Alien Property Custodian.	(See Seyerle, Wilhelm.)	Alien Property Custodian.	(See Weber, Guillaume.)
Alien Property Custodian.	(See Siebel, Friedrich W.)	Alien Property Custodian.	(See Weber, H., and Peter-
Alien Property Custodian.	(See Siegmann, Friedrich.)	sen.)	

- Allen Property Custodian. (See Wegener, Gustav.)
 Allen Property Custodian. (See Weiche, Georg.)
 Allen Property Custodian. (See Weirauch, Bruno.)
 Allen Property Custodian. (See Weis, Adolf.)
 Allen Property Custodian. (See Weist, Georg.)
 Allen Property Custodian. (See Weltzel, Robert A. L.)
 Allen Property Custodian. (See Wellenstein, R., Holle, and Schumacher.)
 Allen Property Custodian. (See Went, J. J., van Nooyen, and van der Moer.)
 Allen Property Custodian. (See Westerkamp, Hugo.)
 Allen Property Custodian. (See Whitechurch, Philip C. A.)
 Allen Property Custodian. (See Wiest, W., and Winkel.)
 Allen Property Custodian. (See Wiggemann, Georg.)
 Allen Property Custodian. (See Wikarski, Stefan.)
 Allen Property Custodian. (See Wilen, C. H., and Kramarenko.)
 Allen Property Custodian. (See Wimmer, Josef.)
 Allen Property Custodian. (See Winkler, A., Dünnebier, and Gelpke.)
 Allen Property Custodian. (See Wintrebert, Maurice G.)
 Allen Property Custodian. (See Wismar, Friedrich.)
 Allen Property Custodian. (See Wolfrang, A., and Jahn.)
 Allen Property Custodian. (See Woog, Paul, assignor.)
 Allen Property Custodian. (See Worm, Oscar.)
 Allen Property Custodian. (See Wouters, Otto J.)
 Allen Property Custodian. (See Wunderer, Anton.)
 Allen Property Custodian. (See Wunsch, G., and Krüssmann.)
 Allen Property Custodian. (See Wunsch, W. H. G., and Rolland.)
 Allen Property Custodian. (See Yanovsky, Stephan.)
 Allen Property Custodian. (See Zachariä, Erich.)
 Allen Property Custodian. (See Zehnig, Otto.)
 Allen Property Custodian. (See Zapf, Georg.)
 Allen Property Custodian. (See Zanker, Ewald.)
 Allen Property Custodian. (See Zdzansky, Ewald.)
 Allen Property Custodian. (See Zeltner, Joseph.)
 Allen Property Custodian. (See Ziegs, Paul.)
 Allen Property Custodian. (See Zieber, Gustav.)
 Allen Property Custodian. (See Zödner, Heinrich.)
 Allen Property Custodian. (See Zwick, Adolf.)
 Allen Property Custodian. (See Zwick, Kurt.)
 Altmansky, Max I., Pittsfield, Mass., assignor to General Electric Company. Capacitor construction and circuit arrangement for polypphase circuits. 2,317,970; May 4.
 Almk, Rudolf J. H., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Light-sensitive diazotype layers and making same. 2,318,352; May 4.
 Almk, Rudolf J. H., J. H. de Boer, K. H. Kluessens, and C. F. Vermeulen, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, trustee, Hartford, Conn. Photographic material and producing same. 2,311,016; Feb. 16.
 Alson, Noah L., assignor to The American Blower Corporation, Detroit, Mich. Dump valve for hydraulic couplings. 2,325,090; July 27.
 Alx, Elmer C., assignor to Charlton Woolen Company, Charlton, Mass. Feeler device for looms. 2,312,515; Mar. 2.
 Alx, Frederick L., Kenmore, N. Y. Torpedo boat. 2,333,139; Nov. 2.
 Alham, Philip S., Little Chesterford, near Safron Walden, assignor to Simmonds Development Corporation Limited, Aldwych, London, England. Oil filter. 2,321,884; June 15.
 All American Aviation, Inc. (See Adams, Lytle S., assignor.)
 All American Aviation, Inc. (See Ray, James G., assignor.)
 Allan, George W., and A. H. Simpson, assignors to Inter-type Corporation, Brooklyn, N. Y. Typographical machine. 2,314,324; Mar. 25.
 Allen, Maurice, Los Angeles, Calif. Envelope and the like. 2,335,470; Nov. 30.
 Allardice, Thomas B., Mountain Lakes, N. J. Dust collector. 2,327,691; Aug. 24.
 Allatt, Mervin, Plainfield, N. J., assignor to Millie Patent Holding Co., Inc. Packaging apparatus and method. 2,309,621; Feb. 3.
 Allatt, Mervin, Plainfield, N. J., assignor to Millie Patent Holding Co., Inc. Supply feed mechanism for packages. 2,337,536; Dec. 28.
 Albright-Nell Co., The. (See Albright, Norman J., assignor.)
 Albright, Norman J., Hinsdale, assignor to The Albright-Nell Co., Chicago, Ill. Smokehouse. 2,325,213; July 27.
 Aldredge, Marshall H., Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Joint assembly. 2,312,516; Mar. 2.
 Allegheny Ludlum Steel Corporation. (See Batcheller, Clements, assignor.)
 Allegheny Ludlum Steel Corporation. (See Browne, Vere B., assignor.)
 Alleman, Gellert, Wallingford, and J. H. Perrine, Prospect Park, assignors to Sun Oil Company, Philadelphia, Pa. Resin and composition containing the same. 2,329,236; Sept. 14.
 Allen, Alexander C., Monroe, assignor of one-half to N. Brachman, Detroit, Mich. Apparatus for splitting, spreading, and flattening pipe. 2,313,702; Mar. 9.
 Allen-Bradley Company. (See De Smidt, W. A., Wilms, and Steenweg, assignors.)
 Allen-Bradley Company. (See Glogau, Manfred L., assignor.)
 Allen-Bradley Company. (See Heinrich, Konrad, assignor.)
 Allen-Bradley Company. (See Matthias, Lynn H., assignor.)
 Allen-Bradley Company. (See Megow, George E., assignor.)
 Allen-Bradley Company. (See Wolfe, Allen K., assignor.)
 Allen, Bruce B. (See Denyes, R. O., and Allen.)
 Allen, Carl J., Port Benning, Ga., assignor to General Electric Company. Lighting fixture. 2,337,437; Dec. 21.
 Allen, Carling D., Kingston, Utah. Motor vehicle. 2,334,980; Nov. 23.
 Allen, Charles. (See Colwell, W., and Allen.)
 Allen, Charles F. H., and P. W. Vittum, assignors to Eastman Kodak Company, Rochester, N. Y. Cyanoacety coupler. 2,313,495; Mar. 9.
 Allen, Charles K., S. Arny, For. Devens, and M. F. Healy, Watertown, Mass. Leveling mechanism. 2,331,285; Oct. 12.
 Allen, Charles L., Portland, assignor of two and one-half per cent to E. Brunk, Salem, Oreg. Well drilling bit. 2,320,550; June 1.
 Allen, Charles L., assignor of thirty-five per cent to V. T. Wigglesworth, Portland, eight per cent to H. V. Adis, Gresham, seven and one-half per cent to G. Voget, Hubbard, four per cent to F. H. Thompson, Salem, and two per cent to E. F. Lawrence, Portland, Oreg. Rotary well drilling machinery. 2,330,795; Oct. 5.
 Allen, Clarence E., San Francisco, Calif. Rear-view mirror. 2,326,316; Aug. 10.
 Allen, Clarence W., San Francisco, Calif. Stern frame structure. 2,329,574; Sept. 14.
 Allen, Clyde C., San Francisco, and V. E. Haury, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Synthetic drying oil composition and producing the same. 2,317,663; Apr. 27.
 Allen, Dwight P., administrator. (See Smith, Paul S.)
 Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,315,034; Mar. 30.
 Allen, Edward W., et al. (See Porter, John, assignor.)
 Allen, Edwin H., Janesville, assignor to Highway Trailer Company, Edgerton, Wis. Tilting dump body. 2,320,995; June 8.
 Allen, Edwin L. (See Schonitzer, R. I., Allen, and Muster.)
 Allen, Edwin L., and H. B. Muster, Cleveland Heights, assignors to R. I. Schonitzer, Shaker Heights, Ohio. Extracting and protecting device for cartridges or shells. 2,322,810; June 29.
 Allen, Edwin L., and H. B. Muster, Cleveland Heights, assignors to Rudolph I. Schonitzer, Shaker Heights, Ohio. Guide for endless tracks. 2,330,195; Sept. 28.
 Allen, Edwin L., and H. B. Muster, Cleveland Heights, assignors to Rudolph I. Schonitzer, Shaker Heights, Ohio. Guide for endless tracks. 2,330,196; Sept. 28.
 Allen, Edwin L., and H. B. Muster, Cleveland Heights, assignors to Rudolph I. Schonitzer, Shaker Heights, Ohio. Guide for endless tracks. 2,330,786; Sept. 28.
 Allen, Edwin L., and H. B. Muster, Cleveland Heights, assignors to R. I. Schonitzer, Shaker Heights, Ohio. Crossbar structure for endless tracks. 2,331,286; Oct. 12.
 Allen, Edwin L., and H. B. Muster, Cleveland Heights, assignors to R. I. Schonitzer, Shaker Heights, Ohio. Crossbar structure for endless tracks. 2,331,287; Oct. 12.
 Allen, Edwin L., and H. B. Muster, Cleveland Heights, assignors to R. I. Schonitzer, Shaker Heights, Ohio. Crossbar structure for endless tracks. 2,331,288; Oct. 12.
 Allen, Edwin L., and H. B. Muster, Cleveland Heights, assignors to R. I. Schonitzer, Shaker Heights, Ohio. Tread block core for endless tracks and the like. 2,335,328; Nov. 30.
 Allen, Francis E., Alameda, Calif. Fastening means for metal panels. 2,317,015; Apr. 20.
 Allen, Frank B., Lower Merion Township, Montgomery County, assignor to The Allen-Sherman-Hoff Company, Philadelphia, Pa. Material handling system. 2,321,885; June 15.
 Allen, Frank M., near Azusa, and C. B. Taylor, Anaheim, assignors to The All-Flex Corporation, Los Angeles, Calif. Flexible pipe joint. 2,330,197; Sept. 28.
 Allen, George E., L. A. Metz, and F. C. Sharp, Buffalo, N. Y. Adjustable support. 2,313,115; Mar. 9.
 Allen, Gifford, Grand Junction, Colo. Folding pocket hack saw. 2,309,816; Feb. 2.
 Allen, Gwynne, Long Beach, Calif., assignor to Petrolite Corporation, Ltd., St. Louis, Mo. Breaking petroleum emulsions. 2,329,599; Aug. 10.
 Allen Gwynne, Long Beach, Calif., assignor to Petrolite Corporation Ltd., St. Louis, Mo. Breaking petroleum emulsions. 2,326,602; Aug. 10.

- Allen, Gwynne, Long Beach, Calif., assignor to Petrolite Corporation, Ltd., St. Louis, Mo. Breaking petroleum emulsions. 2,329,025; Sept. 7.
- Allen, Gwynne, Long Beach, Calif., assignor to Petrolite Corporation, Ltd., St. Louis, Mo. Breaking petroleum emulsions. 2,329,026; Sept. 7.
- Allen, Harold D. (See Colgate, R. B., Brandt, and Allen.)
- Allen, Herbert. (See Bean, R. N., and Allen.)
- Allen, Herbert. (See Lorehn, E. L., and Allen.)
- Allen, Herbert, assignor to Cameron Iron Works, Houston, Tex. Studling box. 2,307,346; Jan. 5.
- Allen, Herbert, assignor to Cameron Iron Works Company, Houston, Tex. System of gauging pressures. 2,342,787; Mar. 2.
- Allen, Herbert, assignor to Cameron Iron Works, Houston, Tex. Casting head. 2,313,308; Mar. 9.
- Allen, Herbert, assignor to Cameron Iron Works, Houston, Tex. Blowout preventer. 2,322,269; June 22.
- Allen, Herbert, assignor to Cameron Iron Works, Houston, Tex. Valve. 2,329,345; Sept. 14.
- Allen, Herbert, assignor to Cameron Iron Works, Houston, Tex. Combination valve and choke. 2,334,166; Nov. 16.
- Allen, Herbert, assignor to Cameron Iron Works, Houston, Tex. Wellhead. 2,337,221; Dec. 21.
- Allen, Herbert, and R. N. Bean, assignors to Cameron Iron Works, Houston, Tex. Means for closing and leak age testing of well equipment. 2,341,393; Nov. 16.
- Allen, Herschel H., Towson, Md. Bridge foundation and making same. 2,317,016; Apr. 20.
- Allen, Herschel H., Baltimore, Md. Pier and constructing the same. 2,317,017; Apr. 20.
- Allen, Horace D., Columbia, S. C., assignor to United States Lysine Company, Chicago, Ill. Taping tool. 2,327,150; Aug. 17.
- Allen, Howard G., Niagara Falls, assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Sealing containers. 2,310,382; Feb. 9.
- Allen, Howard G., Niagara Falls, assignor to Bagpak, Inc., New York, N. Y. Tape severing mechanism. 2,319,103; Mar. 19.
- Allen, Howard G., Niagara Falls, assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Automatic bag feeder. 2,332,187; Oct. 19.
- Allen, Hugh E., Northbrook, assignor of one-half to Albert G. McCaleb, Evanston, Ill. Sterilization and preservation of spores. 2,333,505; Nov. 2.
- Allen Industries, Inc. (See Gordon, Jacob C., assignor.)
- Allen, James E., Ames, Iowa. Mattress handle. 2,322,995; June 29.
- Allen, John C. (See Schlumbrecht, J. J., and Allen.)
- Allen, Joseph W., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Electrical apparatus. 2,332,126; Oct. 19.
- Allen, Joseph W., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Voltage regulation. 2,336,523; Dec. 14.
- Allen, Lawrence H., Summit, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,333,140; Nov. 2.
- Allen, Lena O., Marion, Ind. Posture correcting foundation garment. 2,333,225; Nov. 2.
- Allen, Louis N., Jr. (See Titford, N., and Allen, Jr.)
- Allen, Oris W. (See Perrin, F. H., and Allen.)
- Allen, Morris F., Canton, Ohio. Road maintainer. 2,325,025; July 27.
- Allen, Paul E., Niles Center, Ill. Display container. 2,328,119; Aug. 31.
- Allen, Paul E., Skokie, Ill. Combined safety guard and toy. 2,330,538; Sept. 28.
- Allen, Ralph L. (See Gardner, R. M., and Allen.)
- Allen, Ralph S. (See Smith, Paul S., assignor.)
- Allen, Raymond P., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Treating calcium silicate. 2,314,188; Mar. 16.
- Allen, Raymond W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire shaping apparatus and method. 2,308,955; Jan. 19.
- Allen, Raymond W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire shaping apparatus. 2,324,986; July 20.
- Allen, Raymond W., and W. T. Runals, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Baling rubber. 2,324,995; July 20.
- Allen, Raynor W., and S. V. Carlisten, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Band cutter. 2,325,002; July 20.
- Allen, Reynolds, et al. (See Harrington, Lester B., assignor.)
- Allen, Robert C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Welded spindle construction. 2,317,092; Apr. 20.
- Allen, Roy O., Athens, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Driving device. 2,325,728; Aug. 3.
- Allen, Roy O., Athens, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Fluid actuated tool. 2,326,735; Aug. 17.
- Allen, Russell G., Alton, Ill., assignor to Owens-Illinois Glass Company. Selective control mechanism. 2,336,830; Dec. 14.
- Allen, S. L., & Co. (See Haagen, Charles W., assignor.)
- Allen-Sherman-Hoff Company, The. (See Allen, Frank B., assignor.)
- Allen-Sherman-Hoff Company, The. (See Berry, Bernard C., assignor.)
- Allen, Stephen E., El Centro, Calif. Safety signal. 2,336,451; Dec. 14.
- Allen, Thomas M., assignor to Bantam Bearings Corporation, South Bend, Ind. Bearing assembly means. 2,312,615; Mar. 2.
- Allen Wakes Adding Machine Corporation. (See Lambert, Harry L., assignor.)
- Allen, Wayne H., Los Angeles, Calif., and W. A. Reeves, 2300, Mass., assignors to General Electric Company. Antilock valve arrangement. 2,342,063; Feb. 23.
- Allen, William H., U. S. Army, Bowling Green, Ky. Practice shell. 2,322,212; June 22.
- Allen, William S., Pittsburgh, R. A. Dimon, Dormont, and E. S. Taylerson, Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corporation. Plating tank for electroposition of metals on metallic strip. 2,317,242; Apr. 20.
- Allen, William W., and J. C. Dawson, assignors to The Dow Chemical Company, Midland, Mich. Flammable mixture. 2,324,471; July 20.
- Allen, William W., and F. W. Fletcher, assignors to The Dow Chemical Company, Midland, Mich. Flammable mixtures. 2,324,472; July 20.
- Allen, William W., and R. D. Bivler, assignors to The Ohio Injector Company, Wadsworth, Ohio. Method of and machine for assembling inflation valve parts. 2,320,452; June 1.
- Allender, Samuel S., New York, N. Y., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,314,435; Mar. 23.
- Allender, Samuel S., New York, N. Y., assignor to Universal Oil Products Company, Chicago, Ill. Pumping of liquids. 2,315,179; Mar. 30.
- Allendörfer, Arthur. (See Alvers, F., and Allendörfer.)
- Alles, Francis P., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Spinning of cellulose acetate gum. 2,308,141; Jan. 12.
- Alles, Francis P., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Regenerated cellulose apparatus. 2,316,212; Apr. 13.
- Alles, John J., Wilkes-Barre, Pa. Traffic signal control apparatus. 2,324,051; July 13.
- Alley, Robert C. (See Ogden, H. S., and Alley.)
- Alleyne, Ernest F., Nashville, Tenn. Obstetrical instrument. 2,323,183; June 29.
- Alfred Chemical & Dye Corporation. (See Allen, F. M., and Taylor, assignors.)
- Allied Chemical & Dye Corporation. (See Bullifant, Theodore A., assignor.)
- Allied Chemical & Dye Corporation. (See Clark, Earl W., assignor.)
- Allied Chemical & Dye Corporation. (See Cline, Edwin L., assignor.)
- Allied Chemical & Dye Corporation. (See Cole, Percy J., assignor.)
- Allied Chemical & Dye Corporation. (See Cooper, William C., Jr., assignor.)
- Allied Chemical & Dye Corporation. (See Crowell, Joyce H., assignor.)
- Allied Chemical & Dye Corporation. (See Ehrlich, Melville, assignor.)
- Allied Chemical & Dye Corporation. (See Flett, Lawrence H., assignor.)
- Allied Chemical & Dye Corporation. (See Gaskill, Edwin A., Jr., assignor.)
- Allied Chemical & Dye Corporation. (See Greenburg, Richard B., assignor.)
- Allied Chemical & Dye Corporation. (See Harris, J. M., Jr., Wroby, and Brown, assignors.)
- Allied Chemical & Dye Corporation. (See Houghton, A. S., and McNutt, assignors.)
- Allied Chemical & Dye Corporation. (See Kerr, Earl G., assignor.)
- Allied Chemical & Dye Corporation. (See King, W. A., Kleiner, and Krotzer, assignors.)
- Allied Chemical & Dye Corporation. (See Miller, Alfred, assignor.)
- Allied Chemical & Dye Corporation. (See Miller, Stuart P., assignor.)
- Allied Chemical & Dye Corporation. (See Morgan, Oliver M., assignor.)
- Allied Chemical & Dye Corporation. (See Ogilvie, James, assignor.)
- Allied Chemical & Dye Corporation. (See Reimers, Frederick E., assignor.)
- Allied Chemical & Dye Corporation. (See Riegler, Riewen, assignor.)
- Allied Chemical & Dye Corporation. (See Talbert, Guy W., assignor.)
- Allied Chemical & Dye Corporation. (See Tefft, Ralph F., assignor.)
- Allied Chemical & Dye Corporation. (See Toone, Gilbert C., assignor.)
- Allied Chemical & Dye Corporation. (See Toone, G. C., and Flett, assignors.)
- Allied Chemical & Dye Corporation. (See Zavertnik, Joseph, assignor.)
- Allied Control Company. (See Ebert, Frank C., assignor.)

- Allied Control Company. (See Ebert, Joseph F., assignor.)
- Allied Control Company. (See Ruthven, William, assignor.)
- Allied Industries. (See Weiner, Henry.)
- Allied Laboratories, Inc. (See Donleavy, John J., assignor.)
- Allied Latex Corporation. (See Maywald, Frederick J., Jr., assignor.)
- Allied Manufacturers, Inc. (See Boehm, N. J., and Staub, assignors.)
- Allied Minerals, Inc. (See Shea, Vincent H., assignor.)
- Allied Shoe Machinery Corp. (See Perri, Angelo, assignor.)
- Allin, George S., assignor to Isaacson Iron Works, Seattle, Wash. Tractor. 2,310,727; Feb. 9.
- Allin, George S., assignor to Isaacson Iron Works, Seattle, Wash. Tractor. 2,311,922; Feb. 23.
- Allin, George S., assignor to Isaacson Iron Works, Seattle, Wash. Hydraulic power system for tractors. 2,325,729; Aug. 3.
- Allin, George S., assignor to Isaacson Iron Works, Seattle, Wash. Cable power unit. 2,334,167; Nov. 16.
- Alling, E. Roy, Kenmore, N. Y. Weigh tank. 2,328,885; Sept. 7.
- Alling, E. Roy, Kenmore, and C. F. Ulrich; said Ulrich assignor to Rice & Adams Corporation, Buffalo, N. Y. Drying of hollow containers. 2,313,040; Mar. 9.
- Allinson, John J., assignor to Lion Oil Refining Company, El Dorado, Ark. Preparing bituminous emulsion. 2,324,473; July 20.
- Allinson, John J., J. W. Poole, and F. R. Grant, assignors to Lion Oil Refining Company, El Dorado, Ark. Method for treating gasoline. 2,323,079; June 29.
- Allinson, John J., J. W. Poole, and F. R. Grant, assignors to Lion Oil Refining Company, El Dorado, Ark. Treating gasoline. 2,325,581; Aug. 3.
- Allis-Chalmers Manufacturing Company. (See Allen, Robert C., assignor.)
- Allis-Chalmers Manufacturing Company. (See Altorfer, Hans A., assignor.)
- Allis-Chalmers Manufacturing Company. (See Altorfer, H. A., and Loberg, assignors.)
- Allis-Chalmers Manufacturing Company. (See Anderson, H. R., Wilkinson, and Ray, assignors.)
- Allis-Chalmers Manufacturing Company. (See Beckwith, Sterling, assignor.)
- Allis-Chalmers Manufacturing Company. (See Bimpson, H. S., and Bilbe, assignors.)
- Allis-Chalmers Manufacturing Company. (See Blood, Arthur R., assignor.)
- Allis-Chalmers Manufacturing Company. (See Durand, Samuel R., assignor.)
- Allis-Chalmers Manufacturing Company. (See Frudden, Conrad E., assignor.)
- Allis-Chalmers Manufacturing Company. (See Gorman, Wilbur R., assignor.)
- Allis-Chalmers Manufacturing Company. (See Herder, Carl D., assignor.)
- Allis-Chalmers Manufacturing Company. (See Johnson, William C., assignor.)
- Allis-Chalmers Manufacturing Company. (See Michael, John H., assignor.)
- Allis-Chalmers Manufacturing Company. (See Michael, J. H., and Sillers, assignors.)
- Allis-Chalmers Manufacturing Company. (See Montgomery, Terrill B., assignor.)
- Allis-Chalmers Manufacturing Company. (See Montgomery, T. B., Sellers, and Pickslay, assignors.)
- Allis-Chalmers Manufacturing Company. (See Nichols, P. K., and King, assignors.)
- Allis-Chalmers Manufacturing Company. (See Norellus, Emil F., assignor.)
- Allis-Chalmers Manufacturing Company. (See Oberlink, Boyd S., assignor.)
- Allis-Chalmers Manufacturing Company. (See Otto, Eugene J., assignor.)
- Allis-Chalmers Manufacturing Company. (See Rettallata, John T., assignor.)
- Allis-Chalmers Manufacturing Company. (See Ring, J. J., and Nichols, assignors.)
- Allis-Chalmers Manufacturing Company. (See Scranton, Charles J., assignor.)
- Allis-Chalmers Manufacturing Company. (See Tanke, Willard H., assignor.)
- Allis-Chalmers Manufacturing Company. (See Winograd, Harold, assignor.)
- Allis, Louis, Company, The. (See Smith, H. L., and Rathbun, assignors.)
- Allison Company, The. (See Allison, Hugh V., assignor.)
- Allison, Elton R., Wharton, and E. S. Goodyear, Kenvil, N. J., assignors to Hercules Powder Company, Wilmington, Del. Propellant powder. 2,329,575; Sept. 14.
- Allison, George W., St. Albans, N. Y., assignor to Mergenthaler Linotype Company, Manufacture of the cap portions of typographical slug casting molds. 2,307,185; Jan. 5.
- Allison, Hugh V., Fairfield, assignor to The Allison Company, Bridgeport, Conn. Manufacturing of hard rubber articles. 2,311,605; Feb. 16.
- Allison, Hugh V., Fairfield, assignor to The Allison Company, Bridgeport, Conn. Abrasive article and making same. 2,334,526; Nov. 16.
- Allison, Leslie R. (See Nicholson, F. H., and Allison, assignors.)
- Allison, Leslie R., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,312,303; Mar. 2.
- Allison, Leslie R., Forrest Hills, and C. Volz, Penn Township, Allegheny County, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,336,766; Dec. 14.
- Allison, Oliver J., assignor of one-half to O'N. A. Diaz, New Orleans, La. Automobile tire force pump. 2,310,565; Feb. 9.
- Allison, Wilson M., Knockshegowna, Swinburne, Orange Free State, Union of South Africa. Compression ratio control. 2,326,912; Aug. 17.
- Almanna Svenska Elektriska Aktiebolaget. (See Ericson, Nils, assignor.)
- Almanna Svenska Elektriska Aktiebolaget. (See Lamm, Uno, assignor.)
- Almanna Svenska Elektriska Aktiebolaget. (See Pyk, Sven C., assignor.)
- All Metal Products Company. (See Gora, J. J., and Wyrick, assignors.)
- Always, Guy, Seattle, Wash. Portable scaffold. 2,308,142; Jan. 12.
- Alloy Processes Limited. (See Gentil, Henri L., assignor.)
- Alloy Steel & Metals Company. (See Francis, Paul R., assignor.)
- All Purpose Gold Corporation. (See Quick, Frederick A., assignor.)
- Alfred, George W., Mayodan, assignor to The Bahnson Company, Winston-Salem, N. C. Apparatus for cleaning machinery. 2,325,023; July 27.
- Allshouse, Harry. (See Dyer, Rex H., assignor.)
- Allshouse, Harry A., Kansas City, Mo., A. D. Button, and R. W. Frazier, assignors to The Wichita Casket Company, Wichita, Kans. Casket. 2,318,353; May 4.
- Allstadt, Erich, Frankfurt-on-the-Main, Germany; vested in the Alien Property Custodian. Internal combustion engine. 2,326,913; Aug. 17.
- Alltools, Limited. (See Graves, A., and Prichard, assignors.)
- Allwein, Aloysius F., and E. C. Burdick, assignors to The Brown Instrument Company, Philadelphia, Pa. Pressure measuring instrument. 2,325,091; July 27.
- Allyn, Robert S., et al. (See Harvey, James W., assignor.)
- Allyn, William G. (See Allyn, William N. and W. G.)
- Allyn, William N., Skaneateles, N. Y. Ophthalmoscope. 2,311,502; Feb. 16.
- Allyn, William N. and W. G., Skaneateles, N. Y. Ophthalmoscope. 2,311,503; Feb. 16.
- Allyne, Edmund E., assignor to Allyne Laboratories, Inc., Cleveland, Ohio. Evaporator unit. 2,313,499; Mar. 9.
- Allyne Laboratories, Inc. (See Allyne, E. E., assignor.)
- Alm, Thure W., Stewart Manor, N. Y., assignor to International Cigar Machinery Company. Moistening crimper for fresh work cigar machines. 2,307,738; Jan. 12.
- Alma, Gerrit H. P., M. J. O. Strutt and A. van der Ziel, Eindhoven, Netherlands; vested in the Alien Property Custodian. Circuit for the amplification and/or frequency transformation of electrical oscillations of ultra high frequency. 2,314,916; Mar. 30.
- Almetal Universal Joint Company, The. (See Misch, Albert F., assignor.)
- Almgren, August E. (See Hotherhall, J. M., and Almgren.)
- Almond, John R., assignor to The Midland Steel Products Company, Cleveland, Ohio. Door and brake interlock. 2,311,806; Feb. 23.
- Almond, Lester L., Frank Ferguson, and James F. Baker, assignors to Cluett, Peabody & Co., Inc., Troy, N. Y. Making button stays. 2,334,685; Nov. 16.
- Almond, T. R., Manufacturing Co. (See Hubbell, Minott P., assignor.)
- Almquist, Ephraim J., Winona, Minn. Thread comparator. 2,331,882; Oct. 19.
- Almquist, Nils T. (See Anderson, O. M., and Almquist.)
- Almy, Richard E., Warwick, R. I., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn winding device. 2,317,874; Apr. 27.
- Almy, Richard E., Greenwood, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 2,329,027; Sept. 7.
- AlmCo, Inc. (See Walker, Victor, assignor.)
- Alpaugh, Albert. (See Gallot, C., and Alpaugh.)
- Alox Corporation. (See Burwell, Arthur W., assignor.)
- Alox Corporation. (See Burwell, A. W., and Camelford, assignors.)
- Alox Corporation. (See Shields, James E., assignor.)
- Alparin, Louis F., Scranton, Pa. Safety reversible window. 2,332,500; Oct. 26.
- Alquist, Francis N., assignor to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,331,155; Oct. 5.
- Alose Chemical Company. (See Weisberg, M., and Corman, assignors.)
- Alsing, Carl F., Wilbraham, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,317,709; Apr. 27.

- Alsep, Samuel, Milldale, Conn. Filter. 2,313,612; Mar. 9.
- Alsep, Samuel, Milldale, Conn. Filter and pump support. 2,325,169; July 27.
- Alstrom, Ernest F., Jr., Cicero, Ill. Pen. 2,332,771; Oct. 26.
- Altamus, James D., Roslyn, N. Y. De-icing device for airplane propellers, wings, and the like. 2,317,019; Apr. 20.
- Altshuler, Orville L., Toledo, Ohio. Artificial horizon for optical instruments. 2,335,893; Dec. 7.
- Altener & Sons, Theo. (See Mock, Oliver J., assignor.)
- Alten, Harry, Company, The. (See Schaefer, Harold W., assignor.)
- Altgelt, Herman E., South Bend, Ind., assignor to Oliver Farm Equipment Company. Plow construction. 2,308,667; Jan. 19.
- Altgelt, Herman E., South Bend, Ind., assignor to Oliver Farm Equipment Company. Tractor plow. 2,312,616; Mar. 2.
- Altgelt, Rudolph J. (See Gemberling, C. H., and Altgelt.)
- Althouse, Charles S., Bern Township, Berks County, Pa. Camouflage pencil. 2,331,527; Nov. 16.
- Althouse, William S., Jr. (See Burt, C. H., and Althouse.)
- Amek, Bernard P. (See Goodyear, C. E., and Amek.)
- Almon, Adel M., Chicago, and E. J. Shaw, Western Springs, assignors to A. B. 184 Company, Chicago, Ill. Sterilization. 2,333,621; Nov. 9.
- Altman, Bernard, and P. Stiller, New York, N. Y. Steam electric sashion. 2,322,103; June 15.
- Altman, Harry J., assignor to David Korn & Co. Inc., New York, N. Y. Garment. 2,333,401; Nov. 2.
- Altner Bros. Company. (See Castricone, John A., assignor.)
- Altner, Hans A., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Turbine inlet piping. 2,331,645; Oct. 12.
- Altner, Hans A., and H. T. Lohrer, Wauwatosa, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Turbine inlet piping. 2,331,644; Oct. 12.
- Altner, Henry W., Peoria, Ill. Adjustable pressure wringer. 2,317,575; Apr. 27.
- Aluminum Company of America. (See Andrews R. W., Jr., and Delfy, assignors.)
- Aluminum Company of America. (See Blackman, E. V., and Mikula, assignors.)
- Aluminum Company of America. (See Braglio, Charles, assignor.)
- Aluminum Company of America. (See Brown, R. H., and Mears, assignors.)
- Aluminum Company of America. (See Colson, Herman H., assignor.)
- Aluminum Company of America. (See Dillon, Harold H., assignor.)
- Aluminum Company of America. (See Freeman, Malcolm H., assignor.)
- Aluminum Company of America. (See Gettig, Allen D., assignor.)
- Aluminum Company of America. (See Growdon, J. P., and Belfuss, assignors.)
- Aluminum Company of America. (See Hall, George W., assignor.)
- Aluminum Company of America. (See Harmon, Edward H., assignor.)
- Aluminum Company of America. (See Hoglund, Gustav O., assignor.)
- Aluminum Company of America. (See Lane, N. B., Mingle, and Colson, assignors.)
- Aluminum Company of America. (See McFadden, Benjamin C., assignor.)
- Aluminum Company of America. (See Miller, Mike A., assignor.)
- Aluminum Company of America. (See Mussey, Delavan S., assignor.)
- Aluminum Company of America. (See Pettit, Ralph E., assignor.)
- Aluminum Company of America. (See Shawcross, Roy, assignor.)
- Aluminum Company of America. (See Smith, James N., assignor.)
- Aluminum Company of America. (See Stroup, Philip T., assignor.)
- Aluminum Company of America. (See Warcham, Roy M., assignor.)
- Aluminum Company of America. (See Welty, George D., assignor.)
- Aluminum Laboratories Limited. (See Hone, André, assignor.)
- Alvear, Victor, Passaic, N. J. Bunghole stopper. 2,325,356; July 27.
- Alvey Conveyor Manufacturing Co. (See Alvey, John M., assignor.)
- Alvey-Ferguson Company, The. (See Schenk, Adelbert J., assignor.)
- Alvey-Ferguson Company, The. (See Smith, Donald P., assignor.)
- Alvey, Glenn H., San Antonio, and F. Hubert, Jr., Houston, assignors to Uvalde Rock Asphalt Company, San Antonio, Tex. Method and apparatus for marbleizing plastic compositions. 2,314,062; Mar. 16.
- Alvey, John M., Glendale, assignor to Alvey Conveyor Manufacturing Co., St. Louis, Mo. Bucket conveyor. 2,318,658; May 11.
- Alvord, Charles B., Marquette, Mich., assignor to United States Gypsum Company, Chicago, Ill. Running board. 2,326,600; Aug. 10.
- Alvord, Charles C., assignor to Norton Company, Worcester, Mass. Grinding machine-carriage reciprocating mechanism. 2,327,486; Aug. 24.
- Alvos, Dell, Guadalupe, Calif. Promoting plant growth. 2,323,609; July 6.
- Alward, Francis, Lexington, Mass. Fuel injector timing device. 2,331,156; Oct. 5.
- Alwin Manufacturing Company. (See Krueger, Albert G., assignor.)
- Amalgamated Engineering & Research Corporation. (See Becker, Henry E., assignor.)
- Amalgamated Wireless (Australasia) Limited. (See Green, Alfred L., assignor.)
- Amann, Philip F. (See Kane, J. H., Finlay, and Amann.)
- Amberg, Walter E., Beverly Shores, Ind. Constant velocity universal joint. 2,325,400; July 27.
- Amberg, Walter E., Beverly Shores, Ind., assignor to Universal Paper Products Company, Chicago, Ill. Paper cup. 2,316,150; Apr. 13.
- Amberg, Walter E., Beverly Shores, Ind., assignor to Universal Paper Products Company, Chicago, Ill. Collapsible tube container. 2,322,215; June 22.
- Amberg, Walter E., assignor to Universal Paper Products Company, Chicago, Ill. Paper cup. 2,323,287; July 6.
- Amberg, Walter E., assignor to Universal Paper Products Company, Chicago, Ill. Paper cup. 2,323,288; July 6.
- Amberg, Walter E., assignor to Universal Paper Products Company, Chicago, Ill. Carton cup dispenser. 2,325,211; July 27.
- Ambrose, Paul M., College Park, Md., assignor to Chicago Development Company, Chicago, Ill. Purification of manganese electrolyte solutions. 2,316,750; Apr. 20.
- Ambruster, Cornelius, Roslyn, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Electric storage battery. 2,324,185; July 13.
- Ambruster, Cornelius, Roslyn, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Cover structure for storage batteries. 2,328,535; Sept. 7.
- Amelung, John. (See Sanderson, W. Amelung, and Walther.)
- Amend, William J., Seaford, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic oxidation. 2,316,543; Apr. 13.
- Ament, Charles C., Beverly Hills, Calif. Animal exerciser. 2,307,905; Jan. 12.
- Amer, Lee J., Medford, Oreg. Holder. 2,332,772; Oct. 26.
- American Abrasive Metals Company. (See Bashore, Homer H., assignor.)
- American Abrasive Metals Company. (See Sayre, William H., assignor.)
- American Air Filter Company. (See Dahlman, Verner, assignor.)
- American Air Filter Company. (See Dahlman, V., and Nutting, assignors.)
- American Air Filter Company. (See Fitch, H. M., and Gregory, assignors.)
- American Air Filter Company. (See Hogan, C. P., Starks, and Dahlman, assignors.)
- American Air Filter Company. (See Pfau, A. C., and Liskow, assignors.)
- American Airline Products, Inc. (See Steiger, N., and Hurdle, assignors.)
- American Anode Inc. (See Hanson, Merrill E., assignor.)
- American Anode Inc. (See Szegvari, A., and Felkert, assignors.)
- American Anode Inc. (See Thomas, Robert E., assignor.)
- American Anode Inc. (See Winder, George L., assignor.)
- American Arch Company. (See Siegel, Chester A., assignor.)
- American Anode Inc. (See Beal, C. L., and Winder, assignors.)
- American Armament Corporation. (See Brayton, Harold M., assignor.)
- American Armament Corporation. (See Joyce, Bryan P., assignor.)
- American Armament Corporation. (See Joyce, B. P., Brayton, Walsh, and Dardick, assignors.)
- American Bemberg Corporation. (See Brookshire, Walter, assignor.)
- American Bitumuls Company. (See Cole, W. G., and Buckley, assignors.)
- American Bitumuls Company. (See McCoy, Paul E., assignor.)
- American Bitumuls Company. (See Watts, V. E., and McCoy, assignors.)
- American Blower Corporation, The. (See Allison, Noah L., assignor.)
- American Blower Corporation. (See Danz, Harry O., assignor.)
- American Blower Corporation. (See Walters, Thomas A., assignor.)
- American Bolex Company. (See Fishter, Jacob F., assignor.)
- American Bosch Corporation. (See Coe, F. S., and Gibson, assignors.)
- American Bosch Corporation. (See Crocker, William D., assignor.)
- American Bosch Corporation. (See Martin, J. F., Schwarzmann, and Bach, assignors.)

- American Bosch Corporation. (See Parsons, Ben G., assignor.)
- American Bosch Corporation. (See Schwarzmann, W. E., Cow, and Rosenthal, assignors.)
- American Bowling and Billiard Corporation. (See Bancroft, James E., assignor.)
- American Box Board Company. (See Anderson, Wilbur G., assignor.)
- American Box Board Company. (See Bonfield, Emmons W., assignor.)
- American Box Board Company. (See Sprague, Clarence B., assignor.)
- American Box Board Company. (See Van Wingen, Neil P., assignor.)
- American Brake Shoe Company. (See Harris, L. T., and Murtaugh, assignors.)
- American Brake Shoe Company. (See Healy, Thomas J., assignor.)
- American Brake Shoe Company. (See Mantle, Burr W., assignor.)
- American Brake Shoe Company. (See Murtaugh, Joseph P., assignor.)
- American Brake Shoe Company. (See Ratkowski, Thomas A., assignor.)
- American Brake Shoe Company. (See Wilson, Rosser L., assignor.)
- American Brake Shoe & Foundry Company, The. (See Browne, Lindsay H., assignor.)
- American Brake Shoe and Foundry Company, The. (See Bruton, William C., assignor.)
- American Brake Shoe and Foundry Company, The. (See Harris, Leonard T., assignor.)
- American Brake Shoe and Foundry Company, The. (See Huber, Albert F., assignor.)
- American Brake Shoe and Foundry Company, The. (See Lerner, Earl A., assignor.)
- American Brake Shoe and Foundry Company, The. (See Nache, Perry L., assignor.)
- American Brake Shoe and Foundry Company, The. (See Ratkowski, Thomas A., assignor.)
- American Brake Shoe and Foundry Company, The. (See Wilson, Rosser L., assignor.)
- American Brass Company, The. (See Jennison, H. C., and Bradley, assignors.)
- American Brass Company, The. (See Vaill, John L., assignor.)
- American Brass Company, The. (See Williams, Arthur L., assignor.)
- American Cabinet Hardware Corp. (See Aldeen, Gedor W., assignor.)
- American Cabinet Hardware Corporation. (See Aldeen, G. W., and Borchers, assignors.)
- American Cabinet Hardware Corporation. (See Borchers, Earl, assignor.)
- American Cabinet Hardware Corporation. (See Engstrom, Folke G. H., assignor.)
- American Can Company. (See Augensen, Alf T., assignor.)
- American Can Company. (See Bach, Neils P., assignor)
- American Can Company. (See Batcheler, E. F., and Peterson, assignors.)
- American Can Company. (See Berg, Thomas, assignor.)
- American Can Company. (See Bensch, Duryoa, assignor.)
- American Can Company. (See Cereghino, Joseph, assignor.)
- American Can Company. (See Cox, H. F., Jr., and Felber, assignors.)
- American Can Company. (See Dahlgren, Charles H., assignor.)
- American Can Company. (See Dalton, Eloy E., assignor.)
- American Can Company. (See Dushner, Francis J., assignor.)
- American Can Company. (See Eckman, George E., assignor.)
- American Can Company. (See Eidson, Robert W., assignor.)
- American Can Company. (See Erb, George C., assignor.)
- American Can Company. (See Felber, Joseph, assignor.)
- American Can Company. (See Freeman, Richard D., assignor.)
- American Can Company. (See Geertsen, Nelson, assignor.)
- American Can Company. (See Hothersall, John M., assignor.)
- American Can Company. (See Hothersall, J. M., and Almgren, assignors.)
- American Can Company. (See Hunter, John S., assignor.)
- American Can Company. (See Jordan, Warren D., assignor.)
- American Can Company. (See Jordan, W. D., and Mondloch, assignors.)
- American Can Company. (See Magill, Donald G., assignor.)
- American Can Company. (See Maher, William W., assignor.)
- American Can Company. (See McCann, Leland R., assignor.)
- American Can Company. (See McLaughlin, Michael J., assignor.)
- American Can Company. (See Melzer, Julius, assignor.)
- American Can Company. (See Meyer, W. A., and Beck, assignors.)
- American Can Company. (See Murch, John H., assignor.)
- American Can Company. (See Murch, J. H., and Winters, assignors.)
- American Can Company. (See Nordquist, Ronald E. J., assignor.)
- American Can Company. (See Nordquist, R. E. J., and Bryant, assignors.)
- American Can Company. (See Nyden, Robert, assignor.)
- American Can Company. (See Odquist, Harold T., assignor.)
- American Can Company. (See Odquist, H. T., and Shmurak, assignors.)
- American Can Company. (See Paynter, Horace J., assignor.)
- American Can Company. (See Pechy, William, assignor.)
- American Can Company. (See Peck, Carl F., assignor.)
- American Can Company. (See Pelosi, Nicholas, assignor.)
- American Can Company. (See Peters, John F., assignor.)
- American Can Company. (See Peterson, Howard B., assignor.)
- American Can Company. (See Preis, Carl G., assignor.)
- American Can Company. (See Reese, Garland W., assignor.)
- American Can Company. (See Robinson, John E., assignor.)
- American Can Company. (See Robinson, M. E., and Swanson, assignors.)
- American Can Company. (See Saubestre, Basil F., assignor.)
- American Can Company. (See Seymer, Richard H., assignor.)
- American Can Company. (See Shmurak, Benjamin, assignor.)
- American Can Company. (See Socke, John E., assignor.)
- American Can Company. (See Staples, Sidney J., assignor.)
- American Can Company. (See Stewart, James A., assignor.)
- American Can Company. (See Taylor, Russell C., assignor.)
- American Can Company. (See Taylor, William E., assignor.)
- American Can Company. (See Then, Edward O., assignor.)
- American Can Company. (See Trevisan, Louis A., assignor.)
- American Can Company. (See White, Richard J., assignor.)
- American Can Company. (See Widell, Magnus E., assignor.)
- American Can Company. (See Winters, William P., assignor.)
- American Can Company. (See Wobbe, Delbert E., assignor.)
- American Can Company. (See Wolfe, Herbert J., assignor.)
- American Can Company. (See Woolford, Custis S., assignor.)
- American Can Company. (See Zabler, Erwin E., assignor.)
- American Can Co. (See Ziehmer, George P., Jr., assignor.)
- American Car and Foundry Company. (See Cassens, F. G., Evans, and Hertzsch, assignors.)
- American Car and Foundry Company. (See Cassens, F. G., and Ron, assignors.)
- American Car and Foundry Company. (See Euwer, Herbert D., assignor.)
- American Car and Foundry Company. (See Kepner, Robert C., assignor.)
- American Car and Foundry Company. (See McBride, John J., assignor.)
- American Car and Foundry Company. (See Miller, H., and Schlenther, assignors.)
- American Car and Foundry Company. (See Morey, W. E., and Nichols, assignors.)
- American Car and Foundry Company. (See Oleksiw, Jerome J., assignor.)
- American Car and Foundry Company. (See Pellnitz, Herman G., assignor.)
- American Car and Foundry Company. (See Schroeder, E. R., and Willoughby, assignors.)
- American Car and Foundry Company. (See Willoughby, Victor, assignor.)
- American Cast Iron Pipe Company. (See Stevens, Fred, assignor.)
- American Centrifugal Corporation. (See Henkel, George E., assignor.)
- American Chain & Cable Company. (See Bratz, Otto J., assignor.)
- American Chain & Cable Company. (See Reyburn, John R., assignor.)
- American Chain & Cable Company. (See Robinson, Harry G., assignor.)
- American Chain & Cable Company. (See Southwell, R. J., and Conner, assignors.)
- American Chain & Cable Company. (See Walklet, Mercer D., assignor.)
- American Chemical Paint Company. (See Jones, Franklin D., assignor.)
- American Chemical Paint Company. (See Romig, Gerald C., assignor.)

- American Chicle Company. (See Hoopes, Penrose R., assignor.)
 American Cigarette and Cigar Company. (See Garratt, Alan C., assignor.)
 American Coach & Body Company, The. (See Kelleher, D., and Troche, assignors.)
 American Coach and Body Company, The. (See Troche, H. J., and Kelleher, assignors.)
 American Cream Tartar Co. (See Davies, Newell A., assignor.)
 American Creosoting Company. (See Kidder, Elwin H., assignor.)
 American Cyanamid Company. (See Anderson, George W., assignor.)
 American Cyanamid Company. (See Ashley, Kenneth D., assignor.)
 American Cyanamid Company. (See Barnes, Robert B., assignor.)
 American Cyanamid Company. (See Boor, L., and Bourdelaix, assignors.)
 American Cyanamid Company. (See Booth, Robert B., assignor.)
 American Cyanamid Company. (See Bradley, Margaret H., assignor.)
 American Cyanamid Company. (See Bradley, Theodore F., assignor.)
 American Cyanamid Company. (See Carpenter, Erwin L., assignor.)
 American Cyanamid Company. (See Caryl, Coleman R., assignor.)
 American Cyanamid Company. (See Christmann, L. J., and Erickson, assignors.)
 American Cyanamid Company. (See Christmann, L. J., Jayne and Erickson, assignors.)
 American Cyanamid Company. (See Christmann, L. J., Jayne, Jr., and Erickson, assignors.)
 American Cyanamid Company. (See Cook, E. W., and Bradley, assignors.)
 American Cyanamid Company. (See Cook, E. W., and Thomas, assignors.)
 American Cyanamid Company. (See Dawson, William O., assignor.)
 American Cyanamid Company. (See Dean, Russell T., assignor.)
 American Cyanamid Company. (See Dieterle, Henry F., assignor.)
 American Cyanamid Company. (See Dolt, M. L., and Hill, assignors.)
 American Cyanamid Company. (See English, J. P., and Paden, assignors.)
 American Cyanamid Company. (See Ericks, Walter P., assignor.)
 American Cyanamid Company. (See Ericks, W. P., and McClellan, assignors.)
 American Cyanamid Company. (See Erickson, Stephen E., assignor.)
 American Cyanamid Company. (See Erickson, Stephen E. and Jayne, Jr., assignors.)
 American Cyanamid Company. (See Falconer, S. A., and Erickson, assignors.)
 American Cyanamid Company. (See Foster, G. H., and Lento, Jr., assignors.)
 American Cyanamid Company. (See Grim, J. M., and Dawson, assignors.)
 American Cyanamid Company. (See Ham, Garnet P., assignor.)
 American Cyanamid Company. (See Ham, G. P., and Barnes, assignors.)
 American Cyanamid Company. (See Hanslick, Roy S., assignor.)
 American Cyanamid Company. (See Hechenbleikner, Ingomin, assignor.)
 American Cyanamid Company. (See Hill, William H., assignor.)
 American Cyanamid Company. (See Hultquist, Martin E., assignor.)
 American Cyanamid Company. (See Hultquist, M. E., and Crossley, assignors.)
 American Cyanamid Company. (See Jayne, David W., Jr., assignor.)
 American Cyanamid Company. (See Jayne, D. W., and Day, assignors.)
 American Cyanamid Company. (See Jayne, D. W., Jr., Day, and Gieseke, assignors.)
 American Cyanamid Company. (See Jayne, D. W., Jr., Erickson, and Day, assignors.)
 American Cyanamid Company. (See Jayne, D. W., Jr., and Schroy, assignors.)
 American Cyanamid Company. (See Jayne, D. W., Day, and Erickson, assignors.)
 American Cyanamid Company. (See Jewett, Joseph E., assignor.)
 American Cyanamid Company. (See Johnston, William B., assignor.)
 American Cyanamid Company. (See Johnstone, E. P., Jr., and van Lee, assignors.)
 American Cyanamid Company. (See Jones, William A., assignor.)
 American Cyanamid Company. (See King, V. L., Foote, and Felch, assignors.)
 American Cyanamid Company. (See King, V. L., Mensing, and Felch, assignors.)
 American Cyanamid Company. (See Kienle, R. H., and American Cyanamid Company. (See Kienle, R. H., Park, Benbrook, and Greib, assignors.)
 American Cyanamid Company. (See Kirk, Philip M., assignor.)
 American Cyanamid Company. (See Kropa, Edward L., assignor.)
 American Cyanamid Company. (See Kruppa, William J., assignor.)
 American Cyanamid Company. (See Lacey, Harold T., assignor.)
 American Cyanamid Company. (See Landes, C. G., and Crossley, assignors.)
 American Cyanamid Company. (See Laury, Napoleon A., assignor.)
 American Cyanamid Co. (See Liddel, Urner, assignor.)
 American Cyanamid Company. (See Liddel, U., and Barnes, assignors.)
 American Cyanamid Company. (See Light, D. W., Bradley, and Nute, assignors.)
 American Cyanamid Company. (See Lynch, Kathryn L., assignor.)
 American Cyanamid Company. (See Mackenzie, Neil M., assignor.)
 American Cyanamid Company. (See Marsh, Corbin, assignor.)
 American Cyanamid Company. (See McClellan, P. P., and Bacon, assignors.)
 American Cyanamid Company. (See McClellan, P. P., and Ericks, assignors.)
 American Cyanamid Company. (See McLachlan, Dan, Jr., assignor.)
 American Cyanamid Company. (See Migrdichian, Varian, assignor.)
 American Cyanamid Company. (See Millson, Henry E., assignor.)
 American Cyanamid Company. (See Moore, William, assignor.)
 American Cyanamid Company. (See Moore, L. P., and Ericks, assignors.)
 American Cyanamid Company. (See Moore, W., and Roblin, Jr., assignors.)
 American Cyanamid Company. (See Moore, W., and Roblin, assignors.)
 American Cyanamid Company. (See Nagy, Daniel E., assignor.)
 American Cyanamid Company. (See Niedercorn, J. G., and Dawson, assignors.)
 American Cyanamid Company. (See Northey, E. H., and Pheen, assignors.)
 American Cyanamid Company. (See Osborne, John L., assignor.)
 American Cyanamid Company. (See Oldham, Wilbur N., assignor.)
 American Cyanamid Company. (See Paden, J. H., and Kirk, assignors.)
 American Cyanamid Company. (See Park, Robert H., assignor.)
 American Cyanamid Company. (See Parker, Robert P., assignor.)
 American Cyanamid Company. (See Pineo, Orrin W., assignor.)
 American Cyanamid Company. (See Patterson, D. G., assignor.)
 American Cyanamid Company. (See Post, E. E., and Bond, assignors.)
 American Cyanamid Company. (See Reider, Malcolm J., assignor.)
 American Cyanamid Company. (See Ripper, Kurt E., assignor.)
 American Cyanamid Company. (See Roblin, Richard O., Jr., assignor.)
 American Cyanamid Company. (See Roblin, R. O., Jr., and Anderson, assignors.)
 American Cyanamid Company. (See Roblin, R. O., Jr., and English, assignors.)
 American Cyanamid Company. (See Roblin, R. O., Jr., and Hechenbleikner, assignors.)
 American Cyanamid Company. (See Schroy, Paul C., assignor.)
 American Cyanamid Company. (See Shepard, Norman A., assignor.)
 American Cyanamid Company. (See Shurcliff, William A., assignor.)
 American Cyanamid Company. (See Stiegler, H. W., and Hood, assignors.)
 American Cyanamid Company. (See Stock, Charles R., assignor.)
 American Cyanamid Company. (See Swain, R. C., and Adams, assignors.)
 American Cyanamid Company. (See Thurston, Jack T., assignor.)
 American Cyanamid Company. (See Thurston, J. T., and Bradley, assignors.)
 American Cyanamid Company. (See Thurston, J. T., and Grim, assignors.)
 American Cyanamid Company. (See Thurston, J. T., and Nagy, assignors.)
 American Cyanamid Company. (See Thurston, J. T., and Kaiser, assignors.)
 American Cyanamid Company. (See Thurston, J. T., and Swain, assignors.)
 American Cyanamid Company. (See West, Herbert J., assignor.)

American Cyanamid Company. (See Wilkerson, Thomas L., assignor.)
 American Cyanamid Company. (See Williams, James H., assignor.)
 American Cyanamid Company. (See Winnek, Philip S., assignor.)
 American Cyanamid Company. (See Wintringham, A. C., and King, assignors.)
 American Cyanamid Company. (See Wolf, Clayton S., assignor.)
 American Cyanamid and Chemical Corporation. (See Clark, Le Roy V., assignor.)
 American Cyanamid and Chemical Corporation. (See Mayne, Lyle K., assignor.)
 American Chemical Paint Company. (See Romig, Gerald C., assignor.)
 American Dairies, Inc., et al. (See Turner, C. W., and Reineke, assignors.)
 American Dairy Cattle Club, The. (See Hill, L. O., and Short, assignors.)
 American Diagrid Corporation. (See Szego, Steven D., assignor.)
 American Display Company, The. (See Dunkelberger, Milton S., assignor.)
 American Display Company. (See Dunkelberger, M. S., and B. C., assignors.)
 American District Steam Company. (See Hall, Robert, assignor.)
 American District Steam Company. (See Hall, R., and Rhodes, assignors.)
 American District Telegraph Company. (See Evans, F. C., and Cowan, assignors.)
 American District Telegraph Company. (See Lindsay, M. H. A., and Pearson, assignors.)
 American District Telegraph Company, The. (See Farmer, P. M., Evans, and Spamer, assignors.)
 American District Telegraph Company. (See Muehter, and Thomer, assignors.)
 American Electrical Heater Company. (See Kuhn, F., Manfred W., assignor.)
 American Electro Metal Corporation. (See Schwarzkopf, Hans-H., assignor.)
 American Electro Metal Corporation. (See Volterra, Ramo U., assignor.)
 American Elevator & Machine Company. (See White, Kenneth M., assignor.)
 American Engineering Company. (See Harrison, Clifford E., assignor.)
 American Engineering Company. (See Lamond, Robert C., assignor.)
 American Enka Corporation. (See Bouhuys, Aleidis G., assignor.)
 American Enka Corporation. (See Helm, Gustav A.M., assignor.)
 American Enka Corporation. (See Koch, Theodoor, and van der Kroon, assignors.)
 American Enka Corporation. (See Lathrop, Albert H., assignor.)
 American Enka Corporation. (See Smith, Ralph C., assignor.)
 American Enka Corporation. (See Thurmond, G. I., and Brenner, assignors.)
 American Enka Corporation. (See Thurmond, G. I., Jacobs, and Brenner, assignors.)
 American Felt Company. (See Boeddinghaus, Hugo, assignor.)
 American Flange & Manufacturing Co. (See Amesbury, E. M., McCormack, Roberts, and Sample, assignors.)
 American Flange & Manufacturing Co. (See Draper, Charles T., assignor.)
 American Flange & Manufacturing Co. (See Sample, F. W., and Amesbury, assignors.)
 American Flange & Manufacturing Co. (See Shera, John W., assignor.)
 American Floor Surfacing Machine, The. (See Varrick, L., and Atkin, assignors.)
 American Forging & Socket Company. (See Saunders, W. S., and Hunden, assignors.)
 American Fork & Hoe Company, The. (See Adam, Louis D., assignor.)
 American Fork & Hoe Company, The. (See Lutman, Frank B., assignor.)
 American Fork & Hoe Company, The. (See Withington, Winthrop, assignor.)
 American Fork & Hoe Company, The. (See Whittenberger, Charles D., assignor.)
 American Fork & Hoe Company, The. (See Wood, Conrad, assignor.)
 American Foundry Equipment Company, The. (See Guite, Roy W., assignor.)
 American Gas Furnace Company. (See Farwick, Theodore, assignor.)
 American Hard Rubber Company. (See Bohn, Samuel, assignor.)
 American Hard Rubber Company. (See Hildring, Carl F., assignor.)
 American Hard Rubber Company. (See King, Harold D., assignor.)
 American Hard Rubber Company. (See Schelhammer, H. J., and Hiemann, assignors.)
 American Hard Rubber Company. (See Schelhammer, H. J., and Hunt, assignors.)
 American Hard Rubber Company. (See Siedschlag, Karl G., assignor.)

American Hardware Corporation, The. (See Gold, R. S., and Standler, assignors.)
 American Hardware Corporation, The. (See Welch, Nicholas A., assignor.)
 American Heat Reclaiming Corporation. (See Rosenblad, Curt B., assignor.)
 American Hospital Supply Corporation. (See McGaw, Foster G., assignor.)
 American Hospital Supply Corporation. (See Sanders, Clarence E., assignor.)
 American Hoses, Inc. (See McLaughlin, Robert W., Jr., assignor.)
 American Hyalcol Corporation. (See Bertsch, H., and Schmitt, assignors.)
 American Hyalcol Corporation. (See von Schuckmann, Gustav, assignor.)
 American Isangr Steel Corporation. (See Macklin, Paul M., assignor.)
 American Junior Aircraft Company. (See Lambert, Emile.)
 American-La France-Foamite Corporation. (See Lindsay, Charles H., assignor.)
 American-La France-Foamite Corporation. (See Steinicke, Frank R., assignor.)
 American-La France-Foamite Corporation. (See White, Clifford B., assignor.)
 American Latex Corporation. (See Stamberger, Paul, assignor.)
 American Laundry Machinery Company, The. (See Colclough, William, assignor.)
 American Laundry Machinery Company, The. (See Frey, Lester C., assignor.)
 American Laundry Machinery Company, The. (See Hanney, Angus F., assignor.)
 American Laundry Machinery Company, The. (See Heidenfelder, Fred A., assignor.)
 American Laundry Machinery Company, The. (See Johnson, Oscar W., assignor.)
 American Laundry Machinery Company, The. (See Matthews, Albert, assignor.)
 American Lava Corporation. (See Thurnauer, H., and Fichter, assignors.)
 American Legion Amador Post #108, Inc. (See Tavaris, Joseph G., assignor.)
 American Liquid Gas Corporation. (See Bodine, Albert G., Jr., assignor.)
 American Liquid Gas Corporation. (See Smith, Harold W., assignor.)
 American Locomotive Company. (See Anderson, J. W., and Hooker, assignors.)
 American Locomotive Company. (See Anderson, J. W., and Nichols, assignors.)
 American Locomotive Company. (See Barraja-Frauenfelder, J., and Schrom, assignors.)
 American Locomotive Company. (See Blunt, James G., assignor.)
 American Locomotive Company. (See Gunter, Addison Y., assignor.)
 American Locomotive Company. (See Gunter, A. Y., and Finckas, assignors.)
 American Locomotive Company. (See Miller, R., Jansen, and Anderson, assignors.)
 American Locomotive Company. (See Shaw, Wilbur A., assignor.)
 American Locomotive Company. (See Vaughan, Paul S., assignor.)
 American Lurgi Corporation. (See Barwasser, J., and Thum, assignors.)
 American Lurgi Corporation. (See Jaenicke, J., Knoop, Miedel, and Schweitzer, assignors.)
 American Lurgi Corporation. (See Knoop, H., and Miedel, assignors.)
 American Machine & Foundry Company. (See Arelt, Charles, assignor.)
 American Machine & Foundry Company. (See Fincke, D. M., and Brecht, assignors.)
 American Machine & Foundry Company. (See Jensen, Thormod, assignor.)
 American Machine and Foundry Company. (See Johnson, Carl W., assignor.)
 American Machine & Foundry Company. (See Lopez, Jesus, assignor.)
 American Machine & Foundry Company. (See Newman, Max M., assignor.)
 American Machine and Foundry Company. (See Patterson, Morehead, assignor.)
 American Machine & Foundry Company. (See Peterson, Pontus, assignor.)
 American Machine and Foundry Company. (See McGinley, James J., assignor.)
 American Machine & Foundry Company. (See Randolph, Clifford F., assignor.)
 American Machine & Foundry Company. (See Rundell, Rupert E., assignor.)
 American Machine and Metals, Inc. (See Bassett, Rex E., Jr., assignor.)
 American Machine and Metals, Inc. (See Bryson, Tandy A., assignor.)
 American Machine and Metals, Inc. (See Davis, Archibald H., Jr., assignor.)
 American Machine and Metals, Inc. (See Koepcke, Harry E., assignor.)
 American Machine and Metals, Inc. (See Martinson, Edwin O., assignor.)

- American Machine and Metals, Inc. (See Sonntag, Alfred, assignor.)
- American Machinery Corporation. (See Kennedy, M. D., and Sias, assignors.)
- American Maize-Products Company. (See Daly, R. E., and Walsh, assignors.)
- American Maize-Products Company. (See Drury, Richard C., assignor.)
- American Maize-Products Company. (See Felton, G. E., and Schopmeyer, assignors.)
- American Maize-Products Company. (See Schopmeyer, Herman H., assignor.)
- American Maize-Products Company. (See Schopmeyer, H. H., and Felton, assignors.)
- American Maize-Products Company. (See Schopmeyer, H. H., and Goodman, assignors.)
- American Maize-Products Company. (See Schopmeyer, H. H., and Mollison, assignors.)
- American Maize-Products Company. (See Schopmeyer, H. H., and Sharps, assignors.)
- American Maize-Products Company. (See Walsh, James F., assignor.)
- American Maize-Products Company. (See Walsh, James F., and Dunderker, assignors.)
- American Marsh Pumps, Inc. (See Adney, Adrian P., assignor.)
- American Marsh Pumps, Inc. (See Adney, A. P., and Barton, assignors.)
- American Marsh Pumps, Inc. (See Barton, Benjamin D., assignor.)
- American Metal Company, Limited, The. (See Heberlein, M. F. W., and Bicerly, assignors.)
- American Metal Company, Limited, The. (See Monson, W. T., Humes, and Hermsdorf, assignors.)
- American Molded Products Co. (See Bevington, Kenneth A., assignor.)
- American Molded Products Co. (See Heiss, Harvey, assignor.)
- American Molded Products Co. (See Koel, Jerry C., assignor.)
- American Molded Products Co. (See Moxey, Fred W., assignor.)
- American Molded Products Co. (See Moxey, F. W., and Feldtold, assignors.)
- American Optical Company. (See Bardwell, R. F., and Smith, assignors.)
- American Optical Company. (See Beltel, Robert J., Jr., assignor.)
- American Optical Company. (See Canning, William P., assignor.)
- American Optical Company. (See Cook, R. T., and Bohlin, assignors.)
- American Optical Company. (See Dodkin, D., and Macgregor, assignors.)
- American Optical Company. (See Goddu, Lloyd W., assignor.)
- American Optical Company. (See Goddu, L. W., and Crawford, assignors.)
- American Optical Company. (See Harper, Worthy C., assignor.)
- American Optical Company. (See Higgins, Joseph E., assignor.)
- American Optical Company. (See Lehmberg, William H., assignor.)
- American Optical Company. (See Lewis, Lawrence L., assignor.)
- American Optical Company. (See Moulton, Harold R., assignor.)
- American Optical Company. (See Nerney, George E., assignor.)
- American Optical Company. (See Neumueller, Julius F., assignor.)
- American Optical Company. (See Neumueller, J. F., and Dodkin, assignors.)
- American Optical Company. (See Peck, W. F., and Gradisar, assignors.)
- American Optical Company. (See Splaine, Edward M., assignor.)
- American Optical Company. (See Tillyer, E. D., and Hosenzahl, assignors.)
- American Optical Company. (See Weyl, Woldemar A., assignor.)
- American Ore Reclamation Company. (See Shallock, Edward W., assignor.)
- American Ozone Company. (See Daily, James M., assignor.)
- American Pad & Textile Company, The. (See Brown, Frederick L., assignor.)
- American Paper Bottle Company, The. (See Clanon, William A., assignor.)
- American Paper Bottle Company, The. (See Martin, Clair L., assignor.)
- American Paper Bottle Company, The. (See Wollenweber, Julius E., assignor.)
- American Paper Tube Co. (See Amrhein, Harald L., assignor.)
- American Patent Development Corporation. (See Von Kohorn Zu Kornegg, assignor.)
- American Patents Syndicate Inc. (See Price, Grace M., assignor.)
- American Pattern and Manufacturing Co. (See Miller, Raymond J., assignor.)
- American Pearl Button Co. (See Nielsen, John, assignor.)
- American Perforator Company. (See Rix, Edward G., assignor.)
- American Photocopy Equipment Co. (See Creange, Arthur L., assignor.)
- American Plastics Corporation. (See Parsons, J. A., and Vawter, assignors.)
- American Platinum Works, The. (See Stretcher, Johann S., assignor.)
- American Potash & Chemical Corporation. (See Black, L. G., Fitch, and Suhr assignors.)
- American Potash & Chemical Corporation. (See Pearson, Edward J., assignor.)
- American Pulley Company. (See Renton, Henry N., assignor.)
- American Radiator & Standard Sanitary Corporation. (See Goerg, Bernard, assignor.)
- American Radiator & Standard Sanitary Corporation. (See Hill, Charles A., assignor.)
- American Radiator & Standard Sanitary Corporation. (See Holtman, Clemens W., assignor.)
- American Rayon Company. (See Furness, William H., assignor.)
- American Reinforced Paper Company. (See Newkirk, Francis F., assignor.)
- American Rock Wool Corporation. (See Drill, Daniel C., assignor.)
- American Rock Wool Corporation. (See Drill, D. C., and Davis, assignors.)
- American Rolling Mill Company, The. (See Claybaugh, Howard S., assignor.)
- American Rolling Mill Company, The. (See Cole, G. H., Davidson, and Bunker, assignors.)
- American Rolling Mill Company, The. (See Dimmick, Ralph B., assignor.)
- American Rolling Mill Company, The. (See Fon Der Smith, C. R., and Bergmann, assignors.)
- American Rolling Mill Company, The. (See Gordon, R. J., and Bunker, assignors.)
- American Rolling Mill Company, The. (See Hudson, Edwin B., assignor.)
- American Rolling Mill Company, The. (See Marshall, William E., assignor.)
- American Rolling Mill Company, The. (See Martin, O. E., Tick and Reed, assignors.)
- American Rolling Mill Company, The. (See Shafer, George E., assignor.)
- American Rubber Products Corporation. (See O'Hare, John J., assignor.)
- American Safety Razor Corporation. (See Dalkowitz, Godfrey, assignor.)
- American Sales Book Company. (See Hageman, Louis F., assignor.)
- American Sales Book Company. (See Seeley, Harry E., assignor.)
- American Sales Book Company. (See Sornberger, George E., assignor.)
- American Sales Company. (See Rosenfeld, Morris W., assignor.)
- American Sandpaper Company. (See Fenton, John P., assignor.)
- American Sandpaper Company. (See Upton, George, assignor.)
- American Screw Company. (See Tomalis, Joseph J., assignor.)
- American Seal Kap Corporation of Delaware. (See Troschen, Ludwig P., assignor.)
- American Seal Kap Corporation of Delaware. (See Goodwin, Carl W., assignor.)
- American Seal-Kap Corporation of Delaware. (See Goodwin, C. W., and Martin, assignors.)
- American Seal-Kap Corporation of Delaware. (See Martin, Harold W., assignor.)
- American Seal-Kap Corporation of Delaware. (See Vore, Herbert G., assignor.)
- American Seating Company. (See Hamilton, George H., assignor.)
- American Seating Company. (See Hanson, Walter M., assignor.)
- American Seating Company. (See Lee, Roger K., assignor.)
- American Seating Company. (See Morgan, Erving B., assignor.)
- American Seating Company. (See Orton, Merritt K., assignor.)
- American Seating Company. (See Todd, Edwin T., assignor.)
- American Securit Company, The. (See Bird, George W. T., assignor.)
- American Securit Company, The. (See Forbes, L. J.-B., and Heaton, assignors.)
- American Securit Company, The. (See von Reis, Lambert, assignor.)
- American Shoe Machinery and Tool Company. (See Krag, Harry W., assignor.)
- American Smelting and Refining Company. (See Betterton, J. O., and Lebedeff, assignors.)
- American Smelting and Refining Company. (See Betterton, J. O., Lebedeff, and Hall, assignors.)
- American Smelting and Refining Company. (See Betterton, J. O., Phillips, and Linford, assignors.)
- American Smelting and Refining Company. (See Fliske, Augustus H., Jr., assignor.)
- American Smelting and Refining Company. (See Fritschle, Arthur, assignor.)

- American Smelting and Refining Company. (See Gall, C., and Di Santo, assignors.)
 American Smelting and Refining Company. (See Lindner, K. A., and Shepard, assignors.)
 American Smelting and Refining Company. (See Smith, A. A., Jr., and Smart, assignors.)
 American Specialty Company, The. (See Berger, R., and Rickett, assignors.)
 American Steel Foundries. (See Aurien, Ray G., assignor.)
 American Steel Foundries. (See Bachman, Fred E., assignor.)
 American Steel Foundries. (See Baselt, Walter H., assignor.)
 American Steel Foundries. (See Baselt, Walter H., and Tack, assignors.)
 American Steel Foundries. (See Cottrell, Robert B., assignor.)
 American Steel Foundries. (See Flesch, John E., assignor.)
 American Steel Foundries. (See Kinne, Edmund P., assignor.)
 American Steel Foundries. (See Kinne, E. P., and Kayler, assignors.)
 American Steel Foundries. (See Kulieke, Frederick C., assignor.)
 American Steel Foundries. (See Oelkers, Alfred H., assignor.)
 American Steel Foundries. (See Tack, Carl E., assignor.)
 American Steel Foundries. (See Tack, C. E., and Helston, assignors.)
 American Steel and Wire Company of New Jersey, The. (See Aldrich, Wilfred O., assignor.)
 American Steel and Wire Company of New Jersey, The. (See Ayers, A. L., and Phenezy, assignors.)
 American Steel and Wire Company of New Jersey, The. (See Bergin, Thomas G., assignor.)
 American Steel and Wire Company of New Jersey, The. (See Bletso, B. H., and Perkins, assignors.)
 American Steel and Wire Company of New Jersey, The. (See Brickman, Alan E., assignor.)
 American Steel and Wire Company of New Jersey, The. (See Burke, J. J., and Caspell, assignors.)
 American Steel and Wire Company of New Jersey, The. (See Dyer, Daniel P., Jr., assignor.)
 American Steel and Wire Company of New Jersey, The. (See Farr, Harold T., assignor.)
 American Steel and Wire Company of New Jersey, The. (See Fahrey, Harold H., assignor.)
 American Steel and Wire Company of New Jersey, The. (See Guenzel, Ernest G., assignor.)
 American Steel and Wire Company of New Jersey, The. (See Gustafson, Gustaf A., assignor.)
 American Steel and Wire Company of New Jersey. (See Harris, Arrel W., assignor.)
 American Steel and Wire Company of New Jersey, The. (See Hillix, Foster F., assignor.)
 American Steel and Wire Company of New Jersey, The. (See Hillix, F. F., and Leach, assignors.)
 American Steel and Wire Company of New Jersey, The. (See Jackson, John, assignor.)
 American Steel and Wire Company of New Jersey, The. (See La Plante, J. A., and Symmes, assignors.)
 American Steel and Wire Company of New Jersey, The. (See Leonard, William E., assignor.)
 American Steel and Wire Company of New Jersey, The. (See Peirce, Walter T., assignor.)
 American Steel and Wire Company of New Jersey, The. (See Peskin, Leonard C., assignor.)
 American Steel and Wire Company of New Jersey, The. (See Peterson, Thomas F., assignor.)
 American Steel and Wire Company of New Jersey, The. (See Reardon, Eugene J., assignor.)
 American Steel and Wire Company of New Jersey, The. (See Sabol, Ernest J., assignor.)
 American Steel and Wire Company of New Jersey, The. (See Smith, Henry H., assignor.)
 American Steel and Wire Company of New Jersey. (See Wald, George F., assignor.)
 American Steel and Wire Company, The. (See Brickman, Alan E., assignor.)
 American Steel and Wire Company, The. (See Corsini, Umberto F., assignor.)
 American Steel and Wire Company, The. (See De Lamater, William W., assignor.)
 American Steel and Wire Company, The. (See Di Cicco, Dominic A., assignor.)
 American Steel and Wire Company, The. (See Dyer, Daniel P., Jr., assignor.)
 American Steel and Wire Company, The. (See Lloyd, Elmer J., assignor.)
 American Steel & Wire Company, The. (See Marquart, Frank, and Stinson, assignors.)
 American Steel and Wire Company, The. (See McGlinchey, Lloyd F., assignor.)
 American Steel and Wire Company. (See Perkins, G. H., and Stoekel, assignors.)
 American Steel and Wire Company, The. (See Peterson, Carl H., assignor.)
 American Steel and Wire Company, The. (See Pinniger, Roy E., assignor.)
 American Stove Company. (See Brodbeck, Almer H., assignor.)
 American Stove Company. (See Brumbaugh, I. V., Kauffman, and Reinhart, assignors.)
 American Stove Company. (See Frick, William H., assignor.)
 American Stove Company. (See Kosky, J. G., Brodbeck, and Kahler, assignors.)
 American Stove Company. (See Lotter, William, assignor.)
 American Stove Company. (See Meacham, B. E., and Frick, assignors.)
 American Stove Company. (See Moecker, H., Jr., and Lott, assignors.)
 American Stove Company. (See Reinhart, Harold C., assignor.)
 American Sundries Co. (See Duberstein, S., and Lawner, assignors.)
 American Sundries Company. (See Hettinger, George, assignor.)
 American Swiss Company. (See Rightmyer, Holden W., assignor.)
 American Tag Company. (See Swett, Arthur H., Jr., assignor.)
 American Tag Company. (See Van Tuyl, Sidney E., assignor.)
 American Tag Company. (See Wallace, Albert M., assignor.)
 American Telephone and Telegraph Company. (See Andrews, Joseph F., assignor.)
 American Telephone and Telegraph Company. (See Anspach, Russell J., assignor.)
 American Telephone and Telegraph Company. (See Ballard, Kenneth E., assignor.)
 American Telephone and Telegraph Company. (See Bordonaro, Lucian E., assignor.)
 American Telephone and Telegraph Company. (See Dewire, Donald S., assignor.)
 American Telephone and Telegraph Company. (See Duncan, James A., assignor.)
 American Telephone and Telegraph Company. (See Gammell, Ernest O., assignor.)
 American Telephone and Telegraph Company. (See Greenwood, Herbert A., assignor.)
 American Telephone and Telegraph Company. (See Hanley, Frank H., assignor.)
 American Telephone and Telegraph Company. (See Kaufman, Arthur W., assignor.)
 American Telephone and Telegraph Company. (See Martin, Wade B., assignor.)
 American Telephone and Telegraph Company. (See Maxwell, J. L., and Shimm, assignors.)
 American Telephone and Telegraph Company. (See Neiswiler, James T., assignor.)
 American Telephone and Telegraph Company. (See Neiswiler, J. T., and Featheringham, assignors.)
 American Telephone and Telegraph Company. (See Peltz, H. F., and Zieschang, assignors.)
 American Telephone and Telegraph Company. (See Perry, Donald B., assignor.)
 American Telephone and Telegraph Company. (See Pilliod, J. J., and Griffen, assignors.)
 American Telephone and Telegraph Company. (See Relfe, John N., assignor.)
 American Telephone and Telegraph Company. (See Richards, Kenneth W., assignor.)
 American Telephone and Telegraph Company. (See Starr, H. R., and Waddington, assignors.)
 American Telephone and Telegraph Company. (See Thorpe, John, assignor.)
 American Telephone and Telegraph Company. (See Walker, Charles R., assignor.)
 American Teletimer Corp. (See Belock, Harry D., assignor.)
 American Thermometer Company. (See Baker, Samuel S., assignor.)
 American Thread Company, The. (See Gardner, Dwight R., assignor.)
 American Thread Company, The. (See Standish, Edward K., assignor.)
 American Tobacco Company, The. (See Moseley, J. M., and Hudson, assignors.)
 American Tobacco Company, The. (See Redford, B. H., and Swanson, assignors.)
 American Tool & Machine Co. (See Tholl, John F., assignor.)
 American Tool Works Company, The. (See Hoelscher, William G., assignor.)
 American Tool Works Company, The. (See Kullman, A., and Flack, assignors.)
 American Tool Works. (See Kullman, A., and Waltz, assignors.)
 American Totalisator Company. (See Robinson, Harold C., assignor.)
 American Traffic Register Company, The. (See Sisk, C. F., and Morton, assignors.)
 American Tubular Elevator Company. (See Schiller, Morgan E., assignor.)
 American Turbotor Corporation. (See Bejeuhr, Walter, assignor.)
 American Viscose Corporation. (See Bauer, Ernest K., assignor.)
 American Viscose Corporation. (See Bouvet, R., and Spann, assignors.)
 American Viscose Corporation. (See Castellani, Carl A., assignor.)

- American Viscose Corporation. (See Davis, Isaac P., assignor.)
- American Viscose Corporation. (See Davis, I. P., and Kennedy, assignors.)
- American Viscose Corporation. (See Fry, Horace P., assignor.)
- American Viscose Corporation. (See Haley, Hugh D., assignor.)
- American Viscose Corporation. (See Heymann, Karl, assignor.)
- American Viscose Corporation. (See Humphrey, James W., assignor.)
- American Viscose Corporation. (See Koster, F. W., Bitler, and Lodge, assignors.)
- American Viscose Corporation. (See Lodge, Alvin, assignor.)
- American Viscose Corporation. (See Lytton, M. R., and Taylor, assignors.)
- American Viscose Corporation. (See McDermott, Henry J., assignor.)
- American Viscose Corporation. (See McDermott, H. J., and Stanley, assignors.)
- American Viscose Corporation. (See Neren, John A., assignor.)
- American Viscose Corporation. (See Newhard, Wayne L., assignor.)
- American Viscose Corporation. (See Weaver, Ralph E., assignor.)
- American Voith Contact Company. (See Elken, Johannes, assignor.)
- American Voith Contact Co. Inc. (See Kugel, Fritz, assignor.)
- American Voith Contact Company. (See Gschling, Wilhelm, assignor.)
- American Well & Prospecting Company. (See Anderson, Carl M., assignor.)
- American Well Works, The. (See Walker, James D., assignor.)
- American Window Glass Company. (See Bishop, F. L., and Forman, assignors.)
- American Zinc, Lead & Smelting Company. (See Hile, A. C., and Dewey, assignors.)
- American Zinc, Lead & Smelting Company. (See MacIntire, Walter H., assignor.)
- Amerman, Howard N. (See Voorhees, C. R., and Amerman.)
- Amertype Recordgraph Corporation. (See Woolf, William L., assignor.)
- Amery, George, Oldbury, England. Fuel injection in internal combustion engines. 2,323,184; June 29.
- Ames, Adolph, Jr., Thunover, N. H. Stereoscopic representation. 2,337,363; Dec. 21.
- Ames, Arthur D. (See Richmond, W. E., and Ames.)
- Ames, Evelyn H., executrix. (See Ames, John F., assignor.)
- Ames, John F., Selma, Ala., deceased. E. H. Ames, executrix. Reinforced bag. 2,316,658; Apr. 13.
- Ames, John F., Selma, Ala., deceased; E. H. Ames, executrix. Semiconductor. 2,320,255; Sept. 28.
- Ames, Lizzie, et al. (See Mango, Philip, assignor.)
- Ames, Mae, et al. (See Mango, Philip, assignor.)
- Ames, Richard L., et al. (See Livermont, Frank W., assignor.)
- Ames, Robert G., assignor of one-half to G. W. Williams, Burlingame, Calif. Sanding and buffing tool. 2,323,962; July 13.
- Ames, Robert G., assignor of one-half to G. W. Williams, Burlingame, Calif. Combined plastic and tape applicator. 2,323,963; July 13.
- Ames, Thomas, et al. (See Mango, Philip, assignor.)
- Amesburg Seat Manufacturing Co., The. (See Hare, Terence G., assignor.)
- Amesbury, Earl M. (See Sample, F. W., and Amesbury.)
- Amesbury, Earl M., Chicago, Ill.; J. G. Macormack, New York, N. Y.; S. M. Roberts, Chicago, Ill., and F. W. Sample, Forest Hills, assignors to American Flange & Manufacturing Co., Inc., New York, N. Y. Die mechanism and method. 2,325,929; Aug. 3.
- Amesbury Seat Manufacturing Co., The. (See Hare, Terence G., assignor.)
- Ammon, Mark A., Peoria, Ill. assignor to Caterpillar Tractor Co., San Leandro, Calif. Cluster gear and manufacture therefor. 2,327,222; Dec. 21.
- Amidon, Roy C., St. Johnsville, N. Y., assignor to Vanity Fair Mills, Inc. Knitting machine and method. 2,313,725; Mar. 16.
- Amidon, Roy C., Reading, assignor to Vanity Fair Mills, Inc. Pointed bedded knitting machine needle. 2,318,586; May 11.
- Amidon, Roy C., Reading, Pa., assignor to Vanity Fair Mills, Inc. Pile fabric. 2,331,289; Oct. 12.
- Amidon, Roy C., Reading, Pa., assignor to Vanity Fair Mills, Inc. Making pile fabric. 2,331,290; Oct. 12.
- Amidon, Roy C., St. Johnsville, N. Y., assignor to Vanity Fair Mills, Inc. Composite fabric and producing same. 2,333,630; Nov. 9.
- Amidon, Roy C., St. Johnsville, N. Y., assignor to Vanity Fair Mills, Inc. Knitting machine. 2,336,455; Dec. 14.
- Amiot, Félix, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Piloting system for aircraft. 2,319,285; May 18.
- Ammon, Edward R., Reading, Pa. Hosiery inspecting machine attachment. 2,324,897; July 20.
- Amos, William E., Detroit, Mich. Locking device for door keys. 2,316,544; Apr. 13.
- AMP Corporation. (See Thompson, P. H., and Peat, assignors.)
- Amoco Metal, Inc. (See Swift, Clinton E., assignor.)
- Amphlett, Philip H. (See Twiss, D. P., and Amphlett.)
- Ampro Corporation. (See Morgan, T. J., and Dearborn, assignors.)
- Amrhein, Harold L., assignor to American Paper Tube Co., Woonsocket, R. I. Bobbin or yarn support. 2,327,138; Dec. 21.
- Ams, Max, Machine Company, The. (See Brenzinger, Julius, assignor.)
- Amson, Ralph D., Lynn, Mass., assignor to General Electric Company. Electrical control system. 2,334,528; Nov. 16.
- Amaler, Charles S., San Francisco, Calif. Window ventilator. 2,311,324; Feb. 16.
- Amaler-Morton Company, The. (See Morton, William A., assignor.)
- Amder, Robert, assignor to Landis & Gyr, A.-G., Zug, Switzerland. Heat measuring method and apparatus. 2,329,813; Sept. 21.
- Amstberg, Lester A., and C. E. Flitch, Cleveland, Ohio, assignors to Chicago Pneumatic Tool Company, New York, N. Y. Snubber for tamper bars. 2,308,143; Jan. 12.
- Amutz, Forrest C. (See Strosacker, C. J., and Amutz.)
- Amstberg, Lester A., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Impact wrench. 2,326,317; Aug. 10.
- Amundson, Harvey E., Chicago, Ill. Color mixing system. 2,331,055; Nov. 9.
- Amyot, Louis, J., A., Quebec, Quebec, Canada. Fabric. 2,325,215; July 27.
- Amyot, Louis, J., A., Quebec, Quebec, Canada. Girdle. 2,334,529; Nov. 16.
- Anaconda Copper Mining Company. (See Laist, A., and Baldwin, assignors.)
- Anaconda Copper Mining Company. (See Macan, Harry C., assignor.)
- Anaconda Copper Mining Company. (See Yates, Charles E., assignor.)
- Anaconda Wire & Cable Co. (See Freeland, O. F., and Yost, assignors.)
- Anaconda Wire and Cable Company. (See Rosch, Samuel J., assignor.)
- Anastasi, Charles E., and K. M. Henry, assignors to Kimble Glass Company, Vineland, N. J. Apparatus for making beads. 2,332,361; Oct. 19.
- Anchor Cap & Closure Corporation. (See Gibbs, John C., assignor.)
- Anchor-Hocking Glass Corporation. (See Bell, William D., assignor.)
- Anchor-Hocking Glass Corporation. (See McNamara, W. L., and Conab, assignors.)
- Anchor-Hocking Glass Corporation. (See Stover, Harry E., assignor.)
- Anchor Hocking Glass Corporation. (See Stover, H. E., and Von Till, assignors.)
- Anchor Manufacturing Company. (See Johansson, Ernest G., assignor.)
- Andalkiewicz, Boleslaw, and D. T. Carlson, assignors to C. Earl Hovey, trustee, Kansas City, Mo. Electrical selector for coin chutes. 2,317,351; Apr. 27.
- Andersgg, Frederick O., Newark, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Dehumidifying apparatus. 2,336,450; Dec. 14.
- Andersgg, Joseph C., assignor to Algoma Net Company, Algoma, Wis. Baby swing. 2,317,243; Apr. 20.
- Anders, John F., Kitchawan, N. Y. Internal thread gauge. 2,331,757; Oct. 12.
- Andersgg, Hans. (See Salzer, W., and Andersgg.)
- Andersen, Alfred E., Brooklyn, assignor to Armored Tank Corporation, New York, N. Y. Hook-on-and-release mechanism for fighting tanks. 2,310,887; Feb. 9.
- Andersen, Andrew C., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Handle assembly. 2,329,379; Sept. 14.
- Andersen, Carl N., Wellesley, Mass., assignor to Lever Brothers Company. Preservation of perfumes. 2,324,347; July 13.
- Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Preservation of soaps and perfumes. 2,324,348; July 13.
- Andersen, Carl N., Wellesley Hills, assignor to Lever Brothers Company, Cambridge, Mass. Treatment of cresylic acid. 2,334,691; Nov. 23.
- Andersen, Charles C., Chicago, Ill. Brush rest and wiper accessory. 2,329,867; Sept. 14.
- Andersen Corporation. (See Swanson, Earl C., assignor.)
- Andersen Corporation. (See Swanson, E. C., Frederickson, and Gaskell, assignors.)
- Andersen, Henry A., Swampscott, Mass., assignor to General Electric Company. Instrument deflection modifier. 2,325,582; Aug. 3.
- Andersen, Leif. (See Parke, P., Tully, Andersen, and Jones.)
- Andersen, Leif, assignor to The Pullman Company, Chicago, Ill. Basin unit. 2,326,914; Aug. 17.
- Andersen, Ludvig, Wauwatosa, Wis. Washing machine. 2,321,641; June 15.

- Andersen, Niels Y. (See Wolters, C. F., and Andersen.)
- Andersen, Niels Y., Kenmore, assignor to Remington Rand Inc., Buffalo, N. Y. File follower. 2,312,742; Mar. 2.
- Andersen, Niels Y., Kenmore, assignor to Remington Rand Inc., Buffalo, N. Y. Card index file. 2,326,277; Aug. 10.
- Andersen, Reginald C., I. E. Humphreys, and K. Dannenberg, Islington, London, assignors to Electric Transmission Limited, "Etruria," Stoke-on-Trent, Staffordshire, England. Electric fuse of cartridge type. 2,333,354; Nov. 2.
- Andersen, Soren K. (See Young, F. M., and Andersen.)
- Andersen, Tengel. (See Andersen, T. K. and T.)
- Andersen, Tengel. (See Andersen, Thomas K., and Tengel.)
- Andersen, Thomas K., West New Brighton, and T. Andersen, Port Richmond, assignors to Overhead Loader Corporation, Staten Island, N. Y. Material collecting and loading apparatus. 2,316,760; Apr. 20.
- Andersen, Thomas K., West New Brighton, and T. Andersen, Port Richmond, assignors to Overhead Loader Corporation, Staten Island, N. Y. Hydraulic ram. 2,330,802; Oct. 5.
- Anderson, Albert E., assignor to Brower Manufacturing Company, Quincy, Ill. Electric brooder. 2,334,050; Nov. 9.
- Anderson, Albert F., San Francisco, Calif. Antislipping device for locomotives. 2,321,059; June 8.
- Anderson, Alfred. (See Banning, J. D., and Anderson.)
- Anderson, Alva E., St. George, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,308,800; Jan. 19.
- Anderson, Alva E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,321,886; June 15.
- Anderson, Alvin P. (See Soren, S. S., and Anderson.)
- Anderson, Anders G., Los Angeles, Calif. Underinflated tire signaling device. 2,317,509; Apr. 27.
- Anderson, Andrew T., Dover, N. J. Housing for use in testing detonators. 2,323,301; July 6.
- Anderson, Antone F. (See Johnson, D. O., and Anderson.)
- Anderson, Arthur A., Rose Township, Ramsey County, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Automatic adhesive tape dispenser. 2,326,915; Aug. 17.
- Anderson, Arthur A., Rose Township, Ramsey County, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Automatic adhesive tape dispenser. 2,326,916; Aug. 17.
- Anderson, Arthur A., Rose Township, Ramsey County, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Adhesive tape dispenser. 2,326,917; Aug. 17.
- Anderson, Arvid E., Media, Pa., assignor to General Electric Company. Protective system. 2,309,433; Jan. 26.
- Anderson, Arvid E., Haverford Township, Delaware County, Pa., assignor to General Electric Company. Circuit breaker control system. Re. 22,273; Feb. 23.
- Anderson, Arvid E., Haverford Township, Delaware County, Pa., assignor to General Electric Company. System of electrical distribution. 2,322,557; June 22.
- Anderson, Bertril T., Rockford, Ill. Reversible magnetic brake. 2,322,335; June 22.
- Anderson Box Company. (See Ferguson, Kenneth C., assignor.)
- Anderson, Carl. See Gilman, M. A., and Anderson.)
- Anderson, Carl E., East Orange, assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Belt clasp. 2,311,429; Feb. 16.
- Anderson, Carl E., East Orange, assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Making clasp members for belts and the like. 2,313,859; Mar. 16.
- Anderson, Carl E., assignor to Arrow Match Corporation, Chicago, Ill. Match book. 2,334,373; Nov. 16.
- Anderson, Carl F., St. Paul, Minn. Holder. 2,316,545; Apr. 13.
- Anderson, Carl G. (See Marco, F. J., Anderson, and Brandstrom.)
- Anderson, Carl G., assignor to Ventilating & Air Conditioning Contractors Association of Chicago, Chicago, Ill. Determining the quantity of air flowing through outlets. 2,336,209; Dec. 7.
- Anderson, Carl G., and D. E. Richardson, Chicago, Ill., assignors to United States Golf Association. Apparatus for testing golf balls. 2,314,063; Mar. 16.
- Anderson, Carl L., assignor to Eagle Signal Corporation, Moline, Ill. Timing mechanism. 2,329,447; Sept. 14.
- Anderson, Carl M., assignor to American Well & Prospecting Company, Corsicana, Tex. Slush pump valve. 2,329,576; Sept. 14.
- Anderson, Charles E., Burlington, N. C. Syringe. 2,324,898; July 20.
- Anderson, Charles B., assignor of one-half to A. F. Wintercorn, Rockford, Ill. Soap hanger. 2,307,752; Jan. 12.
- Anderson, Charles E., Narberth, assignor of one-half to W. H. Jefferies, Moylan, Pa. Bag clamp. 2,310,827; Feb. 9.
- Anderson, Charles E., Nashville, Tenn. Lever type bottle opener. 2,323,080; June 29.
- Anderson, Chester S., St. Charles, Ill. Fastening device. 2,307,348; Jan. 5.
- Anderson, Clarence B., Tulsa, Okla., assignor to Line Material Company, Milwaukee, Wis. Fuse link. 2,335,229; Nov. 30.
- Anderson, Clarence S., assignor to New Monarch Machine & Stamping Co., Des Moines, Iowa. Carrier member for display racks. 2,308,851; Jan. 19.
- Anderson, Clarence T. (See Dean, R. S., and Anderson.)
- Anderson, Clifford E., Houston, Tex., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Equalizer bearing for pumps. 2,334,741; Nov. 23.
- Anderson, David E., St. Paul, assignor to Wood Conversion Company, Cloquet, Minn. Wall tile clip. 2,317,428; Apr. 27.
- Anderson, David E., Los Angeles, Calif. Air chamber for water service lines. 2,337,959; Dec. 28.
- Anderson, Dwight M., Cleveland Heights, Ohio. Vacuum breaking valve. 2,328,598; Sept. 7.
- Anderson, Earl I., Bayside, Long Island, and A. Barco, Jackson Heights, N. Y., assignors to Radio Corporation of America. Television transmitting system. 2,310,337; Feb. 9.
- Anderson, Edmund B., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Constant velocity joint. 2,319,190; May 11.
- Anderson, Edmund B., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Constant velocity universal joint. 2,321,448; June 8.
- Anderson, Eric M., assignor to Utilities Distributors, Inc., Portland, Maine. Gas installation housing. 2,337,960; Dec. 28.
- Anderson, Eric W. (See Doering, Charles and H. H., and Skoglund and Anderson.)
- Anderson, Ernest H., Jamestown, N. Y. Support for mirrors or the like. 2,335,896; Dec. 7.
- Anderson, Ernest H., Jamestown, N. Y. Connector for bed sections. 2,335,897; Dec. 7.
- Anderson, Ernst G. K., Chicago, Ill. Electrical fixture. 2,330,942; Oct. 6.
- Anderson, Frank J., Laramie, Wyo., and M. Treshow, West Los Angeles, Calif., assignors to Monolith Portland Cement Company, Coal drier. 2,323,289; July 6.
- Anderson, Frank U., Stockton, Calif. Trailer mounting device. 2,336,452; Dec. 14.
- Anderson, Fred E., Taft, Oreg. Logging swivel. 2,307,657; Jan. 5.
- Anderson, Frithiof B., Oakhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device circuit. 2,311,807; Feb. 23.
- Anderson, George, Chicago, Ill. Orchard heater. 2,335,098; Nov. 23.
- Anderson, George N., Talco, Tex. Cementing plug. 2,330,659; Sept. 28.
- Anderson, George W. (See Roblin, R. O., Jr., and Anderson.)
- Anderson, George W., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. 4-4' derivatives of carbonyl-bisoxypidiphenyl-sulphonates and esters. 2,336,210; Dec. 7.
- Anderson, Gustaf W., North Quincy, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Envelope machine. 2,311,017; Feb. 16.
- Anderson, Halvor E. (See Jones, Lawrence M.)
- Anderson, Harley E., Fort Worth, Tex., assignor to Grip Nut Company, Chicago, Ill. Brake beam safety support. 2,335,628; Nov. 30.
- Anderson, Harold R., Waukesha, N. Wilkinson, Wauwatosa, and J. L. Ray, Elm Grove, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Dynamic braking. 2,336,052; Dec. 7.
- Anderson, Harry A., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Quick change calendar roll. 2,308,040; Jan. 12.
- Anderson, Harry T., New Philadelphia, and E. C. Davis, Dover, Ohio. Stretcher. 2,328,047; Aug. 31.
- Anderson, Howard W., Wall, S. Dak. Baby jumper. 2,332,835; Oct. 26.
- Anderson, Ivan C., Gloucester, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Pad cover and making same. 2,314,436; Mar. 23.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Torch machine. 2,307,442; Jan. 5.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Combining apparatus for welding and sizing tubes. 2,308,850; Jan. 9.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Can welding machine. 2,314,437; Mar. 23.
- Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Glass-severing machine. 2,322,336; June 22.
- Anderson, James T., Rugby, England, assignor to General Electric Company. Forming fluorescent screens. 2,312,229; Feb. 23.
- Anderson, Jasper E. (See Robinson, W. H., and Anderson.)
- Anderson, Jasper E., Saugus, Mass., assignor to General Electric Company. Fusion welding. 2,320,163; May 25.

- Anderson, Jasper E., Saugus, Mass., assignor to General Electric Company. Welded assembly. 2,320,164; May 25.
- Anderson, John. (See McAllister, S. H., Anderson, and Bullard.)
- Anderson, John. (See Ross, W. E., and Anderson.)
- Anderson, John, Sutton Coldfield, and M. Langstreth, Rochdale, England, assignors to Dupont Tire and Rubber Corporation, Buffalo, N. Y. Yarn for pneumatic tires, etc. 2,309,664; Jan. 26.
- Anderson, John A., assignor to Standard Oil Company, Chicago, Ill. Lubricant. 2,316,089; Apr. 6.
- Anderson, John A., Olympia Fields, assignor to Standard Oil Company, Chicago, Ill. Lubricant. 2,330,858; Oct. 5.
- Anderson, John E. (See Caldwell, F. W., Martin, and Anderson.)
- Anderson, John E. (See Martin, E., and Anderson.)
- Anderson, John E., Portland, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller blade mounting. 2,315,574; Apr. 6.
- Anderson, John K., Douglass, Long Island, N. Y. Brazing flux composition. 2,308,801; Jan. 19.
- Anderson, John W. (See Miller, R., Jansen, and Anderson.)
- Anderson, John W., Auburn, N. Y., and R. J. Hooker, Manchester, Conn., assignors to American Locomotive Company, New York, N. Y. Internal combustion engine. 2,309,291; Jan. 26.
- Anderson, John W., and W. M. Nichols, Auburn, assignors to American Locomotive Company, New York, N. Y. Internal combustion engine. 2,318,914; May 11.
- Anderson, John W., and W. M. Nichols, Auburn, assignors to American Locomotive Company, New York, N. Y. Internal combustion engine. 2,318,915; May 11.
- Anderson, Joseph C., Torrington, Conn. Clothesline pulley bracket. 2,336,914; Dec. 14.
- Anderson, Joseph C., Torrington, Conn. Swinging duplex clothesline pulley. 2,323,052; July 13.
- Anderson, Joseph K., Painesville, Ohio. Airplane construction. 2,328,000; Aug. 3.
- Anderson, Rador G., Chicago, Ill. Antiglare window pane. 2,315,103; Mar. 30.
- Anderson, Kosiutko M., Sweetwater, Tex. Hydrostatic mechanical lubricator. 2,312,304; Mar. 2.
- Anderson, Lawrence C., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Heating system. 2,307,723; Jan. 5.
- Anderson, Lawrence C., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Heating system. 2,307,724; Jan. 5.
- Anderson, Leslie J., Westmont, N. J., assignor to Radio Corporation of America. Electro-acoustical apparatus. 2,328,941; Sept. 7.
- Anderson, Lester F., East Orange, N. J., assignor to Washash Appliance Corporation, Brooklyn, N. Y. Flash lamp. 2,335,724; Nov. 30.
- Anderson, Lester F., East Orange, N. J., assignor to Washash Appliance Corporation, Brooklyn, N. Y. Flash lamp. 2,335,725; Nov. 30.
- Anderson, Louis E., Jr., assignor to Hercules Powder Company, Wilmington, Del. Textile printing paste. 2,307,097; Jan. 5.
- Anderson, Miner S., Lake City, Minn. Toy steering mechanism. 2,334,742; Nov. 23.
- Anderson, Norman T. (See Sweeley, E. A., and Anderson.)
- Anderson, Olof B. (See Auld, D. W., and Anderson.)
- Anderson, Oscar M., assignor to Landers, Frary & Clark, New Britain, Conn. Vacuum bottle support. 2,324,253; July 13.
- Anderson, Oscar M., and N. T. Almquist, assignors to Landers, Frary & Clark, New Britain, Conn. Vacuum cleaner. 2,353,226; Nov. 2.
- Anderson, Oscar T., Waterloo, Iowa. Wringer release mechanism. 2,329,577; Sept. 14.
- Anderson, Paul E., and Jon Joseph Tolles (also known as Jack Yolles, or Jacob Yolles), Dayton, Ohio. Lead-in insulator. 2,315,492; Apr. 6.
- Anderson, Perle J., Portland, N. Y. Cultivator tool. 2,320,024; May 25.
- Anderson, Perle J., Portland, N. Y. Ground working tool for agricultural implements. 2,325,579; Aug. 3.
- Anderson, Peter A., Portland, Maine. Gas installation equipment. 2,327,235; Aug. 17.
- Anderson, Philip P., Jr., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,323,186; June 29.
- Anderson, Philip P., Jr., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,337,439; Dec. 21.
- Anderson, Philip P., Jr., and R. M. Major, Evansville, Ind., assignors to Servel, Inc., New York, N. Y. Welding. 2,330,943; Oct. 5.
- Anderson Products, Inc. (See Upton, John, assignor.)
- Anderson, Ralph F., Rockford, Ill. Stick dispenser. 2,313,503; Apr. 9.
- Anderson, Ralph L., assignor to Deere & Company, Moline, Ill. Harvester platform mounting. 2,319,714; May 18.
- Anderson, Ralph L., C. J. Frederiksen, E. T. Johnson, and L. A. Paradise, assignors to Deere & Company, Moline, Ill. Draper fastener. 2,309,100; Jan. 20.
- Anderson, Ralph L., and C. R. Arnold, assignors to Deere & Company, Moline, Ill. Harvesting machine. 2,318,188; May 4.
- Anderson, Raymond G., West Orange, and W. T. Jacobson, Clifton, N. J., assignors to The Roto Company. Brush structure and holder. 2,324,461; July 13.
- Anderson, Raymond M., assignor, by mesne assignments, to Evans Products Company, Detroit, Mich. Internal combustion engine charge forming apparatus. 2,323,039; July 6.
- Anderson, Raymond T., Berea, assignor to The V. D. Anderson Company, Cleveland, Ohio. Apparatus for expressing oil from oil bearing materials. 2,325,357; July 27.
- Anderson, Raymond T., Berea, assignor to The V. D. Anderson Company, Cleveland, Ohio. Expeller press. 2,331,883; Oct. 19.
- Anderson, Rex R., Marshall, Mich. Method and apparatus for compartment heating. 2,326,318; Aug. 10.
- Anderson, Rexford O., Oklahoma City, Okla. Shock absorbing coupling. 2,307,187; Jan. 5.
- Anderson, Roger, Seattle, Wash. Clavicle splint. 2,310,566; Feb. 9.
- Anderson, Roger, Seattle, Wash. Forming a device from a plurality of plastic members, the product thereof and a prepared material for use therein. 2,308,483; Jan. 19.
- Anderson, Roy J., Chicago, assignor to McGraw Electric Company, Elgin, Ill. Automatic bread toaster. 2,307,347; Jan. 5.
- Anderson, Russell M., Kansas City, Mo. Shoe rearching and straightening device. 2,313,417; Mar. 9.
- Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Variable surface evaporator. 2,313,381; Feb. 26.
- Anderson, Sidney S., Hattiesburg, Miss. Bottle construction with temperature indicator. 2,319,101; May 11.
- Anderson, Stanley, and R. W. Manuel, assignors to Crane Co., Chicago, Ill. Apparatus for measuring the thickness of metallic plating on bases. 2,319,196; May 18.
- Anderson, Stanley W., Western Springs, Ill. Cam follower and the like. 2,335,988; Dec. 7.
- Anderson, Stolz Corporation. (See Loetel, Charles E., assignor.)
- Anderson, Thomas F., assignor to The Sanymetal Products Co., Inc., Cleveland, Ohio. Door hinge assembly. 2,307,753; Jan. 12.
- Anderson, Tillman R., Viroqua, Wis. Sectional case. 2,311,721; Feb. 13.
- Anderson, V. D. Company, The. (See Anderson, Raymond T., assignor.)
- Anderson, V. D. Company, The. (See Holly, Andrew F., assignor.)
- Anderson, Victor G., New Rochelle, and H. W. Hambusch, Brooklyn, assignors to Rambach Decorating Company, New York, N. Y. Lighting apparatus. 2,316,546; Apr. 13.
- Anderson, Walter A. (See Sundstrand, O. J., and Anderson.)
- Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Accounting machine. 2,307,186; Jan. 5.
- Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Accounting machine. 2,308,144; Jan. 12.
- Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Printing mechanism for accounting machines. 2,308,907; Jan. 19.
- Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Fraction computing mechanism for adding machines. 2,309,292; Jan. 26.
- Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Accounting machine. 2,309,293; Jan. 26.
- Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Tabulating mechanism for accounting machines. 2,318,448; May 4.
- Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Computing machine. 2,320,399; June 1.
- Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Shuttle mechanism for paper carriages. 2,323,783; July 6.
- Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Tabulating mechanism for accounting machines. 2,330,660; Sept. 28.
- Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Accounting machine. 2,335,989; Dec. 7.
- Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Paper feeding mechanism for accounting machines. 2,337,583; Dec. 28.
- Anderson, Warren A., New Dorp, Staten Island, N. Y., assignor to Radio Corporation of America. Phase corrector for telegraph systems. 2,309,622; Feb. 2.
- Anderson, Wilbur G., Jr., assignor to American Box Board Company, Grand Rapids, Mich. Golf club box. 2,307,349; Jan. 5.

- Anderson, Wilbur G., Jr., assignor to American Box Board Company, Grand Rapids, Mich. Golf club box. 2,307,350; Jan. 5.
- Anderson, Wilford A., assignor to G. H. Tennant Company, Minneapolis, Minn. Wire brush abrading device. 2,324,272; July 13.
- Anderson, William E., West Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus and method. 2,331,099; Oct. 5.
- Anderson, William C., Bromley, Ky., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Branch box connector. 2,317,710; Apr. 27.
- Anderson, William M., Minneapolis, Minn., assignor to F. J. Kermer and himself. Automatic feed mechanism for punch presses. 2,321,788; June 15.
- Anderson, William M., assignor of one-third to O. W. Glese, Minneapolis, and one-third to M. H. Graham, St. Louis Park, Minn. Self-lubricating bearing or axle. 2,336,915; Dec. 14.
- Anderson, William S., assignor to Shoe Press Corporation, Philadelphia, Pa. Shoe press. 2,311,325; Feb. 16.
- Anderson, William T., Jr., Newark, and H. Laub, Millburn Township, assignors to Hanovia Chemical and Manufacturing Company, Newark, N. J. Electrical discharge device. 2,319,912; May 25.
- Andersson, Axel Olof, assignor to Cajs-Marie Nygren, Stockholm, Sweden. Combined hammock and sleeping bag. 2,321,966; June 15.
- Andersson, Sven W. B., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,334,803; Nov. 23.
- Anderton, Elizabeth. (See Crawford, Clyde, assignor.)
- Andis Clipper Company. (See Andis, Mathew, assignor.)
- Andis Clipper Company. (See Andis, Mathew and M. G., Jr., assignors.)
- Andis, Mathew, assignor to Andis Clipper Company, Racine, Wis. Electric switch. 2,315,035; Mar. 30.
- Andis, Mathew, assignor to Andis Clipper Company, Racine, Wis. Tobacco pipe. 2,329,578; Sept. 14.
- Andis, Mathew and M. G., Jr., assignors to Andis Clipper Company, Racine, Wis. Shaving device. 2,326,192; Aug. 10.
- Andlauer, Albert, Wilmington, Del. Volume meter and sampler. 2,313,715; Mar. 16.
- Andrake, Andrew A., Williamsport, Pa. Making airplane propellers. 2,308,344; Jan. 12.
- André, Henri G., Colombes, France; vested in the Alien Property Custodian. Accumulator. 2,317,711; Apr. 27.
- Andrea, Agnes L. (See Sylkes, G. A., and Andrea.)
- Andreasson, Rudolf W., Detroit, Mich. Jar closure. 2,311,198; Feb. 16.
- Andreasson, Rudolf W., Detroit, Mich. Manufacturing metal cutting tools. 2,314,180; Mar. 16.
- Andrea, John O., Wichita Falls, Tex. Pump jack. 2,311,504; Feb. 16.
- Andrew, Alexis D., Montreal, Quebec, Canada. Tennis racket. 2,318,916; May 11.
- Andrew, Alexis D., Montreal, Quebec, Canada. Tennis racket. 2,335,629; Nov. 30.
- Andrews, Anglo, Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Unseaming and thread-winding apparatus for textile mills. 2,333,613; Nov. 2.
- Andrews, Lloyd J., Chicago, Ill. Remote controller. 2,331,690; Oct. 12.
- Andrews, Lloyd J., assignor to Permo Products Corporation, Chicago, Ill. Phonograph stylus. 2,326,424; Aug. 10.
- Andrews, Paul G., Oak Park, Ill., assignor to Bowles Seal Fast Corporation, Indianapolis, Ind. Spark plug cooling means. 2,325,021; July 27.
- Andresen, Halvor T. H., Oslo, Norway; vested in the Alien Property Custodian. Sheet arrangement for the stretching of surfaces. 2,319,286; May 18.
- Andrew, Frederick W. (See von Meister, F. W., and Andrew.)
- Andrew, Harry J., Oldham, England. Gearing. 2,312,376; Mar. 2.
- Andrew, Sumner D., Camden, Ark., assignor to Bagpak, Inc., New York, N. Y. Bag. 2,336,584; Dec. 14.
- Andrews, Agnes M., Jersey City, N. J. Soap holder. 2,319,104; May 11.
- Andrews, Anthony, Melrose Park, Ill. Lawn mower attachments. 2,326,739; Aug. 17.
- Andrews, Duly P., and E. E. Heeger, Mountain Grove, Mo. Ground clamp. 2,329,508; Sept. 14.
- Andrews, Edward D. (See Alderfer, Sterling W., assignor.)
- Andrews, Edward F. (See O'Brien, William J., assignor.)
- Andrews, Edward F., Chicago, Ill. Aircraft. 2,307,654; Jan. 5.
- Andrews, Edward F., Chicago, Ill. Automatic phonograph. 2,323,365; July 6.
- Andrews, Edward F., Chicago, Ill. Aircraft. 2,329,814; Sept. 21.
- Andrews, Edward F., Chicago, Ill. Radio receiver. 2,326,737; Aug. 17.
- Andrews, Edward F., Chicago, Ill. Radio receiver. 2,326,738; Aug. 17.
- Andrews, Edward F., Chicago, Ill. Aircraft. 2,330,803; Oct. 5.
- Andrews, Elmer, Woodcliff, assignor to Callite Tungsten Corporation, Union City, N. J. Electric motor control. 2,325,092; July 27.
- Andrews & Goodrich, Inc. (See Dreisel, William, assignor.)
- Andrews, H. P. John, Baltimore, Md. Filter. 2,332,188; Oct. 19.
- Andrews, Harold K., Stratford, assignor to Edwin G. Gaynor, Fairfield, Conn. Attachable impedance. 2,324,053; July 13.
- Andrews, Harry I., South Norwalk, Conn. Desiccating apparatus. 2,326,512; Aug. 10.
- Andrews, Hervey N., Lodi, Calif. Hollow concrete building block. 2,311,628; Feb. 23.
- Andrews, James D., Jr., United States Army, San Francisco, Calif. Subaqueous grading apparatus. 2,318,587; May 11.
- Andrews, John L., Elmwood Park, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Apparatus for loading sheath wire heating units. 2,316,659; Apr. 13.
- Andrews, John L., Elmwood Park, Ill., assignor to Edison General Electric Appliance Company, Inc. Heating device. 2,325,358; July 27.
- Andrews, John S., St. Paul, L. H. Evans, and L. J. Huber, Minneapolis, Minn., assignors to General Mills, Inc. Mineral fortification of foodstuffs and medicinal products. 2,310,383; Feb. 9.
- Andrews, Joseph F., New York, N. Y., assignor to American Telephone and Telegraph Company. Method and apparatus for locating transmission faults. 2,315,383; Mar. 30.
- Andrews, Norman F. (See Paradise, L. A., and Andrews.)
- Andrews, O. B., Company. (See Boh, G. W., and Turner, assignors.)
- Andrews, O. B., Company. (See Turner, William E., assignor.)
- Andrews, Paul D., Schenectady, N. Y., assignor to General Electric Company. Protective means for transmitters. 2,334,530; Nov. 16.
- Andrews, Ray, and R. J. King, Washington, Pa., assignors to B. F. Drakenfeld & Co., Inc., New York, N. Y. Glass enamels. 2,312,788; Mar. 2.
- Andrews, Raynal W., Jr., New Kensington, and A. T. Dolly, assignors to Aluminum Company of America, Pittsburgh, Pa. Metalworking apparatus. 2,332,953; Oct. 19.
- Andrews, Robert E., New York, and S. Lowen, Yonkers, assignors to Reaco, Inc., New York, N. Y. Device for removing superfluous hair. 2,328,886; Sept. 7.
- Andrews, Rufus A., Mamaroneck, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 2,309,156; Jan. 26.
- Andrews, Troy M., and H. F. Reeves, Jr., Weeks, assignors to Ray Chemical Company, Inc., New Orleans, La. Rubber hydrohalide. 2,323,185; June 29.
- Andrews, William N., New York, N. Y. Auxiliary brake operator for vehicles. 2,322,499; June 22.
- Andrews, Zenas B., Cleveland, Ohio. Pouring fitting for paint containers and the like. 2,323,964; July 13.
- Andrien, Robert, Berlin, Germany; vested in the Alien Property Custodian. Saw-tooth wave generator. 2,328,248; Aug. 31.
- Andrus, Ralph H., Spanish Fork, Utah. Punch board. 2,322,216; June 22.
- Anemostat Corporation of America. (See Honerkamp, F., and Kurth, assignors.)
- Anemostat Corporation of America. (See Honerkamp, F., Self, and Kurth, assignors.)
- Anemostat Corporation of America. (See Serre, Maurice, assignor.)
- Anemostat Corporation of American. (See Serre, M., and Hewett, assignors.)
- Angel, Charles M., Huntington, W. Va. Apparatus for forming bearing metal surfaces on backing metals. 2,333,506; Nov. 2.
- Angelant, Marcel N., Melbourne, Victoria, Australia. Blackening out ships while still providing for the ventilation thereof. 2,317,712; Apr. 27.
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,319,201; May 18.
- Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,323,625; Nov. 9.
- Angell, Robert C., Prince Bay, N. Y., assignor to The S. S. White Dental Manufacturing Company. Dental equipment stand. 2,317,971; May 4.
- Angell, Stanton E., Dearborn, Mich. Twin wheel control. 2,332,389; Nov. 30.
- Angier Products, Inc. (See Spranger, Louis, assignor.)
- Anglada, Joseph A., New York, N. Y. Slack take-up device for tappings. 2,323,965; July 13.
- Anglo California National Bank of San Francisco, The, as trustee. (See Brandt, Alfred, assignor.)
- Anglo California National Bank of San Francisco, The, trustee. (See Hansing, Fritz, assignor.)
- Anglo California National Bank of San Francisco, The. (See Spooner, Edgar C. R., assignor.)
- Anglo-Iranian Oil Company Limited. (See Birch, S. F., and Beynon, assignors.)
- Anglo-Iranian Oil Company Limited. (See Fawcett, Eric W. M., assignor.)

- Angold, Edward B., Streatham Vale, London, assignor of one-half to United Gas Industries Limited, London, England. Ball bearing of the combined journal and thrust type. 2,329,973; Sept. 21.
- Annet, Walter, Manhasset, N. Y., assignor to Square D Company, Detroit, Mich. Adjustable linkage for pressure measuring instruments. 2,321,666; July 20.
- Ankus, David R., New York, N. Y. Container. 2,307,559; Jan. 5.
- Anholt, Anders P. (See Glern, J. B., and Anholt.)
- Annuag, John P. (See Kirk, Mauris, and Annuag.)
- Anpovey, Alphonse F., Cleveland, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Monorail tractor. 2,318,354; May 4.
- Ankario, Victor E., Hammond, Ind. Gas main stopper. 2,327,615; Aug. 24.
- Anser Huth Manufacturing Company. (See Krenke, Otto, assignor.)
- Ann Arbor Foundry Company, Inc. (See Betts, Everett D., assignor.)
- Annen, Robert, assignor to Roulements A Billos, Miniatures S. A., Bienne, Switzerland. Ball bearing. 2,333,970; Nov. 9.
- Annesley, Griffith, London, England. Gyration crusher. 2,327,381; Aug. 24.
- Annick, Michael, Rutherford, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Shutter control and indicating means. 2,307,179; Jan. 5.
- Annis, Douglas H., Oakland, Calif., assignor to Fluid Control Engineering Co. Fluid flow control device. 2,331,291; Oct. 12.
- Annie, Robert B., Indianapolis, Ind. Metal etching stylus. 2,316,388; Apr. 13.
- Annis, Robert B., Indianapolis, Ind. Split current transformer. 2,332,127; Oct. 19.
- Anschacher Siegle Corporation. (See Thomasset, Paul A., assignor.)
- Anschütz, Robert, Zella-Mehlis, Germany; vested in the Alien Property Custodian. Typewriting-calculating machine with several cross totalizers. 2,308,206; Jan. 19.
- Anschütz, Robert, Zella-Mehlis, and R. Gröschel, Suhl, Germany; vested in the Alien Property Custodian. Calculating machine storage device and indicator therefor. 2,322,996; June 29.
- Anschütz, Robert, and F. Schmidt, Zella-Mehlis, Germany; vested in the Alien Property Custodian. Controlling means for combined typewriting and calculating machines. 2,322,997; June 29.
- Anschütz, Robert, Zella-Mehlis, Germany; vested in the Alien Property Custodian. Typewriting-calculating machine. 2,335,251; Nov. 30.
- Ansell, John. (See Murphy, E. A., Paton, and Ansell.)
- Anshutz, Ralph. (See Delbel, C. P., Knable, and Anshutz.)
- Anspach, Harry R. (See Marquardt, R. E., Anspach, and Crockett.)
- Anspach, Russell J., Westfield, N. J., assignor to American Telephone and Telegraph Company. Telegraph system. 2,321,349; June 8.
- Ansul Chemical Company. (See Ehman, P. J., and Walker, assignors.)
- Ansul Chemical Company of California. (See Snowden, Ward E., assignor.)
- Antal, Vincent, Owatonna, Minn. Flexible adjustable lever drag harrow. 2,327,236; Aug. 17.
- Antes, Leland L., Houston, Tex., assignor to Standard Oil Development Company. Gravity meter. 2,327,692; Aug. 24.
- Anthes Force Oiler Company. (See Tolbert, William P., assignor.)
- Anthony Company, The. (See Morse, A. W., and Singer, assignors.)
- Anthony Company. (See Wachter, Lester W., assignor.)
- Anthony, Howard E., Los Angeles, Calif. Vending machine. 2,321,642; June 15.
- Anthony, John K. (See Palm, J. V. O., Anthony, and Wilkey.)
- Anti-Abundants (Proprietary) Limited. (See Haarhoff, Daniel van der M., assignor.)
- Antonelli, Bruno, Fall River, Mass. Sewing machine presser foot. 2,314,861; Mar. 30.
- Antonelli, Joseph A., Elgin, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Oil seal construction. 2,330,104; Sept. 21.
- Antonidis, John E. (See Clayton, E. M., and Antonidis.)
- Antrim, Louis C., New York, N. Y., assignor to Autographic Register Company, Hoboken, N. J. Typewriting machine. 2,307,351; Jan. 5.
- Antweiler, Friedrich. (See Fischinger, A., and Antweiler.)
- Anway, Herman W., assignor to Wood Conversion Company, Cloquet, Minn. Determining friability. 2,324,126; July 13.
- Anway, Herman W., assignor to Wood Conversion Company, Cloquet, Minn. Testing apparatus for friability of friable material. 2,324,127; July 13.
- Anway, Herman W., assignor to Wood Conversion Company, Cloquet, Minn. Testing feltlike fibers. 2,325,026; July 27.
- Anway, Herman W., assignor to Wood Conversion Company, Cloquet, Minn. Testing apparatus for compressing resilient masses. 2,325,027; July 27.
- Anxiennaz, René, Paris, and R. Imbert, Mantes, France, vested in the Alien Property Custodian. Gas turbine plant. 2,312,995; Mar. 2.
- Apco Messberg Company. (See Bench, D. E., and Crosby, assignors.)
- Apel, Carl H. (See Parke, P., and Apel.)
- Apel, Carl H., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Hinge for folding partitions. 2,307,560; Jan. 5.
- Apex Chemical Co. (See Wenker, Henry, assignor.)
- Apex Electrical Manufacturing Company, The. (See Franz, Paul E., assignor.)
- Apex Electrical Manufacturing Company, The. (See Kirby, James B., assignor.)
- Apex Electrical Manufacturing Company, The. (See Racklyeft, John W., assignor.)
- Apex Electrical Manufacturing Company, The. (See Wied, Julius P., assignor.)
- Apex Railway Products Co. (See Lave, Roy E., assignor.)
- Apfel, Joseph S., New York, N. Y. Black-out shade. 2,310,014; Feb. 2.
- Apfelbaum, Huna L., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Applicator. 2,334,531; Nov. 16.
- Apgar, Charles W. (See Rosenfeld, A. I., and Apgar.)
- Appel, George C. (See King, C. H., and Appel.)
- Appel, Henry L., Philadelphia, Pa., assignor, by mesne assignments, to Houdry Process Corporation, Wilmington, Del. Successive switching apparatus. 2,324,474; July 20.
- Appel, Richard, Sunnyside, Long Island, N. Y. Vibrating trick toy. 2,311,472; Mar. 23.
- Appeman, Walter R., St. Louis, Mo. Internal combustion engine. 2,335,252; Nov. 30.
- Apperley, George, Melbourne, Victoria, Australia, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. High speed telegraph system. 2,507,099; Jan. 5.
- Appley, Peter W., Odessa, Tex. Well washing tool. 2,307,658; Jan. 5.
- Appley, Peter W., Odessa, Tex. Well tool. 2,312,789; Mar. 2.
- Applegate, J. S., et al. (See Hall, Harry M., assignor.)
- Applied Arts Corporation. (See Gillisse, E., and Hendricks, assignors.)
- Applied Arts Corporation. (See Hendricks, Cornelius, assignor.)
- Applied Sugar Laboratories, Inc. (See Pike, N. R., Keim, and McLaren, assignors.)
- Appenau Company, The. (See Ryder, Edward B., Jr., assignor.)
- Appton, Lorintha B. (See Appton, Oliver O., assignor.)
- Appton, Oliver O., assignor to L. B. Appton, New York, N. Y. Exhaust control for air hammers. 2,320,340; June 1.
- Appton, Oliver O., assignor to L. B. Appton, New York, N. Y. Tool mounting for hammers. 2,334,165; Nov. 2.
- April, Edith et al. (See Rassist, Rudolph, assignor.)
- Aqua-Electric Corporation, Ltd. (See Eweson, Eric W., assignor.)
- Aqua Systems Incorporated. (See Peter, W. J., and Kniestner, assignors.)
- Aquantry, Incorporated. (See Gerahy, James D., assignor.)
- Arabul Manufacturing Company, The. (See Lee, W. M., and Erikson, assignors.)
- Arabul Manufacturing Company, The. (See Lindsay, W. N., and Lietz, assignors.)
- Aragona, Daniel, Medford, Mass. Chalk and chalk dust collection receptacle. 2,329,737; Sept. 21.
- Aranceta, Ignacio. (See Gräver, Engelbert, assignor.)
- Aranoft, Kenneth, Chicago, Ill. Book front. 2,332,425; Oct. 19.
- Arc Manufacturing Company Limited. (See Haim, G., and Rogers, assignors.)
- Archer, Edward M. (See Schur, M. O., and Archer.)
- Archer, George F., New York, N. Y. Explosive-carrier sensitive to airplane induced aerial disturbances. 2,330,325; Sept. 28.
- Archer, Gleason L., Boston, Mass., assignor to Suffolk University. Automatic tank destroyer. 2,320,903; June 1.
- Archer, Sylvanus M., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Combination lock. 2,322,724; June 22.
- Archibald, Francis M., Elizabeth, N. J., assignor to Standard Oil Development Company. Purification of recovered sulphuric acid. 2,313,910; Mar. 16.
- Archibald, Francis M., Elizabeth, N. J., assignor to Standard Alcohol Company. Recovering ethers. 2,324,054; July 13.
- Archibald, Francis M., Elizabeth, N. J., assignor to Standard Oil Development Company. Refining oil-soluble sulphates. 2,334,532; Nov. 16.
- Archibald, Francis M., Elizabeth, N. J., and C. A. Harris, New York, N. Y., assignors to Standard Oil Development Company. Copper corrosion inhibitor. 2,311,505; Feb. 16.
- Archibald, Raymond C. (See Greensfelder, B. S., and Archibald.)

- Archibald, Raymond C. Contra Costa County, and A. E. Smith, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalysts and the preparation thereof. 2,331,292; Oct. 12.
- Arch-O-Graph Company. (See Hyland, D. F., Brenner, H. L. and John, and Knudsen.)
- Arch-O-Graph Company. (See Hyland, D. F., Stiles, and Brenner, Hugo L. and J., assignors.)
- Arder, Alex E., Dayton, and C. J. Brunker, Troy, Ohio, assignors to Waco Aircraft Company. Aircraft tank construction. 2,322,104; June 15.
- Arden Farms Co. (See Ray, Don, assignor.)
- Arden, Thomas R., Danbury, Conn. Timer for electrical systems. 2,317,969; May 4.
- Arden, Thomas R., Danbury, Conn. Fuel tank. 2,318,917; May 11.
- Arder, Frank J., Highland Park, assignor to L. A. Young, Detroit, Mich. Cutting implement. 2,321,350; June 8.
- Ardner, Frank J., Highland Park, assignor to L. A. Young, Detroit, Mich. Safety razor. 2,321,351; June 8.
- Arehart, David D., assignor to Palace Travel Coach Corporation, Flint, Mich. Trailer draft connection. 2,329,380; Sept. 14.
- Arelt, Charles, Richmond Hill, N. Y., assignor to American Machine & Foundry Company. Mechanism for forming dense end cigarettes. 2,316,213; Apr. 13.
- Arelt, Charles, Richmond Hill, N. Y., assignor to American Machine & Foundry Company. Tobacco feed for cigarette machines. 2,318,588; May 11.
- Arelt, Charles, Richmond Hill, N. Y., assignor to American Machine & Foundry Company. Cigarette feed for packers. 2,334,442; N.Y. 9.
- Arena, Frank, Elba, N. Y. Diesel engine. 2,309,434; Jan. 26.
- Arena, Joseph, Brooklyn, N. Y. Shoe polish brush. 2,319,028; May 11.
- Arenberg, Albert L., Highland Park, assignor to Patent License Corporation, Chicago, Ill. Lighting equipment. 2,337,794; Dec. 28.
- Arendt, Morton, New York, N. Y. Display system. 2,319,287; May 18.
- Arens, Charles A., assignor to Arens Controls, Inc., Chicago, Ill. Control mechanism. 2,324,475; July 20.
- Arens Controls, Inc. (See Arens, Charles A., assignor.)
- Arens Controls, Inc. (See Norton, Calhoun, assignor.)
- Arens, Hans, Dessau, K. Kimmert, P. Walter, and G. Wilmanns, Witten, K. Witterter, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Photographic emulsion. 2,323,187; June 29.
- Arenson, Emmett, Kansas City, Mo. Book match holder. 2,337,305; Dec. 21.
- Arentzen, Einar M., Charleroi, and A. L. Lee, Oakmont, assignors, by mesne assignments, to Joy Manufacturing Company, Franklin, Pa. Mine haulage vehicle. 2,325,730; Aug. 3.
- Arentzen, Einar M., Charleroi, and A. L. Lee, Oakmont, assignors to Joy Manufacturing Company, Franklin, Pa. Mine haulage vehicle. 2,325,731; Aug. 3.
- Arentzen, Einar M., Charleroi, Pa., assignor, by mesne assignments, to Goodman Manufacturing Company, Chicago, Ill. Mounted kurt-cutting machine. 2,332,546; Oct. 26.
- Areesee Company, Inc. (See Chandler, D. L., Walker, and Ewing, assignors.)
- Arey, Alton L., East Cleveland, Ohio. Valve structure. 2,311,506; Feb. 16.
- Arey, Fred C. (See Higner, De L. E., and Arey.)
- Arey, Gordon C., Fort Thomas, Ky. Inner tube for pneumatic tire casings. 2,334,893; Nov. 23.
- Arey, Ralph G. (See Lundquist, August F., assignor.)
- Arey, Ralph G., Swampscott, and H. T. Faus, Lynn, Mass., assignors to General Electric Company. Telemetering arrangement. 2,330,661; Sept. 28.
- Arey, Ralph G., Swampscott, Mass. Processing strip material. 2,331,157; Oct. 5.
- Arey, Ralph G., Swampscott, Mass. Dry shaver. 2,331,646; Oct. 12.
- Arff, John H., assignor to Rayzone Products Corporation, Portland, Oreg. Apparatus for producing ozone. 2,326,601; Aug. 10.
- Argyle, Christopher S. (See Olpin, H. C., Argyle, and Brown.)
- Ardor Company, The. (See Fleisch, Joseph R., assignor.)
- Arlens, Mando S., Brillion, Wis. Tine mounting. 2,309,157; Jan. 26.
- Ariotti, Guido, and E. H. Bucy, Stamford, Conn., assignors to Atlas Powder Company, Wilmington, Del. Simulated hammered metal finish. 2,326,001; Aug. 3.
- Arts Gloves, Inc. (See Chanut, Paul A., assignor.)
- Arisman, Marvin B. (See Turner, E. S., and Arisman.)
- Arkell Safety Bag Company. (See Greene, Edwin D., assignor.)
- Armcast, Wilbur H., Scarsdale, assignor to The Superheater Company, New York, N. Y. Cleanout plug. 2,335,230; Nov. 30.
- Armagost, William K. (See Harper, K. W. Gradisar, Armagost and Peck.)
- Armantrout, Charles W. (See Schneider, W. G., and Armantrout.)
- Armantrout, Kenneth M., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission control. 2,313,717; Mar. 16.
- Armao, John I., Elmsere, N. Y. Building block. 2,321,449; June 8.
- Armentrout, Arthur L., et al. (See Rhoads, Roy M., assignor.)
- Armentrout, Arthur L., Los Angeles, Calif. Apparatus useful in directional well drilling. 2,327,693; Aug. 24.
- Armentrout, Gerald E., Flint, Mich., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Simulating hammered metal. 2,316,041; Apr. 6.
- Armfield, Frederic A., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Lubricating oil. 2,316,852; Apr. 20.
- Armington, George E. (See Armington, Raymond Q. and G. E.)
- Armington, George E. (See Armington, Stewart F. and George E.)
- Armington, George E., South Euclid, and R. Q. Armington, Shaker Heights, assignors to The Euclid Road Machinery Company, Euclid, Ohio. Pipe coupling. 2,318,575; May 11.
- Armington, Raymond Q. (See Armington, George E. and R. Q.)
- Armington, Raymond Q., Shaker Heights, assignor to The Euclid Road Machinery Company, Euclid, Ohio. Conveyor loader. 2,309,623; Feb. 2.
- Armington, Raymond Q., Shaker Heights, and S. F. Armington, Willoughby, assignors to The Euclid Road Machinery Company, Euclid, Ohio. Plural scoop scraper. 2,315,363; Mar. 30.
- Armington, Raymond Q., Shaker Heights, and G. E. Armington, South Euclid, assignors to The Euclid Road Machinery Company, Euclid, Ohio. Hydraulic control system for scrapers. 2,335,231; Nov. 30.
- Armington, Stewart F. (See Armington, Raymond Q. and S. F.)
- Armington, Stewart F., Willoughby, assignor to The Euclid Road Machinery Company, Euclid, Ohio. Combined dirt spreader and bumper. 2,327,385; Aug. 24.
- Armington, Stewart F., Willoughby, and G. E. Armington, South Euclid, assignors to The Euclid Road Machinery Company, Euclid, Ohio. Scraper. 2,312,311; Mar. 2.
- Armistead, George, Jr., Houston, Tex., assignor to Process Management Company, Inc., New York, N. Y. Motor fuel production. 2,325,093; July 27.
- Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Adjusting and locking device. 2,332,684; Oct. 26.
- Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool transmission and control mechanism. 2,337,223; Dec. 21.
- Armored Tank Corporation. (See Anderson, Alfred E., assignor.)
- Armour and Company. (See Colt, E. W., and Cornwell, assignors.)
- Armour and Company. (See Dyrek, John E., assignor.)
- Armour and Company. (See Fischer, Norman C., assignor.)
- Armour and Company. (See Harrington, Harry C., assignor.)
- Armour and Company. (See Hoffman, H. D., and Zeigler, assignors.)
- Armour and Company. (See Jordan, Isaac N., assignor.)
- Armour and Company. (See Kell, Harvard I., assignor.)
- Armour and Company. (See McCaslin, Walton L., assignor.)
- Armour and Company. (See Potts, Ralph H., assignor.)
- Armour and Company. (See Ralston, A. W., and Hoffmann, assignors.)
- Armour and Company. (See Ralston, A. W., and Pool, assignors.)
- Armour and Company. (See Ralston, A. W., and Segebrecht, assignors.)
- Armour and Company. (See Ralston, A. W., and Vander Wal, assignors.)
- Armour and Company. (See Roberts, Richard G., assignor.)
- Armour and Company. (See Schultz, Kristian, assignor.)
- Armour and Company. (See Sifert, R. H., Porsche, and Solms, assignors.)
- Arms, Merton H., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Metalworking machine. 2,319,338; Feb. 9.
- Arms, Ray W. (See Rakowsky, V., Holt, and Arms.)
- Armstrong, Adam E., assignor to Armstrong Machine Works, Three Rivers, Mich. Paper drier temperature control. 2,309,565; Jan. 26.
- Armstrong Cork Company. (See Adams, Benjamin F., assignor.)
- Armstrong Cork Company. (See Austin, Harry M., assignor.)
- Armstrong Cork Company. (See Barton, George E., assignor.)
- Armstrong Cork Company. (See Billmeyer, Bruce R., assignor.)
- Armstrong Cork Company. (See Callis, Conral C., assignor.)
- Armstrong Cork Company. (See Carman, Frank H., assignor.)
- Armstrong Cork Company. (See Ehle, George E., assignor.)
- Armstrong Cork Company. (See Frank, Lewis I., assignor.)

- Armstrong Cork Company. (See Gaenzle, Luther E., assignor.)
- Armstrong Cork Company. (See Kinney, Paul W., assignor.)
- Armstrong Cork Company. (See Lockwood, Louis H., assignor.)
- Armstrong Cork Company. (See McCartney, John C., assignor.)
- Armstrong Cork Company. (See McCartney, J. C., and Jaynes, assignors.)
- Armstrong Cork Company. (See McCombs, Arnold R., assignor.)
- Armstrong Cork Company. (See Mearig, Henry K., assignor.)
- Armstrong Cork Company. (See Menger, F. B., and Gaenzle, assignors.)
- Armstrong Cork Company. (See Pennell, Philip H., assignor.)
- Armstrong Cork Company. (See Perry, Arlington C., assignor.)
- Armstrong Cork Company. (See Powers, Paul G., assignor.)
- Armstrong Cork Company. (See Schrader, Charles C., assignor.)
- Armstrong Cork Company. (See Senderfer, Levi E., assignor.)
- Armstrong Cork Company. (See Spencer, Virgil, assignor.)
- Armstrong Cork Company. (See Sommerville, Frederick G., assignor.)
- Armstrong Cork Company. (See Summersgill, James F., assignor.)
- Armstrong, Edward J., assignor to The Union Fork and Hoe Company, Columbus, Ohio. Self-locking tool shank. 2,313,858; Mar. 16.
- Armstrong, Edwin H., New York, N. Y. Method and means for transmitting frequency modulated signals. 2,315,308; Mar. 30.
- Armstrong, Edwin H., New York, N. Y. Receiving radio signals. 2,318,137; May 1.
- Armstrong, Edwin H., New York, N. Y. Frequency modulation signaling system. 2,323,098; July 6.
- Armstrong, Frank J., Erdington, Birmingham, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Safety tube for pneumatic tires. 2,322,500; June 25.
- Armstrong, Henry B., San Francisco, Calif. Dimmer for flash lamps. 2,307,379; Jan. 5.
- Armstrong, James, St. Louis, Mo. Connecting rod connection with piston and crank-shaft. 2,317,429; Apr. 27.
- Armstrong, John, Bayonne, N. J. Device for brewing and dispensing beverages. 2,328,599; Sept. 7.
- Armstrong, John, Bayonne, N. J. Device for brewing and dispensing beverages. 2,334,532; Nov. 16.
- Armstrong Machine Works. (See Armstrong, Adam E., assignor.)
- Armstrong Machine Works. (See Papulski, Alexander J., assignor.)
- Armstrong Manufacturing Co. (See Waldo, John E., assignor.)
- Armstrong Products Corporation. (See Dudley, Roy A., assignor.)
- Armstrong, Reginald B., Chelmsford, G. L. Grisdale, Great Baddow, E. F. Goodenough, Springfield, Chelmsford, England, assignors to Radio Corporation of America. Band-pass filter circuits. 2,308,258; Jan. 12.
- Armstrong, Robert T., Radburn, N. J., assignor to United States Rubber Company, New York, N. Y. Anti-flex-cracking agent. 2,334,470; Nov. 16.
- Armstrong, Robert T., Radburn, and E. J. Hart, Nutley, N. J., assignors to United States Rubber Company, New York, N. Y. Treatment of rubber. 2,324,186; July 13.
- Armstrong, Siddeley Motors Limited. (See Heppner, Fritz A. M., assignor.)
- Armstrong, William, Long Island City, N. Y., assignor to The Dowty Corporation, Wilmington, Del. Lever suspension landing gear. 2,323,640; July 6.
- Armen Company. (See Sendzimir, Tadeusz, assignor.)
- Arndt, Franklin E., Gallon, Ohio, assignor to The Gallon Iron Works & Manufacturing Company. Material spreader. 2,309,086; Jan. 26.
- Arndt, Franklin E., Gallon, Ohio, assignor to The Gallon Iron Works & Manufacturing Company. Material spreader. 2,309,087; Jan. 26.
- Arndt, Franklin E., Gallon, Ohio, assignor to The Gallon Iron Works & Manufacturing Company. Road grader. 2,322,998; June 29.
- Arndt, Franklin E., Gallon, Ohio, assignor to The Gallon Iron Works & Manufacturing Company. Road grader. 2,322,999; June 29.
- Arndt, Franklin E., Gallon, Ohio, assignor to The Gallon Iron Works & Manufacturing Company. Road grader. 2,323,108; June 29.
- Arndt, Franklin E., Gallon, Ohio, assignor to The Gallon Iron Works & Manufacturing Company. Road grader. 2,323,109; June 29.
- Arndt, Franklin E., Gallon, Ohio, assignor to The Gallon Iron Works & Manufacturing Company. Road grader. 2,323,110; June 29.
- Arndt, Max A., Portland, Oreg. Angle-measuring caliper. 2,328,768; Sept. 7.
- Arndt, William F., Los Angeles, Calif., assignor to Warner Brothers Pictures, Inc. Drive system for process photography. 2,310,339; Feb. 9.
- Arndt, William F., Los Angeles, Calif., assignor to Radio Corporation of America. Film marking system. 2,310,340; Feb. 9.
- Arnesen, Walter A., New York, assignor to National Electric Instrument Co., Inc., Long Island City, N. Y. Spectrum. 2,320,709; June 1.
- Arneson, Walter A., New York, assignor to National Electrical Instrument Co., Inc., Long Island City, N. Y. Retinoscope. 2,331,591; Oct. 12.
- Arness, William B., Bellevue, Pa., assignor to Rustless Iron and Steel Corporation. Rustless iron. 2,310,341; Feb. 9.
- Arnett, Ellis D. (See Arnett, Loten E., and E. D.)
- Arnett, Loten E., and E. D. Arnett, Ontario, Calif. Portable loader. 2,334,304; Nov. 16.
- Arnett, Oliver J., Santa Ana, Calif. Street sweeping machine. 2,314,381; Mar. 23.
- Arnett, Richard W., Inglewood, Calif. Starting device for runners. 2,323,510; July 6.
- Arney, Raymond, Los Angeles, Calif. Slicing device. 2,328,887; Sept. 7.
- Arnold, A. H., & Company. (See Gran, Norman, assignor.)
- Arnold, Arthur A. (See Madsen, P. S., and Arnold.)
- Arnold, Berel A., assignor to Knight Leather Products Co., Inc., Boston, Mass. Case to hold toilet articles. 2,320,160; May 25.
- Arnold, Berel A., assignor to Knight Leather Products Co., Inc., Boston, Mass. Toilet case. 2,335,898; Dec. 7.
- Arnold, Bryan C., U. S. Army, Fort Shafter, Honolulu, Hawaii. Aiming device. 2,337,537; Dec. 28.
- Arnold, Charles B., Chicago, Ill., assignor to The Gref Bros. Co., Coopers & Corporation, Cleveland, Ohio. Plywood. 2,313,309; Mar. 6.
- Arnold, Charles F., and L. L. Kortkamp, assignors to General Motors Corporation, Detroit, Mich. Paint inspection. 2,320,842; June 1.
- Arnold, Chester R. (See Anderson, R. L., and Arnold.)
- Arnold Dryer Co. (See French, Henry C., assignor.)
- Arnold, Edwin E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrohydraulic operator. 2,313,909; Mar. 16.
- Arnold, G. Wright, et al. (See Porter, John, assignor.)
- Arnold, George B., and L. Donn, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Gaseous discharge device. 2,332,189; Oct. 19.
- Arnold, George T., Auburn, assignor of fifty per cent to C. N. Vondott, New York, N. Y. Envelope. 2,318,278; May 4.
- Arnold, Gerald D., Wauwatosa, Wis. Preserving valuable elements of organic material. Re 22,383; Oct. 5.
- Arnold, Gerald W., Wauwatosa, Wis. Preserving elements of organic materials. 2,318,576; May 11.
- Arnold, Harold W., Marshallton, G. L. Dorrough, and G. H. Latham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated cellulosic material. 2,334,236; Nov. 16.
- Arnold, Herrick R., New Castle County, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of formaldehyde. 2,320,253; May 25.
- Arnold, Hollis H., et al. (See Green, Clarence W., assignor.)
- Arnold, James C., assignor to Lane-Wells Company, Los Angeles, Calif. Well-bore radiation logging apparatus. 2,313,310; Mar. 9.
- Arnold, Max, Allentown, Pa., assignor to Goldsmith Bros. Manufacturing Co., Inc., New York, N. Y. Handbag closure device. 2,337,961; Dec. 28.
- Arnold, Michael H. M., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Production of thiophene. 2,336,916; Dec. 14.
- Arnold, Robert B., Stonewall Courts, Va., assignor to Tobacco By-Products and Chemical Corporation, Louisville, Ky. Insecticide spray material and making the same. 2,311,629; Feb. 25.
- Arnold, Roscoe J., et al. (See Scanlon, Charles D., assignor.)
- Arnold, Ross H. (See Jauch, R. J., and Arnold.)
- Arnold, Stanford N., Brooklyn, assignor to Foster Wheeler Corporation, New York, N. Y. Wrench. 2,337,538; Dec. 28.
- Arnold, Walter P., Orrville, Ohio, assignor, by mesne assignments, to Koppers Company. Bituminous coating for steel. 2,322,105; June 15.
- Arnold, Walter P., Orrville, and E. R. Boller, Twinsburg Township, Summit County, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process and product. 2,325,359; July 27.
- Arnold, William O., Turtle Township, Rock County, Wis. Food feeding mechanism. 2,314,605; Mar. 23.
- Arnold, Frederick O., Kenmore, and W. G. Dechend, Buffalo, N. Y., assignors to Curtiss-Wright Corporation. Multiple riveter. 2,334,982; Nov. 23.
- Arnoldy, Roman F., Houston, Tex., assignor to The Linde Air Products Company. Apparatus for treating metal articles. 2,310,384; Feb. 9.
- Arnott, Edward G. B., Montclair, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Low current-low voltage ignitor. 2,308,346; Jan. 12.

- Arnett, Edward G. F., Montclair, and Robert F. Rennie, Little Falls, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Multiple layer igniter. 2,308,345; Jan. 12.
- Aro Equipment Corporation, The. (See Ginter, Charles W., assignor.)
- Aro Equipment Corporation, The. (See Satterlee, Howard A., assignor.)
- Aron, Werner, Dunstable, England. Electric contact. 2,336,917; Dec. 14.
- Aronauer, Joseph, Inc. (See Saval, Joseph A., assignor.)
- Aroney, Anthony, Los Angeles, Calif. Cream separator. 2,315,178; Mar. 30.
- Arpin, Leonard G., Montclair, N. J. Producing beads. Re. 2,235,878; Aug. 3.
- Arps, Bruno F., New Holstein, Wis., assignor to Arps Corporation. Snow and dirt moving attachment for tractors. 2,307,655; Jan. 5.
- Arps, Bruno F., assignor to Arps Corporation, New Holstein, Wis. Power pickup and dumping attachment for tractors. 2,317,578; Apr. 27.
- Arps Corporation. (See Arps, Bruno F., assignor.)
- Arquilla, Anthony. (See Johnson, I. B., and Arquilla.)
- Arrow Fastener, Inc. (See Abrams, M., and Berger, assignors.)
- Arrow-Hart & Hegeman Electric Company, The. (See Bentley, Robert H., assignor.)
- Arrow-Hart & Hegeman Electric Company, The. (See Galt, Paul T., Jr., assignor.)
- Arrow-Hart & Hegeman Electric Co., The. (See Galt, P. T., Jr., and Schleicher, assignors.)
- Arrow-Hart & Hegeman Electric Co., The. (See Johnson, David W., assignor.)
- Arrow-Hart & Hegeman Electric Company, The. (See Schleicher, Harold E., assignor.)
- Arrow-Hart & Hegeman Electric Company, The. (See Shenton, Thomas W., assignor.)
- Arrow Match Corporation. (See Anderson, Carl E., assignor.)
- Arrowood, Jennie A., et al., joint tenants. (See Arrowood, Wiley T., assignor.)
- Arrowood, Wiley T., Rosemead, Calif., assignor to W. T. and J. A. Arrowood, as joint tenants. Flexible handle for tools. 2,337,440; Dec. 21.
- Arslan, Albert E. (See Hazard, J. G., and Arslan.)
- Art Metal Construction Company. (See Johnson, J. A., assignor.)
- Art Metal Construction Company. (See Jones, James R., assignor.)
- Art Metal Construction Company. (See Jones, J. R., and Gronberg, assignors.)
- Art Metal Construction Company. (See Larson, H. W., assignor.)
- Art Metal Works, Inc. (See Burchett, Ray L., assignor.)
- Art Metal Works, Inc. (See Burchett, Walter J., assignor.)
- Art Metal Works, Inc. (See Harris, Alexander, assignor.)
- Arter, Charles K., Jr., Shanker Heights, and S. Peskind, Cleveland, Ohio. Toilet seat cover. 2,313,311; Mar. 9.
- Arthur, Alexander F., Homestead, assignor, by mesne assignments, to F. C. Peters, Miami Beach, Fla. Potato drying apparatus. 2,326,115; Aug. 10.
- Arthur, James L., and W. D. Schroepe, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Distributor rotor lock. 2,321,643; June 15.
- Arthur, Marion A., Houston, Tex., assignor to Standard Oil Development Company. Method and apparatus for taking a series of spectrograph measurements. 2,324,899; July 20.
- Arthur, Marion A., Houston, Tex., assignor to Standard Oil Development Company. Geochemical prospecting. 2,330,021; Sept. 21.
- Arthur, Oscar F., Belle Vernon, Pa. Wire-lacing apparatus. 2,325,491; July 27.
- Arthur, Oscar F., Belle Vernon, Pa. Coil-forming apparatus. 2,325,462; July 27.
- Arthur, Oscar F., Belle Vernon, Pa., assignor to Tri-State Engineering Co. Field mat. 2,315,180; Mar. 30.
- Arthur, Paul, Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Shrinkproofing process. 2,311,507; Feb. 16.
- Arthur, Robert L., Coronado, Calif. Wrench. 2,324,187; July 13.
- Artinian, Avedis, New York, and C. M. Chapman, Glen Cove, N. Y. Preserving food juices. 2,314,837; Mar. 23.
- Artistic Potteries, Inc. (See Smith, Albert L., assignor.)
- Artsay, Nicholas C., Valhalla, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,325,583; Aug. 3.
- Artz, Maurice, Haddonfield, N. J., assignor to Radio Corporation of America. Balanced direct and alternating current amplifiers. 2,310,342; Feb. 9.
- Artzt, Maurice, Haddonfield, N. J., assignor to Radio Corporation of America. Frequency modulation. 2,321,269; June 8.
- Artzt, Maurice, Haddonfield, N. J., assignor to Radio Corporation of America. Amplifier. 2,323,966; July 13.
- Artzt, Maurice, Haddonfield, N. J., assignor to Radio Corporation of America. Motor synchronizing device. 2,325,028; July 27.
- Artzt, Maurice, Haddonfield, N. J., assignor to Radio Corporation of America. Broadcast facsimile transmission. 2,326,740; Aug. 17.
- Arundale, Erving. (See Mikeska, L. A., and Arundale.)
- Arundale, Erving, Colonia, N. J., assignor to Standard Oil Development Company. Dewaxing solvent. 2,321,967; June 15.
- Arundale, Erving, Colonia, and L. A. Mikeska, Westfield, N. J., assignors to Standard Oil Development Company. Chemical process. 2,307,872; Jan. 12.
- Arundale, Erving, Union, and L. A. Mikeska, Westfield, N. J., assignors to Standard Oil Development Company. Alkoxy meta-dioxanes. 2,312,743; Mar. 2.
- Arundale, Erving, Colonia, and L. A. Mikeska, Westfield, N. J., assignors to Standard Oil Development Company. Motor fuel. 2,331,158; Oct. 5.
- Arundale, Erving, Colonia, and L. A. Mikeska, Westfield, N. J., assignors to Standard Oil Development Company. Chemical process. 2,336,585; Dec. 14.
- Arutunoff, Armais, assignor to Reda Pump Company, Bartlesville, Okla. Submersible electric motor for deep well pumps. 2,315,917; Apr. 6.
- Arvey Corporation. (See Godell, Sidney, assignor.)
- Arvey Corporation, et al. (See Klein, Charles, assignor.)
- Arvey Corporation. (See Strauss, Charles, assignor.)
- Arvintz Abraham A., assignor to Seal-O-Strain Corporation, Brooklyn, N. Y. Filling cap and strainer device. 2,335,899; Dec. 7.
- Arzberger, Cornelius F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Products of riboflavin by butyl alcohol producing bacteria. 2,326,425; Aug. 10.
- Asaro, Vito. (See Clark, W. A., and Asaro.)
- Asaro, Vito. (See Young, L. A., and Asaro.)
- Asaro, Vito, assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Spring structure. 2,332,041; Oct. 19.
- Asaro, Vito, assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring structure. 2,332,042; Oct. 19.
- Asaro, Vito, assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring structure. 2,334,305; Nov. 16.
- Asaro, Vito, assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Spring structure. 2,336,975; Dec. 14.
- Asbestos Limited Incorporated. (See Newman, Nathan F., assignor.)
- Asbestos and Metal Industries Corporation. (See Winter, Joseph W., assignor.)
- Asbridge, Harry H., Ashton-on-Mersey, assignor to The Churchill Machine Tool Company Limited, Broadheath, near Altrincham, England. Spindle bearing. 2,324,664; July 20.
- Asbury, Ray W. (See Drake, John L., assignor.)
- Aschermann, Gunther, Berlin-Zehlendorf, and H. Strubing, Berlin-Britz, Germany, assignors to General Electric Company. Luminescent material. 2,308,736; Jan. 19.
- Aschwanden, Karl, Berlin-Wittenau, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,318,042; May 4.
- Aschwanden, Karl, Berlin-Wittenau, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Compensating arrangement for thermal relays. 2,318,279; May 4.
- Ascote, Inc. (See Davis, Willis G., assignor.)
- Ash, Charles S., Milford, Mich. Dual wheel vehicle. 2,310,921; Feb. 16.
- Ash, Charles S., Milford, Mich. Automotive vehicle. 2,317,972; May 4.
- Ash, Charles S., Milford, Mich. Dual wheel brake. 2,329,097; Sept. 7.
- Ash, Charles S., Milford, Mich. Dual wheel brake. 2,331,159; Oct. 5.
- Ash, Charles S., Milford, Mich. Dual wheel brake. 2,334,692; Nov. 23.
- Ash, Laurence T., Fort Lauderdale, Fla. Printing device. 2,321,968; June 15.
- Ash, Ralph, Los Angeles, Calif. Water replenisher for cooking vessels. 2,329,316; Sept. 14.
- Ashaway Line & Twine Mfg. Co. (See Crandall, Julian T., assignor.)
- Ashbaugh, John H., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaning apparatus. 2,337,364; Dec. 21.
- Ashby, Carl T., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,314,064; Mar. 16.
- Ashby, Carl T., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,320,500; June 1.
- Ashby, Carl T., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,321,060; June 8.
- Ashby, Carl T., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,324,810; July 20.
- Ashby, Donald, London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for electrodeposition. 2,327,386; Aug. 24.
- Ashcraft, Joseph P., Dallas, Tex., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fluid fuel burner control system. 2,335,471; Nov. 30.

- Asheroff, Donald G., Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Apparatus useful for the manufacture of electric blasting caps. 2,314,606; Mar. 28.
- Asheroff, Donald G., Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Apparatus for grading electrical resistances and articles comprising them. 2,327,484; Aug. 24.
- Ashe, John L., Buckeye, Ariz. Telegraph key. 2,307,480; Jan. 5.
- Asheberg, Stuart C., and L. J. Schwenkmeier, San Diego, Calif. Display device. 2,315,240; Mar. 30.
- Ashley, Carlyle M., assignor to Carrier Corporation, Syracuse, N. Y. Cold diffuser. 2,323,176; June 29.
- Ashley, Kenneth D., Darien, Conn., assignor to American Cyanamid Company, New York, N. Y. Nitroguanidine. 2,318,577; May 11.
- Ashley, Luther M., Pontiac, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle headlight control. 2,329,684; Sept. 21.
- Ashley Machine Company, The. (See Campbell, Harold C., assignor.)
- Ashley, Roy. (See Sullivan, F. C., and Ashley.)
- Ashlock, George W., Jr., Oakland, Calif. Fruit orienting device. 2,308,037; Jan. 12.
- Ashlock, George W., Jr., Oakland, Calif. Fruit pitting device. 2,308,039; Jan. 12.
- Ashlock, George W., Jr., Oakland, Calif. Fruit pitting chuck. 2,314,862; Mar. 30.
- Ashton, Benjamin N., and E. D. Holland, assignors to Electrical Incorporated, Kingston, N. Y. Collapsible handle hand pump. 2,331,057; Nov. 9.
- Ashton, Douglas W., Ottawa, Ontario, Canada. Poultry band. 2,337,729; Dec. 28.
- Ashton, Fred B., St. Louis, Mo. Tablet dispenser. 2,330,256; Sept. 28.
- Ashton, Herbert T., Duxbury, near Manchester, England, assignor to General Electric Company. Apparatus for loading and packing material into sheaths. 2,337,394; Dec. 21.
- Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,327,387; Aug. 24.
- Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sewing machine. 2,329,237; Sept. 14.
- Ashworth, Fred, Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lock-stitch sewing machine. 2,329,691; Sept. 21.
- Ashworth, Fred, Wenham, and C. F. Whitaker, Beverly, Mass., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sewing machine. 2,316,761; Apr. 20.
- Ashworth, Fred, Wenham, and C. F. Whitaker, Beverly, Mass., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sewing machine. 2,331,366; Oct. 12.
- Ashworth, Harry E., Penn Township, Allegheny County, assignor to the Union Switch & Signal Company, Swissvale, Pa. Holding means for instruments. 2,333,971; Nov. 9.
- Ashworth, James E. (See Schick, E. L., and Ashworth.)
- Ashworth, Joseph A., North Arlington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Furnace control apparatus. 2,325,094; July 27.
- Ashworth, Percy B., Cam, assignor to R. A. Lister & Company Limited, Dursley, Gloucestershire, England. Wheeled vehicle of the elevator type. 2,336,831; Dec. 14.
- Asimow, Morris, Los Angeles, Calif. Apparatus for indicating temperature of cutting tools. 2,314,753; Mar. 23.
- Askania Regulator Company. (See Ziebolz, Herbert, assignor.)
- Aske, Charles B., Jr., Detroit, Mich. Ornamental wheel trim securing means. 2,333,626; Nov. 9.
- Aske, Irving E., Muskegon, Mich. Piston. 2,336,918; Dec. 14.
- Askew, Henry, Chattanooga, Tenn. Self-oiling picker rod. 2,309,375; Jan. 26.
- Askue, Albert R., Mentor, assignor to The Cleveland Trencher Company, Cleveland, Ohio. Trenching machine. 2,321,352; June 8.
- Aspinwall, Robert B., Hazel Park, Mich., and T. B. Tyler, Miami Beach, Fla., assignors to The Monopower Corporation, Detroit, Mich. Torque conveying and converting apparatus. Re. 22,267; Feb. 16.
- Asselin, Arthur N., Fall River, Mass. Flush tank valve. 2,308,347; Jan. 12.
- Assmann, Peter. (See Staeger, R., Assmann, and Ehrmann.)
- Associated Attleboro Manufactures, Inc. (See Fife, George, assignor.)
- Associated Electric Laboratories, Inc. (See Burgener, Karl L., assignor.)
- Associated Electric Laboratories, Inc. (See Crocker, Thomas P., assignor.)
- Associated Electric Laboratories, Inc. (See Griffins, Morris E., assignor.)
- Associated Electric Laboratories, Inc. (See Hadfield, Bertram M., assignor.)
- Associated Electric Laboratories, Inc. (See Kessler, Frank, assignor.)
- Associated Electric Laboratories, Inc. (See Lomax, Clarence E., assignor.)
- Associated Electric Laboratories, Inc. (See Matousek, Edward, assignor.)
- Associated Electric Laboratories, Inc. (See Nastedt, Harry N., assignor.)
- Associated Electric Laboratories, Inc. (See Obergfell, H. F., and Sangebusch, assignors.)
- Associated Electric Laboratories, Inc. (See Ostline, John E., assignor.)
- Associated Electric Laboratories, Inc. (See Perkins, William H., assignor.)
- Associated Electric Laboratories, Inc. (See Peterson, S. E., and Griffins, assignors.)
- Associated Electric Laboratories, Inc. (See Sangebusch, Hans, assignor.)
- Associated Electric Laboratories, Inc. (See Voss, John H., assignor.)
- Associated Electric Laboratories, Inc. (See Willis, Bernard D., assignor.)
- Associated Electric Laboratories, Inc. (See Woodruff, Albert E., assignor.)
- Associated Patentes, Inc. (See Borton, Alwyn E., assignor.)
- Associated Patentes, Inc. (See Koch, Frederick, assignor.)
- Associated Spring Corporation. (See Cook, Raymond W., assignor.)
- Associated Telephone & Telegraph Company. (See Beale, Charles E., assignor.)
- Associated Telephone & Telegraph Company. (See Pearce, Owen V., assignor.)
- Associated Telephone & Telegraph Company. (See Roseby, P. N., and Mackenzie, assignors.)
- Associated Telephone & Telegraph Company. (See Taylor, R., and Baker, assignors.)
- Association of American Soap & Glycerine Producers, Inc. (See Du Puits, R. N., and South, assignor.)
- Astatic Corporation, The. (See Chorpensing, Creed M., assignor.)
- Astatic Corporation, The. (See Sample, Robert E., assignor.)
- Asst. Hill Mfg. Co. (See Hill, Harold N., assignor.)
- Asst. Hill Mfg. Co. (See Schaepp, John G., assignor.)
- Astle, William, Chicago, Ill. Plate heat exchanger. 2,314,066; Mar. 30.
- Astley, William F., assignor to Union Asbestos & Rubber Company, Cicero, Ill. Asbestos insulating unit or yarn. 2,311,556; Feb. 16.
- Astrandson, Per A., assignor to Svenska Aktiebolaget Gasaccumulator, Stockholm, Sweden. Method and apparatus for production of smoke or fog. 2,311,199; Feb. 16.
- Astrandson, Per A., assignor to Svenska Aktiebolaget Gasaccumulator, Stockholm, Sweden. Device for transmission of heat. 2,338,018; Dec. 28.
- Astrom, Carl P., East Orange, N. J., assignor to M. H. Treadwell Company, Inc., New York, N. Y. Railway dump car. 2,337,147; Dec. 21.
- Astrom, Carl P., East Orange, N. J., and J. H. Olson, Larchmont, assignors to M. H. Treadwell Company, Inc., New York, N. Y. Truck side frame for railroad cars. 2,337,146; Dec. 21.
- Astrup Company, The. (See Hefser, Henry C., assignor.)
- Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,312,861; Mar. 2.
- Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Refrigerating apparatus. 2,314,190; Mar. 16.
- Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Refrigerator cabinet. 2,318,984; May 11.
- Atchison, Leonard W., Schenectady, N. Y., assignor to General Electric Company. Pressure relief expansible reservoir for condition responsive indicating devices. 2,328,406; Aug. 31.
- Atherholt, George L., Sr., Ferndale, E. P. Saunders, Bant, and L. P. Grab, Lake Orion, assignors to Triangel Engineering Company, Ferndale, Mich. Cam developing mechanism. 2,321,789; June 15.
- Atherley, Harry C., San Francisco, Calif. Measuring device. 2,313,213; Mar. 9.
- Atherton, Herschel L. (See Ryan, C. D., and Atherton.)
- Athey, Skipwith W., and L. R. Stief, Baltimore, Md. Stereoscopic photography. 2,317,875; Apr. 27.
- Athey Truss Wheel Company. (See Kuehar, Joseph, assignor.)
- Athy, Lawrence F., Ponca City, Okla., and E. V. McCollum, Houston, Tex., assignors to Continental Oil Company, Ponca City, Okla. Making geophysical explorations. 2,309,817; Feb. 2.
- Athy, Lawrence F., and E. V. McCollum, assignors to Continental Oil Company, Ponca City, Okla. Seismic surveying. 2,321,450; June 8.
- Athy, Lawrence F., Ponca City, Okla., and E. V. McCollum, Houston, Tex., assignors to Continental Oil Company, Ponca City, Okla. Making geophysical explorations. 2,336,053; Dec. 7.
- Atkeson, Florian V., Pasadena, Calif. Fractionating vapors. 2,330,326; Sept. 28.
- Atkin, Kenneth C. (See Vavrik, L., and Atkin.)
- Atkin, Lawrence. (See Schultz, A. S., Atkin, and Frey.)

- Atkin, Lawrence, and A. S. Schultz, Bronx, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Thiamin containing compositions and their production. 2,322,270; June 22.
- Atkins, George E., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,320,254; May 25.
- Atkins, George E., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,332,043; Oct. 19.
- Atkins, John D., San Diego, Calif. String and ribbon cutter. 2,312,143; Feb. 23.
- Atkins, Walter W., Erlanger, Ky., assignor to The Gummed Products Company, Troy, Ohio. Tape dispenser. 2,324,349; July 13.
- Atkinson, Clarence L., San Bruno, and G. R. Maher, Burlingame, Calif., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated wooden forms for concrete. 2,316,752; Apr. 20.
- Atkinson, Earl B., Bay Village, Ohio. Adjustable bar hanger and receptacle fastening means. 2,316,389; Apr. 13.
- Atkinson, Flavius W. (See Slayter, G., Atkinson, Fletcher, and Smith.)
- Atkinson, Frank, Oxford, Ind. Fender de-leer. 2,325,901; Aug. 3.
- Atkinson, John F., Washington, D. C., assignor to Copperweld Steel Company, Glassport, Pa. Method and apparatus for determining resistance of ground connections. 2,337,962; Dec. 28.
- Atkinson, John F., and D. E. Basler, Washington, D. C. Outage indicator. 2,337,441; Dec. 21.
- Atkinson, Robert G., Sunray, assignor to The Shamrock Oil and Gas Corporation, Amarillo, Tex. Dehydrogenation of aliphatic hydrocarbons. 2,330,804; Oct. 5.
- Atkinson, Robert G., Sunray, assignor to The Shamrock Oil and Gas Corporation, Amarillo, Tex. Dehydrogenating hydrocarbons. 2,336,054; Dec. 7.
- Atkinson, Roy T., Los Angeles, Calif. Combined sun visor and aerial for vehicles. 2,334,856; Nov. 23.
- Atkinson, Spencer R., assignor to California Institute Research Foundation, Pasadena, Calif. Orthodontic appliance. 2,334,894; Nov. 23.
- Atkinson, Stanley H., and C. P. Graham, Compton, Calif., assignors, by mesne assignments, to Merco-Nordstrom Valve Company, Pittsburgh, Pa. Valve. 2,307,443; Jan. 5.
- Atkinson, Truman L., Ludington, Mich. Window ventilator. 2,313,796; Mar. 16.
- Atkinson, Wallace E., Petersburg, Va. Power filter. 2,323,188; June 29.
- Atkinson, William B. (See Brown, A. L., and Atkinson.)
- Atlanta Stove Works. (See Jones, B., Jr., and White, Robert H. and L.)
- Atlantic Carton Corporation. (See Atterbury, Henry C., assignor.)
- Atlantic Gummed Paper Corp. (See Gohlb, Edward R., assignor.)
- Atlantic Products Corporation. (See Cart, Francis G., assignor.)
- Atlantic Products Corporation. (See Zeitenberg, Jack, assignor.)
- Atlantic Rayon Corporation. (See Atwell, Everett C., assignor.)
- Atlantic Rayon Corporation. (See Little, R., and Kent, assignors.)
- Atlantic Refining Company, The. (See Chalfant, W. E., and McConomy, assignors.)
- Atlantic Refining Company, The. (See Ferris, Seymour W., assignor.)
- Atlantic Refining Company, The. (See Gzinski, Felix C., assignor.)
- Atlantic Refining Company, The. (See Leum, Leonard N., assignor.)
- Atlantic Refining Company, The. (See Leum, L. N., and Birkhimer, assignors.)
- Atlantic Refining Company, The. (See McCullough, J. H., Birkhimer, and Leum, assignors.)
- Atlantic Refining Company, The. (See Mosher, Merritt L., assignor.)
- Atlantic Refining Company, The. (See Reuter, Raymond, assignor.)
- Atlantic Register Company. (See Potter, Charles W.)
- Atlantic Research Associates, Inc. (See Atwood, Francis C., assignor.)
- Atlantic Research Associates, Inc. (See Atwood, F. C., and Paterek, assignors.)
- Atlantic Research Associates, Inc. (See Winter, William B., assignor.)
- Atlantic Coast Fisheries Company, The. (See Hunt, William H., assignor.)
- Atlantic Coast Fisheries Company, The. (See Taylor, Harden E., assignor.)
- Atlantic States Motor Lines, Inc. (See Koonce, Richard S., assignor.)
- Atlas Bolt & Screw Company, The. (See Schellentrager, Eugene W., assignor.)
- Atlas Floor Surfacing Machinery Corporation. (See Okun, Nathaniel N., assignor.)
- Atlas Powder Company. (See Arlotti, G., and Bucy, assignors.)
- Atlas Powder Company. (See Brown, Kenneth R., assignor.)
- Atlas Powder Company. (See Carey, Claude H., assignor.)
- Atlas Powder Company. (See Goepf, Rudolph M., Jr., assignor.)
- Atlas Powder Company. (See Large, S. B., and Rolland, assignors.)
- Atlas Powder Company. (See Moat, H. L., and Troxler, assignors.)
- Atlas Powder Company. (See Pratt, Carl D., assignor.)
- Atlas Powder Company. (See Shapiro, Carl L., assignor.)
- Atlas Powder Company. (See Smith, R. G., and Physioc, Jr., assignors.)
- Atlas Powder Company. (See Wilson, William F., assignor.)
- Atlas Steel Barrell Corporation. (See Bruning, W., and Simonson, assignors.)
- Atlas Underwear Company, The. (See Harwood, Asa J., assignor.)
- Atlas Underwear Company, The. (See Ullman, Martin, assignor.)
- Atlee, Zed J., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. X-ray tube. 2,311,724; Feb. 23.
- Atlee, Zed J., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. X-ray tube. 2,311,725; Feb. 23.
- Atlee, Zed J., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. X-ray tube. 2,327,586; Aug. 24.
- Atlee, Zed J., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. Conditioning anodes. 2,329,317; Sept. 14.
- Atlee, Zed J., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. Electron flow device. 2,329,319; Sept. 14.
- Atlee, Zed J., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. X-ray tube. 2,329,320; Sept. 14.
- Atlee, Zed J., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. X-ray tube. 2,332,426; Oct. 19.
- Atlee, Zed J., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. Coating apparatus. 2,333,224; Nov. 30.
- Atlee, Zed J., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. Bearing structure. 2,335,225; Nov. 30.
- Atlee, Zed J., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. X-ray generator. 2,335,253; Nov. 30.
- Atlee, Zed J., Elmhurst, assignor to General Electric X-Ray Corporation, Chicago, Ill. X-ray tube. 2,336,769; Dec. 14.
- Atlee, Zed J., Elmhurst, and R. F. Wilson, assignors to General Electric X-Ray Corporation, Chicago, Ill. Window for X-ray tubes. 2,309,566; Jan. 26.
- Atlee, Zed J., Elmhurst, and H. Brackney, Evanston, assignors to General Electric X-Ray Corporation, Chicago, Ill. X-ray apparatus and construction. 2,310,567; Feb. 9.
- Atlee, Zed J., Elmhurst, and H. Brackney, assignors to General Electric X-Ray Corporation, Chicago, Ill. Joining materials. 2,310,568; Feb. 9.
- Atlee, Zed J., Elmhurst, and F. R. Abbott, Maywood, assignors to General Electric X-Ray Corporation, Chicago, Ill. Control of electron flow. 2,316,214; Apr. 13.
- Atlee, Zed J., Elmhurst, and H. W. Brackney, assignors to General Electric X-Ray Corporation, Chicago, Ill. X-ray generator. 2,329,318; Sept. 14.
- Atlee, Zed J., Elmhurst, and H. Brackney, assignors to General X-Ray Corporation, Chicago, Ill. X-ray apparatus. 2,332,427; Oct. 19.
- Atlee, Zed J., Elmhurst, Ill., and R. F. Wilson, Washington, D. C., assignors to General Electric X-Ray Corporation, Chicago, Ill. Electron flow device. 2,332,428; Oct. 19.
- Attari, Hatim. (See Gunst, William R., assignor.)
- Attaway, Vester N., Jackson, Tenn. Gauge. 2,309,818; Feb. 2.
- Atterbury, Grosvenor, New York, N. Y. Apparatus for casting and handling blocks. 2,334,804; Nov. 23.
- Atterbury, Henry C., assignor to Atlantic Carton Corporation, Norwich, Conn. Dispensing receptacle. 2,330,464; Sept. 28.
- Attula, Ernest F. (See Swarens, R. B., Attula, and Molony.)
- Attwood, Charles W., Wayne, Mich. Bar-stock rack. 2,327,587; Aug. 24.
- Attwood, Charles W., Wayne, Mich. Adjustable shelving. 2,329,815; Sept. 21.
- Atwater, Kenneth C., Brooklyn, assignor to Underwood Elliott Fisher Company, New York, N. Y. Multiplying machine. 2,308,259; Jan. 12.
- Atwater, Leon W., Williamston, Mich. Pile raising structure. 2,328,120; Aug. 31.
- Atwell, Everett C., Cranston, assignor to Atlantic Rayon Corporation, Providence, R. I. Dye-resistant coating composition. 2,313,726; Mar. 16.
- Atwell, Everett C., Cranston, assignor to Atlantic Rayon Corporation, Providence, R. I. Compositions and preparing and applying same. 2,313,727; Mar. 16.

- Atwell, Harold V., Beacon, assignor to Process Management Company, Inc., New York, N. Y. Conversion of hydrocarbons. 2,311,357; Feb. 16.
- Atwood, Charles T. (See Maxwell, B. L., and Atwood.)
- Atwood, Edwin H., Woodbury, N. J., assignor to Socony Vacuum Oil Company, Incorporated, New York, N. Y. Method for the distillation of crude oils containing acidic substances. 2,321,540; June 8.
- Atwood, Edwin H., Woodbury, N. J., assignor to Socony Vacuum Oil Company, Incorporated, New York, N. Y. Educator tank mixer. 2,322,087; June 15.
- Atwood, Francis C., assignor to Atlantic Research Associates, Inc., Newtonville, Mass. Stabilized protein curd. 2,312,467; Mar. 2.
- Atwood, Francis C., Newtonville, and W. Paterek, Brighton, assignors to Atlantic Research Associates, Inc., Newtonville, Mass. Manufacturing protein products. 2,320,165; May 25.
- Atwood, George D., assignor to Decorated Metal Manufacturing Company, Inc., Brooklyn, N. Y. Spool. 2,331,994; Oct. 19.
- Atwood, Harry G., Peoria, Ill. Fermented cereal beverages. 2,329,509; Sept. 14.
- Atwood, James T. and L. C., assignors to The Atwood Vacuum Machine Company, Rockford, Ill. Motor vehicle seat slide. 2,335,254; Nov. 30.
- Atwood, John B. (See Peterson, H. O., and Atwood.)
- Atwood, Lyle C. (See Atwood, James T. and L. C., assignor.)
- Atwood & Morrill Co. (See Rose, Alexander V., assignor.)
- Atwood, Robert V., Springfield, and S. K. Smart, Longmeadow, assignors to Wico Electric Company, West Springfield, Mass. Distributor. 2,318,659; May 11.
- Atwood Vacuum Machine Company, The. (See Atwood, James T. and L. C., assignors.)
- Atwood Vacuum Machine Company. (See Harmon, J. F., and Johnson, C., assignors.)
- Atwood Vacuum Machine Company, The. (See Lustig, Walter R., assignor.)
- Atwood Vacuum Machine Company, The. (See Miller, Kay, assignor.)
- Atwood Vacuum Machine Company, The. (See Nelson, R. S., and intercom, assignors.)
- Atwood Vacuum Machine Company, The. (See Van Voorhees, Harold E., assignor.)
- Atwood, Winfield A., Yendon, Pa., assignor to General Electric Company. Electric switch. 2,328,042; Sept. 7.
- Atwood, Winfield A., Yendon, Pa., assignor to General Electric Company. Electric circuit breaker. 2,333,459; Nov. 2.
- Aubert, Fred B., Grosse Pointe, Mich. Control device. 2,310,560; Feb. 9.
- Aubert, Fred B., Grosse Pointe, Mich. Black-out control system. 2,335,900; Dec. 7.
- Auburn, Hubert, Mount Healthy, assignor to The Tenacity Manufacturing Co., Lockland, Ohio. Loose-leaf binder. 2,332,547; Oct. 26.
- Auburn Rubber Corporation. (See Ullman, Martin, assignor.)
- Auchter, Ruland, Königslach in Baden, Germany; vested in the Allen Property Custodian. Catalyst. 2,330,539; Sept. 28.
- Audubert, Ludovic, Le Kremlin-Bicêtre, France; vested in the Allen Property Custodian. Volumetric compressor. 2,330,540; Sept. 28.
- Audubon Wire Cloth Corporation. (See Scherfel, Otto C., assignor.)
- Auer, George. (See Elckemeyer, Henry, assignor.)
- Auer, László, East Orange, N. J. Manufacture of modified resin. 2,309,088; Jan. 26.
- Auer, László, East Orange, N. J. Manufacture of modified resin. 2,311,200; Feb. 16.
- Auer, László, South Orange, N. J. Treating resin. 2,311,508; Feb. 16.
- Auer, László, South Orange, N. J. Rosin treatment. 2,311,509; Feb. 16.
- Auer, László, South Orange, N. J. Rosin treatment method. 2,311,510; Feb. 16.
- Auer, László, South Orange, N. J. Treatment of rosin. 2,311,511; Feb. 16.
- Auer, László, Bloomfield, assignor to Ridbo Laboratories, Inc., Paterson, N. J. Manufacture of coating compositions. 2,322,106; June 15.
- Auer, László, East Orange, assignor to Ridbo Laboratories, Inc., Paterson, N. J. Manufacture of varnish bases. 2,324,900; July 20.
- Auerbach, Morris E., Albany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Riboflavin preparation and making same. 2,332,548; Oct. 26.
- Auerbach, Zemach, New York, N. Y. Safety razor and magazine. 2,327,388; Aug. 24.
- Auerbach, Zemach, New York, N. Y. Safety razor and blade. 2,329,692; Sept. 21.
- Auerbach, Zemach, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and safety razor blade. 2,335,472; Nov. 30.
- Auerbach, Zemach, New York, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Spring blade and razor for same. 2,335,990; Dec. 7.
- Auerhahn, Albert. (See Stadler, R., and Auerhahn.)
- Auflero, John R., Brooklyn, N. Y. Signal mechanism. 2,317,713; Apr. 27.
- Augensen, Alf Trygve, Oak Park, Ill., assignor to American Can Company, New York, N. Y. Dispensing container. 2,336,457; Dec. 14.
- Aughy, Clarence L. (See Johnson, R. W., and Aughey.)
- Auld, Donald W., San Antonio, Tex., and O. B. Anderson, Marquette, Mich., assignors of one-half to Phillips Petroleum Company, and one-half to E. J. Longyear Company. Tubing make-up device. 2,332,685; Oct. 26.
- Ault, Waldo C., Springfield, Pa., assignor to The United Gas Improvement Company. Production of aryl-substituted phenols. 2,314,622; Mar. 23.
- Aurex Corporation. (See Cubert, Joseph R., assignor.)
- Aurex Corporation. (See Nicholides, Emmanuel C., assignor.)
- Aurien, Ray G., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,334,168; Nov. 16.
- Aurion, Ray G., assignor to American Steel Foundries, Chicago, Ill. Disk brake. 2,334,169; Nov. 16.
- Austader, Henry, Brooklyn, N. Y. Tray. 2,324,811; July 20.
- Aust, Hugo E. (See Sundquist, J. A., and Aust.)
- Austad, Grover R., Salt Lake City, Utah. Detachable fishing fly or lure. 2,315,575; Apr. 6.
- Austenal Laboratories, Inc. (See Feagin, R. C., and Prange, assignors.)
- Austervell, Géza V. (See Fiedler, S. O. A., and Austervell.)
- Austlin, A. L., trustee. (See Linquist, William, assignor.)
- Austin, Albert B., Minneapolis, Minn. Traction device for automobiles. 2,318,918; May 11.
- Austin, Albert D., Oakland, Calif. Carburetor valve. 2,333,627; Nov. 9.
- Austin, Bascom O., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,307,481; Jan. 6.
- Austin, Bascom O., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,310,650; Feb. 2.
- Austin, Bascom O., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,318,043; May 4.
- Austin, Chester R. (See Sullivan, J. D., and Austin.)
- Austin, Chester R., and J. D. Sullivan, assignors to Battelle Memorial Institute, Columbus, Ohio. Preparation of selenium ruby glass. 2,309,070; Jan. 19.
- Austin, Ellsworth W., assignor to La Plant-Choute Mfg. Co., Inc., Cedar Rapids, Iowa. Earth mover. 2,310,480; May 18.
- Austin, Ellsworth W., assignor to La Plant-Choute Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Excavator. 2,329,448; Sept. 14.
- Austin, Ellsworth W., assignor to La Plant-Choute Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Implement support for vehicles. 2,334,374; Nov. 16.
- Austin, Ellsworth W., and H. W. Rockwell, assignors to La Plant-Choute Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Earth mover. 2,332,686; Oct. 26.
- Austin, Harold R., South Norwalk, Conn., assignor to The M. W. Kellogg Company, New York, N. Y. Flanging tubular bodies. 2,310,158; Feb. 2.
- Austin, Harry M., East Petersburg, assignor to Armstrong Cork Company, Lancaster, Pa. Oil seal. 2,329,028; Sept. 7.
- Austin, Harry M., East Petersburg, assignor to Armstrong Cork Company, Lancaster, Pa. Thrust bearing. 2,337,795; Dec. 28.
- Austin Motor Company, Limited, The. (See Charles, Hubert N., assignor.)
- Austin Motor Company, Limited, The. (See Haefell, Julius C., assignor.)
- Austin, Paul R. (See Alderson, W. L., Jr., and Austin.)
- Austin, Paul R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric product and process. 2,307,817; Jan. 12.
- Austin, Paul R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of amino acids from their hydrohalides. 2,312,215; Apr. 13.
- Austin, Paul R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of staple fibers. 2,327,087; Aug. 17.
- Austin, Paul R., and W. E. Lundquist, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Tanning. 2,313,728; Mar. 16.
- Austin, Paul R., and C. E. Frank, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Process and product. 2,323,111; June 29.
- Austin, Paul R., Wilmington, Del., and Q. L. Quinlivan, East Orange, N. J., assignors to The Celastic Corporation, Wilmington, Del. Stiffening members for shoes and the like. 2,332,501; Oct. 26.
- Austin, Guillermo, Los Angeles, Calif. Bottle cap. 2,329,679; Sept. 14.
- Autem, Fred, Mount Pen, assignor to Textile Machine Works, Wyomissing, Pa. Applying label-like elements to articles of manufacture. Re. 2,362; Aug. 10.
- Auth, Charles, Malba, N. Y., deceased, E. L. Auth, executrix. Directory and push-button call-board device. 2,325,095; July 27.
- Auth, Emma L., executrix. (See Auth, Charles.)
- Autocall Company, The. (See Harrington, James R., assignor.)

- Autocall Company, The. (See Richmond, Louis E., assignor.)
- Autogas Company. (See Furlong, Francis A., assignor.)
- Autogiro Company of America. (See Bennett, James A. J., assignor.)
- Autogiro Company of America. (See Campbell, Harris S., assignor.)
- Autogiro Company of America. (See Larsen, Agnew E., assignor.)
- Autogiro Company of America. (See Pitcairn, Harold F., assignor.)
- Autogiro Company of America. (See Pullin, Cyril G., assignor.)
- Autographic Register Company. (See Antrim, Louis C., assignor.)
- Autographic Register Company. (See Borchers, William G., assignor.)
- Autographic Register Company. (See Johnson, Arthur A., assignor.)
- Automatic Air Gauge, Inc. (See Schubert, Edward F., assignor.)
- Automatic Appliance Corporation. (See Van Horn, O. F., Kinney and McGlohn, assignors.)
- Automatic Appliance Corporation. (See Van Horn, O. F., and Whittaker, assignors.)
- Automatic Appliance Corporation. (See Whittaker, John K., assignor.)
- Automatic Button Company. (See Umlandt, William H., assignor.)
- Automatic Canteen Company. (See Richmond, W. E., and Ames, assignors.)
- Automatic Coinwrapping Machine Corporation. (See Seemel, Bruno E., assignor.)
- Automatic Control Corporation. (See Bower, George D., assignor.)
- Automatic Control Corporation. (See Persons, Lawrence M., assignor.)
- Automatic Control Corporation. (See Yelda, John O., assignor.)
- Automatic Currying & Dipping Machine Company. (See McQuistan, Ronald, assignor.)
- Automatic Devices Corporation. (See Bahr, Gustave F., assignor.)
- Automatic Devices Corporation. (See Cohen, Joseph H., assignor.)
- Automatic Devices Corporation. (See Johnson, Arthur A., assignor.)
- Automatic Devices Corporation. (See Kline, James T., assignor.)
- Automatic Devices Corporation. (See Lehmann, Herbert G., assignor.)
- Automatic Electrical Devices, Inc. (See Moorefield, William P., assignor.)
- Automatic Electric Laboratories, Inc. (See Bakker, Pier, assignor.)
- Automatic Electric Laboratories, Inc. (See Balzer, Harvey W., assignor.)
- Automatic Electric Laboratories, Inc. (See Belliveau, Alfred H., assignor.)
- Automatic Electric Laboratories, Inc. (See Burns, G. A., and Irigin, assignors.)
- Automatic Electric Laboratories, Inc. (See Boswau, Hans P., assignor.)
- Automatic Electric Laboratories, Inc. (See Crocker, T. F., and Smith, assignors.)
- Automatic Electric Laboratories, Inc. (See Denton, L., and Evers, assignors.)
- Automatic Electric Laboratories, Inc. (See Herrick, Roswell H., assignor.)
- Automatic Electric Laboratories, Inc. (See Hershey, Harry E., assignor.)
- Automatic Electric Laboratories, Inc. (See Johnson, Vincent A., assignor.)
- Automatic Electric Laboratories, Inc. (See Lomax, Clarence E., assignor.)
- Automatic Electric Laboratories, Inc. (See Lomax, C. E., and Bakker, assignors.)
- Automatic Electric Laboratories, Inc. (See Molnar, Imre, assignor.)
- Automatic Electric Laboratories, Inc. (See Mote, Thomas H., assignor.)
- Automatic Electric Laboratories, Inc. (See Peterson, Edward S., assignor.)
- Automatic Electric Laboratories, Inc. (See Peterson, Seth E., assignor.)
- Automatic Electric Laboratories, Inc. (See Pye, Harold C., assignor.)
- Automatic Electric Laboratories, Inc. (See Sargisson, R. L., and Eriksson, assignors.)
- Automatic Electric Laboratories, Inc. (See Taylor, R., and Baker, assignors.)
- Automatic Electric Laboratories, Inc. (See Voss, John H., assignor.)
- Automatic Electric Laboratories, Inc. (See Willis, Bernard D., assignor.)
- Automatic Linker, Inc. (See Demarest, D. D., Berendt, and Karins, assignors.)
- Automatic Products Company. (See Helser, Ferdinand F., assignor.)
- Automatic Products Company. (See Johnson, R. W., and Aughey, assignors.)
- Automatic Products Company. (See Johnson, R. W., and Zarwell, assignors.)
- Automatic Safety Wringer Company. (See Williams, Charles W., assignor.)
- Automatic Signal Corporation. (See Barker, John L., assignor.)
- Automatic Shifters, Inc. (See Baade, Henry, assignor.)
- Automatic Shifters, Inc. (See Hey, Henry W., assignor.)
- Automatic Turbine Drive Company. (See Maurer, Le Roy F., assignor.)
- Automatic Economy Corporation. (See Johnson, Alvin V., assignor.)
- Automatic Maintenance Machinery Co. (See Wacker, Frederick G., assignor.)
- Automatic Maintenance Machinery Co. (See Zimmerman, Herman W., assignor.)
- Automatic Products Company, Limited. (See Carlton, Quintin H., assignor.)
- Automatic Products Company. (See Chouings, Leslie C., assignor.)
- Automatic Products Company Limited. (See Clench, Edward C. S., assignor.)
- Automatic Products Company Limited. (See Eves, Frederick S., assignor.)
- Automatic Products Company Limited, et al. (See Eves, F. S., and Bamford, assignors.)
- Automatic Products Company, Limited. (See Parker, Sydney M., assignor.)
- Automatic Products Company Limited. (See Parnell, Frank G., assignor.)
- Automatic Products Company Limited. (See Thornhill, Peter W., assignor.)
- Automatic Products Company Limited. (See Trapp, G. J., and Pootrit, assignors.)
- Automatic Sprinkler Company. (See Wilson, John H., assignor.)
- Auto-Ordinance Corporation. (See Hammond, Grant, assignor.)
- Auto Research Corporation. (See Kocher, Edward H., assignor.)
- Auto-Soler Company. (See Ajouelo, D. J., and Moore, assignors.)
- Auto Wheel Coaster Company. (See Klatt, R. A., and Schlegel, assignors.)
- Autoxygen, Inc. (See Kokatnur, V. R., and Jacobs, assignor.)
- Autoxygen, Inc. (See Kokatnur, V. R., and Jacobs, Jr., assignors.)
- Autoyre Company, The. (See Sanford, Roy S., assignor.)
- Auwärter, Max, A. Jedeke, and K. Rutherford, Hanau-on-the-Main, Germany; vested in the Alien Property Custodian. Guide for molten silicates. 2,323,000; June 29.
- Auzin, John M., Warwick, R. I., assignor to Davol Rubber Company. Manufacture of pezzar catheters. 2,309,294; Jan. 26.
- Auzin, John M., Warwick, R. I., assignor to Davol Rubber Company. Sealing of seamed rubber articles. 2,315,576; Apr. 6.
- Auzin, John M., Warwick, R. I., assignor to Davol Rubber Company. Apparatus for manufacturing dipped rubber articles. 2,328,769; Sept. 7.
- Auzin, John M., and M. M. Zinck, Warwick, R. I., assignors to Davol Rubber Company. Catheter. 2,308,484; Jan. 19.
- Avedikian, Souren Z., Baltimore, Md. Producing a stable, complex compound for use as a flour bleaching agent and as a convenient source of nitrogen oxides. 2,320,058; May 25.
- Avedikian, Souren Z., Baltimore, Md. Method and apparatus for feeding hygroscopic and reactive materials. 2,326,276; Aug. 10.
- Averitt, Clyde. (See Leggett, Robert R., Sr., assignor.)
- Avers, Harry M., and W. Briggs, Coventry, assignors to Courtaulds Limited, London, England. Treatment of textile threads. 2,335,726; Nov. 30.
- Avery, Dallas B., Capac, Mich. Trailer steering mechanism. 2,333,912; Nov. 9.
- Avery Equipment Limited. (See Fisher, Reginald J., assignor.)
- Avery, George S., Jr., New London, Conn., assignor to The Dow Chemical Company, Midland, Mich. Plant treatment composition. 2,318,733; May 11.
- Avery, Harold T. (See Boyden, R. E., and Avery.)
- Avery, Harold T. (See Jessup, E. B., and Avery.)
- Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,320,025; May 25.
- Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,335,226; Nov. 30.
- Avery, John, Prahran, Victoria, Australia. Apparatus for conditioning fiber bearing materials. 2,309,376; Jan. 26.
- Avery, Ray S., Los Angeles, Calif. Making embossed seals. 2,307,909; Jan. 12.
- Avery, Ray S., Los Angeles, Calif. Label dispenser. 2,317,576; Apr. 27.
- Avery, True M., Glens Falls, assignor to Union Bag & Paper Corporation, Hudson Falls, N. Y. Bottle carrier. 2,307,659; Jan. 5.
- Avery, True M., Glens Falls, assignor to Union Bag & Paper Corporation, Hudson Falls, N. Y. Bag. 2,312,280; Feb. 23.

- Avery, True M., Glens Falls, assignor to Union Bag & Paper Corporation, Hudson Falls, N. Y. Manufacture of heat sealed bags. 2,320,326; May 25.
- Aviation Corporation, The. (See Lampton, Glen T., assignor.)
- Aviation Corporation, The. (See Maule, Belford D. and J. D., assignors.)
- Aviation Corporation, The. (See Maule, June D., assignor.)
- Aviation Corporation, The. (See Wiegman, Clarence H., assignor.)
- Aviation Developments Limited. (See Bettington, Egerston M., assignor.)
- Aviation Developments Limited. (See Mumford, Roy H., assignor.)
- Avigdor, Rifat, Geneva, Switzerland. Submersible Electric motor. 2,325,930; Aug. 3.
- Avigdor, Rifat, Leaside, Ontario, Canada. Fuel feeding device for aircraft. 2,325,931; Aug. 3.
- Avila, Frank W., Fort Wayne, Ind., assignor to International Harvester Company. Power transmission mechanism. 2,320,116; May 25.
- Avrett, Walter L., Jr., Davisboro, Ga. Tractor plow. 2,307,980; Jan. 12.
- Awot, Adolph W. (See Frederick, R. R., and Awot.)
- Ax, Georg R., and K. H. Grunewald, Flinspong, O. A. Wiberg, Borggard, and E. Oman, Stocksund, Sweden, said Ax, said Grunewald and said Wiberg assignors to said Oman. Method of and apparatus for separating crystals from solutions. 2,315,762; Apr. 6.
- Axe, Roy T., Syracuse, assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window frame and sash construction. 2,329,238; Sept. 14.
- Axelrad, Bernard A., Freeport, Tex., and S. T. Powell, Baltimore, Md., assignors to Freeport Sulphur Company, New York, N. Y. Process and apparatus for treating liquids with sulphur combustion gases. 2,310,187; Feb. 2.
- Axelson Manufacturing Company. (See Emery, F. C., and Green assignors.)
- Axelson Manufacturing Co. (See Hammett, David M., assignor.)
- Axelson Manufacturing Co. (See Hegg, Carl E., assignor.)
- Axler, Meyer H., Bronx, N. Y., and E. Hallitsky, Santa Monica, Calif. Camera. 2,325,463; July 27.
- Ayer, Raymond B., Verona, N. J., assignor to Radio Corporation of America. Cathode. 2,314,065; Mar. 16.
- Ayers, Alan N., Devon, Conn., assignor to General Electric Company. Control device. 2,327,159; Aug. 17.
- Ayers, Allan P., Jr., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Corrosion inhibitor. 2,335,901; Dec. 7.
- Ayers, Austin L., and W. Hensel, Cleveland, Ohio. Apparatus for coating molds and the like. 2,321,172; June 8.
- Ayers, Austin L., Cleveland, and B. E. Pheneger, Lakewood, Ohio, assignors to The American Steel and Wire Company of New Jersey. Apparatus for sizing and classifying crushed slag material and the like. 2,317,430; Apr. 27.
- Ayers, Edgar H., Schenectady, N. Y., assignor to General Electric Company. Control device. 2,314,191; Mar. 16.
- Ayers, Edgar H., Schenectady, N. Y., assignor to General Electric Company. Control device. 2,315,918; Apr. 6.
- Ayers, Edgar H., Schenectady, N. Y., assignor to General Electric Company. Electric control means. 2,320,117; May 25.
- Ayers, Fred L., Watertown, Mass. Making shoes. 2,311,630; Feb. 23.
- Ayers, Fred L., Watertown, Mass. Shoe innersole. 2,336,155; Dec. 7.
- Ayers, Fred L., Watertown, Mass., assignor of one-half to N. Elkin, Philadelphia, Pa. Insole taping machine. 2,315,493; Apr. 6.
- Ayers, Fred L., Watertown, Mass., assignor of one-half to N. Elkin, Philadelphia, Pa. Making shoe innersoles. 2,315,494; Apr. 6.
- Ayers, Fred L., Watertown, assignor of two-tenths to A. Elkin and P. Sterling, executors of N. Elkin, deceased, one-one hundredth to J. R. Ryers, Boston, Mass., and twenty-nine-one hundredths to C. G. Keferstein, New York, N. Y. Shoe and making the same. 2,336,770; Dec. 14.
- Ayers, George W., Jr. (See Bond, D. C., Ayers, Jr., and Henderson.)
- Ayers, George W., Jr. (See Henderson, L. M., and Ayers.)
- Ayers, George W., Jr. (See Henderson, L. M., and Ayers.)
- Ayers, George W., Jr. (See Henderson, L. M., Ayers, and Bond.)
- Ayers, George W., Jr., Chicago, D. C. Bond, Northbrook, and L. M. Henderson, Winnetka, assignors to The Pure Oil Company, Chicago, Ill. Removing weakly acidic organic substances from hydrocarbon liquids. 2,315,384; Mar. 30.
- Ayers, George W., Jr., Chicago, and L. M. Henderson, Winnetka, assignors to The Pure Oil Company, Chicago, Ill. Method for removing weakly acidic substances from substantially neutral organic water-immiscible liquid. 2,316,753; Apr. 20.
- Ayers, H. K., et al. (See Erickson, David, assignor.)
- Ayers, H. K., et al. (See Thomas, E. R., and (Erickson assignor.)
- Ayers, John A., et al., executors. (See Brooks, Lew W.)
- Ayers, J. Robert, et al. (See Ayers, Fred L., assignor.)
- Ayers, Samuel H., and D. L. Loetscher, assignors to Crown Can Company, Philadelphia, Pa. Treating juices and product. 2,325,360; July 27.
- Ayres, Arthur U., Chestnut Hill, assignor to The Sharples Corporation, Philadelphia, Pa. Centrifugally separating solids from liquids. 2,321,887; June 15.
- Ayres, Martha O., Los Angeles, Calif. Sleeping bag. 2,324,665; July 20.
- Ayr-Mor Laundry Machinery Co. (See Jorgenson, John P., assignor.)
- B. B. Chemical Company. (See MacDonald, Alexander)
- B. B. Chemical Co. (See Morris, Thomas C., assignor.)
- B. B. Chemical Co. (See Nugent, Frederick V., assignor.)
- B. B. Chemical Co. (See Wells, Adoniram J., assignor.)
- B. D. E. Corporation. (See Boatner, Charlotte H., assignor.)
- B. H. C. Company. (See Howe, Andrew F., assignor.)
- B-L Electric Company. (See Peters, Carl E., assignor.)
- B-L Electric Manufacturing Company. (See Peters, Carl E., assignor.)
- Baade, Henry, Detroit, Mich., assignors to Automatic Shifters, Inc., Richmond, Va. Power mechanism. 2,307,910; Jan. 12.
- Bange, Anthoine, Paris, France; vested in the Allen Property Custodian. Weighing machine with digit indication of weighing value. 2,315,181; Mar. 30.
- Baak, Albert E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Snap action switch. 2,318,734; May 11.
- Baer, Albert E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control of fuel feeding device. 2,326,002; Aug. 3.
- Baal, Melvin H., Ellsworth, Minn. Reel. 2,317,431; Apr. 27.
- Baal, Melvin H., Ellsworth, Minn. Wire winding and unwinding attachment for tractors. 2,324,350; July 13.
- Baash-Ross Tool Company. (See Brown, Ora A., assignor.)
- Baash-Ross Tool Company. (See Johnson, Glenn D., assignor.)
- Babcock, David L., assignor to Eastman Kodak Company, Rochester, N. Y. Motor control for projectors. 2,315,919; Apr. 6.
- Babcock, David L., and J. L. Boon, assignors to Eastman Kodak Company, Rochester, N. Y. Setting-up slide for stereo projectors. 2,307,981; Jan. 12.
- Babcock, David L., and T. G. Clement, assignors to Eastman Kodak Company, Rochester, N. Y. Slide carrier. 2,319,029; May 11.
- Babcock, Donald E., assignor to Pittsburgh Steel Company, Pittsburgh, Pa. Making tubular axles. 2,313,116; Mar. 9.
- Babcock, Earl, assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Pressure core taker. 2,330,327; Sept. 28.
- Babcock, Gordon M., Louisville, Ky., assignor to Reynolds Metals Company, New York, N. Y. Nonleaking aluminum paste and making same. 2,309,377; Jan. 26.
- Babcock, Lloyd L. (See Bishop, J. O., and Babcock.)
- Babcock, Lloyd L., Compton, and J. O. Bishop, Torrance, Calif. Barrel lifting means. 2,327,005; Aug. 17.
- Babcock, Stuart M., Chatham, and M. A. Logan, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,308,637; Jan. 19.
- Babcock, Stuart M., Chatham, A. W. Horton, Jr., South Orange, and M. A. Logan, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,332,494; Oct. 26.
- Babcock & Wilcox Company, The. (See Bailey, Ervin G., assignor.)
- Babcock & Wilcox Company, The. (See Bailey, E. G., and May assignors.)
- Babcock & Wilcox Company. (See Bailey, E. G., and Raynor, assignor.)
- Babcock & Wilcox Company, The. (See Daniels, George H., assignor.)
- Babcock & Wilcox Company, The. (See Deward, Edward A., assignor.)
- Babcock & Wilcox Company, The. (See Ebbetts, G. D., Rowand, and Shoessow, assignors.)
- Babcock & Wilcox Company, The. (See Godshalk, Russell L., assignor.)
- Babcock & Wilcox Company, The. (See Hardgrove, Ralph M., assignor.)
- Babcock & Wilcox Company, The. (See Harter, I., Norton, and Norton, Jr., assignors.)
- Babcock & Wilcox Company, The. (See Hodge, James C., assignor.)
- Babcock & Wilcox Company, The. (See Hutton, Frank E., assignor.)

- Babcock & Wilcox Company, The. (See Kerr, Howard J., assignor.)
- Babcock & Wilcox Company, The. (See Loughlin, Paul R., assignor.)
- Babcock & Wilcox Company. (See Mayo, D. H. H., and Raynor assignors.)
- Babcock & Wilcox Company, The. (See Raynor, Arthur E., assignor.)
- Babcock & Wilcox Company, The. (See Rooney, Edward J., assignor.)
- Babcock & Wilcox Company, The. (See Rowand, Will H., assignor.)
- Babcock & Wilcox Company, The. (See Rowand, W. H., and Hugel, assignors.)
- Babcock & Wilcox Company. (See Toomey, T. C., and Brundt, assignors.)
- Babitch, Abraham M., and G. W. Harry, Flint, assignors to General Motors Corporation, Detroit, Mich. Fuel pump. 2,308,041; Jan. 12.
- Baho, Albert G., South Pasadena, and H. C. Mettler, assignors to The Birtcher Corporation, Los Angeles, Calif. Therapy apparatus. 2,333,760; Nov. 9.
- Babros, Joseph H., Los Angeles, Calif. Corner construction for fire screens. 2,323,699; July 6.
- Babson Bros. Co. (See Babson, Henry B., assignor.)
- Babson Bros. Co. (See Babson, H. B., and Stampen, assignors.)
- Babson Bros. Co. (See Schilling, Lorell J., assignor.)
- Babson Bros. Co. (See Thomas, Chester A., assignor.)
- Babson, Henry B., Chicago, Ill., assignor to Babson Bros. Co. Coupling apparatus. 2,337,024; Dec. 21.
- Babson, Henry B., Chicago, and J. J. Stampen, Hollywood, assignors to Babson Bros. Co., Chicago, Ill. Support for milking machines. Re. 22,368; Aug. 24.
- Bach, Edward M. (See Martin, J. F., Schwarzmann, and Bach.)
- Bach, Emmon. (See de Florez, L., and Bach.)
- Bach, Henry M., Lawrence, assignor to Premier Crystal Laboratories, Inc., New York, N. Y. Piezoelectric device. 2,327,487; Aug. 24.
- Bach, Henry M., Lawrence, assignor to Premier Crystal Laboratories, Inc., New York, N. Y. Piezoelectric device. 2,329,321; Sept. 14.
- Bach, Henry M., Woodmere, assignor, by mesne assignments, to Patents Research Corporation, New York, N. Y. Discharge tube oscillator. 2,311,631; Feb. 23.
- Bach, Henry M., Woodmere, assignor, by mesne assignments, to Patents Research Corporation, New York, N. Y. Selective system. 2,343,911; Mar. 16.
- Bach, Hermann, Berlin, Germany, assignor to Inflico Incorporated. Treatment of sludge. 2,315,577; Apr. 6.
- Bach, Nells P., Geneva, assignor to American Can Company, New York, N. Y. Can cleaning device. 2,327,986; Aug. 31.
- Bachardy, Stephen J., Allentown, Pa. Removable cooling unit for bats. 2,335,630; Nov. 30.
- Bachkal, Bela, Jamaica, N. Y. Vehicle passing mirror. 2,320,904; June 1.
- Bachler, Harry A. (See Smoot, L. V., and Bachler.)
- Bachlotte, Maurice E., Old Hickory, Tenn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vorn guide. 2,328,541; Sept. 7.
- Bachman, Fred E., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,317,352; Apr. 27.
- Bachman, Gustave B., La Fayette, Ind., and H. A. Tanner, assignors to Eastman Kodak Company, Rochester, N. Y. Preparing methylene dialkyl malonates. 2,313,501; Mar. 9.
- Bachman, Paul W., Summit, N. J., and B. W. Hammaren, Floral Park, assignors to General Chemical Company, New York, N. Y. Xanthone manufacture. 2,307,982; Jan. 12.
- Bachman, Paul W., Summit, N. J., and B. W. Hammaren, Floral Park, assignors to General Chemical Company, New York, N. Y. Production of o-phenoxy-phenylbenzoate. 2,319,797; May 18.
- Bachman, Walter S., Los Angeles, Calif. Apparatus for dispensing hypochlorites. 2,330,328; Sept. 28.
- Bachman, William S., Fairfield, Conn., assignor to General Electric Company. Tone control means. 2,322,558; June 22.
- Bachmann Brothers, Inc. (See McNeill, A. G., and Olsen, assignors.)
- Bachmann, Richard H. (See Burdick, Ephraim, assignor.)
- Breck, Oskar, Brunn, Czechoslovakia; vested in the Allen Property Custodian. Chimney or ventilation cowl. 2,310,828; Feb. 9.
- Backer, Lyle A. (See Goodale, L., and Backer.)
- Backhouse, Headley T., London, England. Means for registering sheets. 2,328,943; Sept. 7.
- Backlund, John A., assignor to Lincoln Schluter Floor Machinery Company, Inc., Chicago, Ill. Floor treating machine. 2,317,843; Apr. 27.
- Backoff, William J., and N. D. Williams, Chicago, J. F. O'Loughlin, Winnetka, H. L. Moir, Niles Center, and J. S. Yule, assignors to The Pure Oil Company, Chicago, Ill. Motor fuel composition. 2,312,790; Mar. 2.
- Backoff, William J., and N. D. Williams, assignors to The Pure Oil Company, Chicago, Ill. Gum and carbon deposit solvents and using the same. 2,316,754; Apr. 20.
- Backstrom, Sigurd M., and P. P. Strandberg, Stockholm, Sweden, assignors, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,311,512; Feb. 16.
- Backus, Harry A., Fernbank, Ohio. Table. 2,308,737; Jan. 19.
- Backus, Thomas, assignor to Fuller Manufacturing Company, Kalamazoo, Mich. Transmission casing. 2,308,852; Jan. 19.
- Backus, Thomas, assignor to Fuller Manufacturing Company, Kalamazoo, Mich. Transmission reverse gearing. 2,311,201; Feb. 16.
- Backus, Thomas, assignor to Fuller Manufacturing Company, Kalamazoo, Mich. Driving mechanism. 2,319,784; May 19.
- Bacon, Chester R., Los Angeles, assignor of one-third to B. R. Bentley, Hollywood, Calif. Fluid transmission. 2,336,055; Dec. 7.
- Bacon, Emra D., Cleveland, Ohio. Mercury switch. 2,311,808; Feb. 23.
- Bacon, Henry M., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Lug strap. 2,315,763; Apr. 19.
- Bacon, Henry S., West Roxbury, Mass. Gun. 2,317,579; Apr. 27.
- Bacon, Jack C. (See McClellan, P. P., and Bacon.)
- Bacon, Kenneth D., and G. K. Greminger, Jr., assignors to The Dow Chemical Company, Midland, Mich. Aqueous thickening solutions. 2,321,270; June 8.
- Bacon, Osborne C., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of textile fiber. 2,327,160; Aug. 17.
- Bacon, Raymond F., Bronxville, N. Y., and I. Benowitz, New Gulf, assignors to Texas Gulf Sulphur Company, Houston, Tex. Coating method and material. 2,320,255; May 25.
- Bacon, Ross M. (See Greene, W. F., and Bacon.)
- Bacon, Thomas P., Sr. (See Lynch, Ernest E., assignor.)
- Bacon, Walter M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,320,997; June 8.
- Bade, Alfred G., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Variable speed transmission. 2,328,536; Sept. 7.
- Baden, Carl A., Glenbrook, assignor to Norma-Hoffman Bearings Corporation, Stamford, Conn. Making removers for antifriction bearings. 2,327,237; Aug. 17.
- Badenhausen, John P., Philadelphia, Pa. High-pressure steam generator. 2,320,503; June 1.
- Badenhausen, John P., Philadelphia, Pa. Marine boiler. 2,327,161; Aug. 17.
- Badenhausen, John P., Philadelphia, Pa. Waste heat recovery system. 2,335,727; Nov. 30.
- Badenhausen, John P., Philadelphia, Pa. Steam generator. 2,336,832; Dec. 14.
- Badenhausen, John P., Philadelphia, Pa. Steam generator. 2,336,833; Dec. 14.
- Bader, Glenn M., Rochester, N. Y. Detergent dispensing device. 2,315,890; Apr. 6.
- Badertsche, David E., Gross Pointe, assignor to Hudson Motor Car Company, Detroit, Mich. Wheel suspension. 2,334,597; Nov. 16.
- Badertsche, Darwin E., and G. S. Crandall, Woodbury, and F. M. Seger, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricant composition. 2,310,670; Feb. 9.
- Badertsche, David E., and H. G. Berger, Woodbury, and F. M. Seger, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Perchloromethyl mercaptan reaction product. 2,319,183; May 11.
- Badger Carton Company. (See Hanauer, Henry J., assignor.)
- Badger Cut Outs, Inc. (See Froehlig, Rudolph A., assignor.)
- Badger Cutouts, Inc. (See Polay, Harvey, assignor.)
- Badgett, Charles O. (See Willaman, J. J., Woodward, and Badgett.)
- Badgett, Stephen H. (See Koch, F., and Badgett.)
- Badgley, Laurie C., Springfield, Ill. Pipe lock and the like. 2,325,580; Aug. 3.
- Badham, Philip W. (See Powell, E. F., Bulgin, and Badham.)
- Baechter, Walter, Rocky River, Ohio, assignor to National Carbon Company, Inc. Irradiator. 2,308,145; Jan. 12.
- Baehr, Hans, and W. Deiters, Leuna, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of dihalogenated saturated hydrocarbons. 2,312,064; Feb. 23.
- Baer, Alfred. (See Heylandt, C. W. P., Mewes, Pomutz, and Baer.)
- Baer, Alvin H., South Orange, N. J. Liquid pressure reducing means. 2,337,823; Dec. 28.
- Baer, Bernard M., Grand Rapids, Mich. Internal combustion engine. 2,317,167; Apr. 20.
- Baer, Carl J., Lemay Station, Mo. Submarine craft. 2,332,549; Oct. 26.
- Baer, Harry L., Dormont, Pa. Fluid feeding device. 2,310,051; Feb. 2.
- Baer, Hermann W. (See Kaynor, W. F., and Baer.)
- Baerwald, Colleen. (See Baerwald, Walter H., assignor.)

- Baerwald, Walter H., assignor of fifty-one per cent to C. M. Baerwald, Grand Rapids, Mich. Stop light for vehicles and trailers. 2,312,300; Feb. 23.
- Bailey, Ben P., Louisville, Ky., and C. B. De Lano, Cleveland, Ohio, assignors to Ozone Development Corporation. Ozone generator. 2,309,616; Jan. 26.
- Baggott, John L., Cumberland, Md., assignor to Celanese Corporation of America. Treatment of textile materials. 2,328,600; Sept. 7.
- Baggott, John L., Cumberland, Md., assignor to Celanese Corporation of America. Preparation of formal. 2,331,307; Oct. 12.
- Baggott, Edmund W., Brooklyn, assignor of one-third to C. Scotton, and one-third to H. B. Kaempf, New York, N. Y. Hydraulic transmission. 2,327,238; Aug. 17.
- Bagley, John F., Jr., Topsfield, Mass. Sanitary shaver outfit. 2,323,290; July 6.
- Bagley, Lloyd L., Hanford, Calif. Can leak detector. 2,309,231; Jan. 26.
- Bagley, William H., Jr., assignor to Electro Bearing Company, Detroit, Mich. Bearing. 2,316,119; Apr. 6.
- Bagley, William H., Jr., assignor to Electro Bearing Company, Detroit, Mich. Making bearings. 2,333,227; Nov. 2.
- Bagley, William N., Chicago, Ill. Irrigation sprinkler. 2,322,271; June 22.
- Bagnall, Edwin, Chicago, Ill. Clutch element. 2,327,389; Aug. 24.
- Bagnall, John. (See Robinson, E. K., and Bagnall.)
- Bagnet, William R., Alameda, Calif. Wall form. 2,311,116; Mar. 16.
- Bagnak, Inc. (See Clayton, Harry E., assignor.)
- Bagnak, Inc. (See Allen, Howard G., assignor.)
- Bagnur, Aaron B., Lansdowne, assignor to Sun Oil Company, Philadelphia, Pa. Apparatus for treating hydrocarbon oils. 2,327,490; Aug. 24.
- Bagwell, Landrum E., Brevard, N. C. Toilet structure for bathrooms or the like. 2,331,592; Oct. 12.
- Bahelka, Joseph, Linden, N. J., assignor to Stanco, Incorporated. Sealing element. 2,324,055; July 13.
- Bahlke, Alfred F., New Providence, M. Moeller, Millburn, and R. W. Sheppard, Montclair, assignors to Utility Electric Corp., East New York, N. J. Fuse holder. 2,321,271; June 9.
- Bahnson, Monroe J. (See McIntyre, G. H., and Bahnson.)
- Bahnson, Monroe J., Lakewood, and E. E. Bryant, Bedford, assignors to Ferro Enamel Corporation, Cleveland, Ohio. Porcelain enamel. 2,324,812; July 20.
- Bahnson, Agnew H., Jr., assignor to The Bahnson Company, Winston Salem, N. C. Atomizer. 2,311,018; Feb. 16.
- Bahnson, Agnew H., Jr., assignor to The Bahnson Company, Winston Salem, N. C. Louver construction. 2,313,912; Mar. 16.
- Bahnson Company, The. (See Allred, George W., assignor.)
- Bahnson Company, The. (See Bahnson, Agnew H., Jr., assignor.)
- Bahr, Gustave F., assignor to Casco Products Corporation, Bridgeport, Conn. Driving light. 2,307,739; Jan. 12.
- Bahr, Gustave F., assignor to Casco Products Corporation, Bridgeport, Conn. Bracket. 2,309,333; Jan. 26.
- Bahr, Gustave F., assignor to Casco Products Corporation, Bridgeport, Conn. Vehicle lamp. 2,320,209; May 25.
- Bahr, Gustave F., assignor to Casco Products Corporation, Bridgeport, Conn. Shaving machine. 2,322,337; June 22.
- Bahr, Gustave F., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,330,187; Sept. 28.
- Bähr, Kurt. (See Zerweck, W., Müller, and Bähr.)
- Bahr, William F., St. Louis, Mo. Corrosion preventing connecting means for storage batteries. 2,312,791; Mar. 2.
- Bähring, Herbert, Klein-Machnow, Germany; vested in the Alien Property Custodian. Saw-tooth oscillator. 2,308,908; Jan. 19.
- Bähring, Herbert, Klein-Machnow, and T. Mülert, Zehlendorf, Germany; vested in the Alien Property Custodian. Synchronized saw-tooth current generator. 2,310,888; Feb. 9.
- Bähring, Herbert, Klein-Machnow, Germany; vested in the Alien Property Custodian. Relaxation oscillator. 2,320,551; June 1.
- Baier, Ludwig S., Milwaukie, Ore. Constructing welded metal water-going vessels. 2,330,022; Sept. 21.
- Baier, Willard E., Ontario, Calif. Humidifying means. 2,313,041; Mar. 9.
- Bailey, Alonzo W., Cleveland, Ohio. Flashing strip. 2,316,660; Apr. 13.
- Bailey, Arnold B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Antenna system. 2,323,641; July 6.
- Bailey, Carl A., Scotia, N. Y., assignor to General Electric Company. Scoring device. 2,323,700; July 6.
- Bailey, Charles M., San Francisco, Calif., assignor to Charles M. Bailey Co., Inc. Heat actuated safety shut-off valve. 2,324,552; July 20.
- Bailey, Charles M., Co. (See Bailey, Charles M., assignor.)
- Bailey, Edmund I., Toledo, Ohio, assignor to Petrolite Corporation, Ltd., Wilmington, Del. Apparatus for treating oil. 2,320,059; May 25.
- Bailey, Ervin G., Easton, Pa., assignor to The Babcock & Wilcox Company, Newark, N. J. Boiler circulation. 2,316,762; Apr. 20.
- Bailey, Ervin G., Easton, Pa., assignor to The Babcock & Wilcox Company, Newark, N. J. Vapor generator. 2,320,343; June 1.
- Bailey, Ervin G., Easton, Pa., and A. E. Raynor, Rockville Center, N. Y., assignors to The Babcock & Wilcox Company, Newark, N. J. Steam generator. 2,326,513; Aug. 10.
- Bailey, Ervin G., Easton, Pa., and D. H. N. Mayo, Ridgewood, assignors to The Babcock & Wilcox Company, Newark, N. J. Steam generator. 2,333,631; Nov. 9.
- Bailey, Frederick S., Hoboken, and P. Schone, Ridgefield, N. J., assignors to National Standard Company. Drying oven. 2,322,272; June 22.
- Bailey, Grant C., Dewey, and J. A. Reid, Bartlesville, Bailey, George C., Elizabeth, and O. Johnson, Metuchen, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Rubber coated ferrous metal articles and process. 2,321,281; July 13.
- Bailey, Oklahoma, assignors to Phillips Petroleum Company. Polymerization of olefins. 2,320,256; May 25.
- Bailey, Harry W., and G. A. Clay, Kansas City, Mo. Tank closure. 2,326,003; Aug. 3.
- Baily Meter Company. (See Dickey, Paul S., assignor.)
- Baily Meter Company. (See Dickey, P. S., and Boardman, assignors.)
- Baily Meter Company. (See Dueringer, Walter E., assignor.)
- Baily Meter Company. (See Hines, R. B., and Johnson, assignors.)
- Baily Meter Company. (See Hornbeck, Anthony J., assignor.)
- Baily Meter Company. (See Junkins, Raymond D., assignor.)
- Baily Meter Company. (See Junkins, R. D., Ryder and Luhrs, assignors.)
- Baily Meter Company. (See Ryder, John D., assignor.)
- Bailey, Perkins H., New York, N. Y., assignor to Talon, Inc. Lined garment. 2,327,979; Aug. 31.
- Bailey, Perkins H., New York, N. Y., assignor to Talon, Inc. Sand construction. 2,327,814; Aug. 31.
- Bailey, Philip S., Toms River, N. J. Device for removing meats and the like from containers. 2,334,595; Nov. 16.
- Bailey, Richard S., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Crystal working apparatus. 2,326,319; Aug. 10.
- Bailey, Robert M., (See Codney, A. O., and Bailey.)
- Bailey, Robert M., assignor to Willard Storage Battery Company, Cleveland, Ohio. Switch operating means. 2,318,355; May 4.
- Bailey, Roy E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Blending apparatus. 2,313,797; Mar. 16.
- Bailey, Stacy P., assignor, by mesne assignments, to J. F. Wallace, New York, N. Y. Making tampons. 2,330,257; Sept. 28.
- Bailey, Stanley J., Snyder, assignor to Spencer Lens Company, Buffalo, N. Y. Binocular. 2,320,504; June 1.
- Bailey, Thomas S., Jr. (See Daman, A. C., Logue, and Bailey, Jr.)
- Bailey, William J. A. (See Leathers, W., Haddad, and Bailey.)
- Bailey, William J. A., Packanack Lake, N. J., and Hugo Panissidi, Jamaica, assignors to International Business Machines Corporation, New York, N. Y. Duplication verification apparatus. 2,314,679; Mar. 23.
- Bailey, William H., Pueblo, assignor to The Colorado Fuel & Iron Corporation, Denver, Colo. Method and machine for profiling masses of material. 2,317,244; Apr. 20.
- Bailey, William M., Tuckahoe, N. Y., assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Terminal construction for electrical devices. 2,307,561; Jan. 5.
- Baile, Alfred J., Philadelphia, Pa. Reader's aid and book mark. 2,319,436; May 18.
- Baile, James C. (See Seen, M. J., and Baile.)
- Baillie, Wallace E., assignor to Standard Railway Devices Company, Chicago, Ill. Refrigerator car. 2,316,755; Apr. 20.
- Bailly, André A., Chatillon sous Bagneux, France; vested in the Alien Property Custodian. Drive for the spindles of machine tools. 2,313,257; Mar. 9.
- Bailly, Armand, Brussels, Belgium; vested in the Alien Property Custodian. Centrifugal hydro-extractor. 2,315,036; Mar. 30.
- Baily Meter Company. (See Junkins, Raymond D., assignor.)
- Baily, Robert W., Narberth, Pa. Multifrequency vibration. 2,309,033; Jan. 19.
- Baily, Robert W., Narberth, Pa. Apparatus and method for molding concrete. 2,311,358; Feb. 16.
- Baily, Robert W., Narberth, Pa. Apparatus for treating plastic materials. 2,332,687; Oct. 26.
- Baily, Robert W., Narberth, Pa. Apparatus for making concrete roadways. 2,332,688; Oct. 26.
- Bair, James G., Pittsburgh, and J. T. Shall, Zelenople, Pa. Abrasive belt grinder. 2,333,507; Nov. 2.

- Bair, Julian H., Seattle, Wash. Fountain implement. 2,328,084; Aug. 31.
- Baird, Albert W., Elizabeth, N. J., assignor to The Linde Air Products Company. Electric welding apparatus. 2,314,917; Mar. 30.
- Baird, Clyde W., Columbus, Ohio, assignor to The Traylor Vibrator Company. Vibration control apparatus. 2,322,217; June 22.
- Baird, Clyde W., Columbus, Ohio, assignor to The Traylor Vibrator Company. Control system. 2,322,218; June 22.
- Baird, Clyde W., Columbus, Ohio, assignor to The Traylor Vibrator Company. Vibration amplitude control system. 2,323,081; June 29.
- Baird, Clyde W., Columbus, Ohio, assignor to The Traylor Vibrator Company. Electrical control system. 2,323,440; July 6.
- Baird, Clyde W., Columbus, Ohio, assignor to The Traylor Vibrator Company. Electrical system. 2,323,441; July 6.
- Baird, Earle F., Waltham, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Safety shoe. 2,328,601; Sept. 7.
- Baird, Edgar J., Soda Springs, Idaho. Protective lining for canals. Re. 22,246; Jan. 12.
- Baird, Edgar J., Soda Springs, Idaho. Protective lining for canals and general earthwork. 2,333,287; Nov. 2.
- Baird, John B., assignor to Hudson Engineering Corporation, Houston, Tex. Spray head. 2,314,764; Mar. 23.
- Baird, Rochester. (See Boor, Francis H., assignor.)
- Baird, Stuart R., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Laundry apparatus. 2,325,559; June 22.
- Bakelite Corporation. (See Brannon, James L., assignor.)
- Bakelite Corporation. (See Daniels, Rupert S., assignor.)
- Bakelite Corporation, et al. (See Gross, E. H., and Hanley, assignors.)
- Bakelite Corporation. (See Meharg, V. E., and Maz-zucchelli, assignors.)
- Bakelite Corporation. (See Molinari, Vittorio, assignor.)
- Bakelite Corporation. (See Redman, Lawrence V., assignor.)
- Baker, Albert F., and R. W. Goodhue, San Rosa, Calif.; said Goodhue, assignor to said Baker. Ceiling and wall jack. 2,337,791; Dec. 28.
- Baker, Barton D., I. S. Harber and J. E. Poin-ton, Peterborough, England. Dividing and weighing of bread dough and like plastic masses. 2,321,667; July 20.
- Baker, Benjamin P. (See Ludwig, L. R., and Baker.)
- Baker, Benjamin P., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,323,642; July 6.
- Baker, Bernard R. (See Carlson, G. H., and Baker.)
- Baker, Carroll W., Los Angeles, Calif. Refrigeration. 2,307,380; Jan. 6.
- Baker, Carroll W., Los Angeles, Calif. Refrigerating and air conditioning apparatus. 2,323,511; July 6.
- Baker Castor Oil Company, The. (See Colbeth, Ivor M., assignor.)
- Baker, Charles I., West Hickory, Pa. Gas burner. 2,318,985; May 11.
- Baker, Charles P., Beaumont, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method and apparatus for handling thermophile mixtures. 2,337,519; Dec. 21.
- Baker, Chester L., Penn Wynne, and C. H. Dedrick, Drexel Hill, assignors to Philadelphia Quartz Company, Philadelphia, Pa. Water purification. 2,310,009; Feb. 2.
- Baker, Clarence V. (See Gould, S., and Baker.)
- Baker & Company. (See Nord, Friedrich F., assignor.)
- Baker & Company. (See Rosenblatt, Edgar F., assignor.)
- Baker & Company, Inc. (See Silvi, C. S., Liebig and Low, assignors.)
- Baker & Company. (See Whitehead, Harold, assignor.)
- Baker, Corwin W., Stoneham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoes and making the same. 2,319,288; May 18.
- Baker, Corwin W., Stoneham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for shaping shoe uppers over lasts. 2,326,193; Aug. 10.
- Baker, Corwin W., Stoneham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for shaping uppers over lasts. 2,327,392; Aug. 24.
- Baker, Corwin W., Stoneham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Manufacture of insole. 2,337,020; Dec. 21.
- Baker, Craig C., Los Angeles, Calif. Matrix drying and forming machine. 2,319,030; May 11.
- Baker, Craig C., Los Angeles, Calif. Matrix drying and forming machine. 2,319,031; May 11.
- Baker, David B., Riverside, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Vehicle. 2,327,850; Aug. 24.
- Baker, Edward E., Larchmont, assignor to Continental Can Company, Inc., New York, N. Y. Powder can. 2,327,391; Aug. 24.
- Baker, Edward E., and C. C. Conway, Jr., assignors to Continental Can Company, Inc., New York, N. Y. Fiber container. 2,338,019; Dec. 28.
- Baker, Edward G., assignor to Guardian Electric Manufacturing Co., Chicago, Ill. Spring tension device. 2,334,897; Nov. 23.
- Baker, Edward G., and T. Obszarny, assignors to Guardian Electric Manufacturing Co., Chicago, Ill. Impulse operated selector switch for alternating and direct current. 2,315,920; Apr. 6.
- Baker, Edwin M., Ann Arbor, assignor to Houdaille-Hershey Corporation, Detroit, Mich. Nickel plating. 2,312,517; Mar. 2.
- Baker, Erwin G., Indianapolis, Ind. Gas engine fuel economizer. 2,333,628; Nov. 9.
- Baker, Frederick C., Portland, Oreg. Fluorescent light fixture and shade. 2,323,002; June 29.
- Baker, George T. (See Taylor, R., and Baker.)
- Baker, Harold L., Oakland, Calif. Sectional mold for tire casings. 2,330,329; Sept. 28.
- Baker, Harry J., Indianapolis, Ind., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Device for indicating the contents of vessels. 2,308,146; Jan. 12.
- Baker, Harry L., Miami, Fla., assignor of one-half to The Fred Goat Co., Inc., Brooklyn, N. Y. Heat exchange tube. 2,337,584; Dec. 28.
- Baker, Herbert N., Syracuse, assignor to Syracuse Chilled Flow Company, Inc., New York, N. Y. Flow bottom. 2,323,177; June 29.
- Baker, Homer B., assignor to The Balmar Corporation, Baltimore, Md. Driving box equipment. 2,326,426; Aug. 10.
- Baker, James F. (See Almond, L. L., Ferguson, and Baker.)
- Baker, John C., Montclair, N. J., assignor to Standard Brands Incorporated, New York, N. Y. Making of bread. 2,326,278; Aug. 10.
- Baker, John G., Evansville, Wis., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for balancing. 2,315,578; Apr. 6.
- Baker, John G., Saunderstown, R. I. Log cabin construction. 2,321,120; June 8.
- Baker, John G., Evansville, Wis., and H. C. Werner, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Drive for balancing machines. 2,331,160; Oct. 5.
- Baker, John S., and R. M. Schultz, assignors to Cook Electric Company, Chicago, Ill. Mounting bracket for substation protectors. 2,309,232; Jan. 26.
- Baker, John W., et al. (See Charpentier, Edouard P., assignor.)
- Baker, Joseph L., Langhorne Manor, Pa. Weaving pile fabrics. 2,329,738; Sept. 21.
- Baker, Joseph L., Langhorne Manor, Pa. Making pile fabrics. 2,329,739; Sept. 21.
- Baker, Kenneth E., assignor to Gerber Products Company, Fremont, Mich. Plate for controlling temperature of food and serving same. 2,324,351; July 13.
- Baker, Lewis F., Braintree, Mass. Fishline sinker. 2,308,238; Jan. 12.
- Baker, Louis M., Birmingham, Mich., assignor to J. Fal-con, Buenos Aires, Argentina. Control switch for convertible tops. 2,309,926; Feb. 2.
- Baker Manufacturing Company, The. (See Washbond, Harry H., assignor.)
- Baker, Merle W., Clinton, Iowa, assignor to Curtis Companies Incorporated, Clinton, Iowa. Combination storm and screen door. 2,332,190; Oct. 19.
- Baker, Norman G., Laredo, Tex. One-man torpedo boat. 2,332,429; Oct. 19.
- Baker Oil Tools, Inc. (See Baker, Reuben C., assignor.)
- Baker Oil Tools, Inc. (See Burt, Clarence E., assignor.)
- Baker Oil Tools, Inc. (See Burt, C. E., and Althouse, assignors.)
- Baker Oil Tools, Inc. (See Burt, C. E., Sutter and Ragan, assignors.)
- Baker, Paul S., Fairfield, assignor to United Aircraft Corporation, East Hartford, Conn. Ventilated spoiler. 2,329,177; Sept. 14.
- Baker Perkins Inc. (See Devlin, Henry, assignor.)
- Baker Perkins Incorporated. (See Harber, L. S., and Poin-ton, assignors.)
- Baker Perkins Limited. (See Clegg, Frederick W., assignor.)
- Baker Perkins Limited. (See Harber, Laurence S., assignor.)
- Baker, Philip P., Chula Vista, Calif. Threshing machine. 2,315,385; Mar. 30.
- Baker, Phillip. (See Neracher, C. A., Patterson, Iavelli, Bucy, Snyov, and Baker.)
- Baker, Ralph E., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,334,237; Nov. 16.
- Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Los Angeles, Calif. Well packer apparatus. 2,315,921; Apr. 6.
- Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Trip device for well apparatus. 2,330,258; Sept. 28.
- Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Vernon, Calif. Well packer. 2,330,259; Sept. 28.
- Baker, Richard H. (See Lamb, R. H., and Baker.)
- Baker, Russell, et al. (See Bollinger, Benjamin A., assignor.)

- Baker, Samuel S., Webster Groves, assignor to American Thermometer Company, St. Louis, Mo. Thermometer. 2,329,685; Sept. 21.
- Baker, Thelma A., Fort Wayne, Ind. Ironing board attachment. 2,331,100; Oct. 6.
- Baker, Thomas A., Logansport, Ind. Fluid system and regulating device therefor. 2,314,569; Mar. 23.
- Baker, Virgil P., et al. (See Rhoads, Roy M., assignor.)
- Baker, Walter E. (See Wilson, James F., assignor.)
- Baker, William B., assignor to Sulfitt & Case Co., Inc., Peoria, Ill. Calcium gluconate solution. 2,325,029; July 27.
- Baker, William O., Morristown, and N. R. Pape, Woodbridge, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Surface hardening of linear polyamide bodies. 2,336,384; Dec. 7.
- Bakewell, Harding P., San Marino, Calif. Toolholder. 2,343,312; Mar. 2.
- Bakewell, Harding, F., San Marino, Calif. Fluid supply regulator. 2,327,066; Aug. 17.
- Bakke, Hans A., Swampscott, Mass., assignor to General Electric Company. Adjustable compensating lag coil. 2,336,834; Dec. 14.
- Bakken, Andrew H., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,318,044; May 4.
- Bakker, Pler, (See Lomax, C. E., and Bakker.)
- Bakker, Pler, Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,332,885; Oct. 26.
- Bakker, Pler, Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,335,473; Nov. 30.
- Bakker, Pler, Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,337,365; Dec. 21.
- Bakos, George, Prague, Bohemia; vested in the Alien Property Custodian. Film camera. 2,308,260; Jan. 12.
- Balaban, Alexander. (See Wheelan, R. R., and Balaban.)
- Balaban & Katz Corporation. (See Eddy, William C., assignor.)
- Balassa, Ladislaus, Flint, Mich., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,328,249; Aug. 31.
- Balassa, Ladislaus, Flint, Mich., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Barium sulphate pigments and preparing them. 2,328,250; Aug. 31.
- Balcar, Frederick R., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Producing chlorine. 2,312,952; Mar. 2.
- Balcar, Frederick R., Stamford, Conn., assignor, by mesne assignments, to U. S. Industrial Alcohol Co., New York, N. Y. Recovery of olefin oxides. 2,325,579; July 27.
- Balcar, Frederick R., Stamford, Conn., assignor, by mesne assignments, to U. S. Industrial Alcohol Co., New York, N. Y. Recovery of olefin oxides. 2,325,577; July 27.
- Balcar, John A., Cedar Rapids, assignor of one-half to Willard H. Seiffert, Iowa City, Iowa. Clamping means. 2,322,107; June 15.
- Baldenhofer, William G., assignor to The Thompson Grinder Company, Springfield, Ohio. Inclined grinder spindle. 2,315,104; Mar. 30.
- Baldenhofer, William G., assignor to The Thompson Grinder Company, Springfield, Ohio. Lubricant seal for shafts. 2,325,296; July 27.
- Baldenhofer, William G., assignor to The Thompson Grinder Co., Springfield, Ohio. Surface grinder spindle bearing. 2,334,238; Nov. 16.
- Balder, John R. (See Hodgson, J. H., Balder, and James.)
- Baldocchi, Archie A. (See Cooley, William L., assignor.)
- Baldock, Carmie L., Corpus Christi, Tex. Ventilating window. 2,331,823; Oct. 12.
- Baldwin, Alfred W., and M. A. T. Rogers, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. New water-repellent agent and making same. 2,327,162; Aug. 17.
- Baldwin, Charles C., St. Louis, Mo. Cigarette package and match box holder. 2,320,167; May 25.
- Baldwin Company, The. (See Benioff, Hugo, assignor.)
- Baldwin Company, The. (See Kock, Winston E., assignor.)
- Baldwin, Curtis C. (See Dooley, G. W., and Baldwin, Ernest W., and C. C.)
- Baldwin, Earl M. (See Laist, A., and Baldwin.)
- Baldwin, Ernest W. (See Dooley, G. W., and Baldwin, Ernest W., and C. C.)
- Baldwin, George C., Urbana, Ill., assignor to General Electric Company. Magnetic induction accelerator. 2,331,788; Oct. 12.
- Baldwin, Harold L., Bingham, Maine. Traction device. 2,312,518; Mar. 2.
- Baldwin, John D., Jr. (See Paquin, J. N., and Baldwin.)
- Baldwin, John D., Jr., Los Angeles, Calif., assignor to The Weatherhead Company, Cleveland, Ohio. Tank and making same. 2,319,487; May 18.
- Baldwin Locomotive Works. (See Blanks, Robert F., assignor.)
- Baldwin Locomotive Works, The. (See Conner, Ralph N., assignor.)
- Baldwin Locomotive Works, The. (See de Forest, Alfred V., assignor.)
- Baldwin Locomotive Works, The. (See Dievers, Grover E., assignor.)
- Baldwin Locomotive Works, The. (See Essl, Max, as assignor.)
- Baldwin Locomotive Works, The. (See Fullerton, Herbert S., assignor.)
- Baldwin Locomotive Works, The. (See Gibbons, Chester H., assignor.)
- Baldwin Locomotive Works, The. (See Holloway, Jesse F., assignor.)
- Baldwin Locomotive Works, The. (See Mikhailapov, George S., assignor.)
- Baldwin Locomotive Works, The. (See Neebe, Lawrence L., assignor.)
- Baldwin Locomotive Works, The. (See Sharp, R. E. B., and Francis, Jr., assignors.)
- Baldwin Locomotive Works, The. (See Smith, John E., assignor.)
- Baldwin Locomotive Works, The. (See Tate, Malcolm C., assignor.)
- Baldwin, Morris J., Erie, Pa., assignor to General Electric Company. Current collecting device. 2,313,502; Mar. 9.
- Baldwin, Morris J., Lawrence Park, Pa., assignor to General Electric Company. Protective power system. 2,313,503; Mar. 9.
- Baldwin, Morris J., Erie, Pa., assignor to General Electric Company. Protective power system. 2,315,386; Mar. 30.
- Baldwin Packers, Limited. (See Fleming, Bruce L., assignor.)
- Baldwin, Philip S., Florence, Italy; vested in the Alien Property Custodian. Hydraulic pressure transmission system. 2,326,116; Aug. 10.
- Baldwin Rubber Company. (See Brooks, Raymond O., assignor.)
- Baldwin, Russell L., Findlay, Ohio, and J. B. Chapman, Stamford, Conn., assignors to Remington Arms Company, Inc. Mechanical gun and projector. 2,331,368; Oct. 12.
- Baldwin, Wayne A., Watertown, N. Y., assignor to The New York Air Brake Company. Track sander. 2,324,274; July 13.
- Baldwin, Wayne A., Watertown, N. Y., assignor to The New York Air Brake Company. Sanding control valve. 2,336,156; Dec. 7.
- Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Gas welding table. 2,310,904; Feb. 9.
- Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Hook. 2,312,985; Mar. 2.
- Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Cabinet structure. 2,326,320; Aug. 10.
- Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Arc welding table. 2,328,182; Aug. 31.
- Bales, James E., Aurora, L. O. Vogt, Oswego, and M. Meco, assignors to Lyon Metal Products, Incorporated, Aurora, Ill. Locking device. 2,330,458; Dec. 14.
- Bales, Janet M. (See Bent, Franklin, assignor.)
- Balf, George T., assignor to Detroit Gasket & Mfg. Company, Detroit, Mich. Making window run. 2,330,662; Sept. 28.
- Balf, George T., assignor to Detroit Gasket & Manufacturing Company, Detroit, Mich. Glass run guide. 2,336,835; Dec. 14.
- Balfour, L. G., Company. (See Rowan, William R., assignor.)
- Balk, David, assignor to Superba Manufacturing Co., Inc. 2,317,168; Apr. 20.
- Balk, David, and J. Katz, Bronx, and F. P. Majors, Brooklyn, assignors to Superba Manufacturing Co., Inc., New York, N. Y. Bias cutting machinery. 2,326,746; Aug. 17.
- Ball, Albert L. (See Melton, R. L., Ball, and Benner.)
- Ball, Albert L., Lewiston, R. C. Benner, and R. L. Melton, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and manufacture. 2,335,902; Dec. 7.
- Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Hinge device for ventilating windows. 2,327,390; Aug. 24.
- Ball, Arthur T., Jr., Tariffville, Conn. Thermocouple. Company, Milwaukee, Wis. Multiple unit concrete pump drive. 2,334,375; Nov. 16.
- Ball, Charles A., deceased; by L. F. Ball, Valparaiso, Ind., administratrix. Ski shoe. 2,332,550; Oct. 26.
- Ball, Charles F., Wauwatosa, assignor to Chain Belt New York, N. Y. Bias cutting machine. 2,326,745; Aug. 17.
- Ball, Edgar D., Derby, assignor of one-half to George H. Alexander Machinery Limited, Birmingham, England. Automatically adjusting adjustable abrasive or cutting tools. 2,317,714; Apr. 27.
- Ball, Edgar D., Derby, assignor of one-half to George H. Alexander Machinery Limited, Birmingham, England. Spirit level. 2,317,715; Apr. 27.
- Ball, Louise F., administratrix. (See Ball, Charles A.)
- Ball, Oscar, Hewlett, N. Y. Spring locking screw bolt. 2,318,356; May 4.

- Ball, Roland W., Garden City, Mich. Bolt. 2,322,811; June 29.
- Ball, Thomas M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Throttle control. 2,314,570; Mar. 23.
- Ball, Thomas M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Control mechanism. 2,334,857; Nov. 23.
- Ballagh, James C., assignor to Patterson-Ballagh Corporation, Los Angeles, Calif. Protector for drill pipes. 2,308,147; Jan. 12.
- Ballantine, P., & Sons. (See Lehmann, O. P. R., and Jostock, assignors.)
- Ballard & Ballard Company. (See Willoughby, Lively B., assignor.)
- Ballard, Bernard T., Warren, Ohio, assignor to United States Cypsum Company, Chicago, Ill. Machine for the manufacture of expanded metal. 2,322,204; June 22.
- Ballard, Charles H., A. N. Banter, and S. E. Hays, assignors to Lindley Box & Paper Company, Marion, Ind. Display and shipping container for cut flowers, etc. 2,309,742; Feb. 2.
- Ballard, Edwin L., Lansing, Mich. Floor surfacing machine. 2,323,082; June 29.
- Ballard, Hyde W., Merion, assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Whipstock. 2,331,293; Oct. 12.
- Ballard, Milton H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Press. 2,317,432; Apr. 27.
- Ballard, Robert G., Saugus, Mass., assignor to General Electric Company, Telemetering system. 2,333,406; Nov. 2.
- Ballard, Seaver A. (See McAllister, S. H., and Ballard.)
- Ballard, Seaver A., Berkeley, and V. E. Haur, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Insecticide. 2,307,482; Jan. 5.
- Ballard, William C., Jr. (See Meyerhoefer, C. E., Ballard, and Smoot.)
- Ballarino, Joseph, Gary, Ind. Spoon holding attachment for cooking pans. 2,314,755; Mar. 23.
- Ballash, Clarence J., South Euclid, assignor to The Warner & Swasey Company, Cleveland, Ohio. Stock feeding and gripping mechanism. 2,308,348; Jan. 12.
- Balle, Gerhard. (See Orthner, L., Balle, Dittus, and Wagner.)
- Balleisen, Charles E., Philadelphia, Pa. Cartridge belt. 2,317,973; May 4.
- Ballow, Frank E. (See Downey, B. R., Eichen, and Ballow.)
- Ballantine, Elmer J., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Manufacture of mirrors. 2,317,876; Apr. 27.
- Ballantine, Elmer J., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Manufacture of mirrors. 2,317,877; Apr. 27.
- Ballantine, Elmer J., and F. F. Painter, Tarentum, Pa., assignors to Pittsburgh Plate Glass Company, Manufacturing multiple glazed units. 2,335,376; Nov. 30.
- Ballou, B. A. & Co. (See Ballou, F. A., Jr., and Moore, assignors.)
- Ballou, B. A. & Co. (See Morehouse, Eugene, assignor.)
- Ballou, Benton, and L. W. Waters, Ontario, Calif.; said Waters assignor to said Ballou. Freestone pitter. 2,314,068; Mar. 16.
- Ballou, Frederick A., Jr., Providence, and M. W. Moore, East Providence, R. I., assignors to B. A. Ballou & Co., Inc. Securing device. 2,308,412; Jan. 12.
- Balls, Arnold K. (See Jansen, E. E., and Balls.)
- Balls, Arnold K., Washington, D. C., and W. S. Hale, Alexandria, Va., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Sulphuryl compound obtained from flour. 2,313,504; Mar. 9.
- Balls, Edmond, Jacksonville, Fla. Wheelbarrow. 2,330,944; Oct. 5.
- Ballweg, Kenneth E., Portland, Oreg., assignor to American Telephone and Telegraph Company. Teletype writer. 2,334,534; Nov. 16.
- Balmar Corporation, The. (See Baker, Homer B., assignor.)
- Balmar Corporation, The. (See Forker, Major T., Jr., assignor.)
- Balogh, John A., Chicago, Ill. Attachment for carburetors. 2,335,037; Nov. 23.
- Baroušek, William E., Hinsdale, assignor to W. J. Dennis & Company, Chicago, Ill. Tool. 2,330,023; Sept. 21.
- Balsach, Juan, assignor of one-half to Sociedad Anónima, Buenos Aires, Argentina. Circular weaving loom. 2,327,987; Aug. 31.
- Balsiger, Harold E. (See Price, R. E., and Balsiger.)
- Balsiger, Harold E. (See Price, R. E., Balsiger, and Hollengreen.)
- Balsiger, Harold E. (See Rocks, H. N., Hollengreen, and Balsiger.)
- Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Cam grinding machine. 2,323,189; June 29.
- Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Index mechanism. 2,328,251; Aug. 31.
- Balster, Albert, assignor to I. Balster, Chicago, Ill. Typewriter desk. 2,316,756; Apr. 20.
- Balster, Irene. (See Balster, Albert, assignor.)
- Balthis, Joseph H., and A. W. Larchar, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of coated products. 2,308,638; Jan. 19.
- Baltimore Paper Box Company, The. (See Fairchild, Walter H., assignor.)
- Balz, Louise M. (See Balz, W. G., assignor, and Davidson.)
- Balz, Max, Esslingen-on-the-Neckar, and R. Kosche, Stuttgart-Untertürkheim, Germany, vested in the Alien Property Custodian. Shock absorber arrangement especially for motor vehicles. 2,320,552; June 1.
- Balz, William G., Kalamazoo, and L. R. Davidson, Sturgis, said W. G. Balz, assignor to L. M. Balz, Kalamazoo, Mich. Method of preparing polishing material for tumbling barrels. 2,318,578; May 11.
- Balz, William G., Kalamazoo, and L. R. Davidson, Sturgis, said W. G. Balz, assignor to L. M. Balz, Kalamazoo, Mich. Tumbling material for polish finishing metal articles and method. 2,318,579; May 11.
- Balz, William G., Kalamazoo, and L. R. Davidson, Sturgis, said W. G. Balz assignor to L. M. Balz, Kalamazoo, Mich. Method and material for polishing metal articles. 2,318,580; May 11.
- Balz, William G., Kalamazoo, and L. R. Davidson, Sturgis, said W. G. Balz assignor to L. M. Balz, Kalamazoo, Mich. Materials for use in tumbling barrel polishing and finishing and producing same. 2,318,581; May 11.
- Balzano, Oreste, assignor to The Greist Manufacturing Company, New Haven, Conn. Presser foot. 2,326,818; Aug. 17.
- Balzer, Harvey W., Downers Grove, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,331,013; Oct. 5.
- Bambenek, Joseph B., W. F. Hein and P. Warner, assignors to Peerless Chain Company, Winona, Minn. Carrier attachment for vehicles. 2,315,387; Mar. 30.
- Bamford, Alfred C. (See Eves, F. S., and Bamford.)
- Bamford, Harry S., Glenside, Pa., assignor to Farnsworth Television and Radio Corporation. Color television system. 2,312,792; Mar. 2.
- Bamford, Harry S., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Continuous projector. 2,323,512; July 6.
- Bamford, Harry S., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Continuous projector. 2,323,513; July 6.
- Bamford, Erwin L., Brooklyn, assignor to International Standard Electric Corporation, New York, N. Y. Telegraph printer. 2,329,580; Sept. 14.
- Bancroft, Howard, Bagley, Iowa. Sheet metal cutter. 2,308,148; Jan. 12.
- Bancroft, James E., Jamaica, assignor to American Bowling and Billiard Corporation, New York, N. Y. Projector. 2,312,273; Feb. 9.
- Bancroft, Joseph, & Sons. (See Craig, John G., assignor.)
- Bancroft, Joseph, & Sons Co. (See White, George L., assignor.)
- Bandell, Benjamin H., New York, N. Y. Sipper. 2,334,535; Nov. 16.
- Bandy, Alvin M., Ganado, Tex. Apparatus for taking samples of fluid from wells. 2,316,216; Apr. 13.
- Bandy, Earl J. (See Bandy, Rev. H., assignor.)
- Banigan, Thomas F. (See Haft, R. E. T., Creadick, and Banigan.)
- Banigan, Thomas F., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Method of and mold for forming cellulose sponges. 2,329,239; Sept. 14.
- Banister, James G., Chicago, Ill. Walking block. 2,317,020; Apr. 20.
- Bank, Albert M., and A. Nicholas, assignor, by mesne assignments, to Super Sargent Spring Company, Jersey City, N. J. Waterworking machine. 2,331,294; Oct. 12.
- Bank of America National Trust & Savings, Association, Executors. (See Replogle, Daniel B.)
- Bank of Montclair, executor, et al. (See Ellis, Carleton.)
- Bank of the Manhattan Company, trustee. (See Brodgen, Ernest M., assignor.)
- Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Automatic transmission. Re. 22,259; Feb. 2.
- Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Automatic transmission. Re. 22,312; May 18.
- Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Air filter system for motor and clutch units. 2,310,203; Feb. 9.
- Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Valve actuating mechanism. 2,325,932; Aug. 3.
- Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Automatic clutch mechanism. 2,326,279; Aug. 10.
- Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Change-speed transmission control. 2,335,255; Nov. 30.
- Baker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Reversing gear. 2,330,198; Sept. 28.

- Banker, Oscar H., Evanston, assignor to New Products Corporation, Chicago, Ill. Reversing gear. 2,336,459; Dec. 14.
- Banks, Edward, Jr., Menston, England. Valve for steam heated cabinets. 2,313,798; Mar. 16.
- Banning, John D., Chicago, and A. Anderson, Elmhurst, Ill., assignors to Davidson Manufacturing Corporation. Storage tank and compressor assembly. 2,314,438; Mar. 23.
- Bannister, Bryant, Mount Lebanon, Pa. Fishing reel. 2,329,381; Sept. 14.
- Bannister, Bryant, Mount Lebanon, Pa., assignor to National Tube Company. Combination straightener and tester for pipes. 2,335,524; Dec. 14.
- Bannister, Clyde E., Bartlesville, Okla. Centrifugal separator. 2,311,606; Feb. 16.
- Bannister, Clyde E., Bartlesville, Okla. Hose. 2,325,464; July 27.
- Bannister, Clyde E., Houston, Tex. Making hose. 2,325,465; July 27.
- Bannon, Lewis A. (See Frolich, P. K., and Bannon.)
- Bannon, Lewis A. (See Morrell, C. E., Frolich, and Bannon.)
- Bannon, Lewis A. (See Schneider, H. G., and Bannon.)
- Bannon, Lewis A., Roselle, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Chlorination of propylene polymers to give resins. 2,315,037; Mar. 30.
- Bannon, Lewis A., Roselle, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Producing polymers of high molecular weight. 2,317,878; Apr. 27.
- Bannon, Lewis A., and H. G. Schneider, Roselle, N. J., assignors to Standard Oil Development Company. Separation of isobutylene from hydrocarbon mixtures. Re. 22,268; Feb. 16.
- Bannon, William H. (See Voegell, Frederick B., assignor.)
- Banta, Walter, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,331,593; Oct. 12.
- Bantam Bearings Corporation. (See Allen, Thomas M., assignor.)
- Bantam Bearings Corporation. (See Thomas, Stanley R., assignor.)
- Banter, Arthur N. (See Ballard, C. H., Banter, and Hays.)
- Bany, Herman. (See Hoffmann, D. C., Reid, and Bany.)
- Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Regulating system. 2,309,493; Jan. 26.
- Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Generator control system. 2,321,969; June 15.
- Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Circuit interrupter control system. 2,325,361; July 27.
- Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Control equipment for prime mover driven synchronous generators. 2,322,829; Oct. 26.
- Bany, Herman, Lansdowne, Pa., and R. H. Kaufmann, Schenectady, N. Y., assignors to General Electric Company. Electric control system. 2,335,631; Nov. 30.
- Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Automatic reclosing circuit breaker equipment. 2,336,636; Dec. 14.
- Banzick, Alexander, Milwaukee, assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Body construction. 2,307,445; Jan. 5.
- Barab, Jacob, assignor to Hercules Powder Company, Wilmington, Del. Blasting cartridge. 2,310,343; Feb. 9.
- Barab, Jacob, assignor to Hercules Powder Company, Wilmington, Del. Blasting cartridge. 2,310,344; Feb. 9.
- Barasacki, Joseph A., Elyria, Ohio. Gauge. 2,321,888; June 15.
- Baranowski, Leo P. (See Mork, G. W., and Baranowski.)
- Barany, Edmund. (See Hines, E. G., and Barany.)
- Barber, Alfred W., Flushing, N. Y., assignor to Bonton Radio Corporation, Bonton, N. J. Wide range amplifier. 2,325,933; Aug. 3.
- Barber, Alfred W., Flushing, N. Y., assignor to Bonton Radio Corporation, Parsippany-Troy Hills Township, Morris County, N. J. Signal generator. 2,337,533; Dec. 28.
- Barber, Alfred W., Flushing, N. Y. Device for indicating exposure time of printed pages. 2,337,534; Dec. 28.
- Barber-Coleman Company. (See Bullen, Clark W., assignor.)
- Barber-Coleman Company. (See Colman, Howard D., assignor.)
- Barber-Coleman Company. (See Dewey, Ritchie P., assignor.)
- Barber-Coleman Company. (See Greenlee, T. K., Bohn, and O'Day, assignors.)
- Barber-Coleman Company. (See Lilja, Edgar D., assignor.)
- Barber-Coleman Company. (See Peterson, Burt A., assignor.)
- Barber, Oliver M., Visalia, Calif. Wind board. 2,324,754; July 20.
- Barber, Theodore C., Seattle, Wash. Flight control coordinator. 2,336,711; Dec. 14.
- Barbieri, Cesare, New York, N. Y., assignor to Dixie-Vortex Company, Chicago, Ill. Container. 2,334,805; Nov. 23.
- Barbieri, David, Thornwood, N. Y. Accessory for shot guns. 2,337,021; Dec. 21.
- Barbour, Howard C., Elyria, and F. S. Miller, Amherst, assignors to The Cleveland Quarries Company, Cleveland, Ohio. Apparatus for drilling holes in stone. 2,319,528; May 18.
- Barbulesco, Constantin D. (See Crane, C. J., Holloman, Stout, and Barbulesco.)
- Barclay, Ivar G., Harvey, Ill., assignor, by mesne assignments, to Brasco Manufacturing Company. Store front construction. 2,335,991; Dec. 7.
- Barclay Manufacturing Co. Inc. (See Feder, Harry, assignor.)
- Barclay, Thomas M. (See Lawrence, Gale E., assignor.)
- Barco, Allen. (See Anderson, E. L., and Bar.)
- Bard, Francis N. (See Brown, J. H., and Jagiel, assignors.)
- Bard, Francis N., Highland Park, Ill. Roof scraper. 2,326,514; Aug. 10.
- Bard, Morry A., and E. A. Tarshis, New York, N. Y. Hooley. 2,319,577; May 18.
- Bardeo Manufacturing & Sales Company. (See Jervis, Fred, assignor.)
- Barde, Emilion, Paris, France; vested in the Alien Property Custodian. Process which enables the reproduction of images by means of diazoic compounds to be obtained. 2,313,288; Mar. 9.
- Barden, Leslie M., Downers Grove, assignor to J. J. Heritage, Chicago, Ill. Water cooled grate. 2,333,141; Nov. 2.
- Bardet, George V., Berkeley, assignor to M. J. B. Company, San Francisco, Calif. Closing and vacuumizing machine for glass jars. 2,334,983; Nov. 23.
- Bardons and Oliver, Inc. (See Kylin, Oskar, assignor.)
- Bardsley, Joseph R., Yonkers, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Insulating finish for apparatus cases. 2,321,727; June 15.
- Bardwell, Dwight C. (See Dattin, R. C., and Bardwell.)
- Bardwell & McAllister. (See Rose, J. C., and Stankey, assignors.)
- Bardwell, Ralph F., Southbridge, and J. H. Smith, Southbridge, assignors to American Optical Company, Southbridge, Mass. Making lenses. 2,310,925; Feb. 16.
- Bardy, Oscar A., Woodside, Long Island, N. Y. Drip receptacle for umbrellas. 2,334,596; Nov. 16.
- Bare, Paul O. (See Fox, A. L., and Bare.)
- Barényi, Béla, Vaihingen-Rohr a. d. F., and K. Wilfert, Sindelfingen, Germany; vested in the Alien Property Custodian. Vehicle running gear. 2,326,918; Aug. 17.
- Barényi, Béla, Böhlingen, Germany; vested in the Alien Property Custodian. Shock absorption mechanism for axles of motor cars. 2,330,541; Sept. 28.
- Bargehoer, Adolf, Hague, Netherlands; vested in the Alien Property Custodian. Liquid spraying device for liquid fuel burners. 2,323,001; June 29.
- Bargen, Bernhard, North Newton, Kans., and W. J. Bargen, Waukegan, Ill. Desk. 2,329,029; Sept. 7.
- Bargen, William J. (See Bargen, B., and W. J.)
- Bargen, William J., Waukegan, Ill. Offset pedestal chair. 2,308,319; Jan. 12.
- Bargen, William J., Waukegan, Ill. School desk seat and support therefor. 2,310,202; May 18.
- Baribeau, Hervé. (See Bedard, Henri, assignor.)
- Barill, Herbert F. (See Dunham, G. W., Woodson, and Barill.)
- Barish, Thomas, Hyattsville, Md. Marking machine. 2,326,603; Aug. 10.
- Barish, Thomas, Hyattsville, Md. Marking. 2,326,604; Aug. 10.
- Barkdoll, Joseph P., Groton, assignor to I. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,336,976; Dec. 14.
- Barkeij, Jean A. H., Altadena, Calif. Semiautomatic gear shift transmission together with a combined fuel control element and gearshifter. 2,322,411; June 22.
- Barker, Claude L., Denver, Colo., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Blasting cartridge shell. 2,312,744; Mar. 2.
- Barker, Frederick W., Pound Ridge, N. Y. Plate holder. 2,328,252; Aug. 31.
- Barker, George A., Washington, D. C. Black-out curtain device for doors or similar openings. 2,331,295; Oct. 12.
- Barker, Harvey L. (See Pearl, Henry J., assignor.)
- Barker, Ira W. (See Smith, Harvey J., assignor.)
- Barker, John L., Norwalk, assignor to Automatic Signal Corporation, East Norwalk, Conn. Control system. 2,311,359; Feb. 16.
- Barker, John L., Norwalk, assignor to Automatic Signal Corporation, East Norwalk, Conn. Control system. 2,311,360; Feb. 16.
- Barker, Seth S., Ottumwa, Iowa. Picking chickens and apparatus therefor. 2,328,770; Sept. 7.
- Barker, Virgil D., Westfield, N. J. Fluid dispensing apparatus. 2,307,911; Jan. 12.
- Barker, Walter E. (See Kennedy, D. J., and Barker.)
- Barkin, David D., Brookline, Mass. Game. 2,335,099; Nov. 23.
- Barklie, Robert H. D., Purley, and A. Lewis, London, England. Joining of metals. 2,317,510; Apr. 27.
- Barksdale, George K., Winnsboro, S. C. Rotary sprinkler. 2,323,701; July 6.

- Barkstrom, Elmer E., Chicago, and H. M. Larsen, La Grange Park, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Retainer. 2,331,647; Oct. 12.
- Barling, Walter H., Santa Cruz, Calif. Aircraft. 2,308,802; Jan. 19.
- Barlow, Blanche B., Los Angeles, and J. D. Haynes, Tustin, Calif., assignors, by mesne assignments, of one-half to F. S. Hollister and one-half to C. H. Ireon. Soil treatment and composition therefor. 2,320,060; May 25.
- Barlow, Joseph R., assignor of one-half to C. X. Woundeday, Pittsburgh, Pa. Support for materials. 2,314,473; Mar. 23.
- Barlow, Roy G. (See Adams, G. L., and Barlow.)
- Barlow & Seelig Manufacturing Company. (See Schroeder, Simon E., assignor.)
- Barlow, Sidney D. (See Sussman, P., and Barlow.)
- Barneier, Floyd E., Chicago, Ill., assignor to General Printing Ink Corporation, New York, N. Y. Printing ink. 2,325,297; July 27.
- Barneier, Floyd E., Chicago, Ill., assignor to General Printing Ink Corporation, New York, N. Y. Multicolor printing and ink therefor. 2,326,321; Aug. 10.
- Barna, Joseph W., assignor of forty-nine one-hundredths to C. A. Laystrom, thirty-two one-hundredths to M. T. Barna, five one-hundredths to C. A. Laystrom, and fourteen one-hundredths to V. E. Hoffman, Chicago, Ill. Lasting machine wiper structure. 2,324,128; July 13.
- Barna, Joseph W., assignor of forty-nine one-hundredths to C. A. Laystrom, thirty-two one-hundredths to M. T. Barna, five one-hundredths to C. A. Laystrom, and fourteen one-hundredths to V. E. Hoffman, Chicago, Ill. Presser structure for shoe lasting machines. 2,324,129; July 13.
- Barna, Joseph W., assignor of forty-nine one-hundredths to C. A. Laystrom, thirty-two one-hundredths to M. T. Barna, five one-hundredths to C. A. Laystrom, and fourteen one-hundredths to V. E. Hoffman, Chicago, Ill. Lasting machine. 2,327,758; Aug. 24.
- Barna, Mary T., et al. (See Barna, Joseph W., assignor.)
- Barnard, John H., Washington, D. C. Drawing and observing device. 2,329,686; Sept. 21.
- Barnard, Ruth F., et al. (See Fox, Ellis W., assignor.)
- Barndollar, William L., Elyria, Ohio. Curtain and shade bracket. 2,319,715; May 18.
- Barnebl, August C. (See Barnebl, A. J., Grant, and Barnebl.)
- Barnebl, August J., Chicago; H. D. Grant, Flossmoor; and A. C. Barnebl, Chicago, assignors to Swenson Evaporator Company, Harvey, Ill. Dewatering of suspended solids. 2,330,542; Sept. 28.
- Barnes, Alfred A., Syracuse, and J. F. Price, assignors to Oswego Falls Corporation, Fulton, N. Y. Bottle cap applying machine. 2,322,812; June 29.
- Barnes, Byron H., San Marino, and B. S. Minor, Whittier, assignors, by mesne assignments, to B. H. and H. C. Barnes, San Marino, Calif. Means for positioning expandable collars on pipe or the like. 2,320,553; June 1.
- Barnes, Byron H., San Marino, and B. S. Minor, Whittier, assignors to B. H. Barnes and Harriet C. Barnes, both of San Marino, Calif. Apparatus for installing protectors on drill pipe. 2,327,088; Aug. 17.
- Barnes, Byron H., San Marino, and B. S. Minor, Whittier, assignors to B. H. and Harriet C. Barnes, San Marino, Calif. Apparatus for installing protectors on drill pipe. 2,328,771; Sept. 7.
- Barnes, Carl E. (See Coe, S. L., Jr., and Barnes.)
- Barnes, Carl E., Worcester, Mass., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Copolymerized substances containing methacrylic anhydride. 2,308,581; Jan. 19.
- Barnes, Carl E., Cambridge, assignor to Norton Company, Worcester, Mass. Articles of resin bonded abrasive grains. 2,308,853; Jan. 19.
- Barnes, Carl E., Cambridge, assignor to Norton Company, Worcester, Mass. Abrasive article. 2,308,854; Jan. 19.
- Barnes, Carl E., Worcester, Mass., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Furyl vinyl ketone and its alkyl substituted vinyl analogues. 2,309,727; Feb. 2.
- Barnes, Carl E., Worcester, Mass., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Interpolymerized substance containing unsaturated methylene groups. 2,321,728; June 15.
- Barnes, Charles H., Glendale, assignor to Lane-Wells Company, Los Angeles, Calif. Selective production means for wells. 2,307,983; Jan. 12.
- Barnes Drill Co. (See Caldwell, Harry J., assignor.)
- Barnes Drill Co. (See Johnson, Albert M., assignor.)
- Barnes, Edgar C. (See Penney, G. W., and Barnes.)
- Barnes, Harriet C., et al. (See Barnes, B. H., and Minor, assignors.)
- Barnes, Harry W., Beverly Hills, Calif. Black-out lamp. 2,325,216; July 27.
- Barnes, John L. (See Ehret, R. J., and Barnes.)
- Barnes, Julius C., assignor to Columbus Iron Works Co., Columbus, Ga. Thermostatically controlled air inlet for stoves. 2,309,295; Jan. 26.
- Barnes, Llewellyn T., Hempstead, N. Y. Bimetallic piston ring. 2,325,298; July 27.
- Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,324,553; July 20.
- Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Heater for fluids. 2,330,188; Sept. 28.
- Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Heater for fluids. 2,330,189; Sept. 28.
- Barnes Products, Incorporated. (See King, Bert W., assignor.)
- Barnes, Richard. (See Clapperton, G., and Barnes.)
- Barnes, Robert B. (See Ham, G. P., and Barnes.)
- Barnes, Robert B. (See Liddell, U., and Barnes.)
- Barnes, Robert B., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Method and apparatus for quantitative analysis of radioactive substances. 2,337,306; Dec. 21.
- Barnes, Robert W., Minneapolis, Minn. Dispensing device. 2,323,865; July 6.
- Barnes, Stuart C., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Automobile door lock. 2,336,211; Dec. 7.
- Barnes, Thomas D., West Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring device. 2,315,579; Apr. 6.
- Barnes, Thomas D., West Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermal demand meter. 2,333,509; Nov. 2.
- Barnes, Walter C., Lake Bluff, Ill. Track testing apparatus. 2,313,729; Mar. 16.
- Barnes, Walter C., Lake Bluff, Ill. Method and apparatus for detecting flaws. 2,317,721; Apr. 27.
- Barnes, Walter C., Lake Bluff, Ill. Flaw detecting apparatus. 2,337,148; Dec. 21.
- Barnes, Walter C., Lake Bluff, and H. W. Keevil, Highland Park, Ill. Method and apparatus for detecting flaws in magnetizable bodies. 2,317,718; Apr. 27.
- Barnes, Walter C., Lake Bluff, and H. W. Keevil, Highland Park, Ill. Method and apparatus for detecting flaws in magnetizable bodies. 2,317,719; Apr. 27.
- Barnes, Walter C., Lake Bluff, and H. W. Keevil, Highland Park, Ill. Method and apparatus for detecting flaws in magnetizable bodies. 2,317,720; Apr. 27.
- Barnes, Walter C., Lake Bluff, and H. W. Keevil, Highland Park, Ill. Flaw detecting apparatus. 2,333,086; Nov. 2.
- Barnet, William O., Camden, Ohio. Circuit breaker. 2,307,718; Jan. 5.
- Barnett, George F., San Francisco, Calif. Post cap. 2,317,125; Apr. 20.
- Barnett, Harry, assignor to The Powers Regulator Company, Chicago, Ill. Louver damper. 2,331,758; Oct. 12.
- Barnett, Henry E. (See Young, Robert F., assignor.)
- Barnett, Maxwell M., Port Sulphur, La., assignor to Freeport Sulphur Company, New York, N. Y. Production of sulphur dioxide-olefin resins. 2,310,605; Feb. 9.
- Barnett, Maxwell M., and J. H. Brown, Jr., Port Sulphur, La., assignors to Freeport Sulphur Company, New York, N. Y. Producing sulphur dioxide-olefine resins. 2,314,067; Mar. 16.
- Barnett, Oliver C., assignor to Hoffman Brothers Drilling Co., Punxsutawney, Pa. Spring piece. 2,308,042; Jan. 12.
- Barnett, Rex D. (See Herring, W. A., and Barnett.)
- Barnett, Robert S., Beacon, and G. Kaufman, assignors to The Texas Company, New York, N. Y. Stabilized grease composition. 2,334,239; Nov. 16.
- Barnette, Le Roy T., Detroit, Mich., assignor to The Standard Products Company, Port Clinton, Ohio. Making articles of manufacture. 2,318,589; May 11.
- Barnette, Le Roy T., St. Clair, Mich., assignor to The Standard Products Company, Port Clinton, Ohio. Plastic instrument case. 2,331,759; Oct. 12.
- Barnette, Louis A. M., and W. A. Pitts, Houston, Tex., assignors to Standard Oil Development Company, Inc. Indicator for recurring motion. 2,332,773; Oct. 26.
- Barny, Duane R., and G. W. Weaver, East Orange, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Power factor measuring system. 2,314,851; Mar. 23.
- Barney, Jerome, assignor to The R. K. Laros Silk Co., Bethlehem, Pa. Sheersness meter. 2,312,953; Mar. 2.
- Barnhart, Philip S., Westfield, assignor to Westfield River Paper Company, Inc., Russell, Mass. Making coated laminated paper. 2,325,584; Aug. 3.
- Barnitz, Blair M., Los Angeles, Calif., assignor to The Brown Instrument Company, Philadelphia, Pa. Automatic temperature control instrument. 2,322,501; June 22.
- Barnitz, Richard W., Parkersburg, W. Va., assignor to Porcelain Products, Inc., Findlay, Ohio. Thimble shaped insulator. 2,323,967; July 13.
- Barnstainer, Elton, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Deep well cooker. 2,333,508; Nov. 2.
- Barnum, Leslie F., Detroit, Mich. Machine for making twisted paper. 2,324,668; July 20.
- Baron, George R., Santa Rosa, Calif. Fence post. 2,335,227; Nov. 30.

- Baron, Leonard, Franklin Square, and J. Hoch, Corona, Long Island assignors to Victor Metal Products Corporation, Brooklyn, N. Y. Stripper for molding presses. 2,336,212; Dec. 7.
- Baron, Walter C., Chicago, Ill. Tackle box. 2,316,833; Apr. 29.
- Baronick, Rudolph, Langeloth, Pa. Hack saw blade holder. 2,329,030; Sept. 7.
- Barr, David P. (See Rogers, V. C., and Barr.)
- Barr, Frank T., Summit, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Cooling fluid catalysts. 2,309,034; Jan. 19.
- Barr, James C., Huntington Park, Calif. Remote control for moving picture cameras. 2,333,972; Nov. 9.
- Barr Rubber Products Company, The. (See Frissell, Robert R., assignor.)
- Barr and Stroud, Limited. (See French, James W., assignor.)
- Barraja-Frauenfelder, Joseph, Upper Montclair, and O. L. Schrom, Montclair, N. J., assignors to American Locomotive Company, New York, N. Y. Cylinder for opposed-piston internal combustion engines. 2,327,694; Aug. 21.
- Barraus, William T., Towson, Md., P. M. Cole, Meadville, Pa., D. O. Hannan and D. C. Robson, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for slitting and cutting conductors. 2,319,198; May 18.
- Barrel Fitting & Seal Corporation. (See Schwartz, Morris, assignor.)
- Barreto, Ramon G., Habana, Cuba. Collar clip. 2,318,045; May 4.
- Barrett, Arthur, London, England. Lamp fitting for use in flashlight photography. 2,324,004; Aug. 3.
- Barrett, C. E., and Company. (See Feig, Edward C., assignor.)
- Barrett, Edward L., La Grange, assignor to The Barrett Engineering Company, Chicago, Ill. Automatic hydraulic transmission. 2,318,660; May 11.
- Barrett, Edward R., assignor to Gar Wood Industries, Inc., Detroit, Mich. Squeeper. 2,317,541; Apr. 27.
- Barrett, Edward R., assignor to Gar Wood Industries, Inc., Detroit, Mich. Compound holst. 2,319,840; May 25.
- Barrett, Edward R., assignor to Gar Wood Industries, Inc., Detroit, Mich. Hydraulic spooling device. 2,320,534; June 1.
- Barrett, Edward R., assignor to Gar Wood Industries, Inc., Detroit, Mich. Refuse picker. 2,323,366; July 6.
- Barrett, Edward L., La Grange, Ill. Radio antenna. 2,327,163; Aug. 17.
- Barrett, Edward R., assignor to Gar Wood Industries, Inc., Detroit, Mich. Skip loader and dumper. 2,323,962; Oct. 26.
- Barrett Engineering Company, The. (See Barrett, Edward L., assignor.)
- Barrett, Ethert M., El Monte, Calif., assignor to Clayton Manufacturing Company, Alhambra, Calif. Toolholder. 2,322,228; Nov. 2.
- Barrett, Harold G., assignor to Thermek Corporation, Chicago, Ill. Raising spines. 2,327,757; Aug. 24.
- Barrett, Harry P., St. Louis, Mo. Grinding machine. 2,325,828; Aug. 2.
- Barrett, J. B., et al. (See Williams, Elmer E., assignor.)
- Barrett, William, International Falls, assignor to Minnesota and Ontario Paper Company, Minneapolis, Minn. Coating apparatus. 2,328,183; Aug. 31.
- Barrow, Joseph M. (See Eastman, du E., and Barron.)
- Barrow, Joseph M., Port Arthur, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,310,922; Feb. 16.
- Barrow, Joseph M., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Cracking hydrocarbon oils. 2,334,366; Nov. 16.
- Barron, Joseph M., Port Arthur, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,338,020; Dec. 28.
- Barron, Hyman W. (See La Guardia, F. H., Rochester, Barron, and Gibala.)
- Barron, Hyman W. (See Rochester, T. W., Barron, and Gibala.)
- Barrott, George P. (See Plant, H. F., and Barrott.)
- Barrott, George P., and H. F. Plant, assignors to Precision Grinding Limited, Mitcham Junction, England. Linear-dimension gauge or comparator. 2,324,813; July 20.
- Barrow, Wilmer L., Newton, Mass., assignor to Research Corporation, New York, N. Y. Electromagnetic horn. 2,307,011; Jan. 5.
- Barrow, Wilmer L., Newton, Mass., assignor to Research Corporation, New York, N. Y. Electromagnetic horn. 2,307,012; Jan. 5.
- Barrow, Wilmer L., Newton, Mass., assignor to Research Corporation, New York, N. Y. Electromagnetic horn. 2,316,151; Apr. 13.
- Barrows, Alfred C., and J. V. Haidler, Ann Arbor, Mich. Door arrangement for baling presses. 2,337,705; Dec. 28.
- Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,312,065; Feb. 23.
- Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Car support. 2,330,105; Sept. 21.
- Barrows, Donald S., and E. H. Blattner, assignors to Symington-Gould Corporation, Rochester, N. Y. Side bearing. 2,327,954; Aug. 24.
- Barrows, Donald S., and A. H. Lake, assignors to The Symington-Gould Corporation, Rochester, N. Y. Draft rigging. 2,327,240; Aug. 17.
- Barry, James B. (See Lovdy, Elmer R., assignor.)
- Barry, Richard J., New York, N. Y., assignor to W. E. Irving, Glenbrook, Conn. Grating. 2,323,271; June 29.
- Barry, Richard J., New York, N. Y., assignor to W. E. Irving, Glenbrook, Conn. Panel connection. 2,323,272; June 29.
- Barry, Richard J., New York, N. Y., assignor to W. E. Irving, Glenbrook, Conn. Panel connection. 2,323,273; June 29.
- Barry, Richard J., New York, and C. Rasmussen, Flushing, N. Y., assignors to W. E. Irving, Glenbrook, Conn. Grating. 2,333,510; Nov. 2.
- Barry-Wehmiller Machinery Company. (See Herold, James L., assignor.)
- Barstow, Ormond E., assignor to The Dow Chemical Company, Midland, Mich. Apparatus for treating wells. 2,308,668; Jan. 19.
- Barstow, Ormond, assignor to The Dow Chemical Company, Midland, Mich. Method of and apparatus for treating wells. 2,321,070; June 15.
- Bartek, Michael, assignor to Deere & Company, Moline, Ill. Tooth mounting. 2,328,121; Aug. 31.
- Bartelink, Everhard H. B., Niskayuna, N. Y., assignor to General Electric Company. Television system. 2,326,515; Aug. 10.
- Bartel, Harry J., University City, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,317,169; Apr. 20.
- Bartels, Maude L., assignor to H. Levine & Company, Cleveland, Ohio. Ration book holder or cover. 2,330,214; Dec. 7.
- Barth, Elmer J. (See Peterson, C. D., and Barth.)
- Barth, Edwin J., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Lubricating oil composition. 2,307,615; Jan. 5.
- Barth, Paul M., Manhattan Beach, Calif. Musical instrument. 2,310,606; Feb. 9.
- Barthelemy, Otto, Zella-Mehlis, Thuringia, Germany; vested in the Allen Property Custodian. Accounting machine. 2,330,543; Sept. 28.
- Bartholy, Frederick E., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Radio direction finding system. 2,310,052; Feb. 2.
- Bartlett, C. O., and Snow Company, The. (See Hofmann, Maximilian P., assignor.)
- Bartlett, C. O., and Snow Company, The. (See Smith, Benjamin A., assignor.)
- Bartlett, Herbert R., Barron, Wis. Jig saw. 2,327,239; Aug. 17.
- Bartlett, Luis H., Austin, Tex., assignor to The University of Tennessee Research Corporation, Knoxville, Tenn. Immersion process of food freezing. 2,308,486; Jan. 19.
- Bartlett, Marjorie. (See Bartlett, Norman, assignor.)
- Bartlett, Norman, assignor of one-half to M. Bartlett, North Tonawanda, N. Y. Amusement apparatus. 2,320,555; June 1.
- Bartlett, Percy. (See Thumlin, C., and Bartlett.)
- Bartlett, Percy, Springfield, Pa., assignor to General Electric Company. Electric circuit breaker. 2,310,728; Feb. 9.
- Bartlett, Percy, Springfield, and L. S. Subber, Upper Darby, Pa., assignors to General Electric Company. Fluid pressure control system. 2,308,261; Jan. 12.
- Bartley, Victor. (See Worthington, J. L., and Bartley.)
- Bartmann & Bixler Inc. (See Meyer, Charles, assignor.)
- Bartlow, Justin D., Long Beach, assignor to J. C. Owens, Los Angeles, Calif. Carpet stretcher. 2,326,117; Aug. 10.
- Barton, Benjamin D. (See Adney, A. P., and Barton.)
- Barton, Armand, assignor of one-half to L. Vulcan, Chicago, Ill. Wheel. 2,328,319; Aug. 31.
- Barton, Benjamin D., assignor to American-Marsh Pumps, Inc., Battle Creek, Mich. Tank for vehicles. 2,325,648; Aug. 3.
- Barton, Bernard C., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Cracking inhibitor. 2,324,056; July 13.
- Barton, Edward G., Cleveland, Ohio. Demonstration device. 2,326,194; Aug. 10.
- Barton, George E., Millville, N. J., assignor to Armstrong Cork Company, Lancaster, Pa. Glass composition. 2,323,643; July 6.
- Barton, Paul D., Phoenixville, assignor to Sun Oil Company, Philadelphia, Pa. Recovering condensable hydrocarbons from gas-oil well products. 2,333,229; Nov. 2.
- Barton, Rice, Corporation. (See Stafford, Stephen B., assignor.)
- Barton, Rice, Corporation. (See Stafford, S. B., and Smith, assignors.)
- Barton, William A. (See Lane, H., and Barton.)
- Bartow Beacons Inc. (See Bartow, John B., assignor.)
- Bartow, John B., Blue Bell, assignor to Bartow Beacons Inc., Philadelphia, Pa. Lamp mounting device. 2,332,362; Oct. 19.

- Bartsch, Herbert E. (See Camp, P. B., and Bartsch.)
 Bartsch, Herbert E., Chicago, Ill., assignor to Universal Railway Devices Company. Brake platform. 2,308,855; Jan. 19.
- Baruch, Sydney N., New York, and J. Weinberg, Rego Park, assignors to General Arc Lighting Company, Inc., Corona, Long Island, N. Y. Remote control and indicator. 2,328,320; Aug. 31.
- Barwasser, Josef, Frankfurt-on-the-Main, and W. Thumm, Oberursel, near Frankfurt-on-the-Main, Germany, assignors to American Lung Corporation, New York, N. Y. Regeneration of an absorption liquid consisting of basic aluminium sulphate for the recovery of sulphur dioxide. 2,311,202; Feb. 16.
- Bary, Paul, Paris, France; vested in the Alien Property Custodian. Preparation and use of anti-cryptogamic colloidal solutions, bactericides, and insecticides. 2,313,190; Mar. 9.
- Basch, Olive H., Westfield, N. J. Knitted article. 2,330,199; Sept. 28.
- Bascom, Henry, St. Louis, Mo. Amusement device. 2,313,313; Mar. 9.
- Bascom, Henry M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Indicator. 2,307,660; Jan. 5.
- Bascom, Henry M., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Prepayment coin box system. 2,319,032; May 11.
- Bascom, Henry M., New York, and F. R. Lamberty, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Private branch exchange system. 2,327,851; Aug. 24.
- Bascom, Henry M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone set circuit. 2,332,551; Oct. 26.
- Bascom, Roger C., Merrick, assignor to Rubatex Products, Inc., New York, N. Y. Vulcanization. 2,310,926; Feb. 16.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake. 2,315,241; Mar. 30.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,327,955; Aug. 24.
- Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Friction-absorbing device. 2,329,510; Sept. 14.
- Baselt, Walter H., and C. E. Tack, assignors to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,325,934; Aug. 3.
- Basb, William J. (See Rankin, Armand T., assignor.)
- Bashore, Homer H., Morrisville, Pa., assignor to American Abrasive Metals Company, Irvington, N. J. Reinforced tread. 2,317,963; Apr. 27.
- Bashore, Quinten E., Covina, Calif. Increasing the resistance of plant life to frost damage. 2,315,764; Apr. 6.
- Bass? Patents Inc. (See Stember, Bernard, assignor.)
- Basinski, Leonard. (See Wallrath, B., and Basinski.)
- Basler, Donnan E. (See Atkinson, J. E., and Basler.)
- Basler, Donnan E., Jackson, Mich., H. W. Kelley, Port St. Joe, Fla., and N. W. Matthews, Caldwell, Ohio. Insulator support and coupling method. 2,332,502; Oct. 26.
- Basler, Hermann, Berlin Dahlem, Germany; vested in the Alien Property Custodian. Apparatus for drying sheets. 2,332,886; Oct. 26.
- Basquin, Olin H. (See Portchen, J. A., and Basquin.)
- Basquin, Olin H., Evanston, Ill., assignor to Stroeter-Amet Company, Chicago, Ill. Gauging apparatus. 2,321,121; June 8.
- Basquin, Olin H., Evanston, and S. E. Adair, assignors to Stroeter-Amet Company, Chicago, Ill. Traffic counting apparatus. 2,334,143; Nov. 9.
- Bass, Albert C., Chicago, Ill. Flat belt. 2,332,495; Oct. 26.
- Bass, Edward L., Chicago, Ill. Spring structure. 2,321,790; June 15.
- Bass, Shailer L., and A. A. Lawrence, assignors to The Dow Chemical Company, Midland, Mich. Finishing piece goods. 2,326,605; Aug. 10.
- Bass, Lawrence W., and H. S. Olcott, Pittsburgh, Pa., assignors to Cotton Research Foundation. Protein recovery. 2,326,195; Aug. 10.
- Bass, Walter L. (See Kraft, W. W., and Bass.)
- Bass, William H., Houston, Tex. Safety grip. 2,308,485; Jan. 19.
- Bassett, Edward H., West Hartford, assignor to The Silcox Company, Hartford, Conn. Combination pressing and steaming iron. 2,317,716; Apr. 27.
- Bassett, Ethel N., Lincoln, Nebr. Pie pan. 2,327,988; Aug. 31.
- Bassett, Linton T. (See Harris, C. C., assignor) and Bassett.)
- Bassett, Rex E., Jr., South Bend, Ind., assignor, by mesne assignments, to American Machine and Metals, Inc., East Moline, Ill. Cleaning machine. 2,307,254; Jan. 5.
- Bassett, Rex E., Jr., South Bend, Ind., assignor to Bendix Home Appliances, Inc., Detroit, Mich. Cleaning machine. 2,311,924; Feb. 23.
- Bassette, Arthur S. (See Frank, W. H., and Bassette.)
- Baselk Company, The. (See Claude-Mantle, Arthur, assignor.)
- Bassinger, Ross, Houston, Tex. By-pass and releasing means. 2,317,021; Apr. 20.
- Bassinger, Ross, Houston, Tex. Well plug. 2,331,532; Oct. 12.
- Bassist, Ellis. (See Toland, William C., assignor.)
- Bassist, Ellis. (See Toland, W. C., and Bassist.)
- Bassist, Ellis, Brookline, Mass., assignor to W. C. Toland, trustee. Printing material. 2,311,809; Feb. 23.
- Bassist, Ellis, assignor to W. C. Toland, trustee, Brookline, Mass. Printing means. 2,316,148; Apr. 13.
- Bassist, Rudolph, New York, assignor of forty-five percent to R. Bassist, Long Island City, ten percent to H. H. Stern, twenty-two and one-half percent to E. Abrams, and twenty-two and one-half percent to E. April, New York, N. Y. Warp knitting machine. 2,334,054; Nov. 9.
- Bastable, Edward H., Newton, Mass. Machine for forming heel seats. 2,329,740; Sept. 21.
- Bastian, Arthur J., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bearing assembly. 2,310,053; Feb. 2.
- Bastian-Blessing Company, The. (See Butner, William C., assignor.)
- Bastian-Blessing Company, The. (See Hooper, Virgil I., and L. G., assignors.)
- Bastian-Blessing Co., The. (See Johnson, Herman K., assignor.)
- Bastian-Blessing Company, The. (See Sundstrom, Savin L., assignor.)
- Bastian-Blessing Company, The. (See Wigton, Matt H., assignor.)
- Bastian-Blessing Co., The. (See Zimmer, Raymond R., assignor.)
- Bastian Brothers Company. (See Mitchel, Charles F., assignor.)
- Bastian-Morley Co. (See Farren, J. W., Heywood, and Donnelly, assignors.)
- Bastiansen, Otto, Woodhaven, N. Y. Smoking pipe. 2,310,885; Feb. 9.
- Bastiansen, Otto, Woodhaven, N. Y., assignor to The A. C. Gilbert Company, New Haven, Conn. Pseudo steam puffing apparatus for toy trains. 2,317,974; May 4.
- Baston, Cyril E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Locomotive control system. 2,313,913; Mar. 16.
- Bastow, Harry, Pittsburgh, Pa. Machine for recording characters. 2,334,693; Nov. 23.
- Bastow, Ralph J., Geneva, and J. R. Coburn, Syracuse, assignors to L. C. Smith & Corona Typewriters, Inc., New York, N. Y. Typewriting machine. 2,317,170; Apr. 20.
- Batavia Body Company. (See De More, Leonel A., assignor.)
- Batcheler, Benjamin F., Maywood, and R. L. Peterson, Evanston, Ill., assignors to American Can Company, New York, N. Y. Apparatus for packaging liquids. 2,330,805; Oct. 5.
- Batchelder, Augustus H., and I. E. Levine, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Oxidizing organic substances. 2,336,919; Dec. 14.
- Batchelder, Clifton T., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Gauge for cementing machines. 2,313,914; Mar. 16.
- Batchelder, James W., Waterbury, Conn. Drive conveyor. 2,327,852; Aug. 24.
- Batchell, George W., Toledo, Ohio. Lehr conveyor. 2,315,148; Mar. 30.
- Batchelder, George W., Sewell, R. L. Featherer, Wenonah, and J. E. Hughes, Bridgeport, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of waste acid. 2,337,025; Dec. 21.
- Batcheller, Clements, Glens Falls, N. Y. Coloring stainless steel. 2,312,066; Feb. 23.
- Batcheller, Clements, Glens Falls, N. Y., assignor to Allegheny Ludlum Steel Corporation, Pittsburgh, Pa. Panel board. 2,334,694; Nov. 23.
- Batcheller, Hugh W., Newton, assignor to Standard Mfg. Co., Worcester, Mass. Electric connector. 2,336,385; Dec. 14.
- Batchelor, John C., Hastings on Hudson, N. Y. Electro-optical method and apparatus. 2,307,661; Jan. 5.
- Batchelor, John C., Hastings on Hudson, N. Y. Image producer. 2,310,671; Feb. 9.
- Bate, J. Warren, Rockford, Ill. Brush. 2,319,841; May 25.
- Batholts, Clinton, Hoosick Falls, N. Y., assignor to Specialty Insulation Manufacturing Company, Inc. Hydraulic valve. 2,320,905; June 1.
- Bateman, Ellen M. (See Bateman, F. H., and Trolley.)
- Bateman, Frederic H., Grenloch, N. J., and I. Trolley, York, Pa., said Bateman assignor to Fred H. Bateman, Grenloch, N. J., and Camden Trust Company, trustees under the will of Ellen M. Bateman. Means for planting. 2,334,598; Nov. 16.
- Bateman, Lester A. (See Harbert, C. J., and Bateman.)
- Bateman, Lester A. (See Kramers, H. C., and Bateman.)
- Bates, Alfred O., Cleveland Heights, assignor to Arthur L. Parker, Cleveland, Ohio. Metalworking machine.
- Bates, Charles J., Englewood, N. J., and Robert W. Finley, assignors to Diebold Safe & Lock Company, Canton, Ohio. Insulated filing cabinet manufacture and the like. 2,333,311; Nov. 2.
- Bates, Harold O., Cranford, N. J. Integrating colored insignia to rubber. 2,316,149; Apr. 13.

- Bates, Lawrence G., Cleveland, Ohio. Liquid dispensing device. 2,312,067; Feb. 23.
- Bates, William J. (See Paul, H. W., and Bates.)
- Bates, William P., Lynnfield, Mass. Photographic printing machine. 2,320,334; June 1.
- 2,328,532; Sept. 7.
- Batesole, Dwight E., Glenbrook, assignor to Norma Hoffmann Bearing Corporation, Stamford, Conn. Rubber bonded split metal washer seal. 2,310,607; Feb. 9.
- Batesville Casket Company, The. (See Purkiss, Robert B., assignor.)
- Bath, John, and Company. (See Walker, Ernest A., assignor.)
- Batsel, Cecil N., Camden, N. J., assignor to Radio Corporation of America. Television system. 2,314,680; Mar. 23.
- Batsel, Max C., Haddonfield, N. J., assignor to Radic Corporation of America. Electrical sound reproduction. 2,314,382; Mar. 23.
- Battelle Memorial Institute. (See Austin, C. R., and Sullivan, assignors.)
- Battelle Memorial Institute. (See Bearse, A. E., and Shutt, assignors.)
- Battelle Memorial Institute. (See Bird, B. M., and Smith, assignors.)
- Battelle Memorial Institute. (See Faust, Charles L., assignor.)
- Battelle Memorial Institute. (See Pray, Henry A. H., assignor.)
- Battelle Memorial Institute. (See Sullivan, J. D., and Austin, assignors.)
- Batten, Percy H., et al. trustees. (See Ljungström, Fredrik, assignor.)
- Batten, Percy H., trustee, et al. (See Lysholm, A., and Boestad, assignor.)
- Batterson, Dwight C., Hinsdale, Ill., assignor to Reeves Pulley Company, Columbus, Ind. Constant belt position resiliently expansible pulley. 2,325,049; Aug. 3.
- Battley, Alexander J. (See Babcock, H., and Eddy.)
- Baty, Joseph A., Rochelle Park, and A. W. Meyer, Nutley, N. J., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Making microporous products. 2,329,322; Sept. 14.
- Batzle, Charles H., East Orange, assignor to Specialties Manufacturing Company, Inc., Bloomfield, N. J. Method and apparatus for producing dry ice. 2,307,013; Jan. 5.
- Beading, Joseph E., Merion, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protection for bias filter condensers. 2,310,054; Feb. 2.
- Baudry, René A. (See Pollard, E. L., and Baudry.)
- Baudry, René A. (See Rose, B. A., and Baudry.)
- Baudry, René A. (See Tichvinsky, I. M., and Baudry.)
- Baudry, René, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Construction for dynamoelectric machines. 2,320,813; June 1.
- Bauer, Benjamin B., Chicago, Ill., assignor to S. N. and F. Shure, trustees, doing business as Shure Brothers, a partnership. Translating device. 2,326,280; Aug. 10.
- Bauer Brothers Company, The. (See Woodruff, Maurice D., assignor.)
- Bauer, George A., Baltimore, Md. Manufacturing decorated chinaware and pottery. 2,334,507; Nov. 16.
- Bauer, Charles A., Newburg, assignor to The Cardinal Corporation, Evansville, Ind. Shoe heel. 2,328,523; Aug. 31.
- Bauer, Edward G. (See Thompson, A. R., and Bauer.)
- Bauer, Edward G., Hoopeson, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Quality grader. 2,320,335; June 1.
- Bauer, Edward L., assignor to Hastings Manufacturing Company, Hastings, Mich. Composite piston ring. 2,317,580; Apr. 27.
- Bauer, Edward E., Philadelphia, and Anton W. Fraps, Upper Darby, Pa., assignors to General Electric Company. Automatic reclosing circuit breaking system. 2,330,544; Sept. 28.
- Bauer, Ernest K., Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Guide raising device. 2,329,199; Sept. 14.
- Bauer, Frank, assignor to The Milwaukee Chair Company, Milwaukee, Wis. Chair. 2,311,810; Feb. 23.
- Bauer, Fritz, Dessau, and G. Wilmanns, Wolfen, Kreis Bitterfeld, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Sensitizing photographic emulsions. 2,312,068; Feb. 23.
- Bauer, George H., Gary, Ind. Truck. 2,312,377; Mar. 2.
- Bauer, Hans F., Chicago, J. V. Bauer, Elmwood Park, and D. M. Hawley, Geneva, assignors to Stein, Hall Manufacturing Company, Chicago, Ill. Pregummed hanging material. 2,326,118; Aug. 10.
- Bauer, Hans F., and E. F. Glabe, assignors to Stein, Hall Manufacturing Company, Chicago, Ill. Preparation of precooked food products. 2,334,059; Nov. 9.
- Baur, John W. (See Gustafsson, E., and Baur.)
- Bauer, Jordan V. (See Bauer, Hans F. and J. V., and Hawley.)
- Bauer, Jordan V., Elmwood Park, and D. M. Hawley, Geneva, assignors to Stein, Hall Manufacturing Company, Chicago, Ill. Making paper of improved wet strength. 2,309,089; Jan. 26.
- Bauer, Jordan V., Elmwood Park, and D. M. Hawley, Geneva, assignors to Stein, Hall Manufacturing Company, Chicago, Ill. Treatment of paper and the like. 2,309,090; Jan. 26.
- Bauer, Le Roy E., Clinton, Iowa. Seeder. 2,334,376; Nov. 16.
- Bauer, Rudolf, Cologne-Deutz, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Water-soluble condensation product. 2,321,451; June 8.
- Bauer, Russell E., Detroit, Mich. Measuring gauge. 2,325,170; July 27.
- Bauer, Russell E., assignor to Ex-Cell-O Corporation, Detroit, Mich. Steady rest. 2,332,837; Oct. 26.
- Bauer, Russell E., assignor to Ex-Cell-O Corporation, Detroit, Mich. Machine tool coolant temperature control. 2,335,100; Nov. 23.
- Bauer, William G., Brooklyn, Md. Emergency alarm system. 2,325,902; Aug. 3.
- Bauer, William W. (See Gerhart, H. L., and Bauer.)
- Bauchenslund, Paul H., Meriden, Conn., assignor to Chandler-Evans Corporation. Valve for carburetors. 2,331,161; Oct. 5.
- Baughman, George W., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,307,444; Jan. 5.
- Baughman, George W., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Decoding apparatus and method. 2,309,743; Feb. 2.
- Baughman, George W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,315,038; Mar. 30.
- Baughman, George W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,332,963; Oct. 26.
- Baughman, George W., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control apparatus. 2,337,173; Dec. 21.
- Baughman, George W., Swissvale, and N. F. Agnew, Penn. Township, Allegheny County, assignors to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,332,191; Oct. 19.
- Baughman, Harold E., assignor to Aero Publishers, Inc., Glendale, Calif. Loose-leaf binder. 2,325,466; July 27.
- Baukind, Robert H., assignor to Lockheed Aircraft Corporation, Burbank, Calif. Champ. 2,332,363; Oct. 19.
- Baile, Gerhard H. J., Syracuse, assignor to Oswego Falls Corporation, Fulton, N. Y. Bottle cupping machine. 2,314,918; Mar. 30.
- Baile, Werner G., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Washing machine transmission. 2,309,567; Jan. 26.
- Baum, Arthur A. (See Holbrook, G. E., Fox, Baum, and Clem.)
- Baum, Donald H. (See Williams, H. W., Martin, and Baum.)
- Baum, Frank E., Chelmsford, and T. N. D. Phillips, London, England, assignors to Radio Corporation of America. Tuning device for radio apparatus. 2,316,547; Apr. 15.
- Baum, Jasper, Bronx, assignor to Sonotone Corporation, Elmsford, N. Y. Rechargeable storage battery. 2,331,450; Oct. 12.
- Baum, John D., Parma, Ohio. Arch support. 2,312,378; Mar. 2.
- Baumfalk, John, Clifton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,332,290; Oct. 19.
- Baumann, Carl V., Three Rivers, Calif. Automatic fluid temperature regulator. 2,317,717; Apr. 27.
- Bauman, Joseph J., Chicago, Ill., assignor to Kurz-Kash, Inc., Dayton, Ohio. Drinking cup assembly. 2,328,543; Sept. 7.
- Bauman, Thomas S., Toledo, Ohio, assignor to Libbey Glass Company. Apparatus for banding articles. 2,314,474; Mar. 23.
- Baumann, Adolf, Wettingen, assignor to Aktiengesellschaft Brown Boveri & Cie, Baden, Switzerland. Axial flow compressor plant. 2,322,338; June 22.
- Baumann, Henry N., Jr. (See Benner, Raymond C., and Baumann.)
- Baumann, Walter. (See Martin, H., Baumann, and Gysin.)
- Baumbach, Georg, Berlin, Germany; vested in Allen Property Custodian. Electron tube mounting. 2,325,825; Aug. 3.
- Baumgarten, Paul, assignor to Rudson-Wood Inc., New York, N. Y. Vegetable and fruit parer. 2,320,061; May 25.
- Baumgartner, John G., Aurora, Ill. Protector cap. 2,312,069; Feb. 23.
- Baur, John W. (See Gustafsson, E., and Baur.)
- Baur, Paul, Heidenheim-on-the-Brenz, Germany; vested in the Allen Property Custodian. Apparatus for cutting paper sheets. 2,323,003; June 29.
- Baur, Robert A., and B. M. Melvin, Philadelphia, Pa. Candle. 2,308,738; Jan. 19.
- Bausch & Lomb Optical Company. (See Boughton, O. W., and Kurtz, assignors.)

- Bausch & Lomb Optical Company. (See Drescher, Theodore B., assignor.)
- Bausch & Lomb Optical Company. (See Fair, Drury H., assignor.)
- Bausch & Lomb Optical Company. (See Flint, Edward F., assignor.)
- Bausch & Lomb Optical Company. (See Heinicke, Kurt J., assignor.)
- Bausch & Lomb Optical Company. (See Jobe, F. W., and Stegeman, assignors.)
- Bausch & Lomb Optical Company. (See Rayton, Wilbur B., assignor.)
- Bausch & Lomb Optical Company. (See Stegeman, Raymond F. E., assignor.)
- Bausch & Lomb Optical Company. (See Straat, Harold W., assignor.)
- Bausman, Alonzo L., assignor to National Equipment Company, Springfield, Mass. Cooler for hot chocolate and other goods like candies, etc. 2,307,562; Jan. 5.
- Bausman, Alonzo L., Springfield, Mass., assignor, by mesne assignments, to J. H. S., and S. Greenberg, a co-partnership doing business as National Equipment Company, New York, N. Y. Conveyor. 2,310,055; Feb. 2.
- Bausman, Alonzo L., assignor to National Equipment Co., Springfield, Mass. Conveyor for confections for conditioning and other purposes. 2,329,178; Sept. 14.
- Baxendale, Albert P., Brockton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe tree. 2,336,460; Dec. 14.
- Baxter, Don, Inc. (See Cherkin, Arthur, assignor.)
- Baxter, Harold G., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,325,650; Aug. 3.
- Baxter, Harold G., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,332,496; Oct. 26.
- Baxter, Harold G., Wilkensburg, and O. S. Jennings, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,337,784; July 6.
- Baxter, James G., assignor to Distillation Products, Inc., Rochester, N. Y. Purification or concentration of tocopherol. 2,317,353; Apr. 27.
- Baxter Laboratories, Inc. (See Nesset, N. M., and Nawoj.)
- Baxter, William L., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Making shoe lasts. 2,330,260; Sept. 22.
- Baxters (Bolts, Screws & Rivets) Limited. (See Dent, William C., assignor.)
- Bay Chemical Company. (See Andrews, T. M., and Reeves, assignors.)
- Bay Chemical Company. (See Comstock, Rock L., assignor.)
- Bay Chemical Company. (See Lippman, A., Jr., and Comstock, assignors.)
- Bay State Optical Company. (See Nerney, George E., assignor.)
- Bay, Thomas J., United States Navy. Condenser tube protector. 2,310,927; Feb. 16.
- Bay, Thomas J., United States Navy. Condenser tube cleaner. 2,313,042; Mar. 9.
- Bay West Paper Company. (See Vaughan, F. P., Krueger, Syle, and Engel, assignors.)
- Bayer, Abraham H., Schenectady, N. Y., and G. Beyette, West Haven, Conn., assignors to General Ice Cream Corporation, Schenectady, N. Y. Apparatus for bagging confectionery products. 2,336,213; Dec. 7.
- Bayer, Matthew F., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Sofa bed. 2,333,087; Nov. 2.
- Bayer, Otto. (See Doser, A., Bayer, and Hintzmann.)
- Bayer, Otto. (See Nadler, F., Wegler, and Bayer.)
- Bayer, Otto. (See Tischbein, W. R., Nelles and Ruf.)
- Bayer, Richard H., assignor to Fibre Cord Company, division of Kary-Sate Company Inc., New York, N. Y. Strip dispensing carton. 2,332,968; July 13.
- Bayes, William A., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Stud driver. 2,336,157; Dec. 7.
- Baylor, Albert S., Houston, Tex., assignor to Brown Oil Tools, Inc. Controlling wells. 2,307,662; Jan. 5.
- Baylor, Charles E., Sigourney, Iowa. Envelope and stamp moistener. 2,323,064; June 29.
- Bayne, Richard A., Detroit, Mich. Combination fuse and circuit breaker. 2,311,019; Feb. 16.
- Bays, George S., Jr., Baytown, Tex., assignor to Standard Oil Development Company. Refining mineral oils. 2,317,722; Apr. 27.
- Bazant, William. (See Tascher, E. S., and Bazant.)
- Bazell, Jacob, Supton, Staten Island, assignor to International Projector Corporation, New York, N. Y. Film splicing machine. 2,325,651; Aug. 3.
- Beach, Carl M. (See Raebus, E. C., and Beach.)
- Beach, Ralph M. (See Abramowitz, W. L., and Beach.)
- Beachy, Frank, Swissvale, Pa. Window closure. 2,310,672; Feb. 9.
- Beaconfort, Percy, Mobile, Ala. Marine engine governor. 2,329,450; Sept. 14.
- Bead Chain Manufacturing Company, The. (See Kosha, Andrew J., assignor.)
- Beadle, Warren E., Jr., administrator. (See Thiele, W. F., and Beadle, Sr.)
- Beadle, Warren E., Sr. (See Thiele, W. F., and Beadle, Sr.)
- Beadle, Warren E., Sr., assignor to Consolidated Water Power and Paper Company, Wisconsin Rapids, Wis. Coating process. 2,333,629; Nov. 9.
- Beagle, Nathaniel R., Jefferson City, Mo. Fastening device. 2,316,548; Apr. 13.
- Beal, Carl L., and G. L. Winder, Cuyahoga Falls, assignors to American Anode Inc., Akron, Ohio. Tabbed rubber article and making the same. 2,330,330; Sept. 23.
- Beal, Edward W., Wethersfield, assignor to The Gray Manufacturing Company, Hartford, Conn. Volume control system for sound recording machines. 2,333,081; Nov. 2.
- Beal, Herbert S., Ellsworth, Maine. Timing device. 2,335,632; Nov. 30.
- Beale, Charles E., Liverpool, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Telephone system. 2,307,818; Jan. 12.
- Beale, Evelyn S. L., London, England, assignor to Dobble McInnes, Limited, Glasgow. Pressure-recording instrument. 2,308,582; Jan. 19.
- Beall, Herbert W., Sumter, S. C. Pressure producing apparatus. 2,335,474; Nov. 30.
- Beall, Herbert W., Sumter, S. C. Aviator's suit. 2,335,475; Nov. 30.
- Beals, Albert E., Norwich, N. Y. Refrigerating apparatus. 2,322,339; June 22.
- Beam, Calvin M., Asheville, N. C. Illuminating razor handle. 2,309,035; Jan. 19.
- Beam, Vilynn O. (See Higley, F. R. and Beam.)
- Beam, Vilynn O., Cleveland Heights, assignor to The Bryant Heaslop Company, Cleveland, Ohio. Throttling regulator. 2,314,266; Apr. 16.
- Beam, Vilynn O., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve mechanism. 2,322,911; June 29.
- Beam, Vilynn O., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve mechanism. 2,335,913; Nov. 9.
- Beaman, Phineas A., assignor to Morgan Construction Company, Worcester, Mass. Die holder. 2,336,771; Dec. 14.
- Beaman, Townsend F., trustee. (See Snell, Samuel A., assignor.)
- Beaman, Townsend F., Jackson, Mich. Wheel balancing ring. 2,336,920; Dec. 14.
- Beamer, Clayton M. (See Kerns, W. J., and Beamer.)
- Beamer, Clayton M., Roselle, N. J., assignor to Standard Alcohol Company. Distillation process. 2,324,753; July 20.
- Bean, Charles L., San Jose, Calif. Shaft bearing. 2,310,923; Feb. 16.
- Bean, Frederic R., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of a monomethylp-aminophenol. 2,315,922; Apr. 6.
- Bean, Frederic R., assignor to Eastman Kodak Company, Rochester, N. Y. Isalkylidene aminophenol. 2,336,215; Dec. 7.
- Bean, Roscoe D., Ambler, C. B. Moore, Carroll Park, and F. W. Side, assignors to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,307,912; Jan. 12.
- Bean, Rufus N. (See Allen, H., and Bean.)
- Bean, Rufus N., and H. Allen, assignors to Cameron Iron Works, Houston, Tex. System for setting wells to control tubing pressure. 2,336,977; Dec. 14.
- Beanblossom, Joy E., and W. B. Scott, assignors to Hooker Electrochemical Company, Niagara Falls, N. Y. Processes for production of carbon tetrachloride. 2,316,736; Apr. 13.
- Beanblossom, Joy E., and W. B. Scott, assignors to Hooker Electrochemical Company, Niagara Falls, N. Y., a corporation of New York. Processes for production of carbon tetrachloride. 2,316,737; Apr. 13.
- Beard, Bert, Detroit, Mich., assignor to G. M. and E. Holley, Manifold. 2,323,442; July 6.
- Beard, Joseph G., Haddonfield, N. J., assignor to Radio Corporation of America. Inductor. 2,331,101; Oct. 5.
- Beardsley, Arthur C., Arcade, assignor to The Borden Company, New York, N. Y. Apparatus and method for producing dry products. 2,336,461; Dec. 14.
- Beardsley, Elmer O., assignor to The Beardsley & Piper Company, Chicago, Ill. Apparatus for conditioning molding sand. 2,309,036; Jan. 19.
- Beardsley, Guy E., Jr., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Desludging mechanism. 2,330,024; Sept. 21.
- Beardsley, Melville W., Atlanta, Ga. Piston ring gas seal. 2,321,791; June 15.
- Beardsley & Piper Company, The. (See Beardsley, Elmer O., assignor.)
- Beardsley & Piper Company, The. (See Piper, Walter F., assignor.)
- Bearse, Arthur E., Grandview Heights, and R. S. Shutt, Upper Arlington, assignors to Battelle Memorial Institute, Columbus, Ohio. Preparing sulphonium compounds. 2,316,152; Apr. 13.
- Bessecker, Raymond L., Grand Rapids, Mich. Container for assemblies to be bonded. 2,307,985; Jan. 12.
- Bensley, Harold H., Ashton Gate, Bristol, England. Sealing of cartons. 2,321,729; June 15.

- Beasley, Horace H., North Bergen, N. J. Washing machine. 2,311,811; Feb. 23.
- Beasley, John K., et al. (See Bynum, Pink T., assignor.)
- Beattie, Horace S. (See Fuller, F. L., and Beattie.)
- Beattie, John P. (See Hurley, J. R., and Beattie.)
- Beattie, John P., Oak Park, assignor to Electric Household Utilities Corporation, Chicago, Ill. Centrifugal extractor. 2,334,858; Nov. 23.
- Beattie, John P., River Forest, Ill., assignor to Electric Household Utilities Corporation, Chicago, Ill. Agitator construction. 2,334,859; Nov. 23.
- Beattie Products, Inc. (See Phillips, Francis L., assignor.)
- Beatty, Bennie V., Uniontown, Pa., assignor of three-eighths to R. E. Day, and three-eighths to C. B. Harter, Tulsa, Okla. Measuring instrument for determining angles and the like. 2,326,518; Aug. 10.
- Beatty, George W., East Stroudsburg, Pa., assignor to Intertype Corporation, Brooklyn, N. Y. Keyboard mechanism for typographical machines. 2,334,000; Nov. 9.
- Beatty, Lester A., Aenesburg, Colo. Beet toppler and digger. 2,314,681; Mar. 23.
- Beatty, William A., Sidcup, England, assignor to International Standard Electric Corporation. Transmission system employing pulse modulation. 2,328,944; Sept. 7.
- Beatty, William A., and C. T. Scully, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Signaling and communication system. 2,308,639; Jan. 19.
- Beauchamp, George D., Los Angeles, Calif. Stringed musical instrument. 2,310,199; Feb. 9.
- Beauchamp, Wilfred A., Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Sliding car door. 2,310,661; Apr. 13.
- Beaudouin, George J., Kenyon, R. I. Loom warp feed. 2,325,096; July 27.
- Beaumont Birch Company. (See Weiniger, Joseph K., assignor.)
- Beauty Industries, Limited. (See Jopson, William S., assignor.)
- Behringer, Charles N., assignor to LaBrel Conveyor & Manufacturing Company, New Philadelphia, Ohio. Shaker conveyor drive construction. 2,337,174; Dec. 21.
- Bech, John H., Forest Hills, assignor to McCann-Erickson, Incorporated, New York, N. Y. Mileage meter. 2,311,812; Feb. 23.
- Bechik, Michael, St. Paul, Minn. Anchoring device for application to mattress walls. 2,312,379; Mar. 2.
- Bechler, Anré, Moutier, Switzerland. Device for transmitting the movement of a cam to another part of a machine tool. 2,322,340; June 22.
- Bechler, André, Moutier, Switzerland. Device for the axial coupling of two cylindrical parts by means of threads. 2,328,602; Sept. 7.
- Bechman, William O. (See Baker, D. B., and Bechman.)
- Becht, Walter, Stuttgart-Bad Cannstatt, Germany; vested in the Allen Property Custodian. Air blower. 2,317,723; Apr. 27.
- Beck, Erich A., New York, N. Y., and R. E. Cleveland, Waterbury, Conn. Paper pulp screen. 2,311,813; Feb. 23.
- Beck, Francis M., Schenectady, N. Y., assignor to General Electric Company. Safety system. 2,322,560; June 22.
- Beck, Frank E. (See Meyer, W. A., and Beck.)
- Beck, Howard G., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Eye ring clamping machine. 2,337,366; Dec. 21.
- Beck, John M., Gooding, Idaho. Beet topping machine. 2,337,307; Dec. 21.
- Beck, Koller & Company. (See Siegel, Ernst F.)
- Beck, Morris B., Lawrence, N. Y. Fluorescent tube lighting fixture. 2,312,617; Mar. 2.
- Beck, Morris B., Lawrence, N. Y. Fluorescent tube lighting fixture. 2,312,618; Mar. 2.
- Beck, William J., Yonkers, N. Y. Scale. 2,322,813; June 20.
- Beck, William R., assignor to Goodman Manufacturing Company, Chicago, Ill. Coal mine haulage vehicle. 2,336,386; Dec. 7.
- Becke, Friedrich. (See Stoewener, F., Keunecke, and Becke.)
- Becker, Abraham S., and V. I., Los Angeles, Calif. Brassiere. 2,317,664; Apr. 27.
- Becker, Abraham S., and V. I., Los Angeles, Calif. Brassiere. 2,327,488; Aug. 24.
- Becker, Albert, Villingen, Schwarzwald, Germany; vested in the Allen Property Custodian. Collecting folder for filing diaphragm disks. 2,326,919; Aug. 17.
- Becker, Albert W., assignor to Becker Permanent Plate Company, Hartford, Conn. License plate. 2,328,253; Aug. 31.
- Becker, Arman E., Westfield, N. J., assignor to Standard Oil Development Company. Chemical product and producing same. 2,316,117; Mar. 9.
- Becker, Arthur, Berlin-Niederschöneweide, Germany; vested in the Allen Property Custodian. Ground reflector. 2,328,407; Aug. 31.
- Becker, Bernard C., deceased, Canton, Ohio, by Bernice E. Becker, executrix, York, Pa., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,328,184; Aug. 31.
- Becker, Bernard C., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,333,512; Nov. 2.
- Becker, Bernice E., executrix. (See Becker, Bernard C.)
- Becker, Carlheinz, Berlin-Wilmersdorf, Germany; vested in the Allen Property Custodian. Controlling kerr cells. 2,319,289; May 18.
- Becker, Charles F., and H. G. Riepling, Martinez, Calif. Fire hose nozzle. 2,307,014; Jan. 5.
- Becker, Ernest R., Oak Park, Ill., assignor to The Liquid Carbonic Corporation, Chicago, Ill. Conveyor for bottle cleaning and pasteurizing machines. 2,329,687; Sept. 21.
- Becker, George L., Cleveland, Ohio. Layout and checking device. 2,324,476; July 20.
- Becker, Gus E. (See Hopkins, H. H., and Becker.)
- Becker, Gus E., Fresno, assignor of one-half to H. H. Hopkins, San Francisco, Calif. Dredge. 2,308,437; Jan. 12.
- Becker, Henry E., assignor to Amalgamated Engineering & Research Corporation, Chicago, Ill. Filter. 2,330,945; Oct. 5.
- Becker, Howard L., Schenectady, N. Y., assignor to General Electric Company. Telemetering system. 2,321,971; June 15.
- Becker, Joseph, assignor to Koppers Company, Pittsburgh, Pa. Coke oven apparatus. 2,310,921; Feb. 16.
- Becker, Leonard. (See Buchsbaum, H., and Becker.)
- Becker, Leonard, assignor to S. Bucksbaum and Company, Chicago, Ill. Vinyl resin composition and articles of manufacture comprising same. 2,310,889; Feb. 9.
- Becker, Maximilian C., East Orange, and L. N. Crichton, Livingston, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical switch. 2,331,162; Oct. 5.
- Becker, Morris W., New York, N. Y. Swift spoke gripping device for skein supports. 2,335,476; Nov. 30.
- Becker, Oskar W., Heideberg, Germany; vested in the Allen Property Custodian. Process and apparatus for drying and conveying tubular products. 2,307,614; Jan. 5.
- Becker Permanent Plate Company. (See Becker, Albert W., assignor.)
- Becker, Peter, Düsseldorf, Germany; vested in the Allen Property Custodian. Machine for the production of bags and the like. 2,307,907; Jan. 12.
- Becker, Rudolf, Munich-Solln, Germany; vested in the Allen Property Custodian. Process and apparatus for decasifying liquids and washing gases. 2,310,829; Feb. 9.
- Becker, Rudolph, North Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Clutch. 2,318,357; May 4.
- Becker, Rudolph, North Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread-controlling mechanism for sewing machines. 2,325,995; Aug. 8.
- Becker, Rudolph, North Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Safety device. 2,328,524; Aug. 31.
- Becker, Rudolph, North Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread-controlling device. 2,328,705; Sept. 7.
- Becker, Sam B., assignor to Standard Oil Company, Chicago, Ill. Catalytic process. 2,327,489; Aug. 24.
- Becker, Stewart, Schenectady, N. Y., assignor to General Electric Company. Electric translating circuit. 2,324,275; July 13.
- Becker, Victor I. (See Becker, Abraham, S. and V. I.)
- Becker, Walter A., Charlotte, N. C. Box construction. 2,326,281; Aug. 10.
- Becker, Walter A., Chattanooga, Tenn., assignor to Old Dominion Box Company, Lynchburg, Va. Box. 2,332,192; Oct. 19.
- Beckett, Alan L., East Orange, N. J. Cover. 2,314,682; Mar. 23.
- Beckett, Charles M. (See Tomlinson, F. W., and Beckett.)
- Beckett, Gardner W., Jacksonville, Fla. Paper clip. 2,325,903; Dec. 7.
- Beckett, Reginald W., Elyria, Ohio. Apparatus for burning liquid fuel. 2,310,274; Feb. 9.
- Beckett, Reginald W., Elyria, Ohio. Combustion method for oil burners. 2,330,190; Sept. 28.
- Beckett, Reginald W., Elyria, Ohio. Air tube and burner head for oil burners and the like. 2,330,191; Sept. 28.
- Beckman, Edmund S. (See Nystrom, K. F., Beckette, and Green.)
- Beckham, Leland J., Geddes, assignor to The Solvay Process Company, New York, N. Y. Manufacture of organic sulphitation products. 2,313,719; Mar. 16.
- Beckham, Leland J., Geddes, assignor to The Solvay Process Company, New York, N. Y. Derivatives of unsaturated compounds and making. 2,336,387; Dec. 7.
- Beckman, Fred G., Muskogee, Okla. Cleaning wells. 2,312,018; Feb. 23.
- Beckman, Fred G., Muskogee, Okla., and E. F. Edwards, Odessa, Tex. Setting well liners. 2,336,586; Dec. 14.

- Beckman, Richard, assignor of one-half to O. Gries, New York, N. Y. Elastic fluid compressor or motor. 2,324,903; July 20.
- Beckmann, Raymond T., assignor of one-half to R. E. Beckmann, Kiel, Wis. Threshing machine. 2,318,661; May 11.
- Beckmann, Roland E. (See Beckmann, Raymond T., assignor.)
- Beckner, Dwight S., Rushville, Ind. Shielded rotary toothbrush. 2,314,117; Mar. 16.
- Beckstrom, Harry A., Seattle, Wash. Water heater. 2,322,502; June 22.
- Beckwith Manufacturing Company. (See Lovell, Stanley P., assignor.)
- Beckwith, Edwin L., Brookline, and C. P. MacIver, Newton, Mass., assignors to Beckwith Manufacturing Company, Dover, N. H. Scabbard. 2,310,204; Feb. 9.
- Beckwith, Edwin L., Brookline, and C. P. MacIver, Newton, Mass., assignors to Beckwith Manufacturing Company, Dover, N. H. Scabbard or sheath. 2,316,766; Apr. 20.
- Beckwith, Edwin L., Brookline, and C. P. MacIver, Newton, Mass., assignors to Beckwith Manufacturing Company, Dover, N. H. Venetian blinds. 2,325,003; July 20.
- Beckwith Manufacturing Company. (See Beckwith, E. L., and MacIver, assignors.)
- Beckwith Manufacturing Company. (See Heaton, Walter H., assignor.)
- Beckwith Manufacturing Company. (See Sweet, Adelbert P., assignor.)
- Beckwith, Sterling, West Bend, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydrogen-filled apparatus. 2,307,754; Jan. 12.
- Beckwith, Sterling, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Hydrogen-filled apparatus. 2,307,755; Jan. 12.
- Beckwith, Wendell K., assignor to Milwaukee Electric Tool Corporation, Milwaukee, Wis. Valve seat grinder. 2,314,028; Mar. 16.
- Beckwith, Wendell K., Whitewater, assignor to Milwaukee Electric Tool Corporation, Milwaukee, Wis. Chuck. 2,324,130; July 13.
- Beewar, Rudolph A., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Antenna system. 2,319,760; May 18.
- Beewar, Rudolph A., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Radio antenna. 2,321,272; June 8.
- Beewar, Rudolph A., Chicago, Ill., assignor to Galvin Manufacturing Corporation, of Chicago, Ill. Record changer mechanism. 2,328,703; Sept. 7.
- Bedard, Henri, assignor to H. Baribeau, Levis, Quebec, Canada. Spring feeding apparatus. 2,324,901; July 20.
- Bedell, Charles E., Port Richmond, Staten Island, N. Y., assignor to W. L. Pison, Clifton, N. J. Outlet box. 2,320,400; June 1.
- Bedell, Clyde, Park Ridge, Ill. Display booklet. 2,319,200; May 18.
- Bedell, Lester D. (See Dearwester, C. H., and Bedell.)
- Beder, Samuel, New York, N. Y. Holder for phonograph records. 2,332,193; Oct. 19.
- Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Television system. 2,307,188; Jan. 5.
- Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Television system. 2,309,744; Feb. 2.
- Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Synchronizing circuit for television receivers. 2,313,915; Mar. 16.
- Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Television system. 2,315,388; Mar. 30.
- Bedford, Alexander W., Jr., Schenectady, N. Y., assignor to General Electric Company. Condition control system. 2,318,358; May 4.
- Bedford, Leslie H., L. Jofeh, and W. H. Stevens, assignors to A. C. Cosser Limited, London, England. Electrical apparatus. 2,336,837; Dec. 14.
- Bedford Pulp & Paper Company. (See Marcuse, Moses M., assignor.)
- Bedford, William A., Jr., Hingham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Lock nut. 2,314,756; Mar. 23.
- Bedford, William A., Jr., Hingham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Shiftable socket fastening device. 2,322,614; June 22.
- Bedford, William A., Jr., Hingham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener and trim strip and the like. 2,329,688; Sept. 21.
- Bedingfield, Sterling P. (See Kinney, Howard D., assignor.)
- Bednář, Čeněk, Neu-Rausnitz, Moravia; vested in the Alien Property Custodian. Production of artificial skins for sausages, in particular, salami. 2,313,289; Mar. 9.
- Bednarek, Peter C., Chicago, Ill., assignor to Ostermoor & Company, Bridgeport, Conn. Handle for mattresses. 2,330,192; Sept. 28.
- Bee, Joseph R., assignor to Fairbairn Lawson Combe Barbour Limited, Wellington Foundry, Leeds, England. Silver-balling or roll former apparatus. 2,332,364; Oct. 19.
- Beebe, Alan P., Gross Pointe, assignor to Peninsular Grinding Wheel Co., Detroit, Mich. Mechanical movement. 2,332,385; Oct. 19.
- Beebe, Edgar A., Los Angeles, Calif. Phonographic chip remover. 2,310,275; Feb. 9.
- Beebe, Gilbert R., and A. W. Koon, assignors to Columbia Rope Company, Auburn, N. Y. Thread. 2,331,955; Oct. 19.
- Beebe, Murray C., Mount Carmel, assignor to Scovill Manufacturing Company, Waterbury, Conn. Coating metal articles. 2,320,998; June 8.
- Beebe, Murray C., Mount Carmel, assignor to Scovill Manufacturing Company, Waterbury, Conn. Bonding rubberlike plastics and aluminum. 2,320,999; June 8.
- Beebe, Murray C., Mount Carmel, assignor to Scovill Manufacturing Company, Waterbury, Conn. Bonding rubber to aluminum. 2,336,388; Dec. 7.
- Beebe, Murray C., Jr., Glastonbury, assignor to United Aircraft Corporation, East Hartford, Conn. Electric feathering control. 2,333,973; Nov. 9.
- Beebe, Raymond H., Bridgeport, Conn., assignor, by mesne assignments, to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Making coiled coils. Re. 22,252; Jan. 19.
- Beech Aircraft Corporation. (See Duffy, David H., assignor.)
- Beech Aircraft Corporation. (See Wells, T. A., and Gaty, assignors.)
- Beecher, John W., assignor to The Bristol Company, Waterbury, Conn. Recording means. 2,335,633; Nov. 30.
- Beechlyn, John T., assignor to O. S. Walker Co. Inc., Worcester, Mass. Magnetic chuck. 2,333,230; Nov. 2.
- Beech-Nut Packing Company. (See Darrow, Samuel I., assignor.)
- Beech-Nut Packing Company. (See Grant, Donald R., assignor.)
- Beech-Nut Packing Company. (See Martin, William T., assignor.)
- Beech-Nut Packing Company. (See McBean, Douglas M., assignor.)
- Beed, Carl F., assignor to Lockheed Aircraft Corporation, Burbank, Calif. Composite control cable. 2,308,669; Jan. 19.
- Beede, Harry L., Fort Lee, assignor to The Okonite-Cullender Cable Company, Incorporated, Paterson, N. J. Electric cable. 2,315,039; Mar. 30.
- Beede, Walter E., Penacook, N. H. Meter. 2,309,927; Feb. 2.
- Beeg, Hermann, Magdeburg, and K. Weichert, Lenna, Germany; vested in the Alien Property Custodian. Purifying phosphoric acid esters. 2,315,495; Apr. 6.
- Beegle, Daniel C., Kennewick, Wash. Asparagus top cutter. 2,314,439; Mar. 23.
- Beeh, Louis, Long Meadow, Mass. Delivery valve. 2,318,449; May 4.
- Becke, Henry F., and S. A. Young, assignors to Globe Valve Corporation, Delphi, Ind. Universally adaptable combination overflow and remote control drain. 2,327,393; Aug. 24.
- Beckhus, Herman S., Jr., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Drying nitrosyl chloride gas. 2,320,257; May 25.
- Beekley, Henry L., Glen Ellyn, R. H. Gilbert, Oak Park, and R. H. Lacart, Chicago, assignors to The Electramatic Corporation, Valpey. 2,319,578; May 18.
- Beekley, Nathan S., Jr., Westfield, and W. J. Sparks, Cranford, N. J., assignors to Standard Oil Development Company. Rubberlike composition and making the same. 2,332,194; Oct. 19.
- Beekman, Edna I., et al. (See Schmitt, Joseph H., assignor.)
- Beeler, Charles F., Dayton, Ohio. Attic ventilator. 2,337,863; Dec. 28.
- Beene, Harry C. (See Mitchell, D. L. Marks, and Beene.)
- Beene, Harry C., H. Marks, and D. L. Mitchell, Los Angeles, Calif. Test device for oil wells. 2,324,814; July 20.
- Beers, Joseph L., Bloomfield, N. J., assignor to Julius Kayser & Co., New York, N. Y. Carrier bar control mechanism. 2,309,091; Jan. 26.
- Beers, Joseph L., Bloomfield, N. J., assignor to Julius Kayser & Co., Brooklyn, N. Y. Knitting. 2,319,768; May 18.
- Beers, Joseph L., Bloomfield, N. J., assignor to Julius Kayser & Co., Brooklyn, N. Y. Method of and machine for knitting felt fabrics in single unit stocking blanks. 2,319,769; May 18.
- Beers, Joseph L., Bloomfield, N. J., assignor to Julius Kayser & Co., Brooklyn, N. Y. Topping machine. 2,319,770; May 18.
- Beers, Joseph L., Bloomfield, N. J., assignor to Julius Kayser & Co., Brooklyn, N. Y. Single unit full-fashioned stocking. 2,319,771; May 18.
- Beers, Joseph L., Bloomfield, N. J., assignor to Julius Kayser & Co., Brooklyn, N. Y. Hosiery and manufacturing the same. 2,319,772; May 18.
- Beers, William O., Kendallville, Ind., assignor to Kraft Cheese Company, Chicago, Ill. Manufacture of process cheese. 2,325,217; July 27.

- Beeskow, Albert, Brooklyn, assignor to Tropical Chair Co., Inc., New York, N. Y. Collapsible chair. 2,333,761; Nov. 9.
- Beetm, Frank G., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Signal means for battery charging circuits. 2,324,188; July 13.
- Beeton, Earl E., Elizabeth, and H. T. Campbell, Belleville, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Pellet forming apparatus. 2,323,785; July 6.
- Begg, Thomas, Nutley, N. J., assignor to American Can Company, New York, N. Y. Can treating machine. 2,323,100; June 29.
- Beggs, Eugene W., Glen Ridge, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Range surface unit. 2,329,451; Sept. 14.
- Begun, Semi J., Cleveland, Ohio. Magnetic recording and reproducing. 2,327,956; Aug. 24.
- Beh, Warren A., assignor to E. L. du Pont de Nemours & Company, Wilmington, Del. Protection of surfaces. 2,329,179; Sept. 14.
- Behar, Sam, Berwyn, Ill., assignor to A. F. Dornmeyer Mfg. Co. Food mixer support. 2,330,860; Oct. 5.
- Behnisch, Robert. (See Metzsch, F., Klarer, and Behnisch.)
- Behnisch, Robert, Wuppertal Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of phytol bromide. 2,315,580; Apr. 6.
- Behnisch, Robert, Wuppertal Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of chromane compounds. 2,334,743; Nov. 23.
- Behnke, George W., R. G. Westcott, and J. Sandula, assignors to Simplicity Engineering Company, Durand, Mich. Agitating mechanism. 2,311,814; Feb. 23.
- Behnke, Guy E., Oklahoma City, Okla., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Rotary drill cutter. 2,333,407; Nov. 2.
- Behr-Manning Corporation. (See Oglesby, Nicholas E., assignor.)
- Behr-Manning Corporation. (See Oglesby, N. E., Reilly, and Gilbert, assignors.)
- Behr, Walter A., Detroit, Mich. Adjustable spot-facer and boring tool. 2,328,073; Dec. 28.
- Behrend & Rothschild. (See Collier, Claude C., assignor.)
- Behrens, Herbert C., Haddon Heights, assignor to Samuel M. Langston Co., Camden, N. J. Speed control mechanism for cutoffs. 2,320,710; June 1.
- Behrens, Philip H., assignor of one third to C. A. Wilcox, and one third to G. Phillips, Kearney, Neb. Ore concentrator. 2,314,192; Mar. 10.
- Behringer, Frances R., Jackson Heights, N. Y. Infant's garment. 2,325,097; July 27.
- Behrie, Ruth M., Washington, D. C. Adjustable drapery bracket. 2,319,928; Feb. 16.
- Behrman, Abraham S., Chicago, Ill., assignor to Inflico Incorporated. Water softening process. 2,333,142; Nov. 2.
- Behrman, Bertha A. (See Barnbaum, Richard E., assignor.)
- Beich, Paul F., Company. (See Hauser, A. J., and Stalter, assignors.)
- Beiderman, Edward G., assignor to General Motors Corporation, Detroit, Mich. Welding. 2,337,022; Dec. 21.
- Beldier, George C., Rochester, N. Y. Film treating apparatus. 2,337,044; Dec. 28.
- Bell, Forrest F., assignor to Curtis Companies Incorporated, Clinton, Iowa. Ventilator. 2,308,262; Jan. 12.
- Bell, Forrest F., assignor to Curtis Company Incorporated, Clinton, Iowa. Panel construction. 2,311,361; Feb. 16.
- Bell, Forrest F., assignor to Curtis Companies Incorporated, Clinton, Iowa. Window construction. 2,337,633; Dec. 28.
- Bell, William E., and F. Farley, Oklahoma City, Okla. Golf stroke changing mechanism. 2,323,408; Aug. 31.
- Bein, Philip. (See Flanner, J. A., and Bein.)
- Beindorf, Lucien J., La Grange, assignor, by mesne assignments, of forty-five percent to W. H. Hutter, Chicago, Ill. Sphere rotating and controlling apparatus. 2,336,436; Dec. 7.
- Beisel, Eugene L., Jackson, Mich. Method and apparatus for accelerating paramagnetic particles. 2,323,786; July 6.
- Beisel, Rex E. (See Lee, J. G., and Beisel.)
- Beisner, August H., Los Angeles, Calif. Crusher. 2,319,290; May 18.
- Beissinger, Victor J., assignor to Richfield Oil Corporation, Los Angeles, Calif. Gravel packing of wells. 2,325,218; July 27.
- Beitel, Robert J., Jr., assignor to American Optical Company, Southbridge, Mass. Adjustable perimeter target. 2,316,042; Apr. 6.
- Beizer, Harold H., Camden, and L. H. Davis, Haddonfield, N. J., assignors to Radio Corporation of America. Electrical pulse controlling means. 2,320,401; June 1.
- Bejeuhr, Walter, Bronx, assignor to American Turbutor Corporation, New York, N. Y. Rotary device for positive fluid action. 2,327,089; Aug. 17.
- Belanger, John T., Detroit, Mich. Roof fan ventilator. 2,332,552; Oct. 26.
- Belanger, Louis J., Graniteville, Vt. Auxiliary seat structure. 2,320,344; June 1.
- Belar, Herbert, Philadelphia, Pa., assignor to Radio Corporation of America. Sound reproducing apparatus. 2,311,362; Feb. 16.
- Belcher, William E., Mathias, W. Va. Speed recording device. 2,321,273; June 8.
- Belcheitz, Arnold, Kew Gardens, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Catalytic conversion of hydrocarbons. 2,312,230; Feb. 23.
- Belden Manufacturing Company. (See Christensen, M. F., assignor.)
- Belft Foundations Inc. (See Clark, Elizabeth C., assignor.)
- Belforth, George F., Milford, assignor to Draper Corporation, Hopedale, Mass. Picker stop. 2,332,366; Oct. 19.
- Bel Geddes, Norman, New York, N. Y. Tent. 2,317,682; Apr. 27.
- Bellne, Walter E., Englewood, N. J., assignor to York Ice Machinery Corporation, York, Pa. Evaporator. 2,312,312; Mar. 2.
- Bellne, Walter E., Englewood, N. J., assignor to York Ice Machinery Corporation, York, Pa. Evaporator. 2,312,313; Mar. 2.
- Bell Aircraft Corporation. (See Bowers, Herbert L., assignor.)
- Bell Aircraft Corporation. (See Dittmar, William C., assignor.)
- Bell Aircraft Corporation. (See Domonokos, Julius J., assignor.)
- Bell Aircraft Corporation. (See Herget, Marvin C., assignor.)
- Bell Aircraft Corporation. (See Howe, Smith B., assignor.)
- Bell Aircraft Corporation. (See May, K. L., and Williamson, assignors.)
- Bell Aircraft Corporation. (See Plourde, William A., assignor.)
- Bell Aircraft Corporation. (See Salisbury, Frank M., assignor.)
- Bell Aircraft Corporation. (See Salisbury, F. M., and Dufort, assignors.)
- Bell Aircraft Corporation. (See Schwartz, Arthur A., assignor.)
- Bell Aircraft Corporation. (See Tauser, Charles H., assignor.)
- Bell Aircraft Corporation. (See Trotter, John C., assignor.)
- Bell Aircraft Corporation. (See Trotter, J. C., and Jewett, assignors.)
- Bell Aircraft Corporation. (See Trotter, J. C., and Schwellkopf, assignors.)
- Bell Aircraft Corporation. (See Weingartner, Gerald A., assignor.)
- Bell Aircraft Corporation. (See Williams, William W., assignor.)
- Bell Aircraft Corporation. (See Woods, Robert J., assignor.)
- Bell Aircraft Corporation. (See Woods, R. J., and Lane, assignors.)
- Bell Aircraft Corporation. (See Woodson, Omer L., assignor.)
- Bell Aircraft Corporation. (See Zietlow, John F., Jr., assignor.)
- Bell, Albert O. (See Hall, W. P.-G., and Bell.)
- Bell, Alfred B., assignor to Heywood-Wakefield Company, Gardner, Mass. Collapsible chair. 2,310,345; Feb. 9.
- Bell, Alfred B., assignor to Heywood-Wakefield Company, Gardner, Mass. Driver's chair. 2,310,346; Feb. 9.
- Bell, Charles C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Cement spraying unit. 2,310,205; Feb. 9.
- Bell, Charles C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Coating machine. 2,325,098; July 27.
- Bell, Charles W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,333,974; Nov. 9.
- Bell, Curtis M., Berkeley, Calif. Automatic collet chuck. 2,326,322; Aug. 10.
- Bell, David A., London, England, assignor to Radio Patents Corporation. Electrical apparatus. 2,321,353; June 8.
- Bell, David A., and O. H. Davie, London, England, assignors to Radio Patents Corporation. Electrical apparatus. 2,321,354; June 8.
- Bell, David B., Long Beach, assignor to K. F. Lee, Los Angeles, Calif., as trustee. Converting oil. 2,336,056; Dec. 7.
- Bell, David B., Long Beach, assignor to K. F. Lee, Los Angeles, Calif., as trustee. Converting oil. 2,336,057; Dec. 7.
- Bell, Davitt S., Pittsburgh, and B. W. Dunham, assignors to Edgewater Steel Corporation, Oakmont, Pa. Apparatus for rolling internally flanged annuli. 2,307,191; Jan. 5.
- Bell, Floyd M., Milwaukee, Wis. Band saw. 2,307,190; Jan. 5.
- Bell, Harold W., Astoria, Ore. Folding stretcher. 2,335,140; Nov. 23.
- Bell, Harry W., assignor to Durable Mat Company, Seattle, Wash. Marine fender. 2,307,255; Jan. 5.

- Bell & Howell Company, The. (See McNabb, Louis A., assignor.)
- Bell & Howell Company, The. (See Mellor, Lewis L., assignor.)
- Bell & Howell Company, The. (See Phillimore, Charles E., assignor.)
- Bell & Howell Company, The. (See Stechbart, Bruno, assignor.)
- Bell & Howell Company, The. (See Zuber, John G., assignor.)
- Bell, Ivan C., Dallas, Tex. Piston. 2,317,433; Apr. 27
- Bell, James H., Maxwell, Calif. Road material mixer. 2,328,888; Sept. 7.
- Bell John G., Brooklyn, N. Y. Container. 2,336,158; Dec. 7.
- Bell, John W., and A. F. Larsen, assignors of one-third to C. H. Pierce, Seattle, Wash. Garment sizing and shaping form. 2,332,689; Oct. 26.
- Bell, Joseph D., San Francisco, Calif. Convertible bed. 2,326,196; Aug. 10.
- Bell, Joseph D., San Francisco, Calif. Chair bed. 2,328,254; Aug. 31.
- Bell, Joseph D., San Francisco, Calif. Chair bed. 2,328,255; Aug. 31.
- Bell, Joseph T., and C. E. Seacrist, Alliance, Ohio. Dispensing device. 2,329,689; Sept. 21.
- Bell, Keith L., assignor of one-half to C. E. McGhee, Washington, D. C. Signaling apparatus with visual display for fire alarms and the like. 2,332,774; Oct. 26.
- Bell, Keith L., assignor of one-half to C. E. McGhee, Washington, D. C. Plural fire alarm signaling system reproducing sound records. 2,332,775; Oct. 26.
- Bell, Keith L., assignor of one-half to C. E. McGhee, Washington, D. C. Alarm signaling apparatus employing public utility circuits. 2,332,776; Oct. 26.
- Bell, Maurice E., Cambridge, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Brake for rotary anode X-ray tube. 2,332,044; Oct. 19.
- Bell, Maurice E., Wilkesburg, and L. J. Berberich, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Applying luminescent coating. 2,311,513; Feb. 16.
- Bell, Millard R., Cuyahoga Falls, and C. S. Stebbins, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Apparatus for preventing the accumulation of ice. 2,319,968; May 25.
- Bell Punch Company Limited. (See Webb, C. F., and Brewster, assignors.)
- Bell, Robert E., Bridgeton, N. J. Drying machine. 2,308,239; Jan. 12.
- Bell, Rupert B., assignor to King Seeley Corporation, Ann Arbor, Mich. Windshield wiper mechanism. 2,317,245; Apr. 20.
- Bell Telephone Laboratories, Incorporated. (See Abbott, Henry H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Abbott, L. E., and Werring, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Abraham, L. G., Edwards, and Fraenkel, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Allen, Lawrence H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Anderson, Alva E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Anderson, Frithof B., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Ashworth, Joseph A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Atkins, George F., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Babcock, S. M., Horton, and Logan, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Bacon, Walter M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bailey, Arnold B., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Baker, W. C., and Payne, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Bardsley, Joseph R., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bascom, Henry M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bascom, H. M., and Lamberty, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Baumfalk, John, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Berger, Uriah S., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bidwell, C. H., and Koos, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Biggs, Bernard S., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bishop, William S., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bishop, W. M., Depew, Gronroos, and Ronci, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Bjornson, Bjorn G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Black, Harold S., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Blair, Royer R., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bode, Hendrik W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bohman, Vincent F., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Botsford, Nelson, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bouton, G. M., Phipps, and Schumacher, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Bower, Kline E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bown, Ralph, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bredehoff, Harold A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Brown, John T. L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Brown, J. R. C., Jr., and Wooten, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Bryant, Newton W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Budenbom, Horace T., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Bullington, Robert K., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Burgess, Montague S., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Burton, Everett T., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Busch, Aloysius, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Calbeck, Chester J., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Campbell, Thaddeus C., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Christensen, Carl T., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Compton, Kenneth G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Corso, Frank S., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Cory, Samuel L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Curtis, Austen M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Dahlbom, C. A., and Hearn, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Depew, C. Gronroos, and Ronci, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Dickleson, Alton C., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Dickleson, A., and Edwards, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Dickten, Emil, Jr., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Dickten, E., Jr., and Harrison, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Dimond, Thomas L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Dixon, John T., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Doherty, William H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Dowey, T. L., and Lovell, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Drake, Percy B., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Dunlap, Kermit S., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Eagon, L. L., and McKim, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Eckardt, Helmuth, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Edwards, Paul G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Ehrhardt, R. A., and Wright, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Ellis, W. C., and Soudan, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Erwin, Edson L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Espenschied, Lloyd, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Fair, Irvin E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Faley, George J. V., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Fritsch, Walter W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Frosch, Carl J., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Gannett, Danforth K., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Garvin, John S., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Gent, Edgar W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Goff, Harold W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Gorton, William S., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Gray, Cecil R., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Gray, Frank, assignor.)

- Bell Telephone Laboratories, Incorporated. (See Grier-son, Cyrus A. W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hague, Alfred E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Haines, Atwell B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hall, J. A., and Schmied, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Hall, Nathan L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hallam, Cecil A., assignor.)
 Bell Telephone Laboratories, Inc. (See Hampton, L. N., and Smith, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Hansen, Harry, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Harrison, Henry C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Harrison, H. C., and Little, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Haynes, James R., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Head, George A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hecht, G. Lundstrom and Taylor, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Hedberg, Carl A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Henning, Harley A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Herckmans, Alfred, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hibbard, Frank H., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hickman, Clarence N., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hickman, C. N., and Lukatos, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Higgins, William D., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hight, Stuart C., assignor.)
 Bell Telephone Laboratories, Inc. (See Holbrook, Bernard D., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Holden, William H. T., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Holden, W. H. T., and Schimpf, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Holden, W. H. T., Hubbard, Lewis, Mathamer, and Sprague, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Hopper, Andrew L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Horton, Arthur W., Jr., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Howland, Henry, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Howard, John R., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hoyt, Frederick A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hoyt, Leon G., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Hubbard, Francis A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Humphrey, Robert G., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Husta, P., and Wagenseil, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Ingerson, William E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Inglis, Alfred H., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Ingram, Sydney B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See King, Douglas H., assignor.)
 Bell Telephone Laboratories, Inc. (See Insley, Norman, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Ives, Herbert E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Johnson, John B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Johnson, Kenneth S., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Johnson, R. C., and Marting, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Kalb, Robert M., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Keithley, J. P., and Kandel, assignors.)
 Bell Telephone Laboratories, Incorporated. (See King, Douglas H., assignor.)
 Bell Telephone Laboratories, Inc. (See Kinsburg, Boris J., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Knoop, William A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Koehling, Charles D., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Krebs, Luther E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Krumreich, Charles L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Kuhn, John J., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Lang, Wilmarth Y., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Leibe, Frank A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Leveridge, Walter J., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Lewis, Benjamin F., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Lowelley, Frederick B., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Logan, Mason A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Logan, M. A., and Schumpf, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Lovell, Clarence A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Lovell, C. A., and Mallina, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Lovell, C. A., Mallina, and Parkinson, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Lovell, C. A., Mallina, and Vieth, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Lum, George R., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Lundstrom, Alexis A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mahoney, Joseph A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mallina, Andrew F., assignors.)
 Bell Telephone Laboratories, Incorporated. (See Mallina, R. P., and Seigmund, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Mallinckrodt, Charles O., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Maloney, Martin E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mar-ri-son, Warren A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Marshall, Tola A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Martin, William H., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Martins, Arthur S., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mason, Warren P., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mathes, Robert C., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Matte, Andrew L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Matke, Charles F., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Meacham, L. A., and Parker, assignors.)
 Bell Telephone Laboratories, Incorporated. (See McRae, James W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See McWilliams, Charles W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mead, E. D., and Miller, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Melick, John W., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mertz, Pierre, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Milarta, Louis E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Miller, Albert H., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Miller, Ralph L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Miller, Stewart E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mills, Percy E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mitchell, Doran, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mohr, Milton, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Morris, Charles M., assignor.)
 Bell Telephone Laboratories, Inc. (See Morton, E. R., and Stoller, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Mougey, Wilbur E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Mueller, George E., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Müller, K. H., and Ressler, assignors.)
 Bell Telephone Laboratories, Incorporated. (See Neill, Paul, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Nesbitt, Ethan A., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Nordenswan, Robert, assignor.)
 Bell Telephone Laboratories, Incorporated. (See Norton, Edward L., assignor.)
 Bell Telephone Laboratories, Incorporated. (See Norton, Frank R., assignor.)

- Bell Telephone Laboratories, Incorporated. (See Nyquist, Harry, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Oliver, Bernard H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Parkinson, David B., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Pearson, Gerald L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Peek, Robert L., Jr., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Peterson, Eugene, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Pfeiffer, Kenneth W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Phelps, Walter A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Pierce, John E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Pollard, Charles E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Priessman, N. Y., and Whytock, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Pritchard, William T., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Rea, Wilton T., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Rea, W., and Wilkerson, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Reier, George C., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Ressler, Ralph E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Retailack, John B., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Richard, Charles D., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Rienstra, Albert R., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Rigterink, M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Roberts, John G., and Richard, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Rodgers, Karl F., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Roeten, Alfred A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Ronci, Victor L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Samuel, Arthur L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Sandalls, George, Jr., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Scheer, William H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Schimpf, Luther G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Scott, Lyle J., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Shangle, Amos H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Shann, Oscar A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Shepherd, William G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Shope, H. S., and Ulrich, assignors.)
- Bell Telephone Laboratories, Incorporated. (See Skellett, Albert M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Skene, Andrew A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Spahn, Charles F., Jr., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Spencer, Harry H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Stevens, Bruce E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Stibitz, George R., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Stillwell, Albert L., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Stoller, Hugh M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Stover, Herbert F., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Sutton, Stanford M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Swezey, Rudolphe S., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Sykes, Roger A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Teal, Gordon K., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Thurston, George M., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Trenkle, Charles H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Trucksess, David E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Ulrich, Horace W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Van Wynen, Kenneth G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Vieth, Leonard, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Vroom, Edward, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Walder, Victor T., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Walsh, John G., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Walther, Henry, assignor.)
- Bell Telephone Laboratories, Incorporated. (See Watson, Edward E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Willard, Gerald W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Williams, Samuel B., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Winans, Robert C., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Wirsching, Robert E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Wise, Raymond O., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Wrathall, Leishman R., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Wright, Sumner E., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Yager, William A., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Young, Clarence H., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Young, William R., Jr., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Zinn, Company, Electric control system and apparatus. 2,315,923; Apr. 6.)
- Bell, William, Brooklyn, and J. R. Gilbert, New York, N. Y. X-ray contrast composition. 2,307,189; Jan. 5.
- Bell, William D., Columbus, assignor to Anchor-Hocking Glass Corporation, Lancaster, Ohio. Apparatus for sealing containers. 2,309,568; Jan. 26.
- Bell, William E. H., Glenside, assignor to H. W. Butterworth & Sons Company, Philadelphia, Pa. Package dyeing machine. 2,322,743; June 29.
- Bellac, Felix J., New York, N. Y. Lacquer. 2,326,992; Aug. 17.
- Bellar, Oscar, Brooklyn, N. Y. Paper cutter. 2,325,030; July 27.
- Bellis, Glenford L., Elcho, Wis. Golf club head. 2,307,193; Jan. 5.
- Belliveau, Alfred H., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Indicating system. 2,330,356; Sept. 28.
- Bellows, Guy, Jr., Erie, Pa., assignor to General Electric Company, Electric control system and apparatus. 2,315,923; Apr. 6.
- Bellows, Guy, Jr., Erie, Pa., assignor to General Electric Company, Electromagnet. 2,318,359; May 4.
- Belluche, Elmer W. and F. R., assignors to Christensen Machine Company, Racine, Wis. Sheet delivery. 2,318,451; May 4.
- Belluche, Frank R. (See Belluche, Elmer W. and F. R.)
- Belwood, Harriett K. (See Jones, John W., assignor.)
- Belmar Manufacturing Company, The. (See Marble, Malcolm C., assignor.)
- Belmar Manufacturing Company, The. (See Packard, John A., assignor.)
- Belmont Radio Corporation. (See De Cola, Rinaldo, assignor.)
- Belmont Radio Corporation. (See Marholz, R. C., and Plensler, assignors.)
- Belmont Radio Corporation. (See Mattes, H. C., and Wronke, assignors.)
- Belmont Radio Corporation. (See Plensler, Alexander W., assignor.)
- Belock, Harry D., Richmond Hill, assignor to American Teletimer Corp., New York, N. Y. Timing system. 2,318,450; May 4.
- Beloit Iron Works. (See Berry, Earl E., assignor.)
- Beloit Iron Works. (See Berry, E. E., and Hornbostel, assignors.)
- Beloit Iron Works. (See Hornbostel, Lloyd, assignor.)
- Bels, Basil A. (See Mohnen, C. Bels, and Heyer.)
- Belshaw, Charles, Greenville, Mich. Display and storage case. 2,320,556; June 1.
- Belt, Charles B., and D. H. Hallock, Southampton, N. Y. Stretcher. 2,328,409; Aug. 31.
- Belzer, Thomas R., and H. Schiller, Los Angeles, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Solution of metallo-ammonium naphthenates. 2,335,101; Nov. 23.
- Bemis Bro. Bag Co. (See Coakley, L., and Kindseth, assignors.)
- Bemis Bro. Bag Company. (See Ewer, Arthur C., assignor.)
- Bemis Bro. Bag Company. (See Ewer, A. C., Brady, and Hanse, assignors.)
- Bemis Bro. Bag Company. (See Pierce, Robert E., assignor.)
- Bemis, Kenneth E., Oakland, Calif. Apparatus for making semifrozen confections. 2,321,173; June 8.
- Bemis, Kenneth E., Oakland, Calif. Feed and discharge arrangement for conveyers. 2,323,083; June 29.

Bennmann, Rudolf, Leuna, Germany; vested in the Alien Property Custodian. Recovering neutral substances containing oxygen from oils containing such substances. 2,315,182; Mar. 30.

Bennander, George B., Oaklawn, R. I., assignor to The Monowatt Electric Corporation. Electrical connector and manufacturing the same. 2,308,324; Jan. 12.

Benbow, Henry R., New Hartford, assignor to Divine Brothers Company, Utica, N. Y. Budding wheel and making the same. 2,318,986; May 11.

Benbrook, Charles H. (See Klenke, R. H., Park, Benbrook, and Grieb.)

Bench, David E. (See Drummond, F. E., and Bench.)

Bench, David E. (See Wintermute, G. J., and Bench.)

Bench, David E., and M. A. Crosby, Dayton, Ohio, assignors to Apco Mossberg Company, Attleboro, Mass. Measuring apparatus for the inside of bores. 2,325,299; July 27.

Bench, David E., M. A. Crosby, and H. A. Toulmin, Jr., Dayton, Ohio, assignors to The Hydraulic Development Corp., Inc., Wilmington, Del. Multiple turret lathe. 2,330,859; Oct. 5.

Bencowitz, Isaac (See Bacon, R. F., and Bencowitz.)

Bendar, Arthur Z., Ingleside, Ill. Flight position and force indicating instrument. 2,320,505; June 1.

Bender, Byron W. (See Brooks, A. E., and Bender.)

Bender, John, Jr. (See Pearson, H. W., and Bender.)

Bender, Joseph, Jr. (See Hartman, H. L., and Bender.)

Bender, Lloyd F., Waukesha, Wis. Motorcycle seat. 2,320,210; May 25.

Bender, Robert W., Kansas City, Kans., and C. Voigtlander, assignors to Union Wire Rope Corporation, Kansas City, Mo. Material treating machine. 2,328,772; Sept. 7.

Bendix Aviation Corporation. (See Allen, Joseph W., assignor.)

Bendix Aviation Corporation. (See Bailey, Richard S., assignor.)

Bendix Aviation Corporation. (See Berges, Donald M., assignor.)

Bendix Aviation Corporation. (See Bevins, James E., assignor.)

Bendix Aviation Corporation. (See Bevins, J. E., and Konet, assignors.)

Bendix Aviation Corporation. (See Bimberg, Elmer M., assignor.)

Bendix Aviation Corporation. (See Blanchard, Arthur D., assignor.)

Bendix Aviation Corporation. (See Breese, Robert P., assignor.)

Bendix Aviation Corporation. (See Bremser, Albert T., assignor.)

Bendix Aviation Corporation. (See Briechele, A., Hurley, and Merritt, assignors.)

Bendix Aviation Corporation. (See Burnett, Richard T., assignor.)

Bendix Aviation Corporation. (See Buxton, James E., assignor.)

Bendix Aviation Corporation. (See Chappell, R. R., and Colt, assignors.)

Bendix Aviation Corporation. (See Chappell, R. R., Colt, and Streb, assignors.)

Bendix Aviation Corporation. (See Christian, Frank T., assignor.)

Bendix Aviation Corporation. (See Cox, Jerome R., assignor.)

Bendix Aviation Corporation. (See Dnald, Richard, assignor.)

Bendix Aviation Corporation. (See Douglas, Kenneth F., assignor.)

Bendix Aviation Corporation. (See Elkin, Manuel H., assignor.)

Bendix Aviation Corporation. (See Fell, William F., assignor.)

Bendix Aviation Corporation. (See Fields, W. E., and Berry, assignors.)

Bendix Aviation Corporation. (See Finnegan, Martin J., assignor.)

Bendix Aviation Corporation. (See Frank, Frederick C., assignor.)

Bendix Aviation Corporation. (See Frei, Jakob R., assignor.)

Bendix Aviation Corporation. (See Goepfrich, Rudolph A., assignor.)

Bendix Aviation Corporation. (See Good, John, assignor.)

Bendix Aviation Corporation. (See Granjon, Stephane, assignor.)

Bendix Aviation Corporation. (See Gregg, David, assignor.)

Bendix Aviation Corporation. (See Gregg, D., and Lawrence, assignors.)

Bendix Aviation Corporation. (See Heftler, Maurice B., assignor.)

Bendix Aviation Corporation. (See Holmes, Bradford B., assignor.)

Bendix Aviation Corporation. (See Hood, E. Elliott, assignor.)

Bendix Aviation Corporation. (See House, Bryan E., assignor.)

Bendix Aviation Corporation. (See Hurley, Roy T., assignor.)

Bendix Aviation Corporation. (See Jandasek, Joseph, assignor.)

Bendix Aviation Corporation. (See Janes, Clinton S., assignor.)

Bendix Aviation Corporation. (See Johnson, Carl V., assignor.)

Bendix Aviation Corporation. (See Jones, Burr W., assignor.)

Bendix Aviation Corporation. (See Kearney, Daniel P., assignor.)

Bendix Aviation Corporation. (See Kurzina, Stanley B., Jr., assignor.)

Bendix Aviation Corporation. (See Lansing, Raymond P., assignor.)

Bendix Aviation Corporation. (See Lum, George P., assignor.)

Bendix Aviation Corporation. (See MacDuff, Stanley I., assignor.)

Bendix Aviation Corporation. (See MacNell, Charles I., assignor.)

Bendix Aviation Corporation. (See Marshall, John, assignor.)

Bendix Aviation Corporation. (See Martin, Thomas B., assignor.)

Bendix Aviation Corporation. (See Mock, Frank C., assignor.)

Bendix Aviation Corporation. (See Mock, F. C., and Faingold, assignors.)

Bendix Aviation Corporation. (See Nardone, Romeo M., assignor.)

Bendix Aviation Corporation. (See Nelson, Nils W., assignor.)

Bendix Aviation Corporation. (See Nette, H. C., and Taylor, assignors.)

Bendix Aviation Corporation. (See Noxon, Paul A., assignor.)

Bendix Aviation Corporation. (See Peterson, Joel D., assignor.)

Bendix Aviation Corporation. (See Price, Earl R., assignor.)

Bendix Aviation Corporation. (See Price, H. W., and Krieg, assignors.)

Bendix Aviation Corporation. (See Rand, Henry J., assignor.)

Bendix Aviation Corporation. (See Raskhodoff, Nicholas M., assignor.)

Bendix Aviation Corporation. (See Reichel, Wladimir A., assignor.)

Bendix Aviation Corporation. (See Schachenman, Walter H., assignor.)

Bendix Aviation Corporation. (See Schwenn, Kurt R., assignor.)

Bendix Aviation Corporation. (See Sekella, Michael, assignor.)

Bendix Aviation Corporation. (See Smith, Stuyvesant, assignor.)

Bendix Aviation Corporation. (See Smith, Wesley L., assignor.)

Bendix Aviation Corporation. (See Stuart, Alfred A., Jr., assignor.)

Bendix Aviation Corporation. (See Tognola, Tullio, assignor.)

Bendix Aviation Corporation. (See Van Ness, H. E., and MacBlane, assignors.)

Bendix Aviation Corporation. (See Walpole, Harry J., assignor.)

Bendix Aviation Corporation. (See Webster, Sidney H., assignor.)

Bendix Aviation Corporation. (See White, John W., assignor.)

Bendix Aviation Corporation. (See White, J. W., and Pontus, assignors.)

Bendix Aviation, Ltd. (See White, J. W., and Harrison, assignors.)

Bendix Aviation Corporation. (See Winkler, Albert H., assignor.)

Bendix Aviation Corporation. (See Wirth, Emil O., assignor.)

Bendix Aviation Corporation. (See Zwack, Raymond T., assignor.)

Bendix Aviation, Ltd. (See Miller, Charles E., assignor.)

Bendix Aviation, Ltd. (See Trautman, Walter C., assignor.)

Bendix Home Appliances, Inc. (See Barrett, Rex E., Jr., assignor.)

Bendix Home Appliances, Inc. (See Bowen, Herbert C., assignor.)

Bendix Home Appliances, Inc. (See Oliver, Wallace F., assignor.)

Bendix Home Appliances, Inc. (See Porter, Howard C., assignor.)

Bendix Home Appliances, Inc. (See Porter, H. C., and Schulz, assignors.)

Bendix Home Appliances, Inc. (See Sisson, K. O., and Bowyer, assignors.)

Bendix, Vincent, South Bend, Ind., assignor, by mesne assignments, to Langley Aviation Corporation, New York, N. Y. Veneer press. 2,331,296; Oct. 12.

Bendix, Vincent, South Bend, Ind., assignor, by mesne assignments, to Langley Aviation Corporation, New York, N. Y. Veneer press. 2,331,297; Oct. 12.

Bendix-Westinghouse Automotive Air Brake Company. (See Casler, Roger H., assignor.)

- Bendix-Westinghouse Automotive Air Brake Company. (See Casler, R. H., and Vorech, assignors.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Eaton, Wilfred A., assignor.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Eaton, W. A., and Casler, assignors.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Fitch, Ellery R., assignor.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Humphrey, Homer D., assignor.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Sanford, Roy S., assignor.)
- Bendix-Westinghouse Automotive Air Brake Company. (See Williams, Herbert J., assignor.)
- Bendon, Harry, Yeadon, and H. N. McMenimen, Philadelphia, Pa., said Bendon assignor to said McMenimen, Automatic check-stop. 2,329,240; Sept. 14.
- Benecke, Heinrich, Berlin, Germany; vested in the Alien Property Custodian. Sound absorbing or attenuant arrangement for reverberant rooms. 2,335,728; Nov. 30.
- Benedict, Edward L., assignor, by mesne assignments, to Crown Can Company, Philadelphia, Pa. Can intended particularly for frozen products. 2,332,553; Oct. 26.
- Benedict, Edward L., assignor to Elb Products, Inc., New York, N. Y. Machine for plaiting. 2,314,757; Mar. 23.
- Benedict, Wayne L., assignor to Universal Oil Products Company. Treating hydrocarbon distillate. 2,317,600; Apr. 27.
- Benedict, Wayne L., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic treatment of hydrocarbons. 2,319,199; May 18.
- Benedict, Wayne L., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion process. 2,321,972; June 15.
- Benedict, Wayne L., assignor to Universal Oil Products Company, Chicago, Ill. Catalyst manufacture. 2,326,323; Aug. 10.
- Benedict, Wayne L., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbons. 2,328,773; Sept. 7.
- Bendz, Waldemar, Arlington, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Magnetic contactor. 2,310,056; Feb. 2.
- Benfer, Richard W., Los Angeles, Calif., assignor to Western Electric Company, Incorporated. Sound recorder monitoring means. 2,318,138; May 4.
- Bence's Limited. (See Thornley, B. D., and Hilton, assignors.)
- Bengner, Erwin, Breslau, Germany; vested in the Alien Property Custodian. Game of skill. 2,308,263; Jan. 12.
- Benloff, Hugo, La Canada, Calif., assignor to The Baldwin Company, Cincinnati, Ohio. Transducer for stringed musical instruments. 2,334,744; Nov. 23.
- Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Agricultural implement. 2,309,158; Jan. 26.
- Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Tractor planter. 2,320,169; May 25.
- Benjamin, Bert R., Oak Park, and H. J. Mott, Maywood, Ill., assignors to International Harvester Company. Tractor. 2,320,168; May 25.
- Benjamin, Bert R., Oak Park, Ill., assignor to International Harvester Company. Power lift mechanism for tractors. 2,327,853; Aug. 24.
- Benjamin, Claude A. (See Smith, Jacob A., assignor.)
- Benjamin Electric Mfg. Company. (See Phillips, Paul D., assignor.)
- Benjamin, George W. (See Holmes, A. W., Benjamin and Young.)
- Benjamin, Harry S., Poughkeepsie, N. Y. Coin-controlled machine. 2,312,793; Mar. 2.
- Benjamin, Harry S., Poughkeepsie, N. Y. Apparatus for controlling the condition of operation of vehicles or the like. 2,313,503; Mar. 9.
- Benjamin, Harvey S., Poughkeepsie, N. Y. Free service coin-controlled machine. 2,310,206; Feb. 9.
- Benjamin, Sidney H., Milwaukee, Wis. Safety razor blade. 2,322,744; June 29.
- Benjamin, Sidney H., Milwaukee, Wis. Safety blade ejector. 2,330,806; Oct. 5.
- Benjamin, Sidney H., Milwaukee, Wis. Razor blade magazine. 2,330,861; Oct. 5.
- Benjamin, Walter E., assignor to Pierce Governor Company, Anderson, Ind. Wide range centrifugal governor. 2,317,022; Apr. 20.
- Benjamin, Walter R., Granite City, Ill. Air gun. 2,331,163; Oct. 5.
- Benjamins, Israel, Brooklyn, N. Y. Airplane. 2,332,045; Oct. 19.
- Benner, Miles C. (See Lochhead, John L.)
- Benner, Paul B. (See Gustafson, C. A., and Benner.)
- Benner, Philip E. (See Maston, C. R., and Benner.)
- Benner, Raymond C. (See Melton, R. L., Ball, and Benner.)
- Benner, Raymond C. (See Melton, R. L., and Benner.)
- Benner, Raymond C., assignor to The Carburendum Company, Niagara Falls, N. Y. Grinding and polishing glass and apparatus therefor. 2,309,819; Feb. 2.
- Benner, Raymond C. (See Ball, A. L., Benner, and Melton.)
- Benner, Raymond C., and H. N. Baumann, Jr., assignors to The Carburendum Company, Niagara Falls, N. Y. Abrasive. 2,318,360; May 4.
- Benner, Roland G. (See Gubelmann, I., and Benner.)
- Benner, Russell E., Middletown, Conn. Shaving device. 2,314,068; Mar. 16.
- Bennes, Charles D., assignor to Technicolor Motion Picture Corporation, Los Angeles, Calif. Cinematography. 2,330,796; Oct. 5.
- Bennett, Alva H., Kenmore, and R. S. Estey, Buffalo, assignors to Spencer Lens Company, Buffalo, N. Y. Colorimeter. 2,310,608; Feb. 9.
- Bennett, Alva H., Kenmore, and R. S. Estey, assignors to Spencer Lens Company, Buffalo, N. Y. Optical instrument. 2,328,603; Sept. 7.
- Bennett, Alva H., Kenmore, and R. S. Estey, assignors to Spencer Lens Company, Buffalo, N. Y. Telescope objective and method of making same. 2,330,663; Sept. 28.
- Bennett, Arthur W. (See Roberts, F., and Bennett.)
- Bennett, Charles A. (See Gaus, G. E., Bennett, and Ross.)
- Bennett, Charles E., Ridgewood, assignor to The Okonite Company, Passaic, N. J. Apparatus for heat curing materials such as rubber compounds, plastics, etc. 2,323,191; June 29.
- Bennett, Charles E., Ridgewood, assignor to The Okonite Company, Passaic, N. J. Process of and apparatus for the heat curing of materials. 2,333,143; Nov. 2.
- Bennett, Charles E., Ridgewood, and F. C. Meyer, Wyckoff, assignors to The Okonite-Caldender Cable Company, Incorporated, Paterson, N. J. Method of forming dams. 2,320,506; June 1.
- Bennett, Claude C., South Bend, Ind. Remote control mechanism. 2,332,690; Oct. 26.
- Bennett, Claude C., South Bend, Ind. Dynamometer. 2,336,838; Dec. 14.
- Bennett, Claude C., South Bend, Ind., assignor to A. E. Feragen, Inc., Seattle, Wash. Wheel balancing apparatus. 2,319,655; May 18.
- Bennett, Claude C., South Bend, Ind., assignor to A. E. Feragen, Inc., Seattle, Wash. Brake testing apparatus. 2,327,617; Aug. 24.
- Bennett, David E. Jr., and S. S. Fierke, assignors to Eastman Kodak Company, Rochester, N. Y. Dispersing coloring materials in water swellable colloids. 2,311,020; Feb. 16.
- Bennett, Edward J. (See Levison, C., Johnson, and Bennett.)
- Bennett, Emmett L., Cincinnati, Ohio. Clip and clip board. 2,329,974; Sept. 21.
- Bennett, Fred L. (See Kottmann, A. A., Bennett, and Keck.)
- Bennett, Harold F., assignor to Eastman Kodak Company, Rochester, N. Y. Telephoto objective. 2,321,973; June 15.
- Bennett, Harold F., assignor to Eastman Kodak Company, Rochester, N. Y. Lens attachment. 2,324,057; July 13.
- Bennett, Harold F., assignor to Eastman Kodak Company, Rochester, N. Y. Telephoto objective. 2,327,759; Aug. 24.
- Bennett, Hubert, United States Army. Plotting device. 2,331,298; Oct. 12.
- Bennett Incorporated. (See Eaton, Charles F., assignor.)
- Bennett Incorporated. (See Porter, Rotheus B., Jr., assignor.)
- Bennett, James A. J., Esher, England, assignor to Autogiro Company of America. Helicopter. 2,317,340; Apr. 27.
- Bennett, James A. J., Esher, England, assignor to Autogiro Company of America, Willow Grove, Pa. Helicopter and methods of operating same. 2,317,341; Apr. 27.
- Bennett, Owen G., and A. Van Andel, Forest Hills, Pa., assignors to Carbon Monoxide Eliminator Corp., Pittsburgh, Pa. Oxidation catalyst. 2,330,664; Sept. 28.
- Bennett, Racy D., assignor to Vinco Corporation, Detroit, Mich. Feed control and deceleration valve. 2,321,000; June 8.
- Bennett, Reuel W. (See Hancock, V. H., and Bennett.)
- Bennett, Roland, Westminster, London, England. Pressure controlled system. 2,338,021; Dec. 28.
- Bennett, Stevens A., Chicago, Ill. Container closure. 2,323,443; July 6.
- Bennett, Thomas A., assignor to United States Rubber Company, New York, N. Y. Conveyor belt. 2,309,928; Feb. 2.
- Bennett, Thomas F., Joplin, Mo., assignor to Hercules Powder Company, Wilmington, Del. Explosive cartridge assembly. 2,317,354; Apr. 27.
- Bennett, Willard H., assignor, by mesne assignments, to Games Slayter, Newark, Ohio. Apparatus for conversion of energy. 2,327,588; Aug. 24.
- Bennett, Willard H., assignor, by mesne assignments, to Games Slayter, Newark, Ohio. Electric discharge device. 2,333,145; Nov. 2.
- Bennett, Willard H., assignor, by mesne assignments, to Games Slayter, Newark, Ohio. Method and apparatus for indicating storm areas. 2,333,975; Nov. 9.

- Bennett, Willard H., assignor, by mesne assignments, to G. Slayter, Newark, Ohio. Electric discharge system. 2,334,377; Nov. 16.
- Bennett, Willard H., and R. Meagher, assignors, by mesne assignments, to G. Slayter, Newark, Ohio. Method and apparatus for discharging electricity from aircraft. 2,333,144; Nov. 2.
- Bennett, William C., West Chester, and W. Melas, assignors to Cochrane Corporation, Philadelphia, Pa. Metering system. 2,318,280; May 4.
- Bennett, William C., Chicago, Ill. Pneumatic tire tread augmenting means. 2,322,412; June 22.
- Benning, Anthony F., Woodstown, N. J., and J. D. Park, assignors to Kinetic Chemicals, Inc., Wilmington, Del. Fluorine compounds. 2,336,921; Dec. 14.
- Benning, Wilbert O., Los Angeles, Calif., assignor to Pacific Clay Products Company. Tile sagger unloading apparatus. 2,307,194; Jan. 5.
- Benningshofen, Paul, et al., trustees. (See Waechter, Harry J., assignor.)
- Bennis, Alfred William, Little Hulton, Bolton, England. Water tube wall of steam generator furnaces. 2,336,339; Dec. 7.
- Beno, Norman J., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Scratch resistance testing machine. 2,311,430; Feb. 16.
- Benovist, Louis, San Francisco, Calif. Building structure. 2,337,224; Dec. 21.
- Benoit, Edouard LeB., Brooklyn, N. Y. Dedicating apparatus. 2,330,545; Sept. 28.
- Benoit, Joseph P., Alton, Ill., assignor to Owens Illinois Glass Company. Glass blowing machine. 2,314,303; Mar. 16.
- Benolt, Leon. (See Coyle, Joseph L., assignor.)
- Benotti, Norbert. (See Brown, E. A., and Benotti.)
- Bens, Samuel J., Stamford, Conn. Game device. 2,323,291; July 6.
- Benschoter, Lewis J., assignor to Eldon H. Young, Toledo, Ohio, as trustee. Bottle valve manufacture. 2,335,634; Nov. 26.
- Bensel-Brice Corporation. (See Bensel, Duryea, assignor.)
- Bensel, Duryea, Los Angeles, Calif., assignor, by mesne assignments, to American Can Company, New York, N. Y. Paperboard container. 2,317,375; Apr. 27.
- Bensel, Duryea, assignor to Bensel-Brice Corporation, Los Angeles, Calif. Preserving foods. 2,320,982; June 1.
- Bensin, Igor B., Schenectady, N. Y., assignor to General Electric Company. Starting switch. 2,332,492; Oct. 19.
- Benson, Bernhart A., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Washing machine. 2,300,617; Jan. 26.
- Benson, Bernhart A., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric washing machine. 2,313,684; April 6.
- Benson, Edward B., assignor to The Benson Manufacturing Company, Kansas City, Mo. Spinner. 2,328,185; Aug. 31.
- Benson, George O., Niagara Falls, N. Y. Adjustable mast. 2,327,990; Aug. 31.
- Benson, George O., Niagara Falls, N. Y. Fish reel. 2,333,632; Nov. 9.
- Benson, Gerald L., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Pneumatic tire assembly. 2,316,549; Apr. 13.
- Benson, John S., Culver City, Calif. Weather strip. 2,321,730; June 15.
- Benson Manufacturing Company, The. (See Benson, Edward B., assignor.)
- Benson, Roid C., Camden, N. J., and N. H. Mageoch, Manoa, assignors to Philadelphia Gear Works, Inc., Philadelphia, Pa. Valve control. 2,315,380; Mar. 30.
- Benson, Ronald C., Merchantville, and W. F. Plume, Audubon, N. J., assignors to Philadelphia Gear Works, Inc., Philadelphia, Pa. Valve control. 2,319,842; May 25.
- Bent, Franklin, assignor to J. M. Bales, Los Angeles, Calif. Fish tank filter. 2,320,906; June 1.
- Bent, Franklin A. (See Marple, E. E., and Bent.)
- Bent, Franklin A., Berkeley, and F. G. Byrne, Oakland, assignors to Shell Development Company, San Francisco, Calif. Plasticized resins and preparation thereof. 2,327,007; Aug. 17.
- Bent, Leavitt N., assignor to Hercules Powder Company, Wilmington, Del. Preparing filaments. 2,336,159; Dec. 7.
- Bentley, Byron R. (See Bacon, Chester R., assignor.)
- Bentley, George P., Wollaston, and F. S. Carpenter, Watertown, assignors to Waltham Watch Company, Waltham, Mass. Electric alarm clock. 2,335,904; Dec. 7.
- Bentley, Oliver D. H., Norfolk, Mass. Oil cooler. 2,309,296; Jan. 26.
- Bentley, Oliver D. H., Norfolk, assignor to B. F. Sturtevant Company, Boston, Mass. Thrust bearing. 2,319,913; May 25.
- Bentley, Ora W., et al. (See Bentley, O. W., and Stover, assignors.)
- Bentley, Ora W., and C. L. Stover, assignors to O. W. Bentley, doing business as Northwest Toro Co., Seattle, Wash. Road brush. 2,330,025; Sept. 21.
- Bentley, Robert H., assignor to The Arrow-Hart & Hege-man Electric Company, Hartford, Conn. Slow make and break switch. 2,336,389; Dec. 7.
- Benton, Arnett E. (See Pendergrast, A. H., and Benton.)
- Benton, Harold Z., Glencoe, and L. P. Morris, assignors to Crowe Name Plate & Manufacturing Co., Chicago, Ill. Radio tuning apparatus. 2,333,355; Nov. 2.
- Benton, Kenneth H., Pittsfield, Mass., assignor to General Electric Company. Electrical protective device. 2,325,935; Aug. 3.
- Benz, Fritz. (See Hartmann, M., and Benz.)
- Benz, George R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Ratio regulator. 2,329,323; Sept. 14.
- Benz, George R., and H. R. Ziegler, Detroit, Mich., assignors to Phillips Petroleum Company. Apparatus for storing fluids underground. 2,316,308; Apr. 13.
- Benz, Leonhardt V., Mobile, Ala. Refrigerator compressor. 2,313,214; Mar. 9.
- Benzel, Howard A., Marilla, assignor to Scott Aviation Corporation, Lancaster, N. Y. Valve. 2,332,288; Nov. 2.
- Benziel, Alexander, and H. C. Ruch, Milwaukee, assignors to Nash-Kelvinator Corporation, Kenosha, Wis. Seat construction. 2,324,902; July 20.
- Berch, Leo J. (See Bell, M. E., and Berberich.)
- Berberich, Leo J. (See Hill, C. F., and Berberich.)
- Berberich, Leo J., Forest Hills, and J. Swiss, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Plastic compositions. 2,333,513; Nov. 2.
- Berby, Ola L., assignor to Clyde Iron Works, Duluth, Minn. Chisel. 2,317,171; Apr. 20.
- Berch, Samuel H., Beverly Hills, assignor to Flexible Container Corporation, Los Angeles, Calif. Package for milk and other fluid products. 2,337,730; Dec. 28.
- Berechet, Gerard J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric sulphoniamide. 2,321,800; June 15.
- Berechet, Gerard J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric sulphoniamide. 2,321,891; June 15.
- Berechet, Gerard J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Isocyanate treatment of polyamides. 2,333,914; Nov. 9.
- Berck, William F., Haywood, assignor to R. N. Brodie Company, Oakland, Calif. Proset quantum and reset quantity counter. 2,310,347; Feb. 9.
- Berch, Sophie, assignor to Lily of France Corset Company, Inc., New York, N. Y. Brassiere. 2,324,669; July 20.
- Beregh, Theodore J., Patchogue, N. Y. Static eliminator. In printing. 2,322,695; Aug. 24.
- Berendt, Carl. (See Demarest, D. D., Berendt, and Karius.)
- Berenson, Henry J., assignor to Mueller Can & Tube Co., St. Paul, Minn. Powder sprayer. 2,315,581; Apr. 6.
- Beresky, John, Brooklyn, N. Y. Gun sighting means. 2,316,929; Feb. 16.
- Beresky, John, Brooklyn, N. Y. Gun sighting means. 2,333,514; Nov. 2.
- Beretish, William H., assignor to Stewart-Warner Corporation, Chicago, Ill. Hydraulic motor head lift. 2,327,008; Aug. 17.
- Berg, Edward C., Chicago, assignor to Ace Carton Corporation, Cicero, Ill. Shipping and display carton. 2,313,718; Mar. 16.
- Berg, Edward C., Chicago, assignor to Ace Carton Corporation, Cicero, Ill. Shipping and display carton. 2,318,452; May 4.
- Berg, Edwin V. (See McCorkle, J. T. R., and Berg.)
- Berg, Elaine, Chicago, Ill. Ear protector for hair nets. 2,319,656; May 18.
- Berg, Emil G., Erie, Pa. Electrical shaving device. 2,323,084; June 29.
- Berg, Hans S., Ventura, Calif. Bearing packer. 2,309,820; Feb. 2.
- Berg, John C. (See Ingobrigtsen, Mathens O., assignor.)
- Berg, Leo F., Oak Park, Ill., assignor to Edison General Electric Appliance Company, Inc. Illuminating means. 2,313,506; Mar. 9.
- Berg, Martin, Brooklyn, N. Y. Game. 2,309,494; Jan. 26.
- Berg, Martin, Brooklyn, N. Y. Pocket tool. 2,327,090; Aug. 17.
- Berg, Quentin, Havre de Grace, Md., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,330,665; Sept. 28.
- Berg, Quentin, Havre de Grace, Md., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,333,460; Nov. 2.
- Berg, Quentin, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,335,377; Nov. 30.
- Berg, William M., New York, N. Y. Reducing apparatus. 2,333,231; Nov. 2.
- Berge, Edwin H. (See Breckheimer, Raymond J., assignor.)
- Berge, Godshalk, assignor to Johnson Laboratories, Inc., Chicago, Ill. Ceramic insulating material and producing the same. 2,328,410; Aug. 31.
- Bergen, Von M., Huntington Park, Calif. Milk container. 2,324,670; July 20.
- Berger, Adolph, New York, N. Y. Mutoscope. 2,317,881; Apr. 27.

- Berger, Benjamin S., Hewlett, assignor to Philip Florin, Inc., New York, N. Y. Key holder. 2,330,546; Sept. 28.
- Berger Brothers Company, The. (See Loeffel, Lester H., assignor.)
- Berger, Carl W., McPherson, assignor to Globe Oil and Refining Company, Wichita, Kans. Refining hydrocarbon oils. 2,318,582; May 11.
- Berger, Carl W., McPherson, Kans., assignor to Globe Oil & Refining Company, Lemont, Ill. Hydrocarbon treatment. 2,334,378; Nov. 16.
- Berger, Clayton, New Hamburg, Ontario, Canada. Hockey stick. 2,334,860; Nov. 23.
- Berger, Emil J., Hatfield, and H. W. Matthews, assignors to Dextdale Hosiery Mills, Lansdale, Pa. Textile treating apparatus. 2,321,452; June 8.
- Berger, Emric. (See Gwinn, J. M., Jr., and Berger.)
- Berger, George. (See Abrams, M., and Berger.)
- Berger, George G., New York, N. Y. Apparatus for molding granular cork material and other material into annular rings, collars, and other hollow shapes. 2,327,241; Aug. 17.
- Berger, Hans H. (See Cusack, C. E., and Berger.)
- Berger, Henry G. (See Badertscher, D. E., Berger, and Seger.)
- Berger, Henry G. (See Goodloe, P. M., and Berger.)
- Berger, Henry G. (See Pratt, M. F., and Berger.)
- Berger, Henry G. (See Waldo, P. G., Goodloe, and Berger.)
- Berger, Henry G., Woodbury, L. A. Hamilton, Wenonah, and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Dielectric or insulating oil. 2,326,324; Aug. 10.
- Berger, Henry G., Woodbury, and F. M. Seger, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricant composition. 2,329,324; Sept. 14.
- Berger, Hermann, and F. Herriger, Berlin, Germany, vested in the Allen Property Custodian. Electric wave amplifier. 2,313,008; Mar. 2.
- Berger, Irving, New York, N. Y. Milk safe. 2,312,745; Mar. 2.
- Berger, Jakob. (See Gottfried, Louis, assignor.)
- Berger, Martin M., New York, N. Y., and J. Sharenow, Bloomfield, assignors of five-tenths to said Berger, three-tenths to said Sharenow and two-tenths to B. H. Golob, North Bergen, N. J. Ggar vending machine. 2,311,632; Feb. 23.
- Berger, Rudolph, and H. N. Ricket, assignors to The American Specialty Company, Amherst, Ohio. Apparatus for washing vegetables. 2,331,164; Oct. 5.
- Berger, Ruth, San Francisco, Calif. Supporting device. 2,309,297; Jan. 26.
- Berger, Uriah S., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Two-way telephone system. 2,332,430; Oct. 19.
- Bergeron, Alvin W. (See Croft, C. M., Bergeron, and Dodge.)
- Bergeron, Lawrence G. (See Brewer, R. S., and Bergeron.)
- Berges, Donald M., Tenafly, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Valve. 2,308,533; Jan. 19.
- Bergesch, August W., St. Louis, Mo. Fastener for storm windows and the like. 2,314,967; Mar. 30.
- Berggren, George E., and O. G. Nelson, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Strand twisting apparatus. 2,331,048; Oct. 12.
- Berggren, Per J., New York, N. Y. Crayon. 2,327,854; Aug. 24.
- Berglin, Thomas G., New Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Processing wire. 2,309,745; Feb. 2.
- Bergin, William M., Granville, and A. L. Simison, Newark, assignors, by mesne assignments, to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Producing inorganic fibrous material. 2,335,102; Nov. 23.
- Berghand, Paul, et al. (See Carlson, James E., assignor.)
- Bergman, Charles P., San Francisco, Calif., and M. Cornell, Cleveland, Ohio, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Repeat valve shutoff system. 2,321,062; June 8.
- Bergman, Charles P., San Francisco, Calif., and M. Cornell, Cleveland, Ohio, assignors, by mesne assignments, to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Repeating mechanical valve shut-off system. 2,325,732; Aug. 3.
- Bergman, Donald J., assignor to Universal Oil Products Company, Chicago, Ill. Expansion joint. 2,335,478; Nov. 30.
- Bergmann, Adolph G., Ansonia, Conn. Muffler. 2,317,246; Apr. 20.
- Bergmann, Armin, Pinnberg, Germany; vested in the Allen Property Custodian. Apparatus for the manufacture of artificial sausage skins. 2,326,920; Aug. 17.
- Bergmann, Ernst. (See Zondek, B., and Bergmann.)
- Bergmann, Ernst, F. Bergmann, and L. Haskelberg, Rehoboth, Palestine. Lipophilic substance. 2,308,640; Jan. 19.
- Bergmann, Ernst R., Evergreen Park, assignor to Goodman Manufacturing Company, Chicago, Ill. Feeding mechanism for shaker conveyers. 2,317,172; Apr. 20.
- Bergmann, Ernst R., Evergreen Park, assignor to Goodman Manufacturing Company, Chicago, Ill. Trough supporting means for shaker conveyers. 2,331,956; Oct. 19.
- Bergmann, Ernst R., Evergreen Park, assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,332,431; Oct. 19.
- Bergmann, Ernst R., Evergreen Park, assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer trough supporting and connecting means. 2,335,477; Nov. 30.
- Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,330,946; Oct. 5.
- Bergmann, Felix. (See Bergmann, Ernst and Felix, and Haskelberg.)
- Bergmann, Richard F. (See Torrence, G. P., Bergmann, and Knebusch.)
- Bergmann, Richard F., Lakewood, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Method of and apparatus for manufacturing thread or the like. 2,309,821; Feb. 2.
- Bergmann, Richard F., Lakewood, and C. C. Walters, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for processing thread. 2,321,541; June 8.
- Bergmann, William W. (See Fon Dersmith, C. R., and Bergmann.)
- Bergstein, David, trustee, et al. (See Bergstein, Samuel, assignor.)
- Bergstein, Frank D., et al., trustee. (See Bergstein, Samuel, assignor.)
- Bergstein, Robert M., trustee, et al. (See Bergstein, Samuel, assignor.)
- Bergstein, Samuel, Cincinnati, Ohio, assignor to R. M. Bergstein and F. D. Bergstein, trustees. End closure for industrial bodies. 2,307,913; Jan. 12.
- Bergstein, Samuel, Cincinnati, Ohio, assignor to R. M. and F. D. Bergstein, trustees. Automatic box. 2,328,186; Aug. 31.
- Bergstein, Samuel, Cincinnati, Ohio, assignor to Robert Morris Bergstein, and Frank David Bergstein, trustees. Means and method for package closure. 2,330,466; Sept. 28.
- Bergstrom, Carl N., Portland, Oreg. Hood for battery caps. 2,321,892; June 15.
- Bergstrom, Carl S., Auburn, Mass. Door brace and straightener. 2,337,963; Dec. 28.
- Bergstrom, Harold A., assignor to The Container Company, Van Wert, Ohio. Method and apparatus for treating fibrous containers. 2,311,309; Feb. 16.
- Bergstrom, Lawrence G., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Sealed hinge mechanism. 2,332,195; Oct. 19.
- Bergstrom, Oscar, Evanston, assignor to Handy Manufacturing Company, Chicago, Ill. Fabricating wall sections and the like. 2,321,174; June 8.
- Bergstrom, Oscar, Evanston, Ill., assignor to O. R. Owens, Collegeville, Pa. Bending machine. 2,335,480; Nov. 30.
- Bergstrom, Victor J., assignor to Superior Felt & Bedding Co., Chicago, Ill. Convertible couch structure. 2,314,864; Mar. 30.
- Bergstrom, Victor J., assignor to Superior Felt & Bedding Co., Chicago, Ill. Convertible couch structure. 2,328,411; Aug. 31.
- Bergtold, Fritz, Munich, Germany; vested in the Allen Property Custodian. Shielded coil with temperature compensation. 2,317,724; Apr. 27.
- Bergvall, Roy C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical protective distribution system. 2,313,118; Mar. 9.
- Berkeley, Frederick D., Chappaqua, and E. A. Bertram, Mount Vernon, assignors to The Lummus Company, New York, N. Y. Baffle. 2,335,479; Nov. 30.
- Berkeley Pump Corporation. (See Rhoda, Ralph, assignor.)
- Berkey, William E. (See Marbury, R. E., and Berkey.)
- Berkey, William E., Forest Hills, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voltage responsive switch. 2,323,702; July 6.
- Berkman, Boris, Chicago, Ill. Ventilated cape. 2,334,061; Nov. 9.
- Berkman, Herbert A., Chicago, Ill., assignor to Zim Manufacturing Company. Valve guide remover. 2,308,413; Jan. 12.
- Berkman, Herbert A., Chicago, Ill., assignor to Zim Manufacturing Company. Valve lifter and spring compressor. 2,316,646; Apr. 13.
- Berkman, Herbert A., Chicago, Ill., assignor to Zim Manufacturing Company. Valve keeper inserter. 2,317,512; Apr. 27.
- Berkner, Arthur K., Passaic, assignor of one-fourth to W. J. Brown, Montclair, one-fourth to P. P. Nielsen, Belleville, and one-fourth to H. Grifflinger, Newark, N. J. Slide fastener. 2,310,609; Feb. 9.
- Berkowitz Envelope Company. (See Berkowitz, Eugene B., assignor.)
- Berkowitz, Eugene B., assignor to Berkowitz Envelope Company, Kansas City, Mo. Mailing piece. 2,316,757; Apr. 20.

- Berkowitz, Eugene B., assignor to Berkowitz Envelope Company, Kansas City, Mo. Quick-opening envelope. 2,330,466; Sept. 28.
- Berkshire Knitting Mills. (See Hemmerich, Hugo, assignor.)
- Berkshire Knitting Mills. (See Ischinger, Alfred E., assignor.)
- Berkshire Upholstered Furniture Co. (See Karsakov, S., and Kramer, assignors.)
- Berlek, Josef, Leinchen, Carinthia, Austria; vested in the Allen Property Custodian. Chrome-magnesia refractory and method. 2,316,229; Apr. 13.
- Berlin, Donovan R., Eggertsville, N. Y., assignor to Curtiss-Wright Corporation. Airplane. 2,326,819; Aug. 17.
- Berlin, Donovan R., Eggertsville, N. Y., assignor to Curtiss-Wright Corporation. Engine cooling means. 2,330,772; Dec. 14.
- Berlin, Donovan R., Eggertsville, and W. O. Watson, Kenmore, N. Y., assignors to Curtiss-Wright Corporation. Engine cooling support. 2,319,813; May 25.
- Berlin, Donovan R., and C. G. Trumbach, Eggertsville, N. Y., assignors to Curtiss-Wright Corporation. Adjustable wrench mount. 2,334,984; Nov. 23.
- Berling, Frederick J., Cincinnati, Ohio. Flashlight. 2,312,305; Mar. 2.
- Berman, David, Brooklyn, N. Y. Sanitary measuring device. 2,322,912; June 20.
- Berman, Morris, Chicago, Ill. Vehicle radiator shield. 2,318,180; May 4.
- Berman, Samuel, Richmond Hill, assignor to Waugh Equipment Company, New York, N. Y. Surgical probe for locating foreign metal particles in body tissue. 2,321,355; June 8.
- Berman, Samuel, Richmond Hill, assignor to Waugh Equipment Company, New York, N. Y. Locator. 2,321,356; June 8.
- Berman, William J., Brooklyn, N. Y. Garment construction. 2,309,037; Jan. 19.
- Bermingham, James A., Jr., Long Beach, Calif., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Method and apparatus for completing wells. 2,312,862; Mar. 2.
- Bernard, Jean, Paris, France; vested in the Allen Property Custodian. Multiple field magnet ignition magneto. 2,323,321; Aug. 31.
- Bernard, Jean, Paris, France; vested in the Allen Property Custodian. Ignition magneto provided with a rotary cylindrical magnet. 2,335,378; Nov. 30.
- Bernard, Nelson W., assignor of one-fourth to C. J. and one-fourth to B. J. Gilbert, Danville, Va. Spring motor. 2,318,453; May 4.
- Bernard, William J., Jr. (See Gassler, A. E., and Bernard.)
- Berner, Francis A., Allison Park, Pa. Antiskid device. 2,324,352; July 13.
- Berner, Leo, San Jose, assignor to Woodridge Manufacturing Company, Sunnyvale, Calif. Earth moving equipment. 2,318,190; May 4.
- Berners, Edward C., deceased, by C. Pilon, administrator, assignor to M. P. Braun, Fond du Lac, Wis. Fountain pencil. 2,314,383; Mar. 23.
- Berney, Ernest S., Fallon, Nev. Excavator. 2,329,241; Sept. 14.
- Bernhard Ulmann Co. Inc. (See Samuels, Sydney J., assignor.)
- Bernhardt, Ernest W., assignor to The A. A. Wood & Sons Company, Atlanta, Ga. Gin saw sharpening machine. 2,321,327; Jun. 8.
- Bernhardt, Merrill K., South Bend, Ind. Vehicle tire lock. 2,307,663; Jan. 5.
- Bernhardt, Rudolph, Chicago, Ill. Dispensing container. 2,312,380; Mar. 2.
- Bernhardt, Rudolph, Chicago, Ill. Server or dispenser. 2,327,618; Aug. 24.
- Bernier, Mamuel A., New York, N. Y. Clothes hanger. 2,312,231; Feb. 23.
- Berns, Milton H., Blasdel, assignor to Electro Refractories & Alloys Corporation, Buffalo, N. Y. Refractory composition. 2,314,758; Mar. 23.
- Berns, Morris A., Chicago, Ill. Ice-cream dipper. 2,324,477; July 20.
- Berns, Morris A., Chicago, Ill. Coring knife. 2,325,031; July 27.
- Bernstein, Isidor M., assignor to H. D. Roosen Company, Brooklyn, N. Y. Printing ink. 2,324,671; July 20.
- Bernstein, Isidor M., assignor to H. D. Roosen Company, Brooklyn, N. Y. Heat set ink. 2,330,667; Sept. 28.
- Bernstein, Isidor M., Cincinnati, Ohio, assignor to Interchemical Corporation, New York, N. Y. Roll mill cover and vehicle control. 2,325,171; July 27.
- Bernstein, Rudolf, Zurich, Switzerland. Apparatus for drying material utilizing vapor heat. 2,329,581; Sept. 14.
- Bernstein, Samuel S., Los Angeles, Calif. Suspension unit. 2,18,563; May 11.
- Bernstein, Wilbur P., Brookfield, T. F. Mika and S. M. Illiss, Chicago, and O. L. Colwell, Cicero, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Gasket material. 2,319,033; May 11.
- Bernstein, Wilburn E., Brookfield, and T. F. Mika, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Gasket material. 2,330,106; Sept. 21.
- Berquist, Leonard G. (See Pierce, R. C., and Berquist.)
- Berriman, Algernon E., assignor to Pressed Steel Company Limited, Oxford, England. Welding apparatus. 2,330,465; Sept. 28.
- Berry, James, New Britain, Conn. Chuck. 2,309,495; Jan. 26.
- Berry, Bernard C., Maplewood, N. J., assignor to The Allen-Sherman-Hoff Company, Philadelphia, Pa. Water sealed expansion joint. 2,337,634; Dec. 28.
- Berry, Calvin W., San Diego, Calif. Roller tip for fish-and rods. 2,324,353; July 13.
- Berry, Charles E., assignor of one-third to L. S. Gamble, Greenville, and one-third to R. Jones, Leland, Miss. Cotton gin. 2,328,774; Sept. 7.
- Berry, Earl A. (See Nelms, G. C., Coggeshall, Berry, and Wilbur.)
- Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Balanced seal for suction rolls. 2,312,519; Mar. 2.
- Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Drier drum. 2,328,321; Aug. 31.
- Berry, Earl E., and L. Hornbostel, assignors to Beloit Iron Works, Beloit, Wis. Roll handling apparatus. 2,337,583; Dec. 28.
- Berry, Elmer H. A., Wallingford, assignor to National Folding Box Company, New Haven, Conn. Paper tray. 2,334,985; Nov. 23.
- Berry, Mitchell M., assignor to Boeing Aircraft Company, Seattle, Wash. Piston sealing assembly. 2,314,683; Mar. 23.
- Berry, Mitchell M., assignor to Boeing Aircraft Company, Seattle, Wash. P-dal connected hydraulic rudder system. 2,335,706; Dec. 28.
- Berry, Norton E., Summit, and R. H. Walters, Rutherford, N. J., assignors to General Foods Corporation, New York, N. Y. Decaffeinating coffee. 2,309,092; Jan. 26.
- Berry, Russell G., Maplewood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Safety switch for internal combustion engines. 2,311,179; Feb. 16.
- Berry, Sherman E., Dallas, Tex. Machine for reshaping bottle caps. 2,329,325; Sept. 14.
- Berry, Theodore M. (See Sitterson, C. B., Jr., and Berry.)
- Berry, Wallace S. (See Wahlberg, N. E., and Berry.)
- Berry, Wallace S. (See Wahlberg, N. E., Berry and Sladky.)
- Berry, Wallace S. (See Wahlberg, N. E., Phelps, and Berry.)
- Berry, William. (See Heaven, G. S., and Berry.)
- Berry, William E. (See Fields, W. E., and Berry.)
- Bersin, Albert, and L. Samuels, New York, N. Y. Display bottle caps. 2,329,325; Sept. 14.
- Berst-Forster-Dixfield Company. (See Montague, S. F., and Pierce, assignors.)
- Berstler, Carl E., Reading, Pa. Spark plug. 2,330,807; Oct. 5.
- Bersworth, Frederick C., Verona, assignor to The Martin Dennis Company, Newark, N. J. Treating protein. 2,318,046; May 4.
- Bersworth, Frederick C., Verona, assignor to The Martin Dennis Company, Newark, N. J. Hydrolyzing protein materials. 2,331,986; Nov. 23.
- Bersworth, Frederick C., Verona, assignor to The Martin Dennis Company, Newark, N. J. Hydrolyzing proteins. 2,331,987; Nov. 23.
- Bertele, Ludwig, Dresden, Germany; vested in the Allen Property Custodian. Photographic camera. 2,325,005; June 29.
- Bertell, Paul. (See La Hodny, W., and Bertell.)
- Berthold, Walter K., Rockville, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for and method of forming and treating glassware. Re. 2,339,2; Nov. 16.
- Berthold, Walter K., Rockville, assignor to Hartford-Empire Company, Hartford, Conn. Mounting for plural glassware forming neck pins and thimbles. 2,309,378; Jan. 26.
- Berthold, Wolf, Weehawken, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Tension controlling apparatus. 2,328,322; Aug. 31.
- Bertholf, William M. (See Frantz, P. M., and Bertholf.)
- Bertiotto, Joseph, New Orleans, La. Tackle block. 2,328,122; Aug. 31.
- Bertness, Theodore A., Whittier, N. Johnston, Alhambra, and D. O. Newton, La Habra Heights, Calif., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Removing mud barriers from oil wells. 2,324,254; July 13.
- Bertoglio, Peter J. (See Dittus, F. W., Bertoglio, and Spaulding.)
- Bertram, Edward A. (See Berkeley, F. D., and Bertram.)
- Bertram, John, Rugby, England, assignor to General Electric Company. Operating means for fluorescent lamps. 2,328,413; Aug. 31.
- Bertram, Kurt, Berlin-Karolinenhof, and E. Lemmerich, Mulheim-Ruhr, Germany; vested in the Allen Property Custodian. Drying whey. 2,335,380; Nov. 30.
- Bertram, Simon H., The Hague, Netherlands; vested in the Allen Property Custodian. Preventing rubber objects from sticking together and improving the quality and durability of raw rubber in a divided state. 2,315,924; Apr. 6.

- Bertran, Edward M., Jackson Heights, assignor to Brewster Aeronautical Corporation, Long Island City, N. Y. Airplane landing gear. 2,323,367; July 6.
- Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Insole machine. 2,326,119; Aug. 10.
- Bertrand, Joseph P., Marydun Park, Port Arthur, Ontario, Canada. Bow-leggedness-concealing hose supporter. 2,307,352; Jan. 5.
- Bertrand, Louis, Wilmington, Del. Gas analysis. 2,333,762; Nov. 9.
- Bertsch, Heinrich, Rabenstein, and F. Schmitt, Chemnitz, Germany, assignors to American Hyalcol Corporation, Wilmington, Del. Washing and deliming composition for limed hides. 2,318,454; May 4.
- Berwick, Albert G. (See Berwick, Frederick W. and A. G.)
- Berwick, Frederick W. and A. G., Streatham, London, England, assignors to The De Laval Separator Company, New York, N. Y. Device for delivering measured quantities of liquid. 2,314,384; Mar. 23.
- Beryllium Corporation, The. (See Slagle, George H., assignor.)
- Berzer, Maurice, Atlantic Beach, N. Y. Automobile safety device. 2,335,256; Nov. 30.
- Bescherer, Palmer, assignor to York Safe and Lock Company, York, Pa. Drawer pull and label holder. 2,309,882; Feb. 2.
- Bescherer, Palmer, assignor to York Safe and Lock Company, York, Pa. Label holder. 2,315,925; Apr. 6.
- Besemer, Paul J., assignor to The Upjohn Company, Kalamazoo, Mich. Bottle labeling machine. 2,319,969; May 25.
- Beshar, Ted C. (See Moore, Robert A., assignor.)
- Besher, Eduard, Frankfort-on-the-Main, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Leuco sulphuric acid esters of the anthraquinone series. 2,316,758; Apr. 20.
- Besocke, Richard, assignor of eighty per cent to John P. Frank, Arcadia, Calif. Gas stove burner control mechanism. 2,327,589; Aug. 24.
- Bess, Gustavus A., Sacramento, Calif. Helicopter propeller. 2,307,381; Jan. 5.
- Besser, Jesse H., Alpena, Mich. Mold box. 2,319,291; May 18.
- Besserlich, William A., Clintonville, Wis. Valve gear. 2,326,747; Aug. 17.
- Best, Cyril, Deptford, London, assignor to Molins Machine Company, Limited, London, England. Weighing apparatus. 2,322,108; June 15.
- Best, Cyril, Deptford, London, assignor to Molins Machine Company, Limited, London, England. Weighing apparatus. 2,329,975; Sept. 21.
- Best Food, Inc., The. (See Gooding, Chester M., assignor.)
- Best Foods, Inc., The. (See Borkowski, C. J., and Schille, assignors.)
- Best, Frank C., and J. A. Lawler, Detroit, Mich. Pump. 2,322,913; June 20.
- Best, Frank E., Indianapolis, Ind. High speed roller bearing. 2,325,099; July 27.
- Best, George E., Palmerton, Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Production of metal powder. 2,308,584; Jan. 19.
- Best, Marie J., Yonkers, N. Y. Plug handle. 2,329,242; Sept. 14.
- Bestian, Herbert, Frankfort-on-the-Main-Unterliederbach, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Polymerization products. 2,312,863; Mar. 2.
- Bestian, Herbert, and G. von Finck, Frankfort-on-the-Main, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Impregnating textile materials and the material thus obtained. 2,314,908; Mar. 30.
- Bestian, Herbert, J. Nüsslein, and J. Monheim, Frankfort-on-the-Main, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Coloring fibrous materials and the materials obtained thereby. 2,317,965; Apr. 27.
- Bestian, Herbert, Frankfort-on-the-Main-Hochst, and Max Otto Schürmann, Dormagen, Germany; vested in the Alien Property Custodian. Fibrous materials. 2,327,760; Aug. 24.
- Bethend, Joseph, Paris, France; vested in the Alien Property Custodian. System for controlling the temperature in the interior of vehicles. 2,312,986; Mar. 2.
- Bethend, Joseph, and Y. Ricard, Paris, France; vested in the Alien Property Custodian. Apparatus for transforming oscillations. 2,313,290; Mar. 9.
- Bethlehem Steel Company. (See Chamberlin, A. C., and Nieman, assignors.)
- Bethlehem Steel Corporation. (See Epstein, S., and Kreiser, assignors.)
- Bethlehem Steel Company. (See Fine, L., and Kelchner, assignors.)
- Bethlehem Steel Company. (See Hill, Harold O., assignor.)
- Bethlehem Steel Company. (See Kleinschmidt, R. V., and Washken, assignors.)
- Bethlehem Steel Company. (See Kraner, Hobart M., assignor.)
- Bethlehem Steel Company. (See McDonald, J. R., and Ruel, assignors.)
- Bethlehem Steel Company. (See Miller, L. G., and Statler, assignors.)
- Bethlehem Steel Company. (See Olson, Albert A., assignor.)
- Bethlehem Steel Company. (See Reed, Claude D., assignor.)
- Bethlehem Steel Company. (See Stevens, R. H., and Wilson, assignors.)
- Bethlehem Steel Company. (See Taylor, John A., assignor.)
- Bethlehem Steel Company. (See Tesseyman, J. E., and Miller, assignors.)
- Bethlehem Steel Company. (See Wilke, W. P., III, and Erskine, assignors.)
- Bethlehem Steel Company. (See Wilson, Mathew P., assignor.)
- Betke, Herman F., Borger, Texas. Resilient tire. 2,317,323; Apr. 20.
- Bettendorf Company, The. (See Kottmann, Arthur A., assignor.)
- Bettendorf Company, The. (See Kottmann, A. A., Bennett, and Keast, assignors.)
- Bettendorf Company, The. (See Kottmann, A. A., and Eliott, assignors.)
- Bettendorf Company, The. (See Kottman, A. A., and Rohling, assignors.)
- Bettendorf Company, The. (See Kottmann, A. A., and Vollmer, assignors.)
- Bettendorf Company, The. (See Mohl, Harold H., assignor.)
- Bettendorf Company, The. (See Vollmer, E. C., and Herwehe, assignors.)
- Better Packages, Inc. (See Krueger, A. P., and West, assignors.)
- Better Packages Incorporated. (See Krueger, T. H., Krueger, and Brand, assignors.)
- Better Packages Incorporated. (See Krueger, Theodore H., assignor.)
- Betterton, Jesse O., Metuchen, A. J. Phillips, Plainfield, and H. B. Linford, Woodbridge, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Electrolytic parting. 2,322,786; June 29.
- Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, and A. E. Hassel, Paterson, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Recovering tin. 2,329,816; Sept. 21.
- Betterton, Jesse O., Santa Ana, Calif., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Refining metals. 2,329,817; Sept. 21.
- Bettington, Egerton M., Loughton, assignor to Aviation Developments Limited, Welwyn Garden City, England. Tool for upsetting tubular rivets. 2,336,058; Dec. 7.
- Bettison, David C., Omaha, Nebr. Rail fissure detector. 2,307,446; Jan. 5.
- Betts, Everett D., Fowlerville, assignor to Ann Arbor Foundry Company, Inc., Ann Arbor, Mich. Outdoor cooking stove. 2,325,828; Aug. 3.
- Betts, George A. (See Ellis, W. H., and Betts.)
- Betts, Gilbert, Buffalo, N. Y. Cigar and cigarette. 2,327,991; Aug. 31.
- Betts, Orville R., J. W. Nevius, and W. P. Hendrickson. Photographic exposing and developing machine and the like. 2,317,343; Apr. 27.
- Betts, Raymond L., Elizabeth, N. J., assignor to Standard Oil Development Company. Recovery of petroleum resins. 2,307,873; Jan. 12.
- Betz, W. H. & L. D. (See Noll, C. A., and Magulre, assignors.)
- Betz, William G., Pine Castle, Fla., assignor to Pratt, Read & Company, Ivoryton, Conn. Piano action. Re. 22,247; Jan. 12.
- Betzen, John L., Wichita, Kans. Rotary grain threshing machine. 2,320,557; June 1.
- Betz, John L., Wichita, Kans. Rotary internal combustion engine. 2,328,775; Sept. 7.
- Bevarly, Henry W. (See Miller, B. D., Phelps, and Bevarly.)
- Beveridge, James B., Westmount, Quebec, Canada, and R. D. Kehoe, Hadlyme, Conn. Apparatus for the production of pulp from cellulosic material. 2,323,194; June 29.
- Beveridge Paper Company, The. (See Fallon, J. M., and Boggess, assignors.)
- Bevier, Theodore S., Alhambra, Calif. Tape dispensing apparatus. 2,311,363; Feb. 16.
- Bevington, Kenneth A., Evanston, assignor to American Molded Products Co., Chicago, Ill. Nozzle. 2,336,453; Dec. 14.
- Bevins, James E., Wood-Ridge, assignor to Bendix Aviation Corporation, Bendix, N. J. Rate of climb indicator. 2,327,394; Aug. 24.
- Bevins, James E., Ardmore, Pa., and H. Konet, Ridgefield Park, assignors to Bendix Aviation Corporation, Bendix, N. J. Automatic balancing of rotating bodies. 2,322,561; June 22.
- Beyer, Frederick L. (See Talbot, R. C., and Beyer.)
- Beyer, Thomas W., San Rafael, Calif. Adjustable read. 2,330,261; Sept. 28.
- Beyer, Werner K. R., Dresden, Germany; vested in the Alien Property Custodian. Sewing machine. 2,325,467; July 27.

- Beyer, Wilhelm, Berlin-Frohnau, Germany; vested in the Alien Property Custodian. High-pressure steam generator. 2,328,414; Aug. 31.
- Beyer, Wilhelm, Berlin-Frohnau, Germany; vested in the Alien Property Custodian. High-pressure steam generator. 2,330,547; Sept. 28.
- Beyer, William A. L., Normal, Ill. Heating and ventilating fireplace system. 2,333,146; Nov. 2.
- Bevette, Gordon. (See Rayce, A. H., and Bevette.)
- Beynon, John H. (See Birch, S. F., and Beynon.)
- Bianco, Henry, Baltimore, Md., assignor to Trucon Steel Company, Youngstown, Ohio. Glazed metal sash construction. 2,317,581; Apr. 27.
- Blasotti, John B., Albany, Calif. Saw grinding machine. 2,319,437; May 18.
- Bibb, Carlisle H. (See Palmer, R. C., and Bibb.)
- Bibby, Thomas P. (See Constable, J. W., and Bibby.)
- Bible, Maxwell L. (See Wilson, L. L., and Lowmiller, Bible.)
- Bible, Milbert D., Joplin, Mo. Clothesline. 2,337,175; Dec. 21.
- Bible, Walter E., assignor to The Western Battery and Supply Company, Denver, Colo. Vacuum cleaner. Re. 2,236; June 22.
- Bick, Edward G. (See Crivender, Milton F., assignor.)
- Bickel, John J. (See Kreimborg, J., and Bickel.)
- Bickel, Bruce T. (See Davidson, J. T., and Bickel.)
- Bickel, Clifford A., assignor to The Monarch Machine Tool Co., Sidney, Ohio. Taper attachment construction. 2,309,298; Jan. 26.
- Bickel, Clifford A., assignor to The Monarch Machine Tool Co., Sidney, Ohio. Method of and apparatus for correcting the lead error of screw threads. 2,309,299; Jan. 26.
- Bickel, Clifford A., assignor to The Monarch Machine Tool Co., Sidney, Ohio. Taper attachment construction. 2,311,203; Feb. 16.
- Bickel, Clifford A., assignor to The Monarch Machine Tool Co., Sidney, Ohio. Rapid traverse mechanism for lathes. 2,325,733; Aug. 3.
- Bickel, Gerald L., Kokomo, Ind. Electrical gauge. 2,326,427; Aug. 10.
- Bickenheuser, Frank J., Tulsa, Okla. Medicinal tablet. 2,312,381; Mar. 2.
- Bickford, John A., Cleveland, Ohio. Clothespin carrier. 2,318,735; May 11.
- Bickley, Everett H., Bala-Cynwyd, Pa. Photoelectric tube. 2,334,471; Nov. 16.
- Bicknell, George M., assignor to Carter Carburetor Corporation, St. Louis, Mo. Antidetonating device. 2,317,582; Apr. 27.
- Bicknell, George M., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,328,604; Sept. 7.
- Bicknell, George M., St. Louis, Mo., and V. C. Worden, Detroit, Mich., assignors to Carter Carburetor Corporation, St. Louis, Mo. Dual carburetor. 2,315,183; Mar. 30.
- Bicknell, J. Stuart, et al. (See Hubacker, Earl F., assignor.)
- Bicknell, John A., Westbrook, Maine, assignor to S. D. Warren Company, Boston, Mass. Making paper. 2,322,185; June 15.
- Bicknese, William. (See Schreyer, Frederick, assignor.)
- Biczak, Charles A., Jr., Passaic, N. J. Wheel for roller skates. 2,316,498; Apr. 13.
- Bierdman, Carl, New York, N. Y. Game. 2,317,126; Apr. 20.
- Bidner, John. (See Schofield, W. W., Owen, and Bidner.)
- Bidwell, Charles H., Riverdale, and P. V. Koos, Manhasset, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vacuum tube amplifying apparatus. 2,318,662; May 11.
- Biederbeck, Heinrich, and G. Fischer, Oberhausen-Holten, Germany; vested in the Alien Property Custodian. Separating carbonic acid from gas mixtures containing carbonic acid. 2,332,887; Oct. 26.
- Biederman, Clarence, Lima, Ohio. Stringed instrument. 2,323,969; July 13.
- Biedess, Anthony R., assignor to Goodman Manufacturing Company, Chicago, Ill. Mucking machine. 2,323,368; July 6.
- Bieler, Hermann, Kotten, Anhalt, Germany; vested in the Alien Property Custodian. Cutter guiding means. 2,326,922; Aug. 17.
- Bielitz, Friedrich, Dessau-Ziebigk, Germany; vested in the Alien Property Custodian. Supercharger regulation. 2,310,831; Feb. 9.
- Bierbaum, Henry O. (See Hauser, C. G., Bierbaum, and Miller.)
- Bierenfeld, Josef, Shorewood, Wis., assignor to Square D Company, Detroit, Mich. Push button. 2,316,834; Apr. 20.
- Bierenfeld, Josef, Shorewood, Wis., assignor to Square D Company, Detroit, Mich. Enclosure. 2,326,282; Aug. 10.
- Bierenfeld, Josef, Shorewood, Wis., assignor to Square D Company, Detroit, Mich. Electric switch. 2,328,945; Sept. 7.
- Bierlee, Frederick F., Depasar, Ball, Netherland India; vested in the Alien Property Custodian. Inflation apparatus. 2,313,215; Mar. 9.
- Bierly, Nevin R. (See Heberlein, M. F. W., and Bierly.)
- Bierman, William, New York, and A. W. Schenker, Richmond Hill, N. Y. Measuring and recording posture. 2,334,672; July 20.
- Biermann, David, Hampton, Va. Power transmission. 2,316,390; Apr. 13.
- Bierwirth, Rudolph A., Haddon Heights, N. J., assignor to Radio Corporation of America. Heating apparatus. 2,308,043; Jan. 12.
- Bierwirth, Rudolph A., Haddon Heights, N. J., assignor to Radio Corporation of America. Indicator or relay system. 2,312,306; Mar. 2.
- Bierwirth, Rudolph A., Haddon Heights, N. J., assignor to Radio Corporation of America. Heating device. 2,314,865; Mar. 30.
- Bierwirth, Rudolph A., Haddon Heights, N. J., assignor to Radio Corporation of America. Drying method. 2,325,652; Aug. 3.
- Bierwirth, Rudolph A., Haddon Heights, N. J., assignor to Radio Corporation of America. Control circuit for sound reproduction. 2,335,575; Nov. 30.
- Bizalke, Alfred, Berlin, Germany, assignor to General Electric Company. Oscilloscope scale. 2,316,550; Apr. 13.
- Bigelow, Maurice H. (See Howard, A. M., and Bigelow.)
- Bigelow, Newell M., and J. E. Cole, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Printing composition for fabrics and the resulting printed fabric. 2,325,965; Dec. 7.
- Bigelow, Newell M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphur dye derived from 1-omega-sulpho-alkylaminium-naphthalenes. 2,335,381; Nov. 30.
- Bigelow-Sanford Carpet Co. (See Blom, Conrad C., assignor.)
- Bigelow-Sanford Carpet Co., Inc. (See Dow, James N., assignor.)
- Bigelow-Sanford Carpet Co. (See Garrity, Spencer S., assignor.)
- Bigelow-Sanford Carpet Co., Inc. (See Knowland, R. G., and Donnelly, assignors.)
- Bigelow-Sanford Carpet Co. (See Reinhardt, Henry A., assignor.)
- Biggs, Edward. (See Robertson, O. H., Miller, and Biggs.)
- Biggs, Archibald J., and E. E. Francis, Jr., Memphis, Tenn. Making artificial dentures. 2,334,898; Nov. 23.
- Biggart, Florence C., Jr., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Forging press. 2,326,604; Aug. 10.
- Biggs, Burnard S., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Manufacture of esters of mononitriles of dicarboxylic acids. 2,322,273; June 22.
- Biggs, Burnard S., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Manufacture of mononitriles of dicarboxylic acids. 2,322,914; June 29.
- Biggs, Charles A., Burlington, Ontario, Canada. Packing box and lining therefor. 2,330,262; Sept. 28.
- Biggs, Charles M., Lancaster, N. Y., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Safety mechanism for glass forming machines. 2,330,608; Sept. 28.
- Biley, William J., Jr., Weehawken, N. J. Tank. 2,316,662; Apr. 13.
- Digwood, Joshua, & Son, Limited. (See Pope, Alfred, assignor.)
- Bikle, William E., Chicago, Ill., assignor to Standard Railway Devices Company. Railway car side door. 2,331,957; Oct. 19.
- Bilbe, Charles W. (See Himpson, H. S., and Bilbe.)
- Bilde, Tord E. D., Stockholm, Sweden. Process and apparatus for manufacturing bearings. 2,307,874; Jan. 12.
- Bilde, Tord E. D., Ulvsunda, Sweden, assignor to Bolinder's Fabriks Aktiebolag, Stockholm, Sweden. Dish-washing machine. 2,316,748; Apr. 13.
- Biles, George S., assignor to Price Battery Corporation, Hamburg, Pa. Nonoverfill and vent construction for storage batteries. 2,330,669; Sept. 28.
- Bilhuber, E., Inc. (See Boie, H., and Wulzinger, assignors.)
- Bilhuber, E., Inc. (See Kraft, K., and Dengel, assignors.)
- Billeb, Clyde K., Shorewood, assignor to Milprint, Inc., Milwaukee, Wis. Excreta bag. 2,313,390; Mar. 30.
- Biller, David J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Electric lighting fixture. 2,309,038; Jan. 19.
- Biller, David J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Electric lighting fixture. 2,317,434; Apr. 27.
- Biller, David J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Lighting fixture. 2,329,243; Sept. 14.
- Billett, Stanley, Bakersfield, Calif. Turnbuckle lock. 2,321,001; June 8.
- Billing, Kurt, Frankfurt-on-the-Main-Hochst, Germany; vested in the Alien Property Custodian. Coating agent. 2,317,725; Apr. 27.
- Billing, Noel P., Kingston-on-Thames, England. Packaging of razor blades. 2,321,570; June 15.
- Billing, Noel P., Kingston-on-Thames, England. Safety razor. 2,321,571; June 15.
- Billing, Wylm M., assignor to Hercules Powder Company, Wilmington, Del. Producing rosin esters. 2,327,008; Aug. 17.

- Billings, Edmund, Weston, and H. H. Offutt, Winchester, assignors to Godfrey L. Cabot, Inc., Boston, Mass. Treatment of pigments or the like. 2,316,043; Apr. 6.
- Billings & Spencer Company, The. (See Kuehn, Raymond L., assignor.)
- Billmeyer, Bruce R., assignor to Armstrong Cork Company, Lancaster, Pa. Metal window channel. 2,313,507; Mar. 9.
- Billner, Karl P., Philadelphia, Pa. Method of reinforcing concrete bodies. 2,319,105; May 11.
- Billner, Karl P., New York, N. Y., assignor to Vacuum Concrete, Inc. Building construction. 2,324,554; July 20.
- Bills, Chester J., et al. (See Raesler, John L., assignor.)
- Bills, Ira E., and W. B. Patey, Dalton, Ga., assignors of three-fourths to Patey Enterprises, Inc., and one-fourth to C. Waterhouse, Dayton, Tenn. Chenille tufting machine. 2,308,438; Jan. 12.
- Billstrom, Edwin J., and A. W. Redin, assignors to Nels J. Billstrom, Inc., Rockford, Ill. Glue clamp carrier. 2,321,644; June 15.
- Billstrom, Nels J., Inc. (See Billstrom, E. J., and Redin, assignors.)
- Bilz, William F., Coulters, Pa. Surface gauge clamp. 2,310,276; Feb. 9.
- Bimberg, Elmer M., Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,322,109; June 15.
- Bimpton, Henry S., West Allis, and C. W. Bilbe, Wauwatosa, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Vapor scrubbing system. 2,321,893; June 15.
- Binckley, George S., Los Angeles, Calif., assignor, by decree of court and mesne assignments, to S. W. Binckley, trustee. Liquid gravitometer. 2,321,175; June 8.
- Binckley, George S., Los Angeles, Calif., assignor, by decree of court and mesne assignments, to S. W. Binckley, as trustee. Viscosimeter. 2,322,814; June 29.
- Binckley, Sydney W., trustee. (See Binckley, George S., assignor.)
- Binder, John M., New Hyde Park, assignor to Consolidated Cork Corporation, New York, N. Y. Lubricating device for cork-rod packing machines. 2,326,428; Aug. 10.
- Binder, Richard, Schweinfurt, Germany; vested in the Alien Property Custodian. Shock absorber with spring-plate valve. 2,320,697; June 1.
- Bindler, Jakob, assignor to the firm of J. R. Geigy A. G., Basel, Switzerland. Derivatives of a hydroxybenzene-carboxylic acids and manufacture. 2,312,864; Mar. 2.
- Bindler, Jakob, assignor to the firm of J. R. Geigy A. G., Basel, Switzerland. Manufacture of quaternary acylcyanoguanidines. 2,315,765; Apr. 6.
- Birdler, Jakob, and H. Schlupfer, assignors to the firm of J. R. Geigy A. G., Basel, Switzerland. Water soluble high molecular acylcyanide. 2,324,354; July 13.
- Bindner, Joseph T. (See Sangster, W. D., and Bindner.)
- Binger, Lawrence W., St. Paul, Minn. Foot steering device for outboard motors. 2,309,159; Jan. 26.
- Bingham, Arthur E., assignor to Dowty Equipment Limited, Cheltenham, England. Packing gland. 2,308,149; Jan. 12.
- Bingham, Eugene C., Easton, Pa. Road surface. 2,330,808; Oct. 5.
- Bingham, George H., Jr., Lincoln, Mass. Rubber footwear. 2,317,879; Apr. 27.
- Bingham, George H., Jr., Lincoln, Mass. Rubber footwear. 2,317,880; Apr. 27.
- Bingham Stamping Company, The. (See Heller, Clifford M., assignor.)
- Binghaus Stamping Company, The. (See Skarsen, Willard C., assignor.)
- Bingham, William A., Euclid, Ohio. Wall construction. 2,325,653; Aug. 6.
- Bingley, Frank J., Chestnut Hill, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Exciter lamp for use in photo-electric devices. 2,335,168; Nov. 23.
- Bingley, Harry G., assignor to Hyde Manufacturing Company, Southbridge, Mass. Scraper. 2,325,219; July 27.
- Bingman, Robert E. (See Taylor, R. P., and Bingman.)
- Biniek, Georg, Berlin-Siemensstadt, and H. Langner, Berlin-Steglitz, Germany; vested in the Alien Property Custodian. Telephone set. 2,330,548; Sept. 28.
- Binkert, Carl F., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Producing bent laminated safety glass. 2,314,325; Mar. 23.
- Binkley, Stephen B., (See Doisy, E. A., Thayer, Binkley, McKee, and MacDonnada.)
- Binks Manufacturing Company. (See Gustafsson, E., and Baur, assignors.)
- Binks Manufacturing Company. (See Gustafsson, E., and Wilmes, assignors.)
- Binks, Melvin J. (See Bryan, H. L., and Binks.)
- Binks, Melvin J., River Forest, assignor to J. H. Keeney & Co., Inc., Chicago, Ill. Bumper switch unit for ball rolling games. 2,319,786; May 25.
- Binks, Melvin J., River Forest, assignor to J. H. Keeney & Co., Inc., Chicago, Ill. Movement generating mechanism. 2,335,257; Nov. 30.
- Binnall, Beatrice W. (See Binnall, Frederick C., assignor.)
- Binnall, Frederick C., assignor to Beatrice W. Binnall, River Forest, Ill. Throttle. 2,334,686; Nov. 16.
- Binney and Smith Company. (See Neff, John W., assignor.)
- Binnington, Donald S., St. Paul, Minn., assignor to General Mills, Inc. Transfer flask. 2,308,325; Jan. 12.
- Binns, George W., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Centerless grinder. 2,308,739; Jan. 19.
- Binz, Gustave H., Chicago, Ill. Movable table top. 2,332,291; Oct. 19.
- Birch, George W. (See Crowell, W. S., and Birch.)
- Birch, Raymond E., and C. L. Thompson, Mount Lebanon, assignors to Harbison-Walker Refractories Company, Pittsburgh, Pa. Magnesite for furnace linings. 2,322,274; June 22.
- Birch, Stanley F., and J. H. Beynon, Sunbury-on-Thames, assignors, by mesne assignments, to Anglo-Italian Oil Company Limited, London, England. Isomerization of normal paraffins. 2,330,787; Sept. 28.
- Birch, Thomas H., Wauwatosa, Wis. Single car testing device. 2,316,217; Apr. 13.
- Birch, Thomas H., Wauwatosa, Wis. Triple valve bracket. 2,316,218; Apr. 13.
- Bircher, Richard, assignor to Aeronautic Sales & Service, Inc., Philadelphia, Pa. Ski mechanism for aircraft. 2,321,561; June 8.
- Bird, Byron M., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Sand treating system and method. 2,331,102; Oct. 5.
- Bird, Byron M., assignor, by mesne assignments, to The Jeffrey Manufacturing Company, Columbus, Ohio. Discharge mechanism for jigs. 2,335,635; Nov. 30.
- Bird, Byron M., and F. P. Smith, assignors to Battelle Memorial Institute, Columbus, Ohio. Method and apparatus for separating liquids from solids. 2,312,829; Mar. 2.
- Bird, Byron M., and F. P. Smith, assignors to Battelle Memorial Institute, Columbus, Ohio. Treating material. 2,312,865; Mar. 2.
- Bird, Clay, New London, Conn. Piston ring applicator. 2,307,195; Jan. 5.
- Bird, Clay, New London, Conn. Piston ring installing and removing tool. 2,332,046; Oct. 19.
- Bird, Edward S., Worcester, L. F. Marsh, and G. Smith, Cambridge, assignors to Reed-Prentice Corporation, Worcester, Mass. Heating apparatus for injection molding machines. 2,309,496; Jan. 26.
- Bird, Emerson W. (See Conner, J. K., Bird, Flakker, and Johnson.)
- Bird, George H., Brooklyn, N. Y. Vehicle signal and switch mechanism. 2,318,281; May 4.
- Bird, George W. T., Prescott, England, assignor to The American Security Company, Wilmington, Del. Apparatus for tempering flat glass. 2,318,584; May 11.
- Bird, James P., and P. B. Schaffer, Kansas City, Mo. Threading device. 2,323,970; July 13.
- Bird, James T., London, England. Reciprocating engine. 2,331,165; Oct. 5.
- Bird, Len O., Glendale, and E. P. Drake, Los Angeles, assignors to R. G. Le Teanear, Stockton, Calif. Control for trail builders. 2,314,475; Mar. 23.
- Bird, Paul G., Western Springs, W. Evans and C. Harmon, Hinsdale, and J. R. Salvesen, Wausau, Wis., assignors to Marathon Paper Mills Company, Rothschild, Wis., and National Aluminate Corporation, Chicago, Ill. Composition and method for treating boiler water to prevent caustic embrittlement. 2,318,663; May 11.
- Bird & Son, Inc. (See Williams, Lytle L., assignor.)
- Bird, Stanley P., Verona, assignor to Breeze Corporations, Inc., Newark, N. J. Spring contact for electric connections. 2,317,023; Apr. 20.
- Bird, Whitworth F., Wallingford, assignor to Collins & Alkman Corporation, Philadelphia, Pa. Producing shade and color contrasts in textile fabrics. 2,321,974; June 15.
- Birdsall, Albert L., and G. V. Jakeway, assignors to Keeler Brass Company, Grand Rapids, Mich. Door handle. 2,322,275; June 22.
- Birdsall, Edwin H., Golden, and R. S. Spalding, Denver, Colo., assignors to Remington Arms Company, Inc., Bridgeport, Conn. Article aligning device. 2,336,059; Dec. 7.
- Birdsboro Steel Foundry and Machine Co. (See Fisk, G. L., and (Peterson, assignor).)
- Birdsboro Steel Foundry & Machine Company. (See Peterson, E. C. and E. T., assignors.)
- Birdseye, Clarence, Gloucester, Mass., assignor to Mechanical Research, Inc., Providence, R. I. Art of treating food products. 2,318,736; May 11.
- Birdseye, Clarence, Gloucester, Mass., and Pincus Deren, Milwaukee, Wis., assignors to Birdseye Electric Corporation, Gloucester, Mass. Making reflecting electric lamps. 2,327,978; Aug. 24.
- Birdseye, Clarence, Gloucester, Mass., assignor to Mechanical Research, Inc., Providence, R. I. Freezing food products. 2,332,367; Oct. 19.
- Birdseye Electric Corporation. (See Birdseye, C., and Deren.)
- Birk, Harold W., East Hartford, assignor to The Hart Manufacturing Company, Hartford, Conn. Thermal control switch. 2,307,356; Jan. 5.

- Birkenmaier, Theodore, assignor to W. H. Matthews Corporation, St. Louis, Mo. Time-delay switch recloser. 2,320,026; May 25.
- Birkenmaier, Theodore, assignor to W. N. Matthews Corporation, St. Louis, Mo. Electrical contact clip. 2,328,413; Aug. 31.
- Birkenmaier, Theodore, St. Louis, and C. E. Mesley, Overland, assignors to W. W. Matthews Corporation, St. Louis, Mo. Reclosing circuit breaker. 2,321,122; June 8.
- Birkenstein, Lillian R. (See Mulligan, John J., assignor.)
- Birkigt, Louis, Versoix, near Geneva, Switzerland. System, in particular to internal combustion engine, including compressors. 2,318,834; May 11.
- Birkigt, Marc, Versoix, near Geneva, Switzerland. Automatic machine. 2,336,216; Dec. 7.
- Birkhimer, Edwin R. (See Leum, L. N., and Birkhimer.)
- Birkhimer, Edwin R. (See McCullough, J. H., Birkhimer, and Leum.)
- Birkin, Dmitri, Philadelphia, Pa. Fastening means. 2,311,326; Feb. 16.
- Birmingham Small Arms Company Limited, The. (See Blagden, W. M., and Perkins, assignors.)
- Birnbaum, Richard E., and Alexander, Bertram, assignors to Bertha Alexander, Bertram, doing business under the name of Alexander Doll Company, New York, N. Y. Doll. 2,328,701; Sept. 7.
- Birnie, Annie, Sacramento, Calif. Curtain rod. 2,323,112; June 29.
- Birnie, John C. (See Macdonald, James A., assignor.)
- Birr, Rudolph G., Lombard, Ill. assignor to Steiner Sales Company, Chicago, Ill. Stop mechanism, and cabinet in combination with such stop mechanism. 2,320,453; June 1.
- Birreher Corporation. (See Babo, A. G., and Mettler, assignors.)
- Bischoff, Alfred F., Milford, Conn. assignor to General Electric Company. Lamp assembly. 2,318,361; May 4.
- Bischoff, Ernst, Company. (See Truette, C. E., Shalovsky, and Levy, assignors.)
- Bischoff, Louis F., Brooklyn, N. Y. Lens and prism system. 2,321,894; June 15.
- Bischoff, Robert, Baltimore, Md. Plug valve. 2,314,750; Mar. 25.
- Bishman, Walter A., and H. G. Lion, Minneapolis, Minn. Apparatus for forming receptacles. 2,308,046; Jan. 12.
- Bishop & Babcock Manufacturing Company, The. (See Mayo, Edward L., assignor.)
- Bishop, Edwin L., Birmingham, England. Mechanism for feeding cardboard and like blanks to creasing, folding, or other treatment machinery. 2,331,523; Oct. 12.
- Bishop, Ellis G., executor, et al. (See Lipman, Michael.)
- Bishop, Frederic L., Fox Chapel Manor, and L. P. Forman, Oakmont, assignors to American Window Glass Company, Pittsburgh, Pa. Manufacture of sheet glass. 2,321,975; June 15.
- Bishop, Gordon N., Vancouver, British Columbia, Canada. Safety lamp. 2,327,696; Aug. 24.
- Bishop, Harold M., Shreveport, La. Tread. 2,320,582; Sept. 14.
- Bishop, J. Paul, Clarendon Hills, and W. F. Henry, Argo, Ill. assignors to Corn Products Refining Company, New York, N. Y. Steeping corn. 2,322,413; June 22.
- Bishop, James O. (See Babcock, L. L., and Bishop.)
- Bishop, James O., Torrance, and L. L. Babcock, Compton, Calif., assignors to The National Supply Company, Pittsburgh, Pa. Apparatus for flame hardening of articles. 2,321,645; June 15.
- Bishop, Lytle. (See Small, William E., assignor.)
- Bishop, Nathaniel, Fairfield, Conn. Crystal stabilized frequency modulation system. 2,311,026; Feb. 16.
- Bishop Oil Company. (See Tauben, Alexander A., assignor.)
- Bishop, Robert H., Jr., Readfield, Maine. Lycopodium harvester or clipper. 2,325,734; Aug. 3.
- Bishop, Walter M., Flushing, N. Y., C. Depew, Oakland, N. J., W. Gronos, New York, and V. L. Ronce, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cushion mounting for electrical apparatus. 2,320,170; May 25.
- Bishop, William S., Cranford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. 1,10 decanolamine and producing it. 2,330,107; Sept. 21.
- Biskind, Morton S., New York, assignor of twenty-one percent to J. J. Nichols, Forest Hills, and fourteen percent to N. H. Schlemeyer, Brooklyn, N. Y. Hand stamp and stencil therefore. 2,335,992; Dec. 7.
- Bisnoff, Harry L., Jamaica, N. Y. Fracture appliance. 2,325,300; July 27.
- Bissell, Addison G. (See Crecca, J. D., and Bissell.)
- Bissell Carpet Sweeper Co. (See Pullen, Fred W., assignor.)
- Bissell, Ernest F., Hayden, Colo. Deflector for grain. 2,310,610; Feb. 16.
- Bissell, William T., and H. H. Harold, assignors to Journal Box Servicing Corporation, Indianapolis, Ind. Waste shaker. 2,307,483; Jan. 5.
- Bisson, Edward J., St. Paul, assignor to H. L. Millberg, Minneapolis, Minn. Combined service stall and service cabinet. 2,314,118; Mar. 16.
- Bitler, Henry H. (See Koster, F. W., Bitler, and Lodge.)
- Bitler, William P., Haverstraw, and L. Nicholl, Nyack, assignors to Kay-Fries Chemicals, Inc., West Haverstraw, N. Y. Preparation of 2,3 dichlorodioxane. 2,327,855; Aug. 24.
- Bitner, Abram H., assignor of one-half to Joseph Pentony, Philadelphia, Pa. Electric drilling, calking, chipping, and riveting tool. 2,331,760; Oct. 12.
- Bitner, Ralph E., New York, assignor to Remington Rand Inc., Buffalo, N. Y. Reflecting lens mount. 2,323,787; July 6.
- Bitney, Dewey H., assignor to Union Steel Products Company, Albion, Mich. Portable outdoor cooking or camp stove. 2,307,914; Jan. 12.
- Bitney, Dewey H., assignor to Union Steel Products Company, Albion, Mich. Display rack. 2,309,435; Jan. 26.
- Bitney, Dewey H., assignor to Union Steel Products Company, Albion, Mich. Bottle crate. 2,322,917; June 29.
- Bitter, John L. (See Jones, F. J., and Bitter.)
- Bitter, Raymond E., Cambridge, and D. W. MacLeod, Brighton, assignors, by mesne assignments, to General Latex and Chemical Corporation, Cambridge, Mass. Dipping form. 2,315,310; Mar. 30.
- Blaker, Charles C., assignor of one-twentieth to Wilbur S. Trader, Chicago, Ill., and one-third to Fred Hart, Vacuum tight coupling joint for engines and the like. 2,331,649; Oct. 12.
- Blitzenburger, Henry A., Los Angeles, Calif. Arrow flexing jig. 2,337,080; Dec. 21.
- Bivens, Maurice E., Schneectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,315,926; Apr. 6.
- Bixby, Harold S., East Haven, assignor of one-half to E. A. Abbey, New Haven, Conn. Locking device for tubular lamps or the like. 2,336,587; Dec. 14.
- Bixby, Harold S., East Haven, assignor of one-half to E. A. Abbey, New Haven, Conn. Locking device for tubular lamps or the like. 2,336,588; Dec. 14.
- Bixby, Leo A., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Gear shifting means. 2,319,716; May 18.
- Bixby, Leo A., Niles, E. E. Eaton, and R. Lapsley, Berrien Springs, assignors to Clark Equipment Company, Buchanan, Mich. Brake lever. 2,309,160; Jan. 26.
- Bixler, Edmund P., New York, N. Y. Curtain. 2,323,444; July 6.
- Bixler, Milo E., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,312,619; Mar. 2.
- Bixler, Ralph D. (See Alenbaugh, G. G., and Bixler.)
- Bjerg, Niels H., Chicago, and A. R. Dick, Jr., Lake Forest, assignors to A. R. Dick Company, Chicago, Ill. Sheet metal sheet and making same. 2,337,012; Dec. 14.
- Bjergel, Sven A., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Closing valve. 2,335,729; Nov. 30.
- Bjering, Olav. (See Hohl, J., Bjering, Lakso, and Vogt.)
- Bjering, Olav. (See Hohl, J., Bjering, Whittier, and Lakso.)
- Bjorkan, Arthur J. (See Rasmussen, C. T., and Bjerkan.)
- Bjork, Carl O., Wilmington, Calif. Drinking attachment for beverage cans. 2,327,010; Aug. 17.
- Bjorkman, Carl G., Chicago, Ill. Process and apparatus for making gut strings. 2,334,170; Nov. 16.
- Björkholm, Carl H., assignor to Aktiebolaget Svenska Kullagerfabriken, Göteborg, Sweden. Device for checking the profile of workpieces. 2,322,983; Oct. 26.
- Björkman, John A., Johannesburg, South Africa, assignor to Imperial Chemical Industries Limited. Fuse anchor. 2,318,282; May 4.
- Bjorksten, Johan, Chicago, Ill., assignor to Johan Bjorksten, Philadelphia, Pa., as trustee for Oliver J. W. Bjorksten, Friction reducing surface coating. 2,332,196; Oct. 19.
- Bjorksten, Oliver J. W. (See Bjorksten, Johan.)
- Bjornson, Bjorn G., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control in two-way signal wave transmission systems. 2,319,717; May 18.
- Blauhoer, Harold, Jamaica, and J. Cahn, assignors to Alexander Division of Publication Corporation, New York, N. Y. Lay-down for printing operations. 2,334,745; Nov. 23.
- Blabon, Sloane. (See Gans, Fred W., assignor.)
- Black, Alexander R., Gardena, Calif. Subirrigation system. 2,309,233; Jan. 26.
- Black and Decker Manufacturing Company, The. (See Decker, Alonzo G., Jr., assignor.)
- Black and Decker Manufacturing Company, The. (See Wilhide, Glenn C., assignor.)
- Black, Charles. (See Kullman, A., and Black.)
- Black, Clarence H. (See Harrington, G. G., Standliff, and Black.)
- Black, Edward L., U. S. Army, Fort Benning, Ga. Sight training picture device. 2,319,787; May 25.
- Black, Floyd C. (See Gebert, A. E., and Black.)
- Black, Frank, Sr., Crafton, Pa. Apparatus for gauging dimensions of circular workpieces. 2,325,362; July 27.
- Black, George M., Cleveland Heights, Ohio. Metal coating composition. 2,326,120; Aug. 10.
- Black, Harold S., Elmhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stabilized feedback system. 2,324,815; July 20.
- Black, Henry A., Santa Barbara, Calif. Fuel container. 2,319,844; May 25.

- Black, Howard C. (See Young, H. H., and Black.)
- Black, Howard C., assignor to Industrial Patents Corporation, Chicago, Ill. Oleaginous material. 2,320,319; May 25.
- Black, Howard C., assignor to Industrial Patents Corporation, Chicago, Ill. Preparation of organic acid esters. 2,320,844; June 1.
- Black, Howard C., assignor to Industrial Patents Corporation, Chicago, Ill. Oleaginous preparation. 2,322,186; June 15.
- Black, Howard C., assignor to Industrial Patents Corporation, Chicago, Ill. Deep fat frying. 2,322,187; June 15.
- Black, James J., assignor, by mesne assignments, to The Fifth Third Union Trust Company, Cincinnati, Ohio. Door for freight carrying vehicles. 2,322,088; June 15.
- Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Sliding door. 2,330,870; Sept. 28.
- Black, Jav T. (See Cox, P. G., Black, and Fricke.)
- Black, John F., assignor to Circo Products Company, Cleveland, Ohio. Degreaser. 2,318,455; May 4.
- Black, John E. and R. S. Mendoza, Ill. Glue spreader, surface coater, and the like. 2,326,429; Aug. 10.
- Black, Lawrence F. (See De Lorimier, A. A., Black, and Day.)
- Black, Lawrence F., United States Army. Electric radiator. 2,329,693; Sept. 21.
- Black, Lawrence F. and C. H. Mellor, U. S. Army, Denver, Colo. Electrical heating device. 2,325,585; Aug. 3.
- Black, Leroy G., E. B. Fitch, and E. B. Suhr, assignors to American Potash & Chemical Corporation, Trona, Calif. Separating sodium salts. 2,309,569; Jan. 26.
- Black, Paul T., Bellevue, Pa. Tie plate and spike assembly. 2,317,435; Apr. 27.
- Black, Robert S. (See Black, John E. and R. S.)
- Black, Theron W., Columbus, assignor to B. H. Card, Fairwater, Wis. Mixing feeds with molasses. 2,319,579; May 18.
- Black, Wilbert, New Orleans, La. Storage tank. 2,321,974; June 15.
- Black, Wiley R., and J. G. Kennedy, Spokane, Wash. Marble game. 2,336,773; Dec. 14.
- Black, William A., Montclair, N. J., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Power amplifier. 2,331,761; Oct. 12.
- Blackburn, Charles L., Westminster, assignor to Electrical Improvements Limited, Newcastle-on-Tyne, England. Electrical calculating machine. 2,319,106; May 11.
- Blackburn, Claude E., assignor to The J. M. Huber Corporation, Borger, Tex. Tubing cleaner. 2,321,275; June 8.
- Blackburn, Lila L. and L. de Cordova, Los Angeles, Calif. Urinal bag. 2,310,505; Feb. 9.
- Blackburn, Lila L. and L. de Cordova, Los Angeles, Calif. Surgical support. 2,333,839; Nov. 9.
- Blackburn, Oswald B. (See Clough, D. and Blackburn.)
- Blackburn, Philip W., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge lamp and manufacture. 2,308,350; Jan. 12.
- Blackburn, Walter J. (See Goldwater, Samuel J., assignor.)
- Blackburn, Wellington E., Gallup, N. Mex. Making arch supports. 2,313,314; Mar. 9.
- Black-Clawson Company, The. (See Staeger, Stephen A., assignor.)
- Blackhawk Mfg. Co. (See Dierckmeier, R. L., and Pfauter, assignors.)
- Blackhawk Mfg. Co. (See Mandl, Sigmund, assignor.)
- Blackhawk Mfg. Co. (See Pfauter, Edward M., assignor.)
- Black-Gege, Elmer G., Oswego, Kans. Harvester. 2,328,605; Sept. 7.
- Blackmore, Lloyd, Highland Park, and M. C. Kristek, Flint, assignors to General Motors Corporation, Detroit, Mich. Valve forging machine. 2,323,971; July 13.
- Blackmun, Edward V., Lakewood, and M. P. Mikula, Cleveland, Ohio, assignors to Aluminum Company of America, Pittsburgh, Pa. Surface treatment for aluminum. 2,311,623; Feb. 23.
- Blackstock, Gibbs, Toronto, Ontario, Canada. Self-locking freewheel clutch. 2,318,283; May 4.
- Blackstone, Clarence W., Chicago, Ill., assignor to Standard-Knapp Corporation, Portland, Conn. Labeling machine. 2,336,839; Dec. 14.
- Blackstone Corporation. (See Conterman, Fred A., assignor.)
- Blackstone, Selwyn R., Madison, Wis. Hook remover. 2,333,695; Nov. 9.
- Blackwell, Richard A., Dearborn, Mich. Bending tool. 2,313,720; Mar. 16.
- Blade Master, Incorporated. (See Korenly, Andrew J., assignor.)
- Blades, Ansley O., Rome, assignor to General Cable Corporation, New York, N. Y. Resinous compositions for wire coatings and the like. 2,329,583; Sept. 14.
- Blagden, William M., Farnborough, and H. Perkins, Solihull, assignors to The Birmingham Small Arms Company Limited, Birmingham, England. Transmission mechanism for motor vehicles. 2,308,351; Jan. 12.
- Blaha, Stephen J., De Kalb, assignor to Superior Felt & Bedding Co., Chicago, Ill. Convertible folding cot. 2,337,367; Dec. 21.
- Blain, John, assignor to Lord & Burnham Company, Des Plaines, Ill. Greenhouse ventilation. 2,316,309; Apr. 13.
- Blair, Benton W., et al. (See Tyndall, Tomas N., assignor.)
- Blair, Charles M., Jr. (See Wirtel, A. F., and Blair.)
- Blair, Charles M., Jr., Webster Groves, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Treating pipeline oil. 2,310,673; Feb. 9.
- Blair, Charles M., Jr., Webster Groves, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Increasing production of petroleum oil from siliceous strata and the treating agent therefor. 2,331,594; Oct. 12.
- Blair, Emilie. (See Blais, Emilien.)
- Blair, Frank P., assignor of one-half to R. C. Cook, Chicago, Ill. Water filter. 2,332,982; Oct. 26.
- Blair, George W., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Cushion. 2,315,391; Mar. 30.
- Blair, George W., and V. H. Bodle, assignors to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Making sponge rubber material. 2,325,903; Aug. 3.
- Blair, George W., and J. F. Schott, assignors to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Molding apparatus for open type cushions. 2,310,830; Feb. 9.
- Blair, George W., and J. F. Schott, assignors to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Apparatus for making automobile floor coverings and the like. 2,338,022; Dec. 28.
- Blair, John L., assignor to Worthington Mower Company, Stroudsburg, Pa. Mowing machine. 2,310,388; Feb. 9.
- Blair, John L. and H. Imbt, assignors to Worthington Mower Company, Stroudsburg, Pa. Power transmitting mechanism. 2,310,386; Feb. 9.
- Blair, John L. and H. Imbt, assignors to Worthington Mower Company, Stroudsburg, Pa. Mowing machine. 2,310,387; Feb. 9.
- Blair-McGullicke, James C., Vauxhall, London, England. Applying cold cement glass. 2,307,696; Jan. 5.
- Blair, Royer R., Scotch Plains, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic apparatus. 2,316,044; Apr. 6.
- Blair, Royer R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regulator circuit. 2,323,192; June 29.
- Blair, Walter, Detroit, Mich., assignor to Phillips Screw Company, Power screw driver. 2,314,760; Mar. 23.
- Blais, Emilien, commonly known as E. Blair, assignor to Western Cartridge Company, New Haven, Conn. Composite soldered heat exchanger. 2,313,315; Mar. 9.
- Blais, Emilien, commonly known as E. Blair, assignor to Western Cartridge Company, New Haven, Conn. Sectional heat exchanger. 2,327,491; Aug. 24.
- Blaisdell, Roland E., Hamburg, assignor to Spencer Lens Company, Buffalo, N. Y. Projection apparatus. 2,332,691; Oct. 26.
- Blake, Edward S., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanization of rubber. 2,325,735; Aug. 3.
- Blake, Edward S., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparation of organic sulphides. 2,331,650; Oct. 12.
- Blake, Edward S., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Sponge rubber. 2,335,730; Nov. 30.
- Blake, Edward S., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanizing rubber and product obtained thereby. 2,336,217; Dec. 7.
- Blake, George A., New Bedford, Mass. Dispensing apparatus. 2,325,363; July 27.
- Blake, Guy. (See Jones, L., and Blake.)
- Blake Manufacturing Corporation. (See Wood, Orville T., assignor.)
- Blake, Whitney, Company, The. (See Judisch, Carl H., assignor.)
- Blakely, Robert T., Ridgewood, N. J., assignor to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,307,100; Jan. 5.
- Blakely, Robert T., Ridgewood, N. J., assignor to International Business Machines Corporation, New York, N. Y. Time recorder. 2,310,389; Feb. 9.
- Blaker, David G., Webb City, Okla., assignor to Phillips Petroleum Company. Hydrocarbon conversion and catalyst therefor. 2,320,118; May 25.
- Blakeslee, G. S. & Co. (See Karp, Edward J., assignor.)
- Blakeslee, Jay C., Chicago, Ill. Paint and varnish remover. 2,308,047; Jan. 12.
- Blanchard, Arthur D., Bloomfield, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Converter. 2,322,562; June 22.
- Blanchard, Benjamin B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening inserting machine. 2,325,100; July 27.
- Blanchard, Floyd M., assignor to Yuba Manufacturing Company, San Francisco, Calif. Pin lock. 2,313,216; Mar. 9.

- Blanchard, Joseph G., assignor of one-half to C. G. Vokes, London, England. Silencer. 2,323,891; July 13.
- Blanchard, Loring W., Jr. (See Hiatt, G. D., and Blanchard, Jr.)
- Blanchard, Paul L. C., Paris, France; vested in the Allon Property Custodian. Mechanical atomizing burner. 2,308,009; Jan. 12.
- Blanchard, Roswell W., Fitchburg, Mass., assignor to E. Edmann & Co., Chicago, Ill. Hydrometer. 2,312,397; Mar. 2.
- Blanchard, Werner J., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Propeller manufacture. 2,320,430; Aug. 10.
- Blanchard, Werner J., and C. S. J. MacNeill, assignors to The Winters National Bank and Trust Company, Dayton, Ohio. Propeller mechanism. 2,307,101; Jan. 5.
- Blanchard, Werner J., and C. S. J. MacNeill, assignors to The Winters National Bank and Trust Company, Dayton, Ohio. Propeller mechanism. 2,307,102; Jan. 5.
- Blanchet, Joseph L. A., Mystic, Conn., assignor to Quaker Products Company, Corp. cap. 2,336,101; Dec. 7.
- Blanchet, Otilia J., New Bedford, Mass. Antitheft automobile wheel and tire locking device. 2,332,356; Nov. 2.
- Blanchett, Luther E., assignor to Bucyrus Erie Company, South Milwaukee, Wis. Leveling device. 2,310,930; Feb. 16.
- Bland, Abraham D., and Glen P. Hendershelt, Sioux City, Iowa, Poultry electrocutioner. 2,335,993; Dec. 7.
- Blanford, Alfred R., Stafford, assignor to The English Electric Company Limited, London, England. Electrical switching apparatus. 2,310,905; Feb. 9.
- Blanding, William A., Jr., Belding, Mich. Building block. 2,319,914; May 25.
- Blaney, Arthur C., Los Angeles, Calif., assignor to Radio Corporation of America. Control track recording and synchronizing system. 2,330,331; Sept. 28.
- Blaney, Arthur C., Los Angeles, Calif., assignor to Radio Corporation of America. Film inspection and printing system. 2,331,451; Oct. 12.
- Blanks, Robert E., Denver, Colo., assignor, by mesne assignments, to Baldwin Locomotive Works. Materials testing equipment. 2,317,093; Apr. 20.
- Blaser, Wilfred A., assignor to Deere & Company, Moline, Ill. Harvester platform mounting means. 2,322,276; June 22.
- Blaso, James G., East Elmhurst, Long Island, N. Y., assignor to Natural Vitamin Corporation. Vitamin containing shortening. 2,307,756; Jan. 12.
- Blaso, James G., East Elmhurst, N. Y., assignor to Natural Vitamin Corporation. Purifying fish and fish liver oils. 2,311,633; Feb. 23.
- Blatt, Maurice L. (See Cohen, R., and Blatt.)
- Blattner, Emil H. (See Barrows, D. S., and Blattner.)
- Blau, Harry, New York, N. Y. Undergarment. 2,309,822; Feb. 2.
- Blau, Henry H., Elmira, assignor to Corning Glass Works, Corning, N. Y. Making stained glass articles. 2,330,193; Sept. 28.
- Blau, Henry H., Elmira, assignor to Corning Glass Works, Corning, N. Y. Reflecting optical system. 2,330,194; Sept. 28.
- Blau, Henry H., Elmira, N. Y., and R. W. Kell, Charleroi, Pa., assignors to Corning Glass Works, Corning, N. Y. Making glass articles. 2,314,812; Mar. 23.
- Blau, Ludwig W. (See Howell, L. C., and Blau.)
- Blau, Ludwig W., Houston, Tex., assignor to Standard Oil Development Company. Locating valuable subterranean deposits. Re. 22,345; July 13.
- Blau, Ludwig W., Houston, Tex., assignor to Standard Oil Development Company. Geochemical prospecting. 2,330,026; Sept. 21.
- Blau, Ludwig W., Houston, Tex., assignor to Standard Oil Development Company. Well logging. 2,337,442; Dec. 21.
- Blau, Ludwig W., Houston, Tex., assignor to Standard Oil Development Company. Locating valuable subterranean deposits. 2,337,443; Dec. 21.
- Blaw-Knox Company. (See Boyer, William R., assignor.)
- Blaw-Knox Company. (See Croft, George M., assignor.)
- Blaw-Knox Company. (See Denigan, Edward P., assignor.)
- Blaw-Knox Company. (See Fanning, Fred H., assignor.)
- Blaw-Knox Company. (See Fuchs, Oscar M., assignor.)
- Blaw-Knox Company. (See Harrington, Edward L., assignor.)
- Blaw-Knox Company. (See Heath, S. B., and Schambra, assignors.)
- Blaw-Knox Company. (See Long, Charles A., assignor.)
- Blaw-Knox Company. (See Venable, William H., assignor.)
- Blaylock, Aubrey C., Blytheville, Ark. Pneumatic mote remover. 2,318,737; May 11.
- Blazek, John Y., Bedford, and G. E. Sears, Cleveland, assignor to Lemppo Products, Inc., Bedford, Ohio. Grinding tool speed reducer. 2,308,352; Jan. 12.
- Blazek, John Y., Bedford, G. E. Sears and V. R. Roy, Cleveland, Ohio, assignors to Lemppo Products, Inc. Apparatus for resurfacing. 2,315,891; Apr. 6.
- Blazek, John Y., Bedford, G. E. Sears, and V. R. Roy, Cleveland, assignors to Lemppo Products, Inc., Bedford, Ohio. Crankshaft locator. 2,329,382; Sept. 14.
- Blaskley Corporation, The. (See Bleakley, Purling A., assignor.)
- Blaskley, Gaylord P., Kansas City, Mo. Grave cribber. 2,324,465; July 20.
- Bleakley, Purling A., assignor to The Bleakley Corporation, Toledo, Ohio. Apparatus for melting powdered materials. 2,317,173; Apr. 20.
- Bleakley, Purling A., Toledo, Ohio, and T. F. Kolts, Chicago, Ill. Apparatus for striping roadways. 2,324,478; July 20.
- Bleam, Edgar W., assignor to Stokes and Smith Company, Philadelphia, Pa. System for filling containers. 2,330,862; Oct. 5.
- Bleam, Edgar W., and H. Grotewold, assignors to Stokes and Smith Company, Philadelphia, Pa. System for filling containers. 2,333,232; Nov. 2.
- Bleas, John, assignor to Hope's Windows, Inc., Jamestown, N. Y. Fastening device for windows. 2,310,348; Feb. 9.
- Blecha, John, Kremmling, Colo. Hydraulic reverse scraper. 2,326,197; Aug. 10.
- Bleecker, Etta M., Massapequa, N. Y. Toy horse and dog. 2,334,472; Nov. 16.
- Bleeker, Ernest. (See de Noij, J. C., and Bleeker.)
- Bluffs, Donald J. (See Grosdun, J. P., and Bluffs.)
- Bleistein, Henry G., Marion County, Ind. Sheet stacking machine. Re. 22,395; Nov. 30.
- Blossing, Gregory W., Moorestown, N. J., assignor to Radio Corporation of America. Loud speaker. 2,320,461; June 1.
- Blocher, Joseph. (See Bucknell, E. H., and Blocher.)
- Bloets, Bruce N., East Cleveland, and G. H. Perkins, Cleveland, Ohio, assignors to The American Steel and Wire Company of New Jersey. Cut nail machine. 2,317,247; Apr. 20.
- Blewett, John P. (See Fraenkel, V. H., and Blewett.)
- Bliz, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Surface-active incrustation inhibitor. 2,310,207; Feb. 9.
- Bliz, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Surface-active incrustation inhibitor. 2,310,208; Feb. 9.
- Bliz, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Producing cellulose derivatives. 2,310,729; Feb. 9.
- Blinn, Glenn E., Harrington Park, N. J., assignor to Walker Brothers, Conshohocken, Pa. Underfloor duct system. 2,335,206; Dec. 7.
- Blinn, Glenn E., Harrington Park, N. J. Receptacle. 2,330,218; Dec. 7.
- Bliss, Carl G., Long Beach, assignor to Standard Steel Works, Los Angeles, Calif. Feed control means for weighing apparatus. 2,316,310; Apr. 13.
- Bliss, E. M., Company. (See Nash, L. W., and Martin, assignors.)
- Bliss, E. W., Company. (See Cannon, Earl, assignor.)
- Bliss, E. W., Company. (See Crane, Edward V., assignor.)
- Bliss, E. W., Company. (See Croll, Alvin F., assignor.)
- Bliss, E. W., Company. (See Dorman, N. W., and Hadley, assignors.)
- Bliss Company, E. W. (See Durbin, Stanley H., assignor.)
- Bliss, E. W., Company. (See Krueger, Frank, assignor.)
- Bliss, E. W., Company. (See Nash, Leonard W., assignor.)
- Bliss, E. W., Company. (See Seidel, A., and Schloz, assignors.)
- Bliss, E. W., Company. (See Williamson, Larkin R., assignor.)
- Bliss, Elmer J., Boston, Mass. X-ray machine. 2,315,149; Mar. 30.
- Bliss, Elmer J., Chilmark, Mass. Shoe fitting device. 2,320,768; June 1.
- Bliss, Elmer J., Chilmark, Mass. Shoe fitting device. 2,326,820; Aug. 17.
- Bliss, Elmer J., Chilmark, Mass. Foot measuring device. 2,332,292; Oct. 19.
- Bliss, Harvey N., Windsor, assignor to Veeder-Root Incorporated, Hartford, Conn. Counting mechanism. 2,331,884; Oct. 19.
- Bliss, Harvey N., Windsor, assignor to Veeder-Root Incorporated, Hartford, Conn. Registering mechanism. 2,332,197; Oct. 19.
- Bliss, Harvey N., Windsor, assignor to Veeder-Root Incorporated, Hartford, Conn. Registering mechanism. 2,332,198; Oct. 19.
- Bliss, Harvey N., Windsor, assignor to Veeder-Root Incorporated, Hartford, Conn. Counter. 2,332,199; Oct. 19.
- Bliss, Harvey N., Windsor, assignor to Veeder-Root Incorporated, Hartford, Conn. Counter. 2,332,200; Oct. 19.
- Bliss, Jerome J., assignor to Ray-O-Matic Fire Guard Company, Minneapolis, Minn. Fire alarm apparatus. 2,317,024; Apr. 20.
- Blizard, John W. F., Rydal, and C. G. Peters, assignors to National Fiberstok Envelope Co., Philadelphia, Pa. Loose-leaf binder. 2,328,416; Aug. 31.

- Bliss, Robert H., East Syracuse, N. Y. Latch. 2,308,150; Jan. 12.
- Bliss, Robert H., Syracuse, N. Y. Window construction. 2,310,506; Feb. 9.
- Bliss, Warren H., Orono, Maine, assignor to Radio Corporation of America. Frequency discriminator circuit. 2,312,070; Feb. 23.
- Blizard, George M., Saint John, New Brunswick, Canada. Fuel feeding apparatus for furnaces. 2,320,062; May 25.
- Blizard, John, Garden City, assignor to Foster Wheeler Corporation, New York, N. Y. Steam generator. 2,313,043; Mar. 9.
- Blizard, John, Garden City, assignor to Foster Wheeler Corporation, New York, N. Y. Apparatus for the separation of fluids. 2,320,345; June 1.
- Bloch, Herman S. (See Thomas, C. L., and Bloch.)
- Block, Bernard H., Detroit, Mich. Reclining furniture. 2,320,907; June 1.
- Block, Emil F., Milwaukee, Wis. Antislipping device. 2,313,316; Mar. 9.
- Bloch, Franz G., Le Sentier Vaud, Switzerland. Temperature measuring device. 2,316,391; Apr. 13.
- Bloch, Godfrey, New York, N. Y. Textile fabric. 2,329,452; Sept. 14.
- Bloch, Herman S. (See Thomas, C. L., and Bloch.)
- Bloch, Leon, Cleveland, Ohio. Waste and overflow fitting. 2,321,176; June 8.
- Block, Samuel E., Philadelphia, Pa. Attachment for pencils and the like. 2,323,302; July 6.
- Blodgett, Albert G., assignor to Morgan Construction Company, Worcester, Mass. Apparatus for coiling wire. 2,321,646; June 15.
- Blodgett, Albert G., assignor to Morgan Construction Company, Worcester, Mass. Coiling block. 2,332,293; Oct. 19.
- Blodgett, Edward D., Haddonfield, N. J., assignor to Radio Corporation of America. Direction finder. 2,337,964; Dec. 28.
- Blodgett, Herbert C., assignor to Overhead Door Corporation, Hartford City, Ind. Removable center post for vertically slidable doors. 2,309,436; Jan. 26.
- Blodgett, Herbert C., assignor to Overhead Door Corporation, Hartford City, Ind. Adjustable bearing for door locking bolts. 2,309,437; Jan. 26.
- Blodgett, Herbert C., assignor to Overhead Door Corporation, Hartford City, Ind. Motor control. 2,315,582; Apr. 6.
- Blodgett, Herbert C., assignor to Overhead Door Corporation, Hartford City, Ind. Reversing switch. 2,315,583; Apr. 6.
- Blodjer, Andrew K. (See Roumage, C. C., and Blodjer.)
- Bloomsma, Harry R., East St. Louis, Mo. Heating stove. 2,310,392; Apr. 13.
- Blaise, Frank. (See McFall, Irving H., assignor.)
- Blom, Carl, San Marino, assignor to Byron Jackson Co., Huntington Park, Calif. Centrifugal pump. 2,331,299; Oct. 12.
- Blom, Conrad C., Longmeadow, Mass., assignor to Bignell-Sanford Carpet Co., Inc., Thompsonville, Conn. Axminster spool winder. 2,332,408; Nov. 2.
- Blomberg, Martin P., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Railway car diaphragm construction. 2,337,081; Dec. 21.
- Blomqvist, Gustav M., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,312,144; Feb. 23.
- Blomquist, Theodore M. (See Stacey, R. W., and Blomquist.)
- Blondau, Ernest E., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Electrical exploration of geological strata. 2,310,611; Feb. 9.
- Blondon, Irvin J., Pomona, Calif., assignor, by mesne assignments, to Brodrex Company. Process of and composition for treating fresh fruit. 2,332,128; Oct. 19.
- Blood, Arthur R., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Engine manifold. 2,331,885; Oct. 19.
- Blood, Robert A., assignor to Crouse-Hinds Company, Syracuse, N. Y. Explosion proof enclosure for electrical devices. 2,316,835; Apr. 20.
- Bloodgood, Alonzo J., Middlebury, Conn. Binder guide or folder for sewing machines. 2,318,047; May 4.
- Bloodgood, Alonzo J., Middlebury, assignor of one-third to J. S. Michelson, Bridgeport, and one-third to J. H. Chandler, Middlebury, Conn. Darning light. 2,323,292; July 6.
- Bloodworth, Rainie, Thomasville, Ga. Cultivating plow. 2,316,393; Apr. 13.
- Bloom, George T., Plainfield, and J. G. Burnett, Jersey City, N. J.; said Burnett assignor to said Bloom. Pressure relief device for low pressure vessels. 2,320,211; May 25.
- Bloomberg, A. (See Dine, N., and Bloomberg.)
- Bloomberg, Maxwell H., Pittsburgh, Pa. Convertible bathing apparatus. 2,329,326; Sept. 14.
- Bloomer Bros. Company. (See Inman, William H., assignor.)
- Bloomer Bros. Company. (See Shearer, John P., assignor.)
- Bloomer Bros. Company. (See Tobey, L. H., and Holmes, assignors.)
- Bloomer, Ward J., Westfield, and W. J. Zahniser, Bayonne, N. J., assignors to The Lummus Company, New York, N. Y. Refining of cottonseed oil. 2,319,970; May 25.
- Bloomfield, John J., Burbank, Calif., assignor, by mesne assignments, to Vega Aircraft Corporation. Lockup for torque engaged clutches. 2,314,030; Mar. 16.
- Bloomfield, Sam, Wichita, Kans. Riveting mechanism. 2,318,191; May 4.
- Blosjo, Herbert H., Minneapolis, Minn. Measuring apparatus. 2,333,976; Nov. 9.
- Blosser, Herman G. (See Staples, C. E., and Blosser.)
- Blosser, Herman G., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Holding means for instruments. 2,318,738; May 11.
- Blosser, Herman G., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,323,113; June 29.
- Blosser, Herman G., Pittsburgh; and R. M. Laurenson, Rosedale Heights, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electromagnetic device. 2,327,395; Aug. 24.
- Blossom, Claire E., Vassar, Mich. Combination table and bench. 2,321,177; June 8.
- Blough, Ronald S., Fairfield, Iowa. Wringer. 2,332,129; Oct. 19.
- Blount, Thur L. (See Linford, H., and Blount.)
- Blount, Harry, Baltimore, and C. V. Lundeen, Towson, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Metal forming apparatus. 2,327,091; Aug. 17.
- Blount, Herbert T., assignor to Mills-Alloys, Inc., Los Angeles, Calif. Abrasive blast. 2,314,069; Mar. 16.
- Blount-Ply Works (See Rago, John P., assignor.)
- Blow-Knox Company. (See McCullough, Ray A., assignor.)
- Blu, Marshall A. (See Dempsey, L. E., and Blu.)
- Blucke, Rudolph W., assignor to Sangamo Electric Company, Springfield, Ill. Capacitor construction. 2,328,776; Sept. 7.
- Bludworth, Joseph E. (See Schneider, G., Bludworth, and Croft.)
- Bludworth, Joseph E., Cumberland, Md., assignor to Celanese Corporation of America. Preparation of aliphatic peracids by oxidation of aldehydes. 2,314,385; Mar. 23.
- Bludworth, Joseph E., Cumberland, Md., assignor to Celanese Corporation of America. Preparation of composite fabric. 2,326,121; Aug. 10.
- Bludworth, Joseph E., Cumberland, Md., assignor to Celanese Corporation of America. Chemical process. 2,333,696; Nov. 9.
- Blue, John, Laurinburg, N. C. Fertilizer distributor. 2,311,726; Feb. 23.
- Blue Line Chemical Co., The. (See Mulligan, Robert E., assignor.)
- Blue Ridge Glass Corporation. (See Lewis, Joseph H., assignor.)
- Bluechel, Joseph H. (See Smith, Alfred, assignor.)
- Bluehorn, William R., Hartford, Conn., and R. N. Nelson, Black River Falls, Wis. Incendiary bullet. 2,323,303; July 6.
- Bluemle, Arnold A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Electric switch. 2,314,684; Mar. 23.
- Bluemle, Arnold A., and W. E. Brown, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Lighting system. 2,309,039; Jan. 19.
- Bluemle, Arnold A. and W. E. Brown, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Pole reversing switch. 2,331,534; Oct. 12.
- Blum, Arthur N., Philadelphia, Pa. Cutting chain sharpener. 2,318,456; May 4.
- Blum, Arthur N., Philadelphia, Pa. Device for locking saw blades in frames. 2,335,141; Nov. 23.
- Blum, Irving M. (See Harmon, Frank B., assignor.)
- Blum, John. (See Lorenzen, A. L., and Blum.)
- Blume, Louis F., Pittsfield, Mass., assignor to General Electric Company. Regulating circuit. 2,325,936; Aug. 3.
- Blumenfeld, Joseph, New York, N. Y.; vested in the Allen Property Custodian. Preparation of compounds of cerium. 2,327,992; Aug. 31.
- Blumenthal, Edward A., Chicago, Ill. Radiator shutter construction. 2,314,476; Mar. 23.
- Blumer, Manuel. (See Libethson, L., and Blumer.)
- Blumlein, Alan D., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Transmission of electrical signals having a direct current component. 2,307,387; Jan. 5.
- Blumlein, Alan D., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Multiplex receiving system. 2,311,021; Feb. 16.
- Blumlein, Alan D., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Transmission of electrical signals having direct current components. 2,328,946; Sept. 7.
- Blumlein, Alan D., Ealing, London, F. Elythen, Hayes, and J. Hardwick, West Drayton, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Transmission of electrical signals having a direct current component. 2,307,375; Jan. 5.
- Blunk, William E., McGregor, Tex. Safety razor. 2,324,555; July 20.

- Blunt, James G., Schenectady, assignor to American Locomotive Company, New York, N. Y. Locomotive crosshead guide. 2,310,159; Feb. 2.
- Blunt, James G., Schenectady, assignor to American Locomotive Company, New York, N. Y. Railway vehicle truck. 2,325,468; July 27.
- Bly, Henry S., Redfield, S. D. Lawn mower. 2,329,383; Sept. 14.
- Blythen, Frank. (See Blumlein, A. D., Blythen, and Hardwick.)
- Boaler, William H. (See Guyler, A. F., Boaler, and Stanley.)
- Boaler, William H., and A. F. Guyler, Spondon, near Derby, England, assignors to Celanese Corporation of America. Knitting machine. 2,333,697; Nov. 9.
- Board of Trustees of College of Physicians and Surgeons. (See True, Harry A., assignor.)
- Board of Trustees of the Leland Stanford, Junior, University, The. (See Hansen, W. W., and Varian, Russell H., and S. F., assignors.)
- Board of Trustees of the Leland Stanford Junior University, The. (See Varian, R. H., and Hansen, assignors.)
- Boardman, Harry C., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Support for pipes. 2,307,915; Jan. 12.
- Boardman, Raymond, assignor to The Hart Manufacturing Company, Hartford, Conn. Light bulb. 2,327,396; Aug. 24.
- Boarmann, Robert W. (See Dickey, F. S., and Boardman.)
- Boath, Howard E., and C. F. MacNish, St. Louis, Mo., and H. Cole, Memphis, Tenn. Hydraulic gate construction. 2,317,975; May 4.
- Boatner, Charlotte H., assignor to B. D. E. Corporation, New Orleans, La. Production of allergic extracts. 2,316,311; Apr. 13.
- Boatright, Clyde E., San Pedro, Calif. Orthopter. 2,321,977; June 15.
- Boatwright, Stevens W., Tampa, Fla. Razor. 2,321,895; June 15.
- Bobbe, Henry J. (See Schloff, Meyer E., assignor.)
- Bobo, Stephen N., New York, N. Y. Food broiler rack. 2,310,349; Feb. 9.
- Bobrick, Arthur L., Los Angeles, Calif. (Liquid dispenser. 2,311,624; Feb. 23.
- Bobrick, Arthur L., Los Angeles, Calif. Liquid dispenser. 2,333,763; Nov. 9.
- Bobrov, Samuel H., Chicago, Ill. Exit roll for galvanizing pots. 2,315,150; Mar. 30.
- Bockhouse, Charles T., Ellerslie, Md., assignor to Celanese Corporation of America. Clamp tool. 2,334,240; Nov. 16.
- Boehm, Joseph, Milwaukee, Wis. Collet index fixture. 2,337,707; Dec. 28.
- Boell Corporation. (See Lang, Joseph C., assignor.)
- Boell Corporation. (See La Place, Desmond R., assignor.)
- Boell Corporation. (See Rindfleisch, Arthur G., assignor.)
- Boek, Ashley P. (See Booth, J. D., and Boek.)
- Boek, Ashley P., Catonsville, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical tuning device. 2,324,189; July 13.
- Boek, Charles S., assignor to Andrew Hoffman, Chicago, Ill. Door lock. 2,325,220; July 27.
- Boek, Eugen. (See Menger, A., and Boek.)
- Boek, Fred H., Astoria, Long Island, N. Y. Combined lock and alarm for windows and the like. 2,322,815; June 29.
- Boek, Frederick L., St. Louis, Mo. Evaporator. 2,322,110; June 15.
- Boek, George E. (See Hokanson, E. C., and Boek.)
- Boek, Louis H., Huntington Valley, and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Water-soluble carboxyethyl starch ethers. 2,316,128; Apr. 6.
- Boek, Louis H., Huntington Valley, and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Cyanocetyl starch ethers. 2,316,129; Apr. 6.
- Boek, Louis H., Huntington Valley, and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. N-polyalkylene polyaminomalonalamide. 2,325,567; July 27.
- Boek, Louis H., Huntington Valley, and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Novel dyeing effects. 2,330,775; Sept. 28.
- Boek, Louis H., Glenside, and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Preparing nitrogenous cellulose derivatives. 2,332,047; Oct. 19.
- Boek, Louis H., Huntington Valley, and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Preparation of water-soluble carboxyethyl cellulose ether. 2,332,048; Oct. 19.
- Boek, Louis H., Huntington Valley, and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Preparing organic solvent-soluble cellulose derivatives. 2,332,049; Oct. 19.
- Boek, Louis H., Huntington Valley, and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Stabilization of cellulosic fabrics. 2,336,340; Dec. 7.
- Boek, Louis H., Huntington Valley, and A. L. Houk, assignors to Röhm & Haas Company, Philadelphia, Pa. Changing the capacity of cellulosic fibers for dyes. 2,336,341; Dec. 7.
- Bockmühl, Max, and W. Persch, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Aromatic copper-mercaptop compound and a process of preparing it. 2,323,445; July 6.
- Bockonok, Stefan, Enola, Pa. Water gauge. 2,314,761; Mar. 23.
- Bodde, Bernard M., assignor to Movie Screen Advertising Company of Hollywood, Hollywood, Calif. Projector. 2,336,978; Dec. 14.
- Boddy, Edwin H., Erie, Pa., assignor to General Electric Company. Storage drawer assembly. 2,318,363; May 4.
- Bode, Hendrik W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave amplification. 2,315,040; Mar. 30.
- Bode, Hendrik W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coupling network. 2,337,965; Dec. 28.
- Bode, Theodore. (See Bostwick, D. H., and Bode.)
- Boden, Ernest G., assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing seal. 2,311,287; Feb. 16.
- Bodey, Charles E., Jr., assignor to Edward E. Johnson, Incorporated, St. Paul, Minn. Deep well screen. 2,310,507; Feb. 9.
- Bodey, Charles E., Jr., assignor to Edward E. Johnson, Incorporated, St. Paul, Minn. Well screen having wave contacting surfaces formed of plastic material. 2,314,477; Mar. 23.
- Bodie, George L., Chicago, Ill. Merchandising container. 2,335,636; Nov. 30.
- Bodine, Albert G., Jr., Burbank, assignor to American Liquid Gas Corporation, Los Angeles, Calif. Full range fuel mixer. 2,319,971; May 25.
- Bodine Corporation, The. (See Noel, Alfred J., assignor.)
- Bodkin, Irving S., assignor to Conrad Razor Blade Co., Inc., New York, N. Y. Razor blade receptacle. 2,319,761; May 18.
- Bodkin, William N., Panoia, Pa. Automatic program control mechanism. 2,318,048; May 4.
- Bodie, Virgil. (See Blair, G. W., and Bodie.)
- Bodman, John W., Winchester, assignor to Lever Brothers Company, Cambridge, Mass. Deducing process and the product thereof. 2,329,694; Sept. 21.
- Bodman, John W., Winchester, and F. F. Pease, Squantum, assignors to Lever Brothers Company, Cambridge, Mass. Partitioned soap and forming the same. 2,310,931; Feb. 16.
- Boecker, Benjamin C., Riverside, Conn., assignor to The Hydrojet Corporation, Wilmington, Del. Liquid circulator. 2,332,424; Oct. 26.
- Boecking, Ewald, Great Kills, Staten Island, N. Y. Motion picture projection machine. 2,312,308; Mar. 2.
- Boeddinghaus, Hugo, Newburgh, assignor to American Felt Company, New York, N. Y. Material for shoe stiffeners. Re. 22,320; May 25.
- Boecker, Karl, and K. Winnacker, Frankfort-on-the-Main-Hochst, Germany; vested in the Allen Property Custodian. Breaking agent for emulsions from crude petroleum and salt water and a breakage of said emulsions. 2,317,726; Apr. 27.
- Boedighimer, Raymond J., assignor to Chain Store Products Corporation, Chicago, Ill. Counting machine. 2,334,241; Nov. 16.
- Boegehold, Alfred L., assignor to General Motors Corporation, Detroit, Mich. Alloy malleable iron. 2,331,886; Oct. 19.
- Boeglen, Durwood L., Washington, D. C., and E. P. Lockart, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Wall construction. 2,318,362; May 4.
- Boehm, Norman J., Detroit, and D. E. Staub, Grosse Pointe Park, assignors to Allied Manufacturers, Inc., Detroit, Mich. Spreader leg and drag. 2,326,325; Aug. 10.
- Boehm, Paul F. (See Wetzler, C. E., and Boehm.)
- Boehm, Robert M. (See Mason, W. H., Boehm and Simpson.)
- Boehringer Corporation. (See Micheel, F., and Haarhoff, assignors.)
- Boeing Aircraft Company. (See Berry, Mitchell M., assignor.)
- Boeing Aircraft Company. (See Cooper, James B., assignor.)
- Boeing Aircraft Company. (See Haberlin, John F., assignor.)
- Boeing Aircraft Company. (See Halvorsen, Alfred, assignor.)
- Boeing Aircraft Company. (See Price, Nathan C., assignor.)
- Boeing Aircraft Company. (See Schairer, George S., assignor.)
- Boeing Aircraft Company. (See Terdina, Frank, Jr., assignor.)
- Boeker, Harold T., assignor to General Electric X-Ray Corporation, Chicago, Ill. Galvanometer. 2,322,816; June 29.
- Boelema, Jacob, Jr., Grand Rapids, Mich. Combination loose leaf notebook, paper container, and accessory kit. 2,318,192; May 4.
- Boelter, H. E., Annyside, Wash. Vegetable thinner and blocker. 2,316,663; Apr. 13.
- Boemle, Conrad R., Evansville, Ind. Automatic time control for radios. 2,309,040; Jan. 19.

- Boeing, Joseph W., Inglewood, Calif. Cutter feeding device. 2,325,364; July 27.
- Boerma, Henry E., assignor to Pneu-Hydro Road Machinery Co., Cadillac, Mich. Road planer. 2,310,057; Feb. 2.
- Boerner, Arthur R., Milwaukee, assignor to Bolens Products Company, Port Washington, Wis. Posture chair. 2,329,327; Sept. 14.
- Boerner, Lewis W., Newton Square, and F. J. Hogenmiller, Ardmore, assignors to National Foam System, Inc., Philadelphia, Pa. Pressure proportioner. 2,327,335; Aug. 24.
- Boersch, Hans, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Cathode ray tube. 2,335,637; Nov. 30.
- Boessé, Quincy W., New York, N. Y., assignor to Stapling Machines Co. Box. 2,329,170; Sept. 7.
- Boesel, Charles F., St. Louis, Mo. Absorbent closure cap for receptacles containing dry medicinal materials and the like. 2,317,882; Apr. 27.
- Boesel, Otto. (See Leonard, A. A., and Boesel.)
- Boessing, Ernest A., Long Beach, Calif., assignor to Buffalo Electro-Chemical Company, Inc., Tonawanda, N. Y. Removing carbon deposits from internal combustion engines. 2,313,730; Mar. 16.
- Boestad, Gustav K. W. (See Lysholm, A., and Boestad, assignor.)
- Boettcher, Justice G. (See Shugart, R. B., and Boettcher.)
- Boeye, Fred, Wheeling, Ill. Belt. 2,307,192; Jan. 5.
- Bogardus, Leonard R., Grosse Pointe Farms, assignor to Packard Motor Car Company, Detroit, Mich. Electric distribution system. 2,328,373; Aug. 31.
- Bogart, Abraham, Paterson, N. J. Nether garment. 2,321,123; June 8.
- Bogart, Marcel J. P., Teaneck, N. J., and J. S. F. Carter, Oceanide, assignors to The Lummus Company, New York, N. Y. Distillation. 2,311,180; Feb. 16.
- Bogdel, William A., New York, N. Y. Six-in-one carbide tool holder. 2,308,151; Jan. 12.
- Bogg, William A. (See Heiser, M. G., von Bergen and Bogg.)
- Boggess, Winfred D. (See Fallon, J. M., and Boggess.)
- Boggs, Henry R., assignor to Richards, Boggs & King, Inc., Chicago, Ill. Garment. 2,319,292; May 18.
- Boggs, William L. (See McEbin, W. C., Rauch, and Boggs.)
- Bogin, Charles, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Vinyl resin composition. 2,337,635; Dec. 28.
- Bogin, Charles, and H. L. Wampner, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Applying lacquer film having a flat finish. 2,312,309; Mar. 2.
- Bogner, Joseph G., Worthington, Ohio, assignor to The Jeffrey Manufacturing Company. Journal bearing. 2,335,638; Nov. 30.
- Bogner, Peter, assignor to Saml. Hamson & Son Limited, London, England. Provision of wire ribs in canisters. 2,329,328; Sept. 14.
- Bogner, William, Elmhurst, N. Y. Sausage smoking device. 2,308,740; Jan. 19.
- Bogoslawsky, Boris, New York, N. Y. Tensioning device. 2,314,070; Mar. 16.
- Bogue, Charles S., San Francisco, Calif. Machine for viewing, cutting, and segregating photographic film. 2,313,810; Mar. 16.
- Boh, George W., and W. E. Turner, assignors to O. B. Andrews Company, Chattanooga, Tenn. Bottle partition or divider. 2,330,671; Sept. 28.
- Bohall, Earle C. (See Carr, R. F., and Bohall, assignors.)
- Bohall, Wallace R. (See Carr, R. F., and Bohall, assignors.)
- Bohannan, Robert S., assignor to Toledo Scale Company, Toledo, Ohio. Hydraulic force transmission mechanism. 2,307,196; Jan. 5.
- Bohannan, Robert S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,313,609; Mar. 9.
- Bohannan, Robert S., assignor to Toledo Scale Company, Toledo, Ohio. Hydraulic force transmission mechanism. 2,330,797; Oct. 5.
- Bohannan, Robert S., assignor to Toledo Scale Company, Toledo, Ohio. Hydraulic weighing scale with temperature compensating means. 2,334,242; Nov. 16.
- Bohle, Kurt. (See Teschesche, R., and Bohle.)
- Bohler, Francis M., assignor of one-half to H. V. Greenwood, Vallejo, Calif. Veneer. 2,337,368; Dec. 21.
- Bohm, Victor, Poughkeepsie, N. Y. Furling or planking machine. 2,325,301; July 27.
- Bohman, Vincent F., Astoria, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,320,258; May 25.
- Bohmann, Arthur A. (See Krzencic, W. E. H., Scheibel, and Bohmann.)
- Bohmer, Charles W., Jr. (See Wright, D. L., and Bohmer.)
- Bohmer, Clarence I. (See Jaeger, G., Bohmer, and Gerst.)
- Bohmer, Clarence I., Columbus, Ohio, and C. Gerst, Detroit, Mich., assignors to The Jaeger Machine Company, Columbus, Ohio. Power take-off. 2,316,130; Apr. 6.
- Bohmalk, Benjamin H., Bronte, Tex. Distilling apparatus. 2,332,204; Oct. 19.
- Bohn Aluminum & Brass Corporation. (See Enderich, W. S., and Eggenschwiler, assignors.)
- Bohn Aluminum & Brass Corporation. (See Fiegel, William J., assignor.)
- Bohn Aluminum & Brass Corporation. (See Gillespie, Walter E., assignor.)
- Bohn, Gerald W. (See Greenlee, T. K., Bohn, and O'Day.)
- Bohn, Samuel, Clifton, N. J., assignor to American Hard Rubber Company, New York, N. Y. Refrigerator display case. 2,311,182; Feb. 16.
- Bohnembust, Alvin A., Kansas City, Kans., assignor, by name assignments, to H. E. Lindstrom, Sedalia, Mo. doing business under the name of Acme Broom Company. Mop. 2,310,508; Feb. 9.
- Bohner, Clyde C., assignor to Western Cartridge Company, New Haven, Conn. Hand lamp. 2,326,607; Aug. 10.
- Böhner, Georg, Edingen on the Neckar, B. Wendt, Dessau, and J. Eggert, Leipzig, Germany; vested in the Allen Property Custodian. Production of pigment-containing products. 2,316,535; Apr. 13.
- Bohnke, Herman C., Carnegie, assignor to Superior Paper Products Company, Crafton, Pa. Packing box. 2,321,063; June 8.
- Bohnstuck, John A., Waynesboro, Va., assignor to Hope-man Bros., Inc., New York, N. Y. Ship joiner bulkhead. 2,333,289; Nov. 2.
- Boho, Anton F., Newark, assignor of one-half to W. Leferts, Nutley, N. J. Ash tray. 2,323,293; July 6.
- Bohr, Jack C., et al. (See King, Emory O., assignor.)
- Boie, Heinrich, and K. Wulzinger, Ludwigshafen-on-the-Rhine, Germany, assignors to E. Billhuber Inc., Orange, N. J. Double compounds of calcium salicylate with pyrazolones. 2,323,193; June 29.
- Boileau, Arthur H., Cedar Rapids, Iowa, assignor to Cherry-Burrell Corporation, Chicago, Ill. Pasteurizer. 2,321,453; June 8.
- Boillat, Philippe, assignor to the firm Tavanues Machines Co. S. S., Tavanues, Switzerland. Lathe. 2,313,613; Mar. 9.
- Boisseau, Alexander C. (See Thumim, C. F., and Boisseau.)
- Boissou, Pierre, Pont a Mousson, Beurthe et Moselle, France; vested in the Allen Property Custodian. Filing element. 2,325,469; July 27.
- Bokovoy, Samuel A., Audubon, N. J., assignor to Radio Corporation of America. Mounting piezoelectric crystals. 2,315,392; Mar. 30.
- Bokovoy, Samuel A., Audubon, N. J., assignor to Radio Corporation of America. Mounting piezoelectric crystals. 2,321,358; June 8.
- Bokovoy, Samuel A., Audubon, N. J., assignor to Radio Corporation of America. Mounting piezoelectric crystals. 2,326,923; Aug. 17.
- Bokovoy, Samuel A., Audubon, and H. W. N. Hawk, Merchantville, N. J., assignors to Radio Corporation of America. Mounting piezoelectric elements. 2,312,746; Mar. 2.
- Boj, George, Palo Alto, Calif., assignor to General Electric Company. Liquid-cooled lamp. 2,312,232; Feb. 23.
- Bolcom, Clarence A., Ionia, Mich. Air conditioner. 2,327,242; Aug. 17.
- Bold, Herbert, Cleveland, Ohio. Tool. 2,333,233; Nov. 2.
- Bolden, George L., Gloucester, and J. L. M. Morrison, Bristol, assignors to F. N. F. Limited, Gloucester, England. Warp tension bar for textile machines. 2,328,430; Jan. 12.
- Boldizzoni, Tebaldo G., New York, N. Y. Machine for pressing gloves. 2,324,673; July 20.
- Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Control valve mechanism. 2,323,788; July 6.
- Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Clutch and brake control system. 2,328,606; Sept. 7.
- Bole, Charles A. (See Ramsay, W. S., and Bole.)
- Bolen, Edward P., and E. R. Detrick, assignors to National Automotive Fibres, Inc., Detroit, Mich. Trim material. 2,317,583; Apr. 27.
- Bolens Products Company. (See Boerner, Arthur R., assignor.)
- Boles, Thomas J., Chattanooga, Tenn. Wrapping and winding machine. 2,318,739; May 11.
- Bolesky, John D. (See Vaughan, V. G., and Bolesky.)
- Bolesky, John D., assignor to Metals & Controls Corporation, Attleboro, Mass. Control device. 2,327,336; Aug. 24.
- Boldens Gruvaktiebolag. (See Lindblad, A. R., Walidén, and Strandberg, assignors.)
- Boldens Gruvaktiebolag. (See Lundbäck, S. V., and Nilsson, assignors.)
- Bolin, D. Houston, et al. (See Derrick, Oscar L., assignor.)
- Bolinder's Fabriks Aktiebolag. (See Blide, Tord E. D., assignor.)
- Bolind, Guy C., et al. (See Mehl, Fred J., assignor.)
- Bolk, Willem, Arnhem, Netherlands; vested in the Allen Property Custodian. Filling a compression matrix with a pulverulent material. 2,312,997; Mar. 2.
- Boll, Frank E., Minneapolis, Minn. Combination sweep rake and stacker. 2,336,390; Dec. 7.
- Boller, Ernest R. (See Arnold, W. P., and Boller.)

- Boller, Ernest R., Twinsburg Township, Summit County, H. E. Haysden, Cuyahoga Falls, and R. H. Treadway, Decatur, Ill., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Color coating cellulosic materials. 2,317,436; Apr. 27.
- Boller, Henry A., Walled Lake, Mich., assignor to Carter Carburetor Corporation, St. Louis, Mo. Acceleration pump. 2,327,300; Aug. 17.
- Boller, John L., Thurmont, Md., assignor to Landis Tool Company, Waynesboro, Pa. Tool rotating mechanism. 2,307,382; Jan. 5.
- Bolley, Herschel C., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electric switch. 2,332,554; Oct. 26.
- Bollinger, Adrien L., Montreal, Quebec, Canada. Traction device. 2,328,777; Sept. 7.
- Bollinger, Carl. (See Turek, J. R., and Bolling.)
- Bollinger, Benjamin A., Chicago, assignor of forty-five one-hundredths to B. Williams, Evanston, and ten one-hundredths to R. Baker, Lake Bluff, Ill. Photographic glass plate. 2,329,384; Sept. 14.
- Bollinger, Frank E., Pittsburgh, and C. L. Kenney, Ben Avon, Pa. Pig casting apparatus. 2,317,581; Apr. 27.
- Bollinger, Frank E., Pittsburgh, and C. L. Kenney, Avon, Pa. Chain link mechanism for pig casting apparatus. 2,328,778; Sept. 7.
- Bol-Mac Products Company. (See McConohie, Levi L., assignor.)
- Bolser, Clark M., Cedar Falls, Iowa. Oil filter. 2,327,011; Aug. 17.
- Bolsky, Jacques, New York, N. Y. Cinematographic fading device. 2,319,204; May 18.
- Bolsky, Jacques, New York, N. Y. Film magazine. 2,319,630; May 18.
- Bolsky, Jacques, New York, N. Y. Film splicer. 2,327,856; Aug. 24.
- Bolsky, Jacques, New York, N. Y. Film threading system. 2,327,857; Aug. 24.
- Bolsky, Jacques, New York, N. Y. Exposure meter. 2,327,858; Aug. 24.
- Bolsky, Jacques, New York, N. Y. Combined view-finding and focusing device. 2,327,859; Aug. 24.
- Bolsky, Jacques, New York, N. Y. Film scraping device. 2,327,860; Aug. 24.
- Bolsky, Jacques, New York, N. Y. Film splicing device. 2,327,861; Aug. 24.
- Bolsterell, Arthur, Bethlehem, Pa., assignor, by mesne assignments, to Roller-Smith Company. Electric distribution system. 2,335,103; Nov. 23.
- Bolton, Harry M., Revere, Mass. Clamping device for template and stock used in shaping cutting dies. 2,319,915; May 25.
- Bolton, Harry M., Swampscott, assignor to Joseph E. Knox & Co., Inc., Lynn, Mass. Die. 2,334,379; Nov. 14.
- Boldt, Brown, Orange, and H. McNelly, Bloomfield, N. J., assignors, by mesne assignments, to said Boldt. Insulator. 2,307,986; Jan. 12.
- Bolten, John, Andover, Mass., and H. Spitz, Great Neck, N. Y. Garment hanger. 2,310,058; Feb. 2.
- Bolten, John, Andover, Mass., and H. Spitz, Great Neck, N. Y. Garment hanger having suspension members of plastic material. 2,318,664; May 11.
- Bolton, Elmer K., and D. D. Coffman, Wilmington, and L. Gilman, Arden, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric guanidines and preparing the same. 2,325,586; Aug. 3.
- Bolton, James F., Heywood, England. Treating sewage screenings which have already been removed from sewage. 2,308,264; Jan. 12.
- Bolton, James F., Heywood, England. Separating materials of different physical characters. 2,308,670; Jan. 19.
- Bolton, John W., & Sons, Inc. (See Schueler, Fred C., assignor.)
- Bolton, Marion A., Hancock, Mich. Bedpan. 2,320,845; June 1.
- Bolton, Maurice L., Philadelphia, Pa., assignor to U. S. Ring Traveler Co., Providence, R. I. Ring traveler. 2,320,212; May 25.
- Bolton, Maurice L., Philadelphia, Pa., assignor to U. S. Ring Traveler Co., Providence, R. I. Ring traveler. 2,320,213; May 25.
- Bolton, Ray F. (See Miller, L. C., and Bolton.)
- Bolton, Richard, Memphis, Tenn. Negative positioner for enlarging printers. 2,329,690; Sept. 21.
- Boltz, Fred S., Mansfield, Mass. Folding clothes drier and making same. 2,314,762; Mar. 23.
- Bomar, Ernest C., United States Army, Philadelphia, Pa. Cartridge case. 2,330,200; Sept. 28.
- Boman, Thomas G., Grand Rapids, Mich. Ironing cord holder. 2,317,976; May 4.
- Bombard, Charles P., Hudson Falls, assignor of one-half to M. A. Schweitzer, Albany, N. Y. Flush tank. 2,234,756; July 20.
- Bomford, Douglas R., Bevington Hall, near Evesham, assignor to Bomford & Evershed Limited, Salford Priors, near Evesham, England. Means or machinery for clearing or excavating ditches. 2,314,763; Mar. 23.
- Bomford & Evershed Limited. (See Bomford, Douglas R., assignor.)
- Bonander, John S., Camino, Calif. Dispenser. 2,309,234; Jan. 26.
- Bonanno, Joseph L., Maplewood, N. J., assignor to The Lionel Corporation, New York, N. Y. Coupler for toy railroad vehicles. 2,307,197; Jan. 5.
- Bonanno, Joseph L., Maplewood, N. J., assignor to The Lionel Corporation, New York, N. Y. Toy train controller. 2,316,551; Apr. 13.
- Bonanno, Joseph L., Maplewood, N. J., assignor to The Lionel Corporation, New York, N. Y. Push button controller. 2,317,727; Apr. 27.
- Bonanno, Joseph L., Maplewood, N. J., assignor to The Lionel Corporation, New York, N. Y. Toy railroad track switch. 2,325,471; July 27.
- Bonanno, Joseph L., Maplewood, N. J., assignor to The Lionel Corporation, New York, N. Y. Transformer. 2,335,382; Nov. 30.
- Bonanno, Joseph L., Maplewood, and A. Elvret, Hillside, N. J., assignors to The Lionel Corporation, New York, N. Y. Transformer. 2,312,382; Mar. 2.
- Bonanno, Joseph L., Maplewood, and A. Elvret, Hillside, N. J., assignors to The Lionel Corporation, New York, N. Y. Transformer. 2,323,470; July 27.
- Bond, Chester C., et al. (See Bond, Robert M., assignor.)
- Bond, Clark W., Littleton, Colo. Stationery padding device. 2,310,059; Feb. 2.
- Bond, Clinton H., assignor to The Wagner Manufacturing Company, Cedar Falls, Iowa. Elevator. 2,307,353; Jan. 5.
- Bond, Donald C. (See Ayers, G. W., Jr., Bond, and Henderson.)
- Bond, Donald C. (See Henderson, L. M., Ayers, Jr., and Bond.)
- Bond, Donald C. (See Henderson, L. M., and Bond.)
- Bond, Donald C., Northbrook, assignor to The Pure Oil Company, Chicago, Ill. Removing weakly acidic sulphur compounds from hydrocarbon liquids. 2,316,759; Apr. 20.
- Bond, Donald C., Northbrook, G. W. Ayers, Jr., Chicago, and L. M. Henderson, Winnetka, assignors to The Pure Oil Company, Chicago, Ill. Removing weakly acidic substances from water-immiscible liquids. 2,314,919; Mar. 30.
- Bond, Donald S., Philadelphia, Pa., assignor to Radio Corporation of America. Radio navigation system. 2,312,747; Mar. 2.
- Bond, Donald S., Philadelphia, Pa., assignor to Radio Corporation of America. Feedback amplifier circuits. 2,314,813; Mar. 23.
- Bond, Donald S., Philadelphia, Pa., assignor to Radio Corporation of America. Volume control circuit. 2,317,025; Apr. 20.
- Bond, Donald S., Philadelphia, and W. L. Carlson, Hadonfield, N. J., assignors to Radio Corporation of America. Self-orienting radio direction finder. 2,314,029; Mar. 18.
- Bond, Homer L., et al. (See Bond, Robert M., assignor.)
- Bond, John R. (See Greenlee, H. R., Britton, and Bond.)
- Bond Manufacturing Corporation, Inc. (See Pendergrast, A. H., and Benton, assignors.)
- Bond Manufacturing Corporation, Inc. (See Rogers, Louis F., assignor.)
- Bond, Orlando W., et al. (See Aca, John A., Jr., assignor.)
- Bond, Robert M., assignor of thirty percent to Chester C. Bond and thirty percent to Homer L. Bond, Akron, Ohio. Cigarette rolling device. 2,317,513; Apr. 27.
- Bond, Rolston L., Cranford, assignor to Tide Water Associated Oil Company, Bayonne, N. J. Lubricant composition. 2,323,789; July 6.
- Bond, William G. (See Stout, F. S., Bond, and Ladner.)
- Bondurant, Carlton W. (See Green, N. B., and Bondurant.)
- Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Speed responsive device. 2,308,265; Jan. 12.
- Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track switch connecting mechanisms. 2,309,746; Feb. 2.
- Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,312,019; Feb. 23.
- Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch rod connecting means. 2,316,312; Apr. 13.
- Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,316,030; Apr. 20.
- Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Speed responsive device. 2,318,740; May 11.
- Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,320,171; May 25.
- Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,326,924; Aug. 17.
- Bone, Herbert L., and J. W. Livingston, Forest Hills, assignors to The Union Switch & Signal Company, Swissvale, Pa. Generator and mounting means therefor. 2,313,916; Mar. 16.
- Bone, Herbert L., Forest Hills, and E. G. Little, Penn Township, Allegheny County, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,337,636; Dec. 28.

- Bonfield, Emmons W., assignor to American Box Board Company, Grand Rapids, Mich. Container. 2,315,105; Mar. 30.
- Bongiovanni, Anthony, Mamaroneck, N. Y. Shoe stretcher. 2,312,233; Feb. 23.
- Bonin, Wilfred A. (See Cook, R. T., and Bonin.)
- Bonnafé, Oliver W., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Rifling gun barrels. 2,317,514; Apr. 27.
- Bonnafé, Oliver W., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Work holder for broaching machines. 2,329,976; Sept. 21.
- Bonnafé, Oliver W., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Rifling gun barrels. 2,330,863; Oct. 5.
- Bonnafé, Oliver W., assignor to The La Pointe Machine Tool Company, Hudson, Mass. Lubricating apparatus for broaching machines. 2,333,147; Nov. 2.
- Bonnafoux, Paul, Lancaster, Calif. Hay breaker. 2,325,101; July 27.
- Bonnell, George M. (See Burns, M. E., and Bonnell.)
- Bonnell, Leonard S. (See Rollman, W. F., and Bonnell.)
- Bonnell, Ralph A., assignor to Northwestern Terra Cotta Corporation, Chicago, Ill. Wall construction. 2,328,779; Sept. 7.
- Bonnell, William S. (See Ackerman, W. A., and Bonnell.)
- Bonner, Douglas E., New York, N. Y. Electric motor control system. 2,334,988; Nov. 23.
- Bonnet, Charles F. (See Post, E. E., and Bonnet.)
- Bonnett, Howard T. (See Major, R. T., and Bonnett.)
- Bonnett, John. (See Smith, A. N., and Bonnett.)
- Bonneville Limited. (See Ferris, Lockwood W., assignor.)
- Bonneville, Limited. (See Weiner, Nathan, assignor.)
- Bonniwell, Clarence E., Eliot, Mich. Boot hanger. 2,322,188; June 15.
- Bono, Austin J., Revere, assignor to Fitwel Dress Co., Inc., Boston, Mass. Lady's garment. 2,334,144; Nov. 9.
- Bonotto, Michele, Princeton, N. J., assignor to D. Di Frasso, Beverly Hills, Calif. Refining hydrocarbon liquids. 2,336,589; Dec. 14.
- Bonsack, Walter, South Euclid, assignor to The National Smelting Company, Cleveland, Ohio. Melting furnace. 2,331,887; Oct. 19.
- Bonsall, Charles D., Chicago, Ill., assignor, by mesne assignments, to Standard Railway Devices Company. Refrigerant container. 2,307,987; Jan. 12.
- Bonsall, Charles D., Chicago, Ill., assignor to Standard Railway Devices Company. Refrigerator car. 2,307,988; Jan. 12.
- Bonsall, Charles D., assignor to Standard Railway Devices Company, Chicago, Ill. Refrigerator car. 2,313,120; Mar. 9.
- Bonsall, Charles D., Chicago, Ill., assignor to Standard Railway Equipment Manufacturing Company. Manufacturing seam caps. 2,326,293; Aug. 10.
- Bonsall, Charles D., Chicago, Ill., assignor to Standard Railway Devices Company. Refrigerator car construction. 2,328,947; Sept. 7.
- Bonsall, Charles D., Chicago, Ill., assignor to Standard Railway Equipment Manufacturing Company. Car roof. 2,333,383; Nov. 30.
- Bootharin, Leo Y., San Francisco, Calif. Safety apparatus for submarine. 2,313,461; Mar. 9.
- Book, Charles R., assignor to Eyelet Specialty Company, Waterbury, Conn. Socket. 2,327,164; Aug. 17.
- Book, Norman I. (See Norton, Orlo C., assignor.)
- Booker, Clyde A., Lexington, and A. E. Hill, Belmont, Mass. Tower support. 2,309,041; Jan. 19.
- Boon, Joseph L. (See Babcock, D. L., and Boon.)
- Boon, Joseph L. (See Wittel, O., and Boon.)
- Boon, Robert R., Durham, Calif. Boat propulsion device. 2,330,332; Sept. 28.
- Boone, James A. (See Bruce, E. A., and Boone.)
- Boone, Paul D., Washington, D. C. Rapid drying oil having conjugated system from soy bean oil. 2,308,152; Jan. 12.
- Boonton Molding Company. (See Sayre, Gordon B., assignor.)
- Boonton Radio Corporation. (See Barber, Alfred W., assignor.)
- Boonton Radio Corporation. (See Loughlin, William D., assignor.)
- Boor, Arthur. (See McIntyre, B. D., Read, and Boor.)
- Boor, Arthur, Toledo, Ohio, and C. E. Read, assignors to Monroe Auto Equipment Company, Monroe, Mich. Hydraulic shock absorber structure. 2,324,058; July 13.
- Boor, Arthur, Toledo, Ohio, J. M. Nickelsen, Ann Arbor, C. E. Read, and R. H. Whisler, Jr., assignors to Monroe Auto Equipment Company, Monroe, Mich. Shock absorber. 2,335,907; Dec. 7.
- Boor, Francis H., Lafayette, Ind., assignor to R. Baird. Fishing reel. 2,332,481; Oct. 19.
- Boor, Ladislav, New Canaan, and C. H. Bourdelaix, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Self-releasing machine drive. 2,314,193; Mar. 16.
- Boos, Edward C. (See Peter, C. H., and Boos.)
- Boos, Wilfred J., assignor to Walk-Easy Foot Rest Manufacturing Company, St. Louis, Mo. Orthopedic appliance. 2,311,925; Feb. 23.
- Boosey, Edward W. N., Detroit, Mich. Maintaining the water of swimming pools at a substantially uniform temperature. 2,315,184; Mar. 30.
- Boosey, Edward W. N., Detroit, Mich. Pipe coupling. 2,318,049; May 4.
- Boosey, Edward W. N., Detroit, Mich. Grease interceptor. 2,324,190; July 13.
- Boosey, Edward W. N., Detroit, Mich. Vacuum breaking faucet. 2,320,947; Oct. 5.
- Booth, Alice L., executrix. (See Booth, Levis M.)
- Booth, Alfred, Pendlebury, assignor of one-half to Fred Pearce, George C. Epsom, Surrey, England. Variable speed gear. 2,328,544; Sept. 7.
- Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Chair. 2,317,515; Apr. 27.
- Booth, Harold S., Cleveland Heights, Ohio. Fuel tank. 2,307,616; Jan. 5.
- Booth, James D., and A. P. Bock, Catonsville, Md., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Two-wire radio transmission. 2,310,060; Feb. 2.
- Booth, Jennie I. (See Booth, John H., and J. I.)
- Booth, Jesse J., Duquesne, Pa. Safety guard for punch presses and the like. 2,315,151; Mar. 30.
- Booth, John H., and J. I., Lapley, England. Lock mechanism. 2,327,243; Aug. 17.
- Booth, Lewis M., deceased, by A. L. Booth, Plainfield, N. J. Manufacturing paper and board. 2,315,892; Apr. 6.
- Booth, Morris F., Alden, Mich. Heat exchange unit. 2,322,341; June 22.
- Booth, Robert B., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Portland cement compositions. 2,307,485; Jan. 5.
- Booth, Robert B., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Increasing the plasticity of Portland cement mixtures. 2,311,288; Feb. 16.
- Booth, Robert B., Springfield, Conn., assignor to American Cyanamid Company, New York, N. Y. Increasing the plasticity of Portland cement mixtures. 2,311,289; Feb. 16.
- Booth, Robert B., Springfield, Conn., assignor to American Cyanamid Company, New York, N. Y. Increasing the plasticity of Portland cement mixtures. 2,311,290; Feb. 16.
- Booth, Robert B., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Drilling mud. 2,318,284; May 4.
- Booth, Robert B., Springdale, Conn., assignor to Chemical Construction Corporation, New York, N. Y. Treatment of liquids from paper making processes. 2,335,209; Nov. 23.
- Booth, William E., Runcorn, England, assignor to Imperial Chemical Industries Limited. Degreasing of metal articles. 2,310,569; Feb. 9.
- Boothby, Albion, Newton, Mass. Container made of paper. 2,337,865; Dec. 28.
- Boothby, Walter M., and A. H. Bulbulian, Rochester, Minn. Aviation mask. 2,336,979; Dec. 14.
- Boothman, Percy R., Keighley, England. Fire hose nozzle. 2,313,614; Mar. 9.
- Boothroyd, Hubert, Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,307,103; Jan. 5.
- Boothroyd, Hubert, Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Perforating machine provided with clutch control mechanisms. 2,315,041; Mar. 30.
- Boots Aircraft Nut Corporation. (See Murphy, Howard J., assignor.)
- Booty, Philip C. P., assignor to L. W. Fricke, Chicago, Ill.; D. L. Fricke, executrix of said Leslie W. Fricke, deceased. Method of and apparatus for applying swatches. 2,325,578; July 27.
- Boraks, Louis, Brighton, assignor to Liberty Mutual Insurance Company, Boston, Mass. Guard device for paper or like machines. 2,326,608; Aug. 10.
- Borberg, Willy, Astoria, Long Island, assignor to International Projector Corporation, New York, N. Y. Adjusting mechanism for gears. 2,328,123; Aug. 31.
- Borchardt, Lester F., assignor to General Mills, Inc., Minneapolis, Minn. Chemical treatment apparatus. 2,314,119; Mar. 16.
- Borchers, Earl. (See Aldeen, G. W., and Borchers.)
- Borchers, Earl, assignor to American Cabinet Hardware Corporation, Rockford, Illinois, Rockford, Ill. Catch. 2,322,817; June 29.
- Borchers, Earl, assignor to American Cabinet Hardware Corporation, Rockford, Ill. Catch assembly. 2,330,403; Sept. 28.
- Borchers, Irvin E., La Fayette, Ind., assignor to De Kalb Agricultural Association, Inc., De Kalb, Ill. Corn sheller. 2,325,654; Aug. 3.
- Borchers, Irvin E., La Fayette, Ind., assignor to De Kalb Agricultural Association, Inc., De Kalb, Ill. Machine for removing husks and silks from corn. 2,328,607; Sept. 7.
- Borchers, William G., assignor to Autographic Register Company, Hoboken, N. J. Manifolding register and method. 2,319,184; May 11.
- Borchers, William G., assignor to Autographic Register Company, Hoboken, N. J. Pull-out register. 2,337,369; Dec. 21.

- Borden Company, The. (See Beardslee, Arthur C., assignor.)
- Borden Company, The. (See Erikson, Arthur B., assignor.)
- Borden Company, The. (See Kabel, Hans L., assignor.)
- Borden Company, The. (See Leonardson, C. S., and White, assignors.)
- Borden Company, The. (See Salzberg, H. K., and Kinney, assignors.)
- Borden Company, The. (See White, Donald J., assignor.)
- Borden, Edmund G., Little Neck, assignor to Cities Service Oil Company, New York, N. Y. Recovery and conversion of olefinic hydrocarbons. 2,308,856; Jan. 19.
- Borden, George R., Jr., Blaine, Wash. Repair of broken lighting filaments. 2,328,187; Aug. 31.
- Borden, Henry M., Minneapolis, Minn. Door check. 2,337,966; Dec. 28.
- Borden, John A., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Apparatus for dispensing and hemming adhesive tape. 2,309,093; Jan. 26.
- Borden Mfg. Co. (See Bourque, Philip, assignor.)
- Borden, Perry A. (See Hicks, J. R., and Borden.)
- Border, Lawson E., Wood River, Ill. assignor to Shell Development Company, San Francisco, Calif. Reconditioning used solvent solutions. 2,315,480; Mar. 30.
- Border, Lawson E., Wood River, Ill. assignor to Shell Development Company, San Francisco, Calif. Solvent process for the removal of mercaptans. 2,315,766; Apr. 6.
- Border, Lawson E., Alton, Ill. assignor to Shell Development Company, San Francisco, Calif. Reconditioning used solvent solutions. 2,337,225; Dec. 21.
- Borden Mfg. Co. (See Bourque, Philip, assignor.)
- Bordonaro, Lucian E., Rochester, N. Y. assignor to American Telephone and Telegraph Company. Ribbon sifting mechanism. 2,312,314; Mar. 2.
- Borel, Edouard V., Remont, Switzerland, assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauxy & Cirey, Paris, France. Electric furnace for melting glass. 2,313,217; Mar. 9.
- Boren, John W., Marinette, Wis. Hospital table. 2,318,458; May 4.
- Boren, John W., Marinette, Wis. Hospital bed construction. 2,336,454; Dec. 14.
- Borg, George W., Corporation. (See Gibbs, Thomas B., assignor.)
- Borg, George W., Corporation, The. (See Ralston, Walter E., assignor.)
- Borg, George W., Corporation. (See Wickham, Parker B., assignor.)
- Borg, Gustave A., assignor to General Fire Extinguisher Company, Providence, R. I. Compression coupling. 2,318,835; May 11.
- Borg-Warner Corporation. (See Anderson, Edmund B., assignor.)
- Borg-Warner Corporation. (See Armantrout, Kenneth M., assignor.)
- Borg-Warner Corporation. (See Baule, Werner G., assignor.)
- Borg-Warner Corporation. (See Carlson, Raymond A., assignor.)
- Borg-Warner Corporation. (See Carnagua, Harold E., assignor.)
- Borg-Warner Corporation. (See Carnagua, H. E., and Osborne, assignors.)
- Borg-Warner Corporation. (See Conkle, Carl J., assignor.)
- Borg-Warner Corporation. (See Cravener, Donald H., assignor.)
- Borg-Warner Corporation. (See Davis, Ernest F., assignor.)
- Borg-Warner Corporation. (See Flinn, George E., assignor.)
- Borg-Warner Corporation. (See Gamble, David E., assignor.)
- Borg-Warner Corporation. (See Haigh, Vaughn, assignor.)
- Borg-Warner Corporation. (See Ingersoll, Roy C., assignor.)
- Borg-Warner Corporation. (See Moffitt, William E., assignor.)
- Borg-Warner Corporation. (See Moore, Charles A., assignor.)
- Borg-Warner Corporation. (See Mueller, M. L., and Neumann, assignors.)
- Borg-Warner Corporation. (See Nutt, Harold, assignor.)
- Borg-Warner Corporation. (See Nutt, H., and Reed, assignors.)
- Borg-Warner Corporation. (See Nutt, H., and Smirl, assignors.)
- Borg-Warner Corporation. (See Orr, Palmer, assignor.)
- Borg-Warner Corporation. (See Osborne, Carl W., assignor.)
- Borg-Warner Corporation. (See Osborne, William B., assignor.)
- Borg-Warner Corporation. (See Patrick, Willbur W., assignor.)
- Borg-Warner Corporation. (See Potgieter, F. M., and Larsen, assignors.)
- Borg-Warner Corporation. (See Reed, Harold V., assignor.)
- Borg-Warner Corporation. (See Robbins, Henry H., assignor.)
- Borg-Warner Corporation. (See Simpson, John M., assignor.)
- Borg-Warner Corporation. (See Smirl, Richard L., assignor.)
- Borg-Warner Corporation. (See White, Samuel O., assignor.)
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivative. 2,312,684; Mar. 2.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivative. 2,312,685; Mar. 2.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Tall-oil refining. 2,315,534; Apr. 6.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Tall-oil refining. 2,316,499; Apr. 13.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene condensation product. 2,323,846; June 1.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivative. 2,321,978; June 15.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivative. 2,321,979; June 15.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Sandpaper manufacture. 2,325,172; July 27.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Depilatory. 2,326,609; Aug. 10.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Emulsions. 2,326,610; Aug. 10.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Polymerizing rosin and rosin esters. 2,327,165; Aug. 17.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Phonograph record. 2,327,862; Aug. 24.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Impregnating and coating composition and production. 2,335,908; Dec. 7.
- Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Rosin composition. 2,335,909; Dec. 7.
- Borgward, Carl, Bremen, Germany; vested in the Alien Property Custodian. Rigid rear axle for motor vehicles. 2,323,007; June 29.
- Borgward, Carl F. W., Bremen, Germany; vested in the Alien Property Custodian. Steering gear. 2,332,838; Oct. 26.
- Borisch, Henry C., Milwaukee, assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Seat cushion. 2,309,438; Jan. 26.
- Borisch, Henry C., Milwaukee, assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Seat cushion. 2,309,570; Jan. 26.
- Borke, Andrew V., Collegeville, Pa. Dairy animal restraining arm. 2,328,188; Aug. 31.
- Borkowski, Casimir J., Chicago, and J. L. Schille, Berwyn, Ill., assignors to The Best Foods, Inc., New York, N. Y. Preparation and use of catalyst. 2,320,063; May 25.
- Bordad, Bruce, Chicago, Ill. Seal. 2,314,814; Mar. 23.
- Born, Ferdinand H., Elgin, Ill. Body and fender hammer. 2,332,050; Oct. 19.
- Born, William T. (See Weatherby, B. B., and Born.)
- Born, William T., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Seismic surveying. 2,324,816; July 20.
- Bornemann, William. (See Tuttle, C. M., and Bornemann.)
- Börner, Karl, Dessau, Germany; vested in the Alien Property Custodian. Treatment of casein fibers. 2,335,576; Nov. 30.
- Borngraber, Royce R. (See Hyland, W. A., and Borngraber.)
- Bornscheuer, Alice C. (See Bornscheuer, Ernest, assignor.)
- Bornscheuer, Ernest, Brooklyn, assignor of one-half to Alice C. Bornscheuer, New York, N. Y. Hull construction. 2,321,980; June 15.
- Borue, Philip, assignor to Borden Mfg. Co., Inc., Detroit, Mich. Electrode holder. 2,311,022; Feb. 16.
- Borst, David W., Schenectady, N. Y., assignor to General Electric Company. Electric control system. 2,331,103; Oct. 5.
- Borst, Douglas R. (See Cook, E. S., and Borst.)
- Borst, Douglas R. (See Hines, C. M., and Borst.)
- Borst, Douglas R., Etc., and Claude M. Hines, Pittsburgh, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle brake control system. 2,329,762; Sept. 21.
- Borth, Edward C., Watertown, Wis. Toy gun. 2,313,721; Mar. 16.

- Bortini, Franco, Pavia, Italy; vested in the Alien Property Custodian. System and device for measuring the quantity of air sent out in one or more breaths. 2,326,925; Aug. 17.
- Bortnick, Ephim, New York, N. Y. Sound attachment device for motion picture machines. 2,315,309; Mar. 30.
- Borton, Alwyn E., South Orange, assignor to Associated Patentees, Inc. Ampere, N. J. Reel. 2,326,092; Aug. 3.
- Borton, Glen E., Munson, Mich. Electric fence charger. 2,311,634; Feb. 23.
- Bortz, Harry A., Pittsburgh, Pa. Refrigerated cabinet. 2,313,510; Mar. 9.
- Boschen, Ludwig F., New York, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Clutch control mechanism. 2,325,102; July 27.
- Bosco, George B., Chicago, Ill. Concrete form. 2,310,669; Feb. 9.
- Dosco, George B., Chicago, Ill. Screw clamp. 2,314,566; Mar. 30.
- Bose, John E. (See Jacobus, D. D., and Bose.)
- Boskovich, Frank. (See Ljubetich, Carmen and D., Boskovich, and Jonch.)
- Bosland, Herman S. (See La Piana, F. G., and Bosland.)
- Bosomworth, George P. (See Novotny, C. K., and Bosomworth.)
- Bosomworth, George P., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vulcanizer. 2,305,948; Jan. 19.
- Bosomworth, George P., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Latex depositing apparatus. 2,324,977; July 20.
- Bosomworth, George P., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vulcanizing method and apparatus. 2,324,981; July 20.
- Bossard, Gilbert L., Los Angeles, Calif., assignor to M. W. Agnew, Hopkinsville, Ky. Signaling device. 2,307,104; Jan. 5.
- Bossart, Paul N. (See Canetta J., and Bossart.)
- Bossart, Paul N., Cheswick, assignor to The Union Switch & Signal Company, Swissvale, Pa. Transmitting apparatus for railway train communicating systems. 2,309,747; Feb. 2.
- Bossart, Paul N., Cheswick, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical network apparatus. 2,324,059; July 13.
- Bossmeyer, Charles L., Stratford, and S. Yerkovitch, Bridgeport, Conn., assignors to Dictaphone Corporation, New York, N. Y. Clutch. 2,320,611; Aug. 10.
- Bosten, Norman W., and M. Solomon, Los Angeles Calif. Reflector lamp. 2,334,899; Nov. 23.
- Bosten, Norman W., and M. Solomon, Los Angeles Calif. Reflector lamp. 2,334,900; Nov. 23.
- Bostlek, David R., Hopkinsville, Ky. Apparatus for feeding materials. 2,307,008; Jan. 5.
- Bostock, Raymond N. (See Lehmann, O. P. R., and Bostock.)
- Boston, David W. (See Kolb, O. K., and Boston.)
- Boston, John P. (See Peters, M. F., and Boston.)
- Boston, John P. (See Peters, M. F., Boston, and Davis.)
- Boston Machine Works Company. (See Osgood, Walter P., assignor.)
- Boston Wire Stitcher Company. (See Cavanagh, John F., assignor.)
- Boston Wire Stitcher Company. (See Goodstein, Charles B., assignor.)
- Boston Wire Stitcher Company. (See Lindstrom, Charles M., assignor.)
- Boston Wire Stitcher Company. (See Maynard, Arthur H., assignor.)
- Boston Woven Hose & Rubber Company. (See Marcy, Grosvenor D., assignor.)
- Boston Woven Hose & Rubber Company. (See Walton, J. C., and G. E. Hall, assignors.)
- Boswau, Hans P., Lorain, Ohio. Automatic telephone system. 2,307,757; Jan. 12.
- Boswau, Hans P., Lorain, Ohio. Automatic telephone system. 2,322,219; June 22.
- Boswau, Hans P., assignor to The Lorain County Radio Corp., Lorain, Ohio. Signaling system. 2,325,829; Aug. 3.
- Boswau, Hans P., Lorain, Ohio, assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,335,481; Mar. 30.
- Bostwick, Douglas H., and T. Bode, assignors to The Wisconsin Chair Company, Port Washington, Wis. Feed mechanism for saws. 2,332,888; Oct. 26.
- Bostwick, Henry C., assignor to The Akron Standard Mold Company, Akron, Ohio. Collapsible form. Re. 22,369; Aug. 31.
- Bostwick, Henry C., assignor to Akron Standard Mold Company, Akron, Ohio. Toggle press. 2,310,674; Feb. 9.
- Bostwick, Henry C., assignor to The Akron Standard Mold Company, Akron, Ohio. Tire-making drum. 2,335,169; Nov. 23.
- Bostwick, Myron A., Budd Lake, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Network distribution system 2,310,832; Feb. 9.
- Bostwick, Myron A., Budd Lake, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Network distribution system. 2,315,585; Apr. 6.
- Bostwick, Myron A., Budd Lake, and R. M. Smith, Livingston, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pilot-wave supervisory circuit. 2,318,364; May 4.
- Boswinkle, George, assignor to Transportation Specialties Company, Chicago, Ill. Refrigerator car. 2,323,446; July 6.
- Bosworth, Thomas E., Cranston, R. I., assignor, by mesne assignments, to G. P. Kimmel, Brookeville, Md. Ophthalmic mounting. 2,329,031; Sept. 7.
- Bosworth, William H., Yonkers, assignor to George Hals Manufacturing Co. Inc. New York, N. Y. Material handling machine. 2,332,839; Oct. 26.
- Botany Worst Mills. (See Andreotto, Angelo, assignor.)
- Botkin, John W., Nocona, Tex., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Apparatus for cementing wells. 2,327,092; Aug. 17.
- Botley, Richard M., assignor to Hawaiian Pineapple Company, Limited, Honolulu, T. H. Carton, carton blanks, and making same. 2,324,757; July 20.
- Botsford, Nelson, Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inductance apparatus. 2,333,148; Nov. 2.
- Botta, Fred, Astoria, N. Y. Clothes rack. 2,317,437; Apr. 27.
- Böttger, Alfred. (See Röber, C. F., and Böttger.)
- Böttger, Very, Stolberg, I. E., Germany; vested in the Alien Property Custodian. Sewing machine. 2,308,910; Jan. 19.
- Bottomley, Francis H., Big Spring, Tex., assignor, by mesne assignments, to The Gray Processes Corporation. Treatment of hydrocarbon oils. 2,312,020; Feb. 23.
- Bottoms, Robert R., Crestwood, Ky. Hydrogenolysis of polyhydric alcohols. 2,335,731; Nov. 30.
- Bottonari, Samuel A. (See Langguth, P. O., and Bottonari.)
- Bouchal, Jerry J., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Drill. 2,332,295; Oct. 19.
- Bouchard, Blanche E. (See Du Grenier, F. C., and (Perri, assignor).)
- Boucher, Charles L. (See de Lange, C., and Boucher.)
- Boucher, Charles P., Paterson, N. J., assignor to Boucher Inventions, Ltd., Washington, D. C. Luminescent tube system. 2,312,866; Mar. 2.
- Boucher, Charles P., Paterson, N. J., assignor to Boucher Inventions, Ltd., Washington, D. C. Transformer apparatus. 2,312,867; Mar. 2.
- Boucher, Charles P., Paterson, N. J., assignor to Boucher Inventions, Ltd., Washington, D. C. Transformer. 2,312,868; Mar. 2.
- Boucher, Charles P., Paterson, N. J., assignor to Boucher Inventions, Ltd., Washington, D. C. Luminescent tube lighting apparatus. 2,317,845; Apr. 27.
- Boucher, Charles P., Paterson, N. J., assignor to Boucher Inventions, Ltd., Washington, D. C. Transformer. 2,321,357; June 8.
- Boucher, Charles P., Paterson, N. J., assignor to Boucher Inventions, Ltd., Washington, D. C. Transformer. 2,323,703; July 6.
- Boucher, Charles P., Paterson, N. J., assignor to Boucher Inventions, Ltd., Washington, D. C. Transformer. 2,331,369; Oct. 12.
- Boucher, Charles P., Paterson, N. J., assignor to Boucher Inventions, Ltd., Washington, D. C. Transformer apparatus. 2,335,910; Dec. 7.
- Boucher, Charles P., Paterson, N. J., assignor to Boucher Inventions, Ltd. Transformer apparatus. 2,336,665; Dec. 14.
- Boucher, Charles P., Paterson, and F. Kuhl, Ridgewood, N. J., assignors to Boucher Inventions, Ltd., Washington, D. C. Luminescent tube system and apparatus. 2,317,844; Apr. 27.
- Boucher, Frank G., Tulsa, Okla., assignor to Standard Oil Development Company. Measuring device. 2,318,665; May 11.
- Boucher, Frank G., Tulsa, Okla., assignor to Standard Oil Development Company. Leveling device. 2,322,615; June 22.
- Boucher, Frank G., Tulsa, Okla., assignor to Standard Oil Development Company. Gravity meter. 2,327,697; Aug. 24.
- Boucher, Frank G., Tulsa, Okla., assignor to Standard Oil Development Company. Orienting device. 2,332,777; Oct. 26.
- Boucher Inventions, Ltd. (See Boucher, Charles P., assignor.)
- Boucher Inventions, Ltd. (See Boucher, C. P., and Kuhl, assignors.)
- Bouchillon, Farris O., Chattanooga, Tenn. Scaffolding. 2,323,195; June 29.
- Boucke, Heinz, Berlin-Charlottenburg, Germany, assignor, by mesne assignments, to Patents Research Corporation, New York, N. Y. Automatic electronic control system. 2,315,042; Mar. 30.

- Boucke, Heinz, Berlin-Charlottenburg, Germany, assignor, by mesne assignments, to Patents Research Corporation, New York, N. Y. Electric amplifier system. 2,315,043; Mar. 30.
- Boucke, Heinz, Berlin-Charlottenburg, Germany; vested in the Allen Property Custodian. Audio band width control. 2,320,558; June 1.
- Boucke, Heinz, Berlin, Germany; vested in the Allen Property Custodian. Automatic control of tuning and band width. 2,327,244; Aug. 17.
- Boucet, Yves A., West Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Tool. 2,315,586; Apr. 6.
- Boughton, Cecil T., Canton, and K. H. Miller, North Canton, assignors to Diebold Safe & Lock Company, Canton, Ohio. Upwardly opening safe. 2,335,232; Nov. 30.
- Boughton, Fred W., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic copying paper. 2,324,080; July 13.
- Boughton, Olin W., Victor, and H. F. Kurtz, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Trial frame. 2,337,868; Dec. 28.
- Bouhuys, Aleidus G., assignor to American Edeka Corporation, Enka, N. C. Elongated structure formed from synthetic materials. 2,318,457; May 4.
- Bouliigny, Ralph H. (See Rowe, Oliver B., assignor.)
- Bouma, Wikke, Glendale, Calif. Film viewer. 2,311,204; Feb. 16.
- Bourassa, Joseph W. (See Kennedy, J. A., and Bourassa.)
- Bourdelaïs, Chesman H. (See Boor, L., and Bourdelaïs.)
- Bourges, Albert R., New York, N. Y. Ornamentation. 2,336,590; Dec. 14.
- Bourke, Thomas N., Grosse Pointe, Mich. Seal for kegs. 2,328,048; Sept. 7.
- Bourne, Harry K., Rugby, England, assignor to General Electric Company. Temperature regulation system for electric discharge devices. 2,329,584; Sept. 14.
- Bourne, Harry K., Rugby, and L. J. Capp, Davenport, England, assignors to General Electric Company. High pressure mercury vapor discharge device. 2,321,178; June 8.
- Bourne, Roland B., West Hartford, assignor to The Maxim Silencer Company, Hartford, Conn. Sound attenuating device. Re. 22,243; Mar. 9.
- Bourne, Roland B., West Hartford, assignor to The Maxim Silencer Company, Hartford, Conn. Silencer. 2,326,612; Aug. 10.
- Bourne, Roland B., West Hartford, and J. P. Tyskewicz, assignors to The Maxim Silencer Company, Hartford, Conn. Silencer. 2,326,613; Aug. 10.
- Bourne, William A., Erith, and H. W. E. Gardiner, Hatch End, England, assignors to General Electric Company. Liquid-cooled lamp. 2,335,525; Dec. 14.
- Bourque, Philip, assignor to Borden Mfg. Co., Inc., Detroit, Mich. Electrode holder. 2,336,712; Dec. 14.
- Bouret, Raymond R. (See Cone, H. M., Jr., Bouret, and Michelfelder.)
- Bousman, Samuel I., assignor to Western Machinery Company, San Francisco, Calif. Adjustable eccentric. 2,310,209; Feb. 9.
- Bousquet, Euclid W., J. E. Kirby, and N. E. Searle, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,335,354; Nov. 30.
- Bousquet, L. Roche G., Baldwin, and D. W. Young, Flushing, assignors to General Chemical Company, New York, N. Y. Titanium solution manufacture. 2,313,615; Mar. 9.
- Bousquet, L. Roche G., Baldwin, and M. J. Brooks, assignors to General Chemical Company, New York, N. Y. Production of titanium sulphate. 2,327,166; Aug. 17.
- Bousman, Samuel I., assignor to Western Machinery Company, San Francisco, Calif. Blade release mechanism for sedimentation units. 2,337,226; Dec. 21.
- Bouton, George M., Madison, G. S. Phipps, Chatham, and E. E. Schumacher, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Making repairs and joints in cable sheaths. 2,321,731; June 15.
- Bouton, William E., Atascadero, Calif. Attachment for rakes. 2,307,448; Jan. 5.
- Bouwers, Albert, Eindhoven, Netherlands; vested in the Allen Property Custodian. X-ray tube. 2,313,009; Mar. 2.
- Bouwers, Albert, Eindhoven, Netherlands; vested in the Allen Property Custodian. X-ray tube. 2,320,559; June 1.
- Bovard, Charles M., assignor to Cooper-Bessemer Corporation, Mount Vernon, Ohio. Valve for fuel injection systems. 2,310,350; Feb. 9.
- Bovard, Floyd G., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Cutting-off machine. 2,327,863; Aug. 24.
- Bovee, Ransom V., Venice, Calif. Explosive type engine. 2,316,394; Apr. 13.
- Bouvet, René, Drexel Hill, and W. L. Spann, Boothwyn, Pa., assignors to American Viscose Corporation, Wilmington, Del. Thread-guiding arrangement. 2,332,889; Oct. 26.
- Bovio, Albert T., Beverly, Mass., assignor to Sylvania Electric Products Inc. Flare holder. 2,322,725; June 22.
- Bow Arch Corporation. (See Rietzke, August, assignor.)
- Bowan, Walter J. (See Mueller, F. H., and Bowan.)
- Bowan, Walter J. (See Mueller, F. H., Bowan, and Fawley.)
- Bowan, Walter J., and E. H. Fawley, assignors to Mueller Co., Decatur, Ill. Stopper for pipes. 2,310,351; Feb. 9.
- Bowden, Charles W., Jr., Swarthmore, Pa., assignor to Hercules Powder Company, Wilmington, Del. Modified phenolic resin and production. 2,324,758; July 20.
- Bowden (Engineers) Limited. (See Melsom, Walter A., assignor.)
- Bowden (Engineers) Limited. (See Tondeur, René, assignor.)
- Bowden, Henry, Norfolk, Va. Combined razor strap and retainer. 2,331,370; Oct. 12.
- Bowdill, Company, The. (See Morrow, Harry M., assignor.)
- Bowdoin, George E., New York, and W. Strobbridge, Syracuse, assignors to United States Hoffman Machinery Corporation, New York, N. Y. Apparatus for drying. 2,321,124; June 8.
- Bowe, Thomas A., Hilbert, Wis. Steering gear for wheeled vehicles. 2,333,149; Nov. 2.
- Bowen, Arthur, Los Angeles, Calif., assignor to Clay Adams Co. Inc., New York, N. Y. Wound clip protector. 2,307,384; Jan. 5.
- Bowen, Bill, and R. L. Houghton, assignors to Ideal Aeroplane & Supply Co., Inc., New York, N. Y. Uncoupling means for the cars of toy trains. 2,318,741; May 11.
- Bowen, Herbert C., Cassopolis, Mich., assignor to Bendix Heavy Appliances Inc., South Bend, Ind. Belt transmission mechanism. 2,337,586; Dec. 28.
- Bowen, Kenneth D., assignor to The Dow Chemical Company, Midland, Mich. Rotameter construction. 2,311,181; Feb. 16.
- Bowen, Kenneth H., and L. W. Gane, assignors to Columbian Rope Company, Auburn, N. Y. Sponge rubber and makiing. 2,324,466; July 20.
- Bowen, Orville R., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Porous metal. 2,310,061; Feb. 2.
- Bowen, William S., Westfield, N. J. Flocculator head. 2,308,353; Jan. 12.
- Bowen, William S., Westfield, N. J. Venturi dust collector. 2,322,414; June 22.
- Bowen, William S., Westfield, N. J. Atomizer. 2,333,150; Nov. 2.
- Bowen, William S., Westfield, N. J. Drying and chilling chamber. 2,335,732; Nov. 30.
- Bower, Ebon B., Bellefonte, Pa. Digging machine for root crops. 2,327,590; Aug. 24.
- Bower, George D., assignor to Automatic Control Corporation, St. Louis, Mo. Cyclic thermostat control. 2,323,370; July 6.
- Bower, George W., Harbor Creek, Pa., assignor to General Electric Company. Centrifugal switch. 2,333,977; Nov. 9.
- Bower, Jerome G., New York, N. Y., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Railway car truck. 2,312,333; Mar. 2.
- Bower, Kline E., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound signal. 2,307,989; Jan. 12.
- Bower Roller Bearing Company. (See Johnson, Glen F., assignor.)
- Bowerman, Ray, Niles, Mich. Chuck handling device for lathes. 2,315,393; Mar. 30.
- Bowers, Claude E., Los Angeles, Calif. Cable connector. 2,315,685; Apr. 6.
- Bowers, Donald E., Los Angeles, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of tin naphthenate. 2,311,310; Feb. 16.
- Bowers, Frederick M., Chester, Pa. Adjustable glass holder for welders' helmets. 2,320,214; May 25.
- Bowers, Harold A., Cincinnati, Ohio. Speed control mechanism. 2,324,191; July 13.
- Bowers, Herbert L., Kenmore, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 2,335,822; Nov. 30.
- Bowers, Herbert L., Haworth, N. J., and E. Pick, East Rockaway, assignors to The Permutit Company, New York, N. Y. Valve mechanism for water softeners. 2,328,323; Aug. 31.
- Bowers, Marie A., Glendale, Calif. Scrub-bucket assembly. 2,321,981; June 15.
- Bowers, Thomas A., Boston, assignor to Power Research Corporation, Boston, Mass. Interrupted oil ring. 2,311,727; Feb. 23.
- Bowers, Thomas A., assignor to Power Research Corporation, Boston, Mass. Forming piston rings. 2,311,728; Feb. 23.
- Bowers, Thomas A., assignor to Power Research Corporation, Boston, Mass. Making sheet metal piston rings. 2,311,729; Feb. 23.
- Bowers, Thomas A., assignor to Power Research Corporation, Boston, Mass. Making reversely folded piston rings. 2,311,730; Feb. 23.
- Bowers, Thomas A., Mattapoisett, assignor to Power Research Corporation, Boston, Mass. Offset piston ring. 2,311,731; Feb. 23.
- Bowers, Thomas A., Mattapoisett, assignor to Power Research Corporation, Boston, Mass. Process for piston rings. 2,334,243; Nov. 16.

- Bowers, Thomas A., Mattapoisett, assignor to Power Research Corporation, Boston, Mass. Fabricating piston rings. 2,330,549; Sept. 28.
- Bowers, Thomas A., Mattapoisett, assignor to Power Research Corporation, Boston, Mass. Ring means for pistons. 2,330,550; Sept. 28.
- Bowersox, Joseph W., Glen Ellyn, Ill. Rivet. 2,313,616; Mar. 9.
- Bowes, Urban E., Perrysburg, Ohio. Forming initially liquid materials. 2,320,341; June 1.
- Bowes, Urban E., Perrysburg, Ohio, assignor to Owens-Corning Fiberglass Corporation. Sodium calcium borosilicate glass. 2,308,857; Jan. 19.
- Bowes Seal Fast Corporation. (See Andres, Paul G., assignor.)
- Bowie, Adrian St. J., assignor to Food Machinery Corporation, San Jose, Calif. Apparatus for atomizing liquid. 2,321,792; June 15.
- Bowie, Augustus J., San Francisco, Calif. Fuse. 2,330,467; Sept. 28.
- Bowie, Robert M., Emporium, Pa., assignor to Sylvania Electric Products, Inc. Electron gun structure and method of assembly thereof. Re. 2,337; Sept. 21.
- Bowker, Ervin, assignor of one-third to D. J. Richardson, Fall River, Mass., and one-third to M. W. Wheelock, Tiverton, R. I. Commutator trimming tool. 2,308,671; Jan. 19.
- Bowles, Byron E., Des Moines, Iowa. Cigarette supporter and snuffer. 2,312,870; Mar. 2.
- Bowles, Vernon O., Los Angeles, Calif., assignor to The Lummus Company, New York, N. Y. Condensation process. 2,334,861; Nov. 23.
- Bowling, Robert T., assignor to Potlatch Forests, Inc., Lewiston, Idaho. Glue machine. 2,320,715; June 1.
- Bowling, Warren E., Gardner, Kans. Pickup attachment for harvester-threshers. 2,317,127; Apr. 20.
- Bowlus, Fred D. (See Pomeroy, Richard, assignor.)
- Bowman, Arthur E., St. Louis, Mo. Shoe construction. 2,328,049; Aug. 31.
- Bowman, Arthur M., assignor to J. I. Bowman, Pittsburgh, Pa. Fabricated steel beam. 2,309,823; Feb. 2.
- Bowman, Clarence B., assignor to The Elmcro Corporation, Salt Lake City, Utah. Rotary filter tank and agitator therefor. 2,312,620; Mar. 2.
- Bowman, Daniel C., Pendleton, Oreg. Green corn fork. 2,322,503; June 22.
- Bowman, Harold C., Rocky River, Ohio. Dispensing apparatus. 2,329,431; Sept. 14.
- Bowman, Henry V., Minneapolis, Minn. Crate. 2,312,621; Mar. 2.
- Bowman, James I. (See Bowman, Arthur M., assignor.)
- Bowman, John C., Winchester, Va. Grass shears. 2,329,032; Sept. 7.
- Bowman, John R., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Amplifier. 2,326,614; Aug. 10.
- Bowman, Kenneth K., Scotia, N. Y., assignor to General Electric Company. Control system. 2,333,978; Nov. 9.
- Bowman, Lawrence E., Auburn, R. I., assignor to Leonard Valve Company, Providence, R. I. Thermostatic valve construction. 2,308,487; Jan. 19.
- Bowman, Raymond H., U. S. Army, Fort Wayne, Ind. Automatic pressure control for engines. 2,323,304; July 6.
- Bowman, Samuel, East Los Angeles, Calif. Sheet metal brake. 2,312,021; Feb. 23.
- Bowman, Samuel, Hollywood, Calif. Sheet metal brake. 2,325,736; Aug. 3.
- Bown, Ralph, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Observer controlled television system. 2,312,954; Mar. 2.
- Bowron, Clara A., Meadow Lane, Conn. Window. 2,336,922; Dec. 14.
- Bowser, Percy L., Jr. (See Venner, W. M., and Bowser, Jr.)
- Bowser, S. F., & Company. (See Griffith, C. P., and Marvel, assignors.)
- Bowser, S. F., Company. (See Nahm, Eugene A., assignor.)
- Bowsher, Waldo G., Detroit, Mich. Overhead door. 2,308,585; Jan. 19.
- Boxer, Carl E. (See Sisson, K. O., and Bowyer.)
- Box Shop, Inc., The. (See Peirce, Clarence A., assignor.)
- Boyajian, James A. (See Johnson, C. C., and Boyajian.)
- Boyer, George E., assignor to International Detachable Bits & Equipment Limited, South Porcupine, Ontario, Canada. Forging and refinishing detachable bits and the like and apparatus therefor. 2,310,675; Feb. 9.
- Boyer, John N. (See van Amerongen, W., and Boyce.)
- Boyer, Thompson Institute For Plant Research, Inc. (See Denny, Frank E., assignor.)
- Boyer, William A., Bridgeport, Conn., assignor to A. F. Burkhardt, New York, N. Y. Decorticating machine. 2,323,280; June 29.
- Boyd, Donald. (See Fenner, Harry E., assignor.)
- Boyd, Frank C. (See Burns, E., and Boyd.)
- Boyd, John. (See Zetterquist, E. A., and Boyd.)
- Boyd, John M. (See Stevenson, A. B., and Boyd.)
- Boyd, Joseph A., Pendergrass, assignor of three-fourths to Coby B. Whelchel, Jefferson, Ga. Pump system. 2,333,614; Nov. 2.
- Boyd, Lawrence E., Nutley, N. J., assignor to Marchant Calculating Machine Company. Decimal point indicating mechanism. 2,329,130; Sept. 14.
- Boyd, Randolph, Galva, Ill. Mail car. 2,322,111; June 15.
- Boyd, Randolph, Galva, Ill. Electric shaver. 2,336,160; Dec. 7.
- Boyden, Robert E., Kensington Park, and H. T. Avery, Oakland, Calif., assignors to Marchant Calculating Machine Company. Calculating machine. 2,333,234; Nov. 2.
- Boye Needle Company, The. (See Carlson, Gustav A., assignor.)
- Boye Needle Company, The. (See Davis, Edward D., assignor.)
- Boyer, Charles A., Winona Lake, Ind. Surgeon's bone screw driver. 2,312,869; Mar. 2.
- Boyer, Chauncey A. (See Simmons, James T., assignor.)
- Boyer, John A., and C. G. Rose, assignors to The Carbide Company, Niagara Falls, N. Y. Process for removing of intergranular graphite from boron carbide. 2,328,780; Sept. 7.
- Boyer, Martin, Lowry, Minn. Sickle bar. 2,332,840; Oct. 26.
- Boyer, Neil E. (See Maloney, W. G., and Boyer.)
- Boyer, Raymond F. (See Matheson, L. A., and Boyer.)
- Boyer, Robert A. (See Ford, H., and Boyer.)
- Boyer, Samuel H., Belmont, assignor of one-half to J. Mack Hatch, Charlotte, N. C. Attachments for sewing machines. 2,334,599; Nov. 16.
- Boyer, William R., Oakmont, Pa., assignor to Blaw-Knox Company. Sheet-cleaning apparatus. 2,321,179; June 8.
- Boylan, Felix T., New York, N. Y. Securing reinforced coverings to steel ship decks. 2,324,131; July 13.
- Boylan, Louis A., assignor to Walgreen Co., Chicago, Ill. Tablet crushing and dispensing device. 2,334,806; Nov. 23.
- Boyle, Edward D., Valdosta, Ga. Mold charging apparatus. 2,320,714; June 1.
- Boyle, Edward D., Valdosta, Ga. Making concrete pipe. 2,321,277; June 8.
- Boyle, James M., Darien, Conn. Follow-up system. 2,309,094; Jan. 26.
- Boyle, John R., assignor to Illinois Testing Laboratories, Inc., Chicago, Ill. Air velocity meter. 2,315,185; Mar. 30.
- Boyle, Robert S., Akron, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,320,507; June 1.
- Boyle, Thomas E., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Treading tires. 2,309,042; Jan. 19.
- Boyle, William R., Finham, assignor of one-third to The Glacier Metal Company Limited, Alperton, Middlesex, and one-third to The Rover Company Limited, Cheshford Grange, near Kenilworth, Warwickshire, England. Hydraulic power transmission system. 2,326,821; Aug. 17.
- Boynton, Alexander, San Antonio, Tex. Pneumatic gun. 2,307,015; Jan. 5.
- Boynton, Alexander, San Antonio, Tex. Differential stage lift flow device, diaphragm type. 2,307,016; Jan. 5.
- Boynton, Alexander, San Antonio, Tex. Flowing device, tubing and tubing flow. 2,312,868; Mar. 30.
- Boynton, Alexander, San Antonio, Tex. Differential stage lift flow device. 2,312,315; Mar. 2.
- Boynton, Alexander, San Antonio, Tex. Differential stage lift flow device. 2,314,869; Mar. 30.
- Boynton, Alexander, San Antonio, Tex. Semithreadless lift stem. 2,314,870; Mar. 30.
- Boynton, Alexander, San Antonio, Tex. Stage lift flow device. 2,321,002; June 8.
- Boynton, Alexander, San Antonio, Tex. Differential stage lift flow device. 2,321,003; June 8.
- Boynton, Alexander, San Antonio, Tex. Performer for wells. 2,315,496; Apr. 6.
- Boynton, Alexander, San Antonio, Tex. Bellows type slugging foot valve for wells. 2,317,356; Apr. 27.
- Boynton, Alexander, San Antonio, Tex. Thread lock. 2,318,590; May 11.
- Boynton, Alexander, San Antonio, Tex. Stage lift flow device. 2,323,893; July 13.
- Boynton, Alexander, San Antonio, Tex. Wrench. 2,329,181; Sept. 14.
- Boynton, Alexander, San Antonio, Tex. Latch. 2,329,182; Sept. 14.
- Boynton, Alexander, San Antonio, Tex. Side drive for rear wheels. 2,331,300; Oct. 12.
- Boynton, Stanley E., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cutting apparatus. 2,318,050; May 4.
- Boynton, Stanley E., Westfield, and D. V. Waters, South Orange, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Safety switch apparatus. 2,307,383; Jan. 5.
- Boys, Clyde H., Drexel Hill, Pa., assignor to Hercules Powder Company, Wilmington, Del. Rubber compounding. 2,325,737; Aug. 3.
- Boysen, Bigelow, Chicago, Ill. Dental and mouth cleansing means. 2,318,365; May 4.
- Rovsen, Bigelow, Chicago, Ill. Capsule. 2,334,600; Nov. 16.

- Boyton, Alexander, San Antonio, Tex. Wrench, 2,330,201; Sept. 28.
- Braak, Hendrik R., Batavia-Centrum, Java, Dutch East Indies, assignor, by mesne assignments, to P. Hong, Washington, D. C., Commissioner of the Board for Economic and Financial Affairs of The Netherlands Indies, Surinam and Curaçao, as trustee, Process and apparatus for dialyzing latex, 2,330,672; Sept. 28.
- Braaten, Arthur M., Riverhead, N. Y., assignor to Radio Corporation of America, Magnetic coupling control, 2,307,447; Jan. 6.
- Brace, Edwin T., Warrenton, Mo., Shoe tree holder, 2,317,516; Apr. 27.
- Brace, George A., Winnetka, Ill., assignor to The Hoover Company, North Canton, Ohio, Refrigeration, 2,317,517; Apr. 27.
- Brace, George A., Winnetka, and A. G. Gross, Wilmette, Ill., assignors to The Hoover Company, North Canton, Ohio, Refrigeration, 2,328,189; Aug. 31.
- Brace, Kemper P., South Bend, and H. C. Waterman, Elkhart, Ind., Inspection of surfaces, 2,313,218; Mar. 9.
- Brace, Porter H., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., Coupling between shafts and wheels, 2,318,951; May 4.
- Brach, L. S., Mfg. Corp. (See Brach, L. S., and Norden, assignors.)
- Brach, Leon S., East Orange, and A. Norden, Jr., Maplewood, assignors to L. S. Brach Mfg. Corp., Newark, N. J., Automotive vehicle antenna, 2,329,329; Sept. 14.
- Brachman, Nathan. (See Allen, Alexander C., assignor.)
- Brack, Joseph L., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill., Washbasin, 2,315,927; Apr. 6.
- Brack, Joseph L., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill., Washbasin, 2,315,928; Apr. 6.
- Bracke, R. F., & Company. (See Bracke, Robert F., assignor.)
- Bracke, Robert F., Arlington Heights, assignor to R. F. Bracke & Company, Chicago, Ill., Sanitary apparatus, 2,319,034; May 11.
- Brackeen, Lloyd, Claddin, Kans., Cleaning device for pipe lines, 2,332,984; Oct. 26.
- Bracken, Wallace H., Rye, N. Y., Hand luggage bag, 2,334,895; Nov. 23.
- Brackensy, Augustus H., assignor of one-half to The Franco-British Electrical Company Limited, London, England, Controlling electric discharge tubes, 2,309,883; Feb. 2.
- Brackett, Clare L., Detroit, Mich., Valve tappet, 2,323,706; Sept. 2.
- Brackett, Clare L., Detroit, Mich., Nut and making same, 2,333,290; Nov. 2.
- Brackett, Clare L., Detroit, Mich., Forming tool, 2,337,797; Dec. 28.
- Brackett, Tracy F., assignor to General Motors Corporation, Detroit, Mich., Paint spray machine, 2,321,982; June 15.
- Brackett, Tracy F., assignor to General Motors Corporation, Detroit, Mich., Roof spraying machine, 2,321,983; June 15.
- Brackett, Tracy F., assignor to General Motors Corporation, Detroit, Mich., Duplicating mechanism, 2,321,984; June 15.
- Brackett, Tracy F., assignor to General Motors Corporation, Detroit, Mich., Photocell control, 2,329,818; Sept. 21.
- Brackney, Howard W. (See Albee, Z. J., and Brackney.)
- Brackney, Howard W., and J. R. Gosling, assignors to General Electric X-Ray Corporation, Chicago, Ill., X-ray tube, 2,336,774; Dec. 14.
- Bradberry, Henrietta, Chicago, Ill., Bed rack, 2,320,027; May 25.
- Bradbury, Thomas, assignor to Phillips Telescopic Taps Limited, Birmingham, England, Switch for electric flashlights or the like, 2,321,180; June 8.
- Bradbrook, Alford A., Evanston, Ill., Toy, 2,320,560; June 1.
- Bradford, Zerbe C., C. J. Werner, and E. B. Sleeter, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich., Pole piece assembly, 2,323,114; June 29.
- Bradley, Albert F., assignor to Northwestern Steel and Wire Company, Sterling, Ill., Multiwire product making machine, 2,312,520; Mar. 2.
- Bradley, Anson K., assignor to Morgan Construction Company, Worcester, Mass., Feeding mechanism, 2,326,005; Aug. 3.
- Bradley, Earl C., Venice, Calif., Garment hanger, 2,331,888; Oct. 19.
- Bradley, Frank L., Ridgewood, and E. Stumpp, Clifton, N. J., and W. Jawurek, Bridgeport, Conn., assignors to E. V. Hadley, New York, N. Y., Machine for applying strips of material to curved surfaces, 2,316,767; Apr. 20.
- Bradley, Herbert N., Detroit, Mich., Checking station for self-service stores, 2,317,438; Apr. 27.
- Bradley, Howard W., Calumet City, assignor to Inland Steel Company, Chicago, Ill., Galvanizing apparatus, 2,328,949; Sept. 7.
- Bradley, James A., assignor of one-third to R. H. Brownlee, Pittsburgh, and one-third to H. J. Lynch, Glen Shaw, Pa., Metal casting, 2,335,385; Nov. 30.
- Bradley, John C. (See Jennison, H. C., and Bradley.)
- Bradley, Margaret H. (See Thurston, J. T., and Bradley.)
- Bradley, Margaret H., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y., Betaalkoxybis(bis)guanamines, 2,309,624; Feb. 2.
- Bradley, Percy R., Leedston Park, Prescott, England, Machine for pressure casting of materials, 2,318,366; May 4.
- Bradley, Richard C., Chicago, Ill., Registering liquid meter, 2,313,511; Mar. 9.
- Bradley, Robert I., Belmont, Mass., Temperature measuring instrument, 2,318,459; May 4.
- Bradley, Theodore F. (See Cook, E. W., and Bradley.)
- Bradley, Theodore F. (See Light, D. W., Bradley, and Nye.)
- Bradley, Theodore F., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y., Polymerization of diallyl esters and products thereof, 2,311,327; Feb. 16.
- Bradley, William B., Northampton, assignor to Philco Radio and Television Corporation, Philadelphia, Pa., Electrical signal separating circuits, 2,312,145; Feb. 23.
- Bradner, Donald B., and G. C. Munro, assignors to The Champion Paper and Fibre Company, Hamilton, Ohio, Papermaking, 2,312,310; Mar. 2.
- Bradner, Donald B., Mount Healthy, and W. J. Montgomery, assignors to The Champion Paper and Fibre Company, Hamilton, Ohio, Making coated paper, 2,337,013; Dec. 14.
- Bradshaw, Brooks B. (See Bullard, H. A., and Bradshaw.)
- Bradshaw, Lewis R. (See Taylor, G. M., Bradshaw, and Green.)
- Bradshaw, Russell R., assignor to The Dow Chemical Company, Midland, Mich., Molding plastics, 2,313,985; Mar. 16.
- Bradshaw, Russell R., assignor to The Dow Chemical Company, Midland, Mich., Decorative effect in polystyrene moldings, 2,330,168; Sept. 21.
- Bradshaw, William M. (See Smith, B. H., and Bradshaw.)
- Bradshaw, William M., Summit, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa., Electrical instrument, 2,315,587; Apr. 6.
- Bradt, Rexford H., Battle Creek, Mich., assignor to Fox River Paper Corporation, Appleton, Wis., Safety paper, 2,333,970; Nov. 9.
- Bradwell, Robert H., assignor to G. H. Ranschenberg, Dalton, Ga., Tuffing machine, 2,314,339; Mar. 23.
- Brady, Bernard J. (See Turner, C., and Brady.)
- Brady, Charles A., Jr., San Francisco, Calif., Method and apparatus for testing gun chokes, 2,308,672; Jan. 19.
- Brady, Charles V. (See Ewer, A. C., Brady, and Hams.)
- Brady, Eugene F., Maplewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y., Spray booth, 2,312,386; Mar. 2.
- Brady, Francis J., Providence, R. I., Coin-handling device, 2,334,896; Nov. 23.
- Brady, Frank W., San Francisco, Calif., Ice sizing machine, 2,321,125; June 8.
- Brady, Hugh S., Greensburg, assignor to The Jeannette Glass Company, Jeannette, Pa., Glass feeding, 2,335,386; Nov. 30.
- Brady, James H., Louisville, Ky., assignor of one-half to W. E. Curry, Sunset Harbor, Fla., Cigarette holder, 2,320,561; June 1.
- Brady, John B. (See Paulus, C. L., and Stout, assignors.)
- Brady, John J., Providence, R. I., Attachment for micrometer calipers, 2,318,288; May 4.
- Brady, John W., Los Angeles, Calif., Toothbrush pack, 2,310,571; Feb. 9.
- Brady, Sanford C., Bartlesville, Okla., Fluid lift, 2,332,503; Oct. 26.
- Brady, Vernon E., McKeesport, Pa., Tire chain applicator and fastening device, 2,324,463; July 20.
- Brady, William H., Roselle, assignor to The Singer Manufacturing Company, Elizabeth, N. J., Dynamoelectric machine construction, 2,329,151; Sept. 7.
- Braga, Frank J., Hudson, Mass., Making stitchdown shoes, 2,316,045; Apr. 6.
- Bragg, Leslie B., Scotch Plains, N. J., assignor to Foster Wheeler Corporation, New York, N. Y., Vapor and liquid contact apparatus and packing therefor, 2,336,060; Dec. 7.
- Bragg, Leslie B., Scotch Plains, N. J., assignor to Foster Wheeler Corporation, New York, N. Y., Vapor and liquid contact apparatus, 2,327,993; Aug. 31.
- Braglio, Charles, Arnold, assignor to Aluminum Company of America, Pittsburgh, Pa., Textile equipment, 2,307,354; Jan. 5.
- Brailey, Charles G., Port Henry, N. Y., assignor to Sullivan Machinery Company, Hole cleansing device, 2,329,330; Sept. 14.
- Brailsford, Joseph D. (See Rust, N. M., Brailsford, and Goodenough.)

- Brainard, Carl H. (See Carlson, E. W., and Brainard.)
 Brains, Mark. (See Janser, Owschia, assignor.)
 Braithwaite, Albert W. (See Alexander, E. L., and Braithwaite.)
 Braker, William. (See Jones, W. S., and Braker.)
 Braloff, Henry, Rockville Centre, N. Y. Building construction. 2,309,748; Feb. 2.
 Bramble, John H., Sharpville, Pa. and M. Dunn, Sharon, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Grinding butt joints of wound cores. 2,318,052; May 4.
 Bramblett, Ora, Springfield, Colo. Portable shelter for motor vehicles. 2,311,514; Feb. 16.
 Bramhall, Arthur, Livingston, N. J. Cream separator device for milk bottles. 2,320,711; June 1.
 Brand, Charles H. (See Krueger, T. H., Krueger, and Brand.)
 Brand, John M., San Francisco, Calif. Cigarette snuffer and ejector with combined advertising device. 2,311,926; Feb. 23.
 Brand, Samuel, Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Calculating machine. 2,307,105; Jan. 5.
 Brand, Samuel, Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Line justifying device. 2,313,119; Mar. 9.
 Brand, Samuel, Binghamton, and J. M. Cunningham, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Plugboard. 2,330,943; Oct. 5.
 Brand, Samuel, Binghamton, and J. M. Cunningham, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Record card punching machine. 2,333,461; Nov. 2.
 Brand, Theodore, Dayton, Ohio. Apparatus for cleaning poultry dropping boards. 2,307,984; Jan. 12.
 Brandel, Serge, Villefranche-sur-Mer, Alpes-Maritimes, and H. Perrot, Paris, France; vend in the Alien Property Custodian. Shoe and the like. 2,326,198; Aug. 10.
 Brandenberger, Jacques E., Neuilly-sur-Seine, and H. Fénal, Mantes, France, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for making regenerated cellulose film. 2,309,609; Jan. 26.
 Brandes, Frank A., Shaker Heights, Ohio. Press. 2,310,890; Feb. 9.
 Brandon, Arthur H., Los Angeles, assignor to Dia-Loy Company, Los Angeles County, Calif. Tubing wear detector. 2,322,343; June 22.
 Brandon, Benjamin R., Columbia, S. C. Portable dry closet receptacle. 2,322,344; June 22.
 Brandon, George E., assignor to Smet-Solvay Engineering Corporation, New York, N. Y. Barge loading and unloading apparatus. 2,322,504; June 22.
 Brandon, Richard C. (See Jones, M. C. K., and Brandon.)
 Brandstrom, Folke A. (See Marco, F. J., Anderson, and Brandstrom.)
 Brandstrom, Fred, Westport, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Pressure-actuated electrical switch. 2,335,639; Nov. 30.
 Brandt, Alfred, Swansea, Wales, assignor, by mesne assignments, to The Anglo-California National Bank of San Francisco, San Francisco, Calif., a National Banking Association, as trustee. Heat treatment of magnesium base alloys. 2,314,852; Mar. 23.
 Brandt, Alfred, Swansea, Wales, assignor, by mesne assignments, to The Anglo-California National Bank of San Francisco, San Francisco, Calif., a National Banking Association, as trustee for the benefit of Reconstruction Finance Corporation, San Francisco, Calif. Heat treatment of magnesium base alloys. 2,314,853; Mar. 23.
 Brandt, Alfred, Swansea, Wales, assignor, by mesne assignments, to The Anglo-California National Bank of San Francisco, San Francisco, Calif., a National Banking Association, as trustee. Heat treatment of magnesium base alloys. 2,314,854; Mar. 23.
 Brandt Automatic Cashier Company. (See Buchholz, A. R., and Hoffman, assignors.)
 Brandt, Carl R. (See Detrick, S. R., and Brandt.)
 Brandt, David G., Westfield, N. J., assignor to Cities Service Oil Company, New York, N. Y. Continuous process for cracking and polymerizing petroleum oils. 2,316,931; Apr. 20.
 Brandt, David G., Westfield, N. J., assignor to Cities Service Oil Company, New York, N. Y. Conversion of mineral oils. 2,325,587; Aug. 3.
 Brandt, David G., Westfield, N. J., assignor to Cities Service Oil Company, New York, N. Y. Recovery and fractionation of light hydrocarbons. 2,325,588; Aug. 3.
 Brandt, David G., Westfield, N. J., assignor to Cities Service Oil Company, New York, N. Y. Heating and converting hydrocarbons. 2,332,051; Oct. 19.
 Brandt, Francis L., Bridgeport, Conn., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening-inserting machine. 2,324,479; July 20.
 Brandt, Francis L., Bridgeport, Conn., assignor to United Shoe Machinery Corporation, Flemington, N. J. Method of and apparatus for attaching soles to shoes. 2,329,244; Sept. 24.
 Brandt, Howard, New York, N. Y. Appliance for motor vehicles. 2,314,815; Mar. 23.
 Brandt, Howard, New York, N. Y. Circuit controller. 2,319,107; May 11.
 Brandt, James P., Bellflower, assignor to Shell Development Company, San Francisco, Calif. Acceleration responsive device. 2,312,234; Feb. 23.
 Brandt, Joe L., Tremont, Ill. Closer for gates. 2,315,106; Mar. 30.
 Brandt, Joseph & Bro. Inc. (See Brandt, Louis, assignor.)
 Brandt, Joseph G. (See Toomey, T. C., and Brandt.)
 Brandt, Louis, assignor to Joseph Brandt & Bro. Inc., New York, N. Y. Apparatus for producing threaded spangles. 2,327,957; Aug. 24.
 Brandt, Robert J., Los Angeles, Calif. Lamp attachment. 2,310,509; Feb. 9.
 Brandt, Robert L. (See Colgate, R. B., Brandt, and Allen.)
 Brandt, Robert L., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Purification of organic materials. 2,308,431; Jan. 12.
 Brandt, Robert L., New York, N. Y., and H. G. Kirschenbauer, Palisade Park, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Recovery of organic materials. 2,324,467; July 20.
 Brandt, Sidney J., New York, N. Y. Mechanical smoking pipe bowl cleaner. 2,323,294; July 6.
 Brandt, Thomas F., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Bushing insulator. 2,321,793; June 15.
 Brandtjen & Kluge, Inc. (See Kluge, Eneval, assignor.)
 Brandwein, A., & Company. (See Kelly, Dwight N., assignor.)
 Brangle, Edward M., Newburgh Heights, and V. W. Kolasinski, Garfield Heights, Ohio. Traveling strip guide. 2,325,738; Aug. 3.
 Branson, Martin, Pound, Va. Pick. 2,318,193; May 4.
 Branson, Martin, Pound, Va. Brick. 2,319,203; May 18.
 Branick, Charles E., Fargo, N. Dak. Tire spreader. 2,310,891; Feb. 9.
 Branick, Charles E., Fargo, N. Dak. Valve. 2,310,892; Feb. 9.
 Braniff Airways, Incorporated. (See Johnson, Charles J., assignor.)
 Branson, Herbert E., Detroit, Mich. Temperature responsive device. 2,333,291; Nov. 2.
 Brannon, James L., Plainfield, N. J., assignor to Bakelite Corporation. Preparation of quaternary onium compounds. 2,309,691; Feb. 2.
 Bransky, David W., assignor to Standard Oil Company, Chicago, Ill. Handling acid sludge. 2,315,044; Mar. 30.
 Bransky, David W., assignor to Standard Oil Company, Chicago, Ill. Regeneration apparatus. 2,320,562; June 1.
 Bransky, David W., and F. F. Diwokey, assignors to Standard Oil Company, Chicago, Ill. Gas purification. 2,311,625; Feb. 23.
 Branson, Edward H., assignor to General Railway Signal Company, Rochester, N. Y. Slip friction clutch. 2,333,880; Nov. 9.
 Branson, Willis M., Orlando, Fla. Optical device. 2,321,004; June 2.
 Brant, David O., Canoga Park, Calif. Homogenizer. 2,328,950; Sept. 7.
 Brant, Gilbert W., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for evaporative castings. 2,321,732; June 15.
 Brantly, John E., Pasadena, Calif. Steam boiler. 2,312,622; Mar. 2.
 Brantly, John E., Pasadena, assignor to Drilling and Exploration Company, Inc., Los Angeles, Calif. Collapsible whipstock. 2,334,746; Nov. 23.
 Brantly, John E., Pasadena, assignor to Drilling and Exploration Company, Inc., Los Angeles, Calif. Vibrating head whipstock. 2,334,747; Nov. 23.
 Brasco Manufacturing Company. (See Barclay, Ivar G., assignor.)
 Brasel, Harry R. (See Hinkamp, J. A., and Brasel.)
 Brasel, Jesse R. (See McCarthy, H., and Brasel.)
 Brasher, Philip, Kent, Conn. Method of and apparatus for collapsing water waves. 2,325,937; Aug. 3.
 Brassell, Bryan, Santa Rosa, N. Mex. Motion transmitting mechanism. 2,320,259; May 25.
 Brassell, Bryan, Puerto De Luna, N. Mex. Windwheel and blade therefor. 2,324,759; July 20.
 Brassett, Herman A. (See Dill, Gilbert D., assignor.)
 Brassett, Herman A., Rye, assignor to Minerals and Metals Corporation, New York, N. Y. Reduction of ores to metal. 2,313,044; Mar. 9.
 Brassett, Herman A., Greenwich, and J. C. Hartley, Norwalk, Conn., assignors to Minerals and Metals Corporation, New York, N. Y. Process of and apparatus for facilitating and controlling chemical reactions and physical treatments. 2,316,664; Apr. 13.
 Brassett, Herman A., Rye, N. Y., and S. P. Kinney, Crafton, Pa., assignors to Minerals and Metals Corporation, New York, N. Y. Production of iron and steel. 2,316,665; Apr. 13.
 Bratek, Frank B., and A. S. Hartanov, assignors to Industrial Patents Corporation, Chicago, Ill. Carcass saw. 2,327,167; Aug. 17.
 Bratley, Morris J., West Bridgford, assignor to Herbert Morris Limited, Loughborough, England. Traverser. 2,324,817; July 20.

- Brats, Otto J., Adrian, Mich., assignor to American Chain & Cable Company, Inc., New York, N. Y. Swaging tool. 2,329,385; Sept. 14.
- Braubrich, Charles A., Canton, Ohio. Forging. 2,323,972; July 13.
- Braudwein, A., & Company. (See Kelly, Dwight N., assignor.)
- Brauer, Arthur J., Webster Groves, assignor to Brauer Bros. Shoe Co., St. Louis, Mo. Shoe. 2,325,004; July 20.
- Brauer Bros. Shoe Co. (See Brauer, Arthur J., assignor.)
- Brauer, Walter, Oklahoma City, Okla. Automatic intermittent unit. 2,324,332; July 13.
- Brauer, Walter, Oklahoma City, Okla. Dual automatic intermittent unit. 2,324,355; July 13.
- Braum, Frank J., Great Neck, N. Y. Flashlight. 2,330,673; Sept. 28.
- Braun, William L. (See Rickus, G. M., Hoffman, and Braun.)
- Braun, August J., assignor to The Mostow Co., Chicago, Ill. Photographic film container. 2,321,794; June 15.
- Braun, Clarence H., Hicksville, N. Y. Hand grenade. 2,334,002; Nov. 9.
- Braun, Eugene M., et al. (See Acs, John A., Jr., assignor.)
- Braun, Fred, Milwaukee, Wis. Buckle. 2,317,128; Apr. 20.
- Braun, Frederick W., Dearborn, assignor to General Motors Corporation, Detroit, Mich. Press unloader. 2,314,120; Mar. 16.
- Braun, G. A., Inc. (See Hewitt, William H., assignor.)
- Braun, Georg. (See Krug, J., and Braun.)
- Braun, Gustav F., Elizabeth, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Cabinet. 2,331,166; Oct. 5.
- Braun, Karl J., North Merrick, assignor to Remington Rand Inc., Buffalo, N. Y. Statistical cards and preparing them. 2,307,617; Jan. 5.
- Braun, Karl J., North Merrick, Long Island, assignor to Remington Rand Inc., Buffalo, N. Y. Punching mechanism. 2,323,790; July 6.
- Braun Lumber Corporation. (See Presley, William C., assignor.)
- Braun, Mary P. (See Berners, Edward C., assignor.)
- Braun, N. J., Lumber Co. (See Zahn, Otto F., assignor.)
- Braun, Philip N., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Machine for pressing sleeved articles in one lay. 2,327,492; Aug. 24.
- Braun, W. L. (See Rickus, G. M., and Braun.)
- Braun, Walter, Los Angeles, Calif. Moccasin type shoe. 2,329,819; Sept. 21.
- Braun, William F. H., Wynnewood, Pa. Machine for cleaning castings and the like. 2,330,949; Oct. 5.
- Braunschmidt, Ludwig, Bitterfeld, K. van Brlessen, Leipzig, and K. Hissbach, Wolfen, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Color control in photographic copying apparatus and the like. 2,326,431; Aug. 10.
- Braunstein, Arthur, San Diego, Calif. Transfer picture post card. 2,319,293; May 15.
- Braxdale, Ade L., Glendale, Calif. Lathing system. 2,316,552; Apr. 13.
- Braxton, Daniel, River Rouge, Mich. Liner for polishing wheels, grindstones, and the like. 2,307,385; Jan. 5.
- Braxton, Daniel, River Rouge, Mich. Liner for bearings for polishing wheels and the like. 2,307,386; Jan. 5.
- Braxton, George W., Scotland Neck, N. C. Peanut and similar harvesting plow. 2,316,501; Apr. 13.
- Bray, Elwyn R., St. Paul, Minn. Fishing line retriever. 2,316,500; Apr. 13.
- Bray, Overton, Burley, assignor of one-half to O. M. Mitchell, Rupert, Idaho. Saw bench. 2,313,617; Mar. 9.
- Bray, Uric B., Palos Verdes Estates, and C. E. Swift, Glendale, assignors to Union Oil Company of California, Los Angeles, Calif. Production of lubricating oil. 2,316,395; Apr. 13.
- Brayton, Harold M. (See Joyce, B. P., Brayton, Walsh, and Dardick.)
- Brayton, Harold M., Dover, N. J., assignor to American Armament Corporation, New York, N. Y. Combination instantaneous and delay fuse. 2,324,192; July 13.
- Brealey Company, The. (See Sutton, John C., assignor.)
- Brebeck, Charles, Herkimer, N. Y. Sine bar. 2,325,904; Aug. 3.
- Brecht, Winston A., Forest Hills, and H. F. Hanson, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Explosion-type puller. 2,331,167; Oct. 5.
- Breckenridge, Frank, Mansfield, Ohio, and R. J. Ridge, Lansdowne, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cleaning apparatus. 2,313,984; Mar. 16.
- Breckenridge, Frank, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Washing machine wringer. 2,319,294; May 18.
- Breckenridge, Frank, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Laundry apparatus. 2,328,256; Aug. 13.
- Breckenridge, Frank, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Wringer. 2,331,168; Oct. 5.
- Bredschneider, Raymond J., assignor to E. H. Berge, Milwaukee, Wis. Float valve and humidifier construction. 2,309,043; Jan. 19.
- Bredelhoff, Harold A., Millington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mounting for electrical apparatus. 2,317,065; Apr. 27.
- Bredenbeck, Bill C. (See Thoren, T. R., and Bredenbeck.)
- Bredeson, Albert O., Minneapolis, Minn. Applying fins to radiator tubes. 2,307,355; Jan. 5.
- Bredimus, Robert L., Des Moines, Iowa. Typewriting machine. 2,316,066; Apr. 13.
- Breed, Charles W., Western Springs, and G. R. Burkhardt, Chicago, Ill. Railway frog body. 2,335,994; Dec. 7.
- Breedis, John, Croydon, assignor to Rühm & Haas Company, Philadelphia, Pa. Polymerization. 2,326,326; Aug. 10.
- Breen, Henry D., Chicago, Ill. Brake operating mechanism. 2,308,741; Jan. 19.
- Breen, Robert. (See Hockey, H., and Breen.)
- Breese, James L., Santa Fe, Mex. Ventilating apparatus and method. 2,319,035; May 11.
- Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Movable radiating and combustion chamber for fluid fuel burners. 2,326,432; Aug. 10.
- Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Self-adjusting three-stage control. 2,329,820; Sept. 21.
- Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Thermal control adjuster. 2,332,566; Oct. 26.
- Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Pilot screen for pot type burners. 2,336,666; Dec. 14.
- Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Oil burner and liquid fuel inlet therefor. 2,337,734; Dec. 28.
- Breese, James L., and R. Hayter, Santa Fe, N. Mex., and S. Perry, Chicago, Ill., assignors to Oil Devices, Santa Fe, N. Mex. Booster fan and support. 2,331,958; Oct. 19.
- Breeze, Robert P., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,316,396; Apr. 13.
- Breeze Corporation, Inc. (See Dayton, Ward D., assignor.)
- Breeze Corporations, Inc. (See Bird, Stanley P., assignor.)
- Breeze Corporations, Inc. (See Strunk, Kenith G., assignor.)
- Breeze, George E. (See Voorhees, H. R., and Breeze.)
- Bregou, Louis V., Worcester, Mass. Finless hair dressing device. 2,329,821; Sept. 21.
- Brehob, Frederick H., Erie, Pa., assignor to General Electric Company. Radiator arrangement. 2,336,840; Dec. 14.
- Breitenstein, Charles T. (See Hooker, D. E., Breitenstein, and Nelson.)
- Breitenstein, Charles T., assignor to R. T. Moloney, Chicago, Ill. Electric razor. 2,319,916; May 25.
- Breitenstein, Victor W., assignor to Illinois Testing Laboratories, Inc., Chicago, Ill. Metal detection device. 2,315,045; Mar. 30.
- Brekke, Benjamin, Longview, Wash. Concrete block molding machine. 2,310,833; Feb. 9.
- Brelsford, Harry E., Birmingham, assignor to Diamond Power Specialty Corporation, Detroit, Mich. Liquid level gauge. 2,320,563; June 1.
- Breman, Frank J., Oak Park, and E. F. Dell, Park Ridge, Ill., assignors to Davidson Manufacturing Corporation. Plate clamp. 2,309,161; Jan. 26.
- Bremer, Harry E., Milwaukee, Wis. Steam generating electric iron. 2,328,124; Aug. 31.
- Bremer, Heinrich, and F. Krones, Berlin, Germany; vested in the Alien Property Custodian. Mount for long wave quartz crystals. 2,310,612; Feb. 9.
- Bremser, Albert T., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Fuel injection apparatus. 2,335,698; Nov. 9.
- Brend, William R., assignor to Lock Joint Pipe Company, East Orange, N. J. Pipe joint. 2,314,386; Mar. 23.
- Brend, William R., assignor to Lock Joint Pipe Company, East Orange, N. J. Pipe lining apparatus. 2,326,822; Aug. 17.
- Brend, William R., assignor to Lock Joint Pipe Company, East Orange, N. J. Pipe lining apparatus. 2,326,823; Aug. 17.
- Brenkert, Karl, assignor to Brenkert Light Projection Company, Detroit, Mich. Framing mechanism and shutter compensator. Re. 22,248; Jan. 12.
- Brenkert, Karl, assignor to Brenkert Light Projection Company, Detroit, Mich. Wheel mounting. Re. 22,388; Nov. 2.
- Brenkert, Karl, assignor to Brenkert Light Projection Company, Detroit, Mich. Intermittent movement assembly. 2,313,317; Mar. 9.
- Brenkert, Karl, assignor to Brenkert Light Projection Company, Detroit, Mich. Oil-relieved Geneva movement. 2,320,064; May 25.

- Brenkert Light Projection Company. (See Brenkert, Karl, assignor.)
- Brennan, Cyril K., Attleboro, Mass. Collar clasp. 2,307,819; Jan. 12.
- Brennan, Daniel A., deceased, by E. L. Zwickel, Chicago, Ill., executor, assignor to Acco Products, Inc., Long Island City, N. Y. Filing equipment. 2,314,121; Mar. 16.
- Brennan, Daniel A., deceased, by E. L. Zwickel, Chicago, Ill., executor, assignor to Acco Products, Inc., Long Island City, N. Y. Fastening device. 2,319,438; May 18.
- Brennan, Daniel A., deceased, by E. L. Zwickel, Chicago, Ill., executor, assignor to Acco Products, Inc., Long Island City, N. Y. Filing equipment. 2,323,448; July 6.
- Brennan, Daniel A., deceased, Chicago, Ill., by Elmer L. Zwickel, Chicago, Ill., executor, assignor to Acco Products, Inc., Long Island City, N. Y. Fastener. 2,329,869; Sept. 21.
- Brennan, Daniel A., deceased, Chicago, Ill., by Elmer L. Zwickel, Chicago, Ill., executor, assignor to Acco Products, Inc., Long Island City, N. Y. Fastener. 2,329,870; Sept. 21.
- Brennan, Daniel A., Chicago, by Elmer L. Zwickel, executor, Chicago, Ill., assignor to Acco Products, Inc., Long Island City, N. Y. Filing device. 2,333,615; Nov. 2.
- Brennan, Daniel A., deceased, by E. L. Zwickel, Chicago, Ill., executor, assignor to Acco Products, Inc., Long Island City, N. Y. Filing device. 2,336,061; Dec. 7.
- Brennan, Helen E. (See Fowler, Elbert, assignor.)
- Brennan, Henry E., assignor to The Medart Company, St. Louis, Mo. Book guide. 2,330,551; Sept. 28.
- Brennan, James B., Cleveland, Ohio. Instrument control. 2,308,234; Jan. 12.
- Brennan, Joseph B. (See Moynihan, John J., assignor.)
- Brennan, Joseph B., Euclid, Ohio. Method and apparatus for melting metals. 2,322,787; June 29.
- Brennan, Joseph B., Euclid, Ohio. Making electrodes. 2,330,202; Sept. 28.
- Brennan, Joseph B., and L. Marsh, Euclid, Ohio, said Marsh assignor to said Brennan. Electrolytic device. 2,310,932; Feb. 16.
- Brennan, Joseph B., and L. Marsh, Euclid, Ohio, said Marsh assignor to said Brennan. Making screen stencils. 2,316,768; Apr. 20.
- Brennan, Joseph H., Niagara Falls, N. Y., assignor to Haynes Stellite Company. Nickel-base alloy. 2,315,497; Apr. 6.
- Brennan, Robert, Auckland, New Zealand. Rotary pump. 2,320,386; Sept. 14.
- Brennan, Russell B., Attleboro, Mass. Holder. 2,328,608; Sept. 7.
- Brennan, Vincent A., Lynn, Mass. Ingot mold. 2,328,417; Aug. 31.
- Brunsch, Lawrence F., Chicago, Ill., assignor to Wells Lamont Corporation. Display box. 2,314,304; Mar. 16.
- Brenner, Edward. (See Thurmond, G. I., and Brenner.)
- Brenner, Edward. (See Thurmond, G. I., Jacques, and Brenner.)
- Brenner, Hugo L. (See Hyland, D. F., Brenner, Hugo L. and John, and Knudsen.)
- Brenner, Hugo L. (See Hyland, D. F., Stiles, and H. L. and J. Brenner.)
- Brenner, Irving, Bronx, N. Y. Clothes compartment for vehicle seats. 2,320,215; May 25.
- Brenner, John. (See Hyland, D. F., Stiles, and Brenner, H. L. and J.)
- Brenner, John. (See Hyland, D. F., Stiles, and H. L. and J. Brenner.)
- Brenner, Paul, Hanover, Germany; vested in the Alien Property Custodian. Method and device for casting plated ingots. 2,310,893; Feb. 9.
- Brenner, Wilhelm, Berlin, Germany; vested in the Alien Property Custodian. Supporting device. 2,332,504; Oct. 26.
- Brenning, Reuben, Cheyenne, Wyo. Sheet-material shearing tool. 2,329,387; Sept. 14.
- Brent, Roy H., Greenfield, assignor to Harnischfeger Corporation, Milwaukee, Wis. Plywood wall construction. 2,332,052; Oct. 19.
- Brenzinger, Julius, Fairfield, assignor to The Max Ams Machine Company, Bridgeport, Conn. Blank separating and feeding device. 2,320,712; June 1.
- Breon, C. H., et al. (See Barlow, B. B., and Haynes, assignors.)
- Breon, George A., & Company, Inc. (See Hoehn, W. M., and Schneider, assignors.)
- Breslav, Jack, New Haven, Conn. Crane. 2,316,667; Apr. 13.
- Breslav, Jack, New Haven, Conn. Grapple. 2,337,176; Dec. 21.
- Breslav, Jack, New Haven, Conn. Lifting grab. 2,337,177; Dec. 21.
- Breslav, Jack, New Haven, Conn. Stock lifting grab. 2,337,178; Dec. 21.
- Bresnick, Harry, New York, N. Y. Processing of foods. 2,309,884; Feb. 2.
- Bresler, Robert E., assignor to Kol-Master Corporation, Oregon, Ill. Apparatus for burning fuel. 2,325,655; Aug. 3.
- Bresson, Charles, Lyon, France; vested in the Alien Property Custodian. Electric circuit breaker. 2,327,493; Aug. 24.
- Brest, Harry C., Pomona, Calif., assignor to Brodrex Company. Apparatus for use in preparing plant products for market. 2,336,775; Dec. 14.
- Breth, Joseph M. (See Roth, C. H., and Breth.)
- Breth, Walter J., assignor to The General Tire & Rubber Company, Akron, Ohio. Method of and apparatus for budding tires. 2,313,035; Mar. 9.
- Brettingham, John H., and W. Cernak, New York, N. Y. Double action safety switch. 2,326,199; Aug. 10.
- Bretzlaff, Walter H., Detroit, Mich., and C. P. Grimes, Syracuse, N. Y. Segregated pressure fan. 2,325,221; July 27.
- Bretzlaff, Walter H., Detroit, Mich., and C. P. Grimes, Syracuse, N. Y. Air impelling apparatus. 2,325,222; July 27.
- Breuer, Adam A., assignor to Breuer Electric Mfg. Co., Chicago, Ill. Portable suction cleaner. 2,316,836; Apr. 20.
- Breuer Electric Mfg. Co. (See Breuer, Adam A., assignor.)
- Breuer Electric Mfg. Co. (See Breuer, Grant W., as signor.)
- Breuer, Erich. (See Junker, O., Knauff, and Breuer.)
- Breuer, Grant W., assignor to Breuer Electric Mfg. Co., Chicago, Ill. Dust tight blower. 2,321,126; June 8.
- Breuner, Wallace E. (See Robinson, Bestor.)
- Brevitia Limited. (See Kuna, Josef, assignor.)
- Brew, Harold E., Glazebrook, Manchester, England. Knitted fabric and manufactured knitted articles. 2,308,593; Jan. 19.
- Brewer, Arthur S., assignor to National Fireproofing Corporation, Pittsburgh, Pa. Double shell dry speed wall. 2,329,585; Sept. 4.
- Brewer, Charles A., Noroton Heights, Conn., assignor of one-half to P. J. Kury. Power device. 2,307,619; Jan. 5.
- Brewer, John H., assignor to Hynson, Westcott & Dunning, Incorporated, Baltimore, Md. Sterile surgical package. 2,313,512; Mar. 9.
- Brewer, Lewis E., Boonville, assignor of ten per cent to T. Zeakas and H. Galanos, St. Louis, Mo. Window screen. 2,323,285; July 6.
- Brewer, Nicholas L., North Agawam, Mass., assignor to Savage Arms Corporation, New York, N. Y. Feed mechanism for firearms. 2,320,403; June 1.
- Brewer, Reuben J., St. Paul, and J. W. Campbell, New Brighton, Minn. Honey foundation holder. 2,333,840; Nov. 9.
- Brewer, Richard D., Wayne, assignor to Ford Motor Company, Dearborn, Mich. Connector. 2,326,327; Aug. 10.
- Brewer, Robert B., East Cleveland, and L. G. Bergeron, Cleveland, assignors of one-third to S. Eldridge Sampliner, Cleveland Heights, Ohio. Chime. 2,333,515; Nov. 2.
- Brewer-Titchener Corporation, The. (See Johannsen, Udo K., assignor.)
- Brewer, William L., Jr., Port Townsend, Wash. Trailer brake control. 2,336,342; Dec. 7.
- Brewerton, Norman E. (See Webb, C. F., and Brewerton.)
- Brewster Aeronautical Corporation. (See Bertran, Edward M., assignor.)
- Brewster Aeronautical Corporation. (See Eddy, Edwyn A., assignor.)
- Brewster Aeronautical Corporation. (See Frey, Christopher J., assignor.)
- Brewster Aeronautical Corporation. (See Frey, C. J., and Thomas, assignors.)
- Brewster Aeronautical Corporation. (See Hardman, George W., assignor.)
- Brewster Aeronautical Corporation. (See Horncastle, Thomas E., assignor.)
- Brewster, Marshall L., Van Nuys, Calif. Pneumatic cushion. 2,325,223; July 27.
- Brewster, Morris B., Co. (See Turner, Guilford S., assignor.)
- Brewster, Percy D., Holmdel, N. J. Converting photographic images into color. 2,320,028; May 25.
- Brewster, Percy D., Holmdel, N. J. Color cinematography. 2,328,418; Aug. 31.
- Brey, Harold E., Wauwatosa, and H. E. Swanson, Milwaukee, Wis. Traction brake. 2,318,286; May 4.
- Brey, Harold E., Wauwatosa, and H. E. Swanson, assignors to Universal Unit Power Shovel Corporation, West Allis, Milwaukee, Wis. Traction brake and driving mechanism. 2,320,320; May 25.
- Breyer, Frank G., Wilton, Conn., assignor to J. M. Huber, Inc., New York, N. Y. Method and apparatus for printing. 2,329,152; Sept. 7.
- Breyfogle, Albert W. (See Wilder, H. F., and Breyfogle.)
- Breymaier, Jacob A., Schenectady, N. Y., assignor to General Electric Company. Thermoresponsive circuit controller. 2,307,484; Jan. 5.
- Brian, William S. (See McKinley, C. W., and Brian.)
- Brick, Perry A., assignor to The Perfection Steel Body Company, Gallon, Ohio. Body tipping apparatus for motor vehicles. 2,312,871; Mar. 2.
- Bricker, Carrie M., Cleveland, Ohio. Holder for napkin, etc. 2,323,892; July 13.

- Brickler, George. (See Gilbert, George, assignor.)
 Brickley, James L., Parby, assignor of one-half to S. A. Wheeler, Hamilton, Mont. Pipe wrench. 2,332,692; Oct. 28.
 Brickman, Alan E., Rostraver Township, Westmoreland County, Pa. Road guard bracket and clip. 2,321,983; June 15.
 Brickman, Alan E., Monongahela, Pa., assignor to The American Steel and Wire Company of New Jersey. Top seal for pavement joints. 2,315,588; Apr. 6.
 Brickman, Alan E., Monongahela, Pa., assignor to The American Steel and Wire Company of New Jersey. Combination cable and plate highway guard. 2,317,248; Apr. 20.
 Brickman, Alan E., Monongahela, Pa., assignor to The American Steel and Wire Company of New Jersey. Highway guard. 2,317,249; Apr. 20.
 Brickman, Alan E., Monongahela, Pa., assignor to The American Steel and Wire Company of New Jersey. Pavement joint. 2,319,972; May 25.
 Brickman, Alan E., Monongahela, Pa., assignor to The American Steel and Wire Company of New Jersey. Metal highway guard support. 2,325,514; July 6.
 Brickman, Alan E., Monongahela, Pa., assignor to The American Steel and Wire Company, of New Jersey. 2,324,468; July 20.
 Brickman, Alan E., Monongahela, Pa., assignor to The American Steel and Wire Company. Pavement joint. 2,325,472; July 27.
 Brickman, Alan E., Monongahela, Pa., assignor to The American Steel and Wire Company of New Jersey. Metal highway guard support. 2,331,980; Nov. 23.
 Brickner-Kropf Machine Company. (See Kropf, Henry W., assignor.)
 Bridge, Edward W., Philadelphia, Pa. Mass balling machine and belt. 2,327,245; Aug. 17.
 Bridge, Herbert G., Saugus, Mass. Collapsible structure. 2,311,515; Feb. 16.
 Bridgeport Brass Company. (See Albert, Alan D., assignor.)
 Bridgeport Brass Company. (See Tuttle, Wainwright, assignor.)
 Bridgeport Fabrics, Inc. (See Sprauzen, Louis, assignor.)
 Bridgeport Metal Goods Manufacturing Company, The. (See Boulden, Rudolph N., assignor.)
 Bridgeport Safety Emery Wheel Company, The. (See Cobb, James S., assignor.)
 Bridge, Grover L., near Sheffield, Ala. Treating ferrophosphorus. 2,320,342; June 1.
 Bridges, Col. C. G., Means cleaning hard or frozen berries. 2,315,929; Apr. 6.
 Bridges, Dennis G., assignor to Dowty Equipment Limited, Cheltenham, England. Retractable landing gear for aircraft. 2,333,981; Nov. 9.
 Bridges, Edward G., assignor to Lynch Corporation, Anderson, Ind. Glass mold operating mechanism. 2,307,563; Jan. 5.
 Bridges, Edward G., assignor to Lynch Corporation, Anderson, Ind. Machine for making hollow glass articles. 2,307,564; Jan. 5.
 Bridges, Edward G., assignor to Lynch Corporation, Anderson, Ind. Glassware blowing mechanism. 2,307,565; Jan. 5.
 Bridges, Edward G., assignor to Lynch Corporation, Anderson, Ind. Safety mechanism for glassware forming machines. 2,336,162; Dec. 7.
 Bridges, Gerald G., and S. A. Miller, Jr., Greensburg, Ind. Holder for bottles, etc. 2,310,390; Feb. 9.
 Bridges, John R. (See Langer, G. B., and Bridges.)
 Bridges, Walter, Chelsea, London, England. Winding apparatus. 2,313,618; Mar. 9.
 Bridges, Walter, Chelsea, London, England. Means for wrapping filaments around tubes or cylinders. 2,317,250; Apr. 20.
 Bridges, Walter, Chelsea, London, England. Wrapping filaments around tubes or cylinders. 2,331,371; Oct. 12.
 Bridges, Walter, Chelsea, London, assignor to The Projectile & Engineering Company, Limited, Battersea, London, England. Wire reinforcement. 2,335,038; Nov. 23.
 Brieche, Ambrosius, Brooklyn, R. T. Hurley, Dobbs Ferry, N. Y., and G. E. Merritt, Lushy, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Camera. 2,309,300; Jan. 26.
 Brieche, Ambrosius, Brooklyn, R. T. Hurley, Dobbs Ferry, New York, N. Y., and G. E. Merritt, Lushy, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Simulating bombing. 2,310,613; Feb. 9.
 Bried, Edward A., Elsmere, assignor to Hercules Powder Company, Wilmington, Del. Acetaldehyde-formaldehyde condensation product. 2,325,880; Aug. 3.
 Bried, Julien A. (See Harris, H. H., and Bried.)
 Brief, Samuel, New York, N. Y. Maraca. 2,318,460; May 4.
 Briefer, Richard N. (See Wise, Lawrence, assignor.)
 Brien, Huron C. (See Kellett, W. R., and Brien.)
 Brigg, John E., Rickmansworth, England, assignor to Okonite Candler Cable Company Inc., Paterson, N. J. Insulated electric conductor. 2,318,367; May 4.
 Briggmann, George P., Bayside, N. Y. assignor to Carbide and Carbon Chemicals Corporation. Preventing silver tarnish. 2,323,369; July 6.
 Briggs Clarifier Company. (See Briggs, Southwick W., assignor.)
 Briggs, Ernest B., Dubuque, assignor of one-fourth to Gladys Jolly, Flossmore, Ill., one-fourth to Irene Harris, Cincinnati, Ohio, and one-fourth to Dorothy Davis, Dubuque, Iowa. Spring clip. 2,331,452; Oct. 12.
 Briggs, Henry C., Brooklyn, N. Y. Mechanism for improving the dirigibility of ships, submarines, and aircraft. 2,327,994; Aug. 31.
 Briggs, Henry C., Brooklyn, N. Y. Mechanism for improving the dirigibility of ships, submarines, and aircraft. 2,330,674; Sept. 28.
 Briggs, Howland F., assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Bag opening, shaping and billing device. 2,307,990; Jan. 12.
 Briggs, Howland F., assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Compensator for automatic scales. 2,327,093; Aug. 17.
 Briggs Manufacturing Company. (See Ball, Albert P., assignor.)
 Briggs Manufacturing Company. (See Jjaarda, John, assignor.)
 Briggs Manufacturing Company. (See Lee, Marion H., assignor.)
 Briggs Manufacturing Company. (See Maize, Paul F., assignor.)
 Briggs Manufacturing Company. (See Marshall, William, assignor.)
 Briggs Manufacturing Company. (See Platz, Henry T., assignor.)
 Briggs Manufacturing Company. (See Tjaarda, John, assignor.)
 Briggs, Merton B., assignor to I. A. Shum, Pittsburgh, Pa. Stabilizer. 2,310,570; Feb. 9.
 Briggs, Quentin L., and R. A. Voyls, Chicago, Ill. Moving toy and track for thereon. 2,315,242; Mar. 30.
 Briggs, Richard S., Beverly, assignor to Bruce A. Collins, Peabody, Mass. High frequency tube. 2,337,111; Dec. 21.
 Briggs, Robert E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Adjustable sprocket wheel. 2,314,009; Mar. 30.
 Briggs, Southwick W., assignor to Briggs Clarifier Company, Washington, D. C. Method and apparatus for separating solids from fluids. 2,321,985; June 15.
 Briggs & Stratton Corporation. (See Fitz Gerald, John W., assignor.)
 Briggs & Stratton Corporation. (See Jacob, Edward N., assignor.)
 Briggs, Thomas H. and W. H., assignors to Burman & Sons Limited, Birmingham, England. Screw thread mechanism. 2,327,013; Aug. 17.
 Briggs, Thomas H. and W. H., assignors to Burman & Sons Limited, Birmingham, England. Screw-thread mechanism, and particularly vehicle steering mechanism. 2,329,871; Sept. 21.
 Briggs, Walter H. (See Averna, H. M., and Briggs.)
 Briggs, Walter H. (See Briggs, Thomas H. and W. H.)
 Briggs, Walter M. (See Adams, Hubert W., assignor.)
 Bright, John G., Artamon, near Sydney, New South Wales, Australia. Apparatus for cleaning ships' bottoms. 2,327,012; Aug. 17.
 Bright, Nicholas S., Milwaukee, Wis. Automatic alarm device. 2,335,039; Nov. 23.
 Bright, Ray L., Chase, Kans. Gauge pole wiper. 2,320,909; June 1.
 Bright, Stanley, Jr., Born Township, Berks County, Pa. Quickly detachable seal. 2,323,449; July 6.
 Briley, Edgar A., Shelbyville, Ind. Receptacle support and closure operator. 2,309,379; Jan. 26.
 Brill, Ruby L., and S. Lipton, Long Beach, N. Y. Hat adjusting means. 2,325,473; July 27.
 Brillo Manufacturing Company. (See Field, Crosby, assignor.)
 Brillo Manufacturing Company. (See Field, C., and Toole, assignors.)
 Brimble, George D., University City, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake actuating unit. 2,336,841; Dec. 14.
 Brinck Engineering Company. (See McComb, Lloyd A., assignor.)
 Brindle, Thomas, Pawtuxet, R. I. Ladder and like webbing and method and mechanism for producing the same. 2,317,513; Apr. 27.
 Briney, Otis R., Jr., Pontiac, Mich. Bearing. 2,311,815; Feb. 23.
 Bring, Frank G., assignor to Erie City Iron Works, Erie, Pa. Steam generator. 2,309,334; Jan. 26.
 Brink, Winfield S., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Wheel construction. 2,308,959; Jan. 19.
 Brinker, Charles. (See Hebestreit, Harold H., assignor.)
 Brinker, John H., Covington, Ky., assignor to The Globe-Wernicke Co., Norwood, Ohio. Clip board. 2,334,880; Nov. 16.
 Brisbane, Eugene C., and E. E. Hlker, assignors to S. Morgan Smith Company, York, Pa. Fluid control means. 2,330,468; Sept. 28.
 Briscoe, Charles F., Compton, and H. L. Graham, Taft, Calif. Toilet ventilator. 2,320,065; May 25.
 Briscoe, Ernest V., Kerman, Calif. Adjustable draft connection unit for implements. 2,316,397; Apr. 13.
 Briskin, Jack, et al. (See Sperry, Philmore F., assignor.)

- Briskin, Jack. (See Sperry, P. F., and Briskin, Philip F., and J.)
- Briskin, Philip F., et al. (See Sperry, Philmore F., assignor.)
- Briskin, Philip F. (See Sperry, P. F., and Briskin, Philip F., and J.)
- Briskin, Theodore H., et al. (See Sperry, Philmore F., assignor.)
- Briskin, Theodore H. (See Sperry, P. F., and Briskin, Philip F., and J.)
- Briskin, Theodore S. (See Sperry, P. F., and Briskin.)
- Briskin, Theodore S., Chicago, Ill., and P. F. Sperry, deceased, by Helen B. Sperry, executrix, assignors to Revere Camera Company, Chicago, Ill. Magazine ejector for cameras. 2,332,693; Oct. 26.
- Bristol, Miller M., New York, N. Y. Freight car. 2,320,216; May 25.
- Bristol Aeroplane Company Limited. (See Downer, F. M., and Underwood, assignors.)
- Bristol Aeroplane Company Limited, The. (See Fedden, Alfred H. R., assignor.)
- Bristol Aeroplane Company Limited. (See Fedden, A. H. R., Butler, Thomas, and Price, assignors.)
- Bristol Aeroplane Company Limited, The. (See Fedden, A. H. R., and Thomas, assignors.)
- Bristol Aeroplane Company Limited, The. (See Gadd, E. R., and Keates, assignors.)
- Bristol Aeroplane Company Limited, The. (See Mansell, S. W., and Holloway, assignors.)
- Bristol Aeroplane Company Limited, The. (See Thomas, F. M., Kenney, and Price, assignors.)
- Bristol, Carlton W., Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Fluid-pressure-actuated regulating system. 2,325,103; July 27.
- Bristol, Chester L., Elyria, Ohio, assignor to National Tube Company. Controlling the operation of pumps and the like. 2,336,526; Dec. 14.
- Bristol Company, The. (See Beecher, John W., assignor.)
- Bristol Company, The. (See Bristol, Carlton W., assignor.)
- Bristol Company, The. (See Bristol, Franklin B., assignor.)
- Bristol Company, The. (See Hart, Eugene H., assignor.)
- Bristol Company, The. (See Hicks, James R., assignor.)
- Bristol Company, The. (See Hicks, J. R., and Borden, assignors.)
- Bristol Company, The. (See Leone, Otto J., assignor.)
- Bristol Company, The. (See Mabey, Arthur R., assignor.)
- Bristol Company, The. (See MacLaren, Frederick B., Jr., assignor.)
- Bristol, Franklin B., Middlebury, assignor to The Bristol Company, Waterbury, Conn. Self-balancing circuit mechanism. 2,320,066; May 25.
- Bristol, Franklin B., Middlebury, assignor to The Bristol Company, Waterbury, Conn. Telemetric apparatus. 2,326,200; Aug. 10.
- Bristol, John E., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sizing synthetic linear polyamide textiles. 2,317,728; Apr. 27.
- Bristow, Bernard C., Burlingame, Calif., assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Apparatus for manufacturing piston rings. 2,336,462; Dec. 14.
- Britann, Mary E., Detroit, Mich. Collapsible basket. 2,321,005; June 8.
- British Acoustic Films Limited. (See Koib, O. K., and Boston, assignors.)
- British Insulated Cables Limited. (See Quayle, Joshua C., assignor.)
- British Oxygen Company, Limited, The. (See Schuftan, Paul M., assignor.)
- Britt, Herbert E., Los Angeles, Calif. Producing smoke. 2,311,635; Feb. 23.
- Britt, Kenneth W., Norwood, assignor to Scott Paper Company, Chester, Pa. High-wet-strength paper. 2,325,302; July 27.
- Britt, Kenneth W., Norwood, and W. S. Corbin, Ridley Park, assignors to Scott Paper Company, Chester, Pa. Latex adhesive. 2,339,104; Nov. 23.
- Britton, Edwin F., Jr., Short Hills, assignor to Monroe Calculating Machine Company, Orange, N. J. Compass bowl. 2,319,529; May 18.
- Britton, Edwin F., Jr., Short Hills, assignor to Monroe Calculating Machine Company, Orange, N. J. Magnetic compass. 2,325,365; July 27.
- Britton, John E., et al. (See Sharpe, Troy F., assignor.)
- Britton, Edgar C., H. S. Nutting, M. E. Huser, and A. R. Sexton, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of cyanohydrins. 2,311,636; Feb. 23.
- Britton, Edgar C., and G. H. Coleman, assignors to The Dow Chemical Company, Midland, Mich. Amine salts of phenols. 2,313,988; Mar. 16.
- Britton, Edgar C., and C. L. Moxie, assignors to The Dow Chemical Company, Midland, Mich. Mono-ethers of chloroalkyl acetals. 2,314,305; Mar. 16.
- Britton, Edgar C., and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Purification of partially oxidized styrene by treating with sodium bisulphite. 2,318,742; May 1.
- Britton, Edgar C., and W. R. Shawver, assignors to The Dow Chemical Company, Midland, Mich. Preparation of chloroacetamide. 2,321,278; June 8.
- Britton, Edgar C., and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Copolymers of p-chlorostyrene. 2,321,896; June 15.
- Britton, Edgar C., and G. H. Coleman, assignors to The Dow Chemical Company, Midland, Mich. Synthetic resin plastic compositions. 2,321,897; June 15.
- Britton, Edgar C., H. S. Nutting, and L. H. Horsley, assignors to The Dow Chemical Company, Midland, Mich. Separation of ketones and monohydric alcohols from mixtures thereof. 2,324,255; July 13.
- Britton, Edgar C., G. H. Coleman and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Styrene copolymer plastic compositions. 2,329,033; Sept. 7.
- Britton, Edgar C., G. H. Coleman, and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Making co-polymers of styrene. 2,331,263; Oct. 5.
- Britton, Edgar C., and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Polymerization method. 2,333,633; Nov. 9.
- Britton, Edgar C., Midland, Mich., and C. W. Davis, Pittsburgh, Calif., assignors to The Dow Chemical Company, Midland, Mich. Co-polymerization of vinyl halides with vinylidene halides. 2,333,634; Nov. 9.
- Britton, Edgar C., and W. J. Le Fevre, assignors to The Dow Chemical Company, Midland, Mich. Polymerizing vinyl compounds. 2,335,635; Nov. 9.
- Britton, Edgar C., and G. H. Coleman, assignors to The Dow Chemical Company, Midland, Mich. Stabilized ether. 2,336,667; Dec. 14.
- Britton, Edgar C., and G. H. Coleman, assignors to The Dow Chemical Company, Midland, Mich. Stabilized ether. 2,336,668; Dec. 14.
- Britton, Kenneth L., and R. O. Eaton, Erie, Pa., assignors to General Electric Company. Electric resistor. Re. 22,313; May 18.
- Briton, Loren D. (See Greenlee, H. R., Britton, and Bond.)
- Britton, Sylvester C. (See Henry, R. W., and Britton.)
- Britts, Emmett E., Jr., Kerns, Va., assignor to Celanese Corporation of America. Spindle brake. 2,334,748; Nov. 23.
- Brixner, Frederick W., Gates, assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,314,267; Mar. 16.
- Broadfield Metals Corporation. (See Ducarpe, Pierre G., assignor.)
- Broadfoot, John F., Johnston, R. I. Package loading apparatus. 2,334,308; Nov. 16.
- Broadfoot, John F., Johnston, R. I. Package. 2,337,370; Dec. 21.
- Broadwater, Henry S., deceased; V. Tenger, executrix, assignor to V. Tenger, Ridgefield, Conn. Motor vehicle. 2,312,071; Feb. 23.
- Broadwater, Henry S., deceased; V. Tenger, executrix, assignor to V. Tenger, Ridgefield, Conn. Endless track for vehicles. 2,312,072; Feb. 23.
- Broche, Hans. (See Pott, A., and Broche.)
- Brock, Clarence A., assignor to Rexair, Inc., Detroit, Mich. Nozzle for vacuum cleaners. 2,325,739; Aug. 3.
- Brock & Rankin. (See Hildmann, William B., assignor.)
- Brockel, William G., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for coating wire. 2,316,984; Apr. 20.
- Brockett, Glenn F., assignor to Fisher Governor Company, Marshalltown, Iowa. Float. 2,322,818; June 29.
- Brockhurst, James B., Red Bank, N. J. Sheet piling. 2,322,819; June 29.
- Brockman, Charles J., Athens, Ga. Treatment of waste liquor. 2,318,919; May 11.
- Brockman, Charles J., Athens, Ga. Electrolytic process for treatment of whole distillery slop. 2,334,063; Nov. 9.
- Brockman, Morton S. (See Thompson, J., and Brockman.)
- Brockway Glass Company. (See Mengle, Glenn A., assignor.)
- Brocky, Tony, assignor of one-half to M. and G. Cook, Minneapolis, Minn., joint tenants. Navigation guide. 2,337,587; Dec. 28.
- Brodbeck, Almer H. (See Kosky, J. G., Brodbeck, and Kahler.)
- Brodbeck, Almer H., assignor to American Stove Company, St. Louis, Mo. Range. 2,327,761; Aug. 24.
- Broderhausen, Loren, Evansville, Ind. Saw attachment for electric drills. 2,319,973; May 25.
- Broderick & Bascom Rope Company. (See Larkin, David, assignor.)
- Broderick, Aubrey E., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Making esters of hydroxyalkyl celluloses and product produced thereby. 2,327,397; Aug. 24.
- Broderick, Aubrey E., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Cellulose ether derivatives and producing the same. 2,329,741; Sept. 21.

- Broderick, Aubrey E., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Esterification of hydroxyalkyl celluloses. 2,330,263; Sept. 28.
- Broderick, Frank W. (See Sunderhauf, F. A., and Broderick.)
- Brodersen, Richard, Dessau, and G. Wilmanns, Wolfen, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Manufacture of anthralation layers. 2,321,279; June 8.
- Brodie, Isidore R., New Britain, Conn. Venetian blind. 2,316,398; Apr. 13.
- Brodie, Ralph N., Company. (See Berck, William F., assignor.)
- Broedling, William E., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Flexible tubing. 2,321,064; June 8.
- Broekhuysen, Wilham C., Garden City, N. Y., assignor to International Cigar Machinery Company. Electro-electric device for cigar machines. 2,320,346; June 1.
- Broen, Frank L., Neenah, assignor to Marathon Paper Mills Company, Rothschild, Wis. Package for dispensing interfolded sheets. 2,326,433; Aug. 10.
- Broen, Frank L., Neenah, assignor to Marathon Paper Mills Company, Rothschild, Wis. Dispensing carton. 2,331,651; Oct. 2.
- Broen, Frank L., Neenah, and B. T. Hoffmaster, Menasha, assignors to Marathon Paper Mills Company, Rothschild, Wis. Dispensing carton. 2,334,536; Nov. 16.
- Broen, Frank L., and P. E. Fischer, Neenah, assignors to Marathon Paper Mills Company, Rothschild, Wis. Carton. 2,336,812; Dec. 14.
- Brogan, John R., St. Joseph, Mo., and F. B. De Blieck, East Moline, Ill., assignors to International Harvester Company, Harvester. 2,327,864; Aug. 24.
- Brogden, Ernest M., Orlando, Fla., assignor to president and directors of the Manhattan Company (sometimes known as Bank of the Manhattan Company), trustee, New York, N. Y. Package, packaging container, and blank therefor. 2,313,731; Mar. 16.
- Brogdex Company, Inc. (See Blomden, Irvin J., assignor.)
- Brogdex Company. (See Brost, Harry C., assignor.)
- Brogdex Company. (See Cotran, Charles D., assignor.)
- Broido, Daniel, London, England. Apparatus for assorting record cards, sheets and the like. 2,319,108; May 11.
- Broido, Daniel Cockfosters, Barnet, England. Light-controlled calculating and like machine. 2,317,082; Dec. 21.
- Brolin, Arthur F., Baltimore, Md. Film splicing. 2,318,287; May 4.
- Brolus, Henry W., Detroit, assignor of 40% to R. G. Kitchen, Grosse Pointe Park, Mich. Ship control. 2,317,251; Apr. 20.
- Bromley, Mellor, and Co. Limited. (See Bromley, T. C., and Shortland, assignors.)
- Bromley, Thomas C., and A. Shortland, assignors to Mellor Bromley & Co. Limited, Leicester, England. Shaft coupling. 2,329,153; Sept. 7.
- Bromley, Thomas C., and A. Shortland, assignors to Mellor Bromley and Co. Limited, Leicester, England. Straight bar knitting machine. 2,329,822; Sept. 21.
- Bronander, William B., Montclair, N. J. Making tear strip wrappers. 2,334,351; Nov. 16.
- Broncato, Joseph, Rye, N. Y. Scaffold structure. 2,310,062; Feb. 2.
- Bronner, James P., Staten Island, N. Y. Wall unit assembly. 2,316,668; Apr. 13.
- Bronson, Frederick L., New York, N. Y., assignor to The Fibre Can and Machinery Company, New Haven, Conn. Apparatus for applying caps to containers. 2,309,929; Feb. 2.
- Bronson Reel Company. (See Cox, Joseph A., assignor.)
- Bronson Reel Company. (See Cox, J. A., and McMahon, assignors.)
- Brook, Arthur F., Madison, N. J. Binding. 2,325,938; Aug. 3.
- Brooke, Frank W., assignor to Swindell-Dressler Corporation, Pittsburgh, Pa. Apparatus for tightening electrode joints. 2,322,918; June 29.
- Brooke, Frank W., Pittsburgh, Pa. Self-locking nut. 2,325,303; July 27.
- Brooke, Frank W., and P. D. H. Dressler, assignors to Swindell-Dressler Corporation, Pittsburgh, Pa. Tunnel kiln. 2,320,172; May 25.
- Brooke, Lloyd F. (See Oakley, E. H., and Brooke.)
- Brooke, Norman E., Washington, D. C. Weed cutter. 2,314,685; Mar. 23.
- Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. Unsymmetrical thiazolino-carbo-cyanine dyes and photographic emulsion. 2,307,916; Jan. 12.
- Brooker, Leslie G. S., and G. H. Keyes, assignors to Eastman Kodak Company, Rochester, N. Y. Polymethine dye intermediate and preparation. 2,315,498; Apr. 6.
- Brooker, Leslie G. S., and H. W. J. Cressman, assignors to Eastman Kodak Company, Rochester, N. Y. Dye intermediate. 2,317,357; Apr. 27.
- Brooker, Leslie G. S., and W. W. Williams, assignors to Eastman Kodak Company, Rochester, N. Y. Dye intermediate. 2,330,203; Sept. 28.
- Brooker, Leslie G. S., and R. H. Sprague, assignors to Eastman Kodak Company, Rochester, N. Y. Merocyanine dyes containing a selenocarbonyl group. 2,332,433; Oct. 19.
- Brooker, Leslie G. S., and F. L. White, assignors to Eastman Kodak Company, Rochester, N. Y. Cyanine dyes containing a tetrahydrobenzothiazole nucleus. 2,336,463; Dec. 14.
- Brooker, Leslie G. S., and F. L. White, assignors to Eastman Kodak Company, Rochester, N. Y. Cyanine dye containing a tetrahydrobenzothiazole nucleus. 2,336,843; Dec. 14.
- Brooks, Arthur B., Nutley, and B. W. Bender, Wanaque, N. J., assignors to United States Rubber Company, New York, N. Y. Absorptive mold lining. 2,310,391; Feb. 9.
- Brooks, Benjamin T., Old Greenwich, Conn., assignor to Standard Alcohol Company. Chlorohydrin of unsaturated alcohol. 2,311,023; Feb. 16.
- Brooks, Benjamin L., Lynchburg, Va. Match book holder. 2,324,276; July 13.
- Brooks, Claud A. (See Crabtree, Ralph N., and Brooks.)
- Brooks Cleaver Company. (See Huber, Charles J., assignor.)
- Brooks, E. J., Company. (See Brooks, Winfred M., assignor.)
- Brooks, E. J., Company. (See Hothersall, John M., assignor.)
- Brooks, E. N., et al., executors. (See Brooks, Lew W.)
- Brooks Equipment Corporation. (See Brooks, Stephen H., assignor.)
- Brooks Equipment and Mfg. Co. (See Brooks, Lew W., assignor.)
- Brooks Equipment Corporation. (See Brooks, Stephen H., assignor.)
- Brooks, Herbert B., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Constant direct current source. 2,312,022; Feb. 23.
- Brooks, John C., Longmeadow, and E. R. Derby, Springfield, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Tracing plastic. 2,312,623; Mar. 2.
- Brooks, John R., Richmond, Va. Lubricator for engine cylinders. 2,313,462; Mar. 9.
- Brooks, John W., Petersburg, Va. Air compressor. 2,319,718; May 18.
- Brooks, John W., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Electric light fixture. 2,322,112; June 15.
- Brooks, Lew W., Knoxville, Tenn., decensed, E. N. Brooks, K. Martin, and J. A. Ayers, executors, assignors to Brooks Equipment and Mfg. Co., Knoxville, Tenn. Loading, hauling, and dumping apparatus. 2,313,514; Mar. 9.
- Brooks, Maxwell J. (See Bousquet, L. R. G., and Brooks.)
- Brooks, Maxwell J., Beverly Hills, Calif., assignor to General Chemical Company, New York, N. Y. Manufacture of oxalic acid. 2,322,915; June 29.
- Brooks, Raymond O., assignor to Baldwin Rubber Company, Pontiac, Mich. Method and apparatus for manufacturing tubing. 2,320,504; June 1.
- Brooks, Richard E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of alkoxy alcohols. 2,321,542; June 8.
- Brooks, Stephen H., New York, N. Y. Power transmission. 2,315,589; Apr. 6.
- Brook, Stephen H., New York, N. Y. Hinged joint. 2,324,061; July 13.
- Brooks, Stephen H., New York, N. Y. Flexible joint. 2,324,062; July 13.
- Brooks, Stephen H., assignor to Brooks Equipment Corporation, New York, N. Y. Lubricated hinged shaft joint. 2,330,552; Sept. 25.
- Brooks, Stephen H., Beverly Hills, Calif., assignor to Brooks Equipment Corporation, New York, N. Y. Turret-type universal joint. 2,333,292; Nov. 2.
- Brooks, Stephen H., assignor to Brooks Equipment Corporation, New York, N. Y. Bracket. 2,337,520; Dec. 21.
- Brooks, Winfred M., West Orange, assignor to E. J. Brooks Company, Newark, N. J. Seal and tag therefor. 2,312,023; Feb. 23.
- Brookshire, Drake, New Orleans, La. Well packer. 2,319,295; May 18.
- Brookshire, Walter, Elizabethton, Tenn., assignor to American Bemberg Corporation, New York, N. Y. Thread guide. 2,307,664; Jan. 5.
- Broom and Wade Limited. (See Cuthbert, Robert A., assignor.)
- Broomell, George L., Jr. (See Schock, J. F., Broomell, Jr.)
- Broos, Henricus A., Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America. Volume control circuit. 2,312,748; Mar. 2.
- Bromley, Thomas C., and A. Shortland, assignors to Mellor Bromley & Co. Limited, Leicester, England. Circular knitting machine of the links and links type. 2,327,398; Aug. 24.
- Brophy, John J., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Reinforcing shoe parts. 2,325,658; Aug. 3.
- Brosco, Fred, et al. (See Brosco, Gericho, assignor.)
- Brosco, Gericho, Warwick, R. I., assignor of one-third to C. B. Sargent, Boston, Mass., and one-sixth to F. Brosco, Johnston, R. I. Welding clamp. 2,323,450; July 6.

- Brose, Horace B., Chicago, Ill. Automatic slide projector. 2,320,910; June 1.
- Brosemer, Louis C., Sacramento, Calif. Road oiler. 2,329,331; Sept. 14.
- Brosi, Albert R., Providence, R. I., assignor to United States Rubber Company, New York, N. Y. Manufacture of rubber threads. 2,333,699; Nov. 9.
- Brosites Machine Company. (See Hutchings, Joseph L., assignor.)
- Brosites Machine Company. (See Weber, George H., assignor.)
- Brosius, Edgar E., Pittsburgh, Pa. Manipulator. 2,314,086; Mar. 23.
- Brosius, Murray, Nashville, Tenn. Inside mold form. 2,315,594; Mar. 30.
- Brousseau, John B. (See Brosseau, Joseph E. and J. B.)
- Brousseau, Joseph E. and J. B., West Chicago, Ill. Control device. 2,320,347; June 1.
- Brostrom, Charles G., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Roughing tool. 2,310,211; Feb. 9.
- Brostrom, Charles G., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sole-rounding machine. 2,319,296; May 18.
- Brostrom, Charles G., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for operating on shoes. 2,323,973; July 13.
- Brostrom, Charles G., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Roughing and trimming machine. 2,328,609; Sept. 7.
- Brostrom, Charles G., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine. 2,330,264; Sept. 28.
- Brother, George H., Urbana, and L. L. McKinney, Champaign, Ill., assignors to Secretary of Agriculture of the United States of America. Producing protein plastics. 2,309,380; Jan. 26.
- Brotherton, Clifford A., Columbus, assignor to The Timken Roller Bearing Company, Canton, Ohio. Bushing rolling device. 2,309,824; Feb. 2.
- Brothman, Hyman, Detroit, Mich. Laundry apparatus. 2,320,713; Jan. 1.
- Brothman, Hyman D., Traverse City, and F. J. Westrope, deceased, by F. D. Westrope, Pleasant Ridge, administrative assignors to F. L. Jacobs Company, Detroit, Mich. Power-operated window-lifting device. 2,337,867; Dec. 28.
- Broudy, Albert M., Pittsburgh, Pa. Adjustable hat. 2,329,586; Sept. 14.
- Brougham, Frank O., and E. E. Poulin, assignors to United States Envelope Company, Springfield, Mass. Apparatus for making containers. 2,321,647; June 15.
- Broughton, Arthur E., Glens Falls, N. Y. Spraying device for paper machines. 2,318,568; May 4.
- Broughton, Douglas J., assignor to Buxton, Incorporated, Springfield, Mass. Flexible pocket receptacle. 2,337,967; Dec. 28.
- Broun, Morrison J. (See Pritzam, H. E., and Broun.)
- Brouse, William H. D., Toronto, Ontario, Canada, assignor to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Adjusting the length of stroke of pistons. 2,316,399; Apr. 13.
- Brouse, William H. D., Toronto, Ontario, Canada, assignor, by mesne assignments, to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Fluid meter. 2,317,325; Apr. 20.
- Brower, Benjamin W., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Repeater for weft replenishing loom. 2,312,147; Feb. 23.
- Brower, Benjamin W., Auburn, and W. A. Patterson, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Weft replenishing loom. 2,312,146; Feb. 23.
- Browall, Bert H., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Automatic slack adjuster for brake. 2,312,384; Mar. 2.
- Brower, Floyd E., Gardiner, Oreg. Self-locking caster step-ladder. 2,314,478; Mar. 23.
- Brower Manufacturing Company. (See Anderson, Albert E., assignor.)
- Brower, Paul V., Edwardsville, Ill., and L. Love, Jackson Heights, N. Y., assignors to Shell Development Company, San Francisco, Calif. Refining light hydrocarbon distillates. 2,311,328; Feb. 16.
- Brower, Roger L. (See Gutenberg, A. C., and Brower.)
- Brown, Andrew G., Chicago, and F. Jansey, Riverside, said Brown assignor to Triner Scale & Manufacturing Company, Chicago, Ill. Multiple weighing scale. 2,308,044; Jan. 12.
- Brown, Archibald M., Trenton, Mich., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for punching and working metal. 2,308,953; Jan. 19.
- Brown, Arthur C. (See Holcomb, Charles R., Jr., assignor.)
- Brown, Arthur L. (See Hill, L. R., and Brown.)
- Brown, Arthur L., Forest Hills, and W. B. Atkinson, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Polymerized insulating compound. 2,326,748; Aug. 17.
- Brown, Arthur L., Forest Hills, and W. B. Atkinson, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Polymerized insulating compound. 2,326,749; Aug. 17.
- Brown, Ben H., administrator. (See Shearer, Edward J.)
- Brown, Ben H. (See McCormick, G. J., and Brown.)
- Brown, Benjamin G., Flint, assignor to General Motors Corporation, Detroit, Mich. Air cleaner and silencer assembly. 2,310,510; Feb. 9.
- Brown, Bernard J., assignor of one-half to Theodore H. Akemann, Elgin, Ill. Lintoleum marker. 2,322,277; June 22.
- Brown & Bigelow. (See Trollen, Martin E., assignor.)
- Brown and Brown, Incorporated. (See Brown, Chalmers S., assignor.)
- Brown, Carl A., Chardon, and C. W. Craig, Cleveland Heights, Ohio, assignors to General Electric Company. Glass feeding apparatus. 2,334,064; Nov. 9.
- Brown, Carl D. (See Draper, R. C., and Brown.)
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Automatic loom. 2,318,743; May 11.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Loom shuttle. 2,327,840; Aug. 24.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Loom stop motion. 2,336,343; Dec. 7.
- Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Loom temple. 2,336,591; Dec. 14.
- Brown, Carl D., Hopedale, and R. E. Chard, Milford, assignors to Draper Corporation, Hopedale, Mass. Filling feeler mechanism. 2,317,948; Apr. 27.
- Brown, Catherine A., Atlanta, Ga. Combined holder and drip collector for table utensils. 2,325,296; July 6.
- Brown, Cecil L., Baton Rouge, La., assignor to Standard Oil Development Company. Safety fuel. 2,321,280; June 8.
- Brown, Chalmers S., assignor to Brown and Brown, Incorporated, Lima, Ohio. Flap gate. 2,328,419; Aug. 31.
- Brown, Charles F., Greeneville, Tenn. Dispensing mechanism. 2,337,179; Dec. 21.
- Brown, Charles L., Jr., Stamford, Conn., assignor to Electrolux Corporation, New York, N. Y. Suction nozzle. 2,333,409; Nov. 2.
- Brown, Chester W. (See Steinhmayer, A. G., and Brown.)
- Brown, Chester W., assignor to Line Material Company, Milwaukee, Wis. Fuse link. 2,315,311; Mar. 30.
- Brown, Cicero C., J. R. Dodson, Jr., and F. L. Scott, Jr., assignors by mesne assignments, to J. L. Reed Company, Houston, Tex. Outside pipe cutter. 2,325,104; July 27.
- Brown, Clyde A., assignor to The Dole Valve Company, Chicago, Ill. Mixing valve. 2,334,990; Nov. 23.
- Brown, Clyde E., et al. (See Eaton, Robert H., assignor.)
- Brown Company. (See Schur, M. O., and Archer, assignor.)
- Brown, Corder T., et al. (See Rouse, Benjamin H., assignor.)
- Brown Corp., The. (See Brown, Henry W., assignor.)
- Brown, Curtis L., Peoria Heights, Ill. Drain cleaner. 2,336,592; Dec. 14.
- Brown, Cyril W., Wallington, England, assignor to Radio Patents Corporation. Electrical apparatus. 2,330,109; Sept. 21.
- Brown, Earl C. (See Johnson, J. M., and Brown.)
- Brown, Edward A., Dodge City, Kans. Mixer. 2,313,045; Mar. 9.
- Brown, Ellis V. (See Pasternack, R., and Brown.)
- Brown, Ethan Allan, Boston, and N. Benotti, Weston, Mass., said Benotti assignor to said Brown. Apparatus for cleansing tubular elements. 2,319,181; May 18.
- Brown, Francis V., Edgbaston, Birmingham, England. Remote control system. 2,308,048; Jan. 12.
- Brown, Frank. (See Olpin, H. C., Argyle, and Brown.)
- Brown, Frederick L., assignor to The American Pad & Textile Company, Greenfield, Ohio. Life preserver. 2,331,301; Oct. 12.
- Brown, Frederick L., assignor to The American Pad & Textile Company, Greenfield, Ohio. Life preserver. 2,331,302; Oct. 12.
- Brown, George B., Manville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Compressed and densified product and making the same. 2,328,518; Aug. 10.
- Brown, George B., Martinsville, and P. D. Cannon, Warren Township, Somerset County, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Insulating covering. 2,316,837; Apr. 6.
- Brown, George B., Martinsville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Insulating. 2,318,744; May 11.
- Brown, George B., Martinsville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Manufacturing fibrous insulation. 2,326,517; Aug. 10.
- Brown, George H., Haddonfield, N. J., assignor to Radio Corporation of America. Antenna. 2,313,513; Mar. 9.
- Brown, George H., Haddonfield, N. J., assignor to Radio Corporation of America. Ultra high frequency wattmeter. 2,314,764; Mar. 23.
- Brown, George H., Haddonfield, N. J., assignor to Radio Corporation of America. Direct reading meter. 2,316,153; Apr. 13.
- Brown, George H., Haddonfield, N. J., assignor to Radio Corporation of America. Multiple section antenna. 2,321,454; June 8.
- Brown, George H., Haddonfield, N. J., assignor to Radio Corporation of America. Determining antenna constants. 2,337,968; Dec. 28.

- Brown, George M., New York, N. Y., assignor to Wingfoot Corporation, Akron, Ohio. Packaging. 2,331,762; Oct. 12.
- Brown, George M., Scotia, N. Y., assignor to General Electric Company. Modulation control system. 2,325,366; July 27.
- Brown, George M., Scotia, and C. M. Campbell, Schenectady, N. Y., assignors to General Electric Company. Control system. 2,334,537; Nov. 16.
- Brown, George R., Newark, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical conductor. 2,336,219; Dec. 7.
- Brown, Gordon H., and A. E. Langham, assignors to Electromaster, Inc., Detroit, Mich. Safety appliance for electrically heated apparatus. 2,314,863; Mar. 30.
- Brown, Grover W., East Haven, assignor to The Okemine Company, Passaic, N. J. Insulated electric conductor. 2,332,024; Feb. 28.
- Brown, Gustave O., and A. Vinogradoff, San Francisco, Calif. Fruit juice extractor. 2,313,318; Mar. 9.
- Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 2,321,181; June 8.
- Brown, Harold J., Indianapolis, Ind. Parallel operation of interrupting means. 2,327,575; Aug. 24.
- Brown, Harold J., Indianapolis, Ind. Balanced interrupter circuit. 2,327,576; Aug. 24.
- Brown, Harold J., Indianapolis, Ind. Balanced interrupter system. 2,327,577; Aug. 24.
- Brown, Harold J., Indianapolis, Ind. Parallel operation of regulator interrupters. 2,327,578; Aug. 24.
- Brown, Harold J., assignor to Electronic Laboratories, Incorporated, Indianapolis, Ind. Interrupter system. 2,327,579; Aug. 24.
- Brown, Harold J., Indianapolis, Ind. assignor to Electronic Laboratories, Inc. Electrical regulating system. 2,338,080; Dec. 28.
- Brown, Harold L., assignor to The Dow Chemical Company, Midland, Mich. Plastic helical structure. 2,313,980; Mar. 16.
- Brown, Hector H., Baltimore County, Md. Protective device for oil lubricating systems. 2,318,121; Mar. 9.
- Brown, Herbert C. (See Kharasch, M. S., and Brown.)
- Brown, Herbert C., assignor to Burroughs Adding Machine Company, Detroit, Mich. Special character and amount printing mechanism. 2,313,118; Mar. 9.
- Brown, Henry, assignor to The Fyrite Corporation, Detroit, Mich. Electrodeposition of nickel from an acid bath. 2,321,182; June 8.
- Brown, Henry W., assignor to The Brown Corp., Syracuse, N. Y. Apparatus for distributing insecticides and acaricides. 2,310,895; Feb. 9.
- Brown, Hugh S., Harvey, Ill. Earthing auger. 2,329,388; Sept. 11.
- Brown, Hugh S., Harvey, and G. E. Thomson, Chicago, assignors to The Buda Company, Harvey, Ill. Push car. 2,311,265; Feb. 16.
- Brown Instrument Company, The. (See Allwein, A. F., and Furdick, assignors.)
- Brown Instrument Company, The. (See Barnitz, Blair M., assignor.)
- Brown Instrument Company, The. (See Bean, R. D., Moore, and Side, assignors.)
- Brown Instrument Company, The. (See Brooks, Herbert E., assignor.)
- Brown Instrument Company, The. (See Busenkell, Charles C., assignor.)
- Brown Instrument Company, The. (See Caldwell, John A., assignor.)
- Brown Instrument Company, The. (See Harrison Thomas R., assignor.)
- Brown Instrument Company, The. (See Jones, Harry S., assignor.)
- Brown Instrument Company, The. (See Keeler, Earl A., assignor.)
- Brown Instrument Company, The. (See Mallory, Robert L., assignor.)
- Brown Instrument Company, The. (See Moore, Coleman B., assignor.)
- Brown Instrument Company. (See Side, F. W., and Caldwell, assignors.)
- Brown Instrument Company, The. (See Skagerberg, Rutherford, assignor.)
- Brown Instrument Company, The. (See Trumbower, Walter G., assignor.)
- Brown Instrument Company, The. (See Ullman, Roy, assignor.)
- Brown Instrument Company, The. (See Ullman, R., and Moore, assignors.)
- Brown Instrument Company, The. (See Vollrath, Joseph P., assignor.)
- Brown Instrument Company, The. (See Weigman, E. C., Trumbower, and Moore, assignors.)
- Brown Instrument Company, The. (See Wills, Walter P., assignor.)
- Brown, James A., Baldwin Park, Calif. Line guide for fishing rods. 2,317,129; Apr. 20.
- Brown, Jay F. (See Carson, T. L., and Brown.)
- Brown, Jesse J., Syracuse, N. Y. Photographic developing tray. 2,307,017; Jan. 5.
- Brown, John A., and J. E. Clarke, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Coating granular materials and product thereof. 2,314,340; Mar. 23.
- Brown, John H., Jr. (See Barnett, M. M., and Brown Jr.)
- Brown, John P., Streator, Ill., assignor to Owens-Illinois Glass Company. Fire polishing apparatus. 2,331,014; Oct. 5.
- Brown, John T. L., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Noise reduction in telephone transmission systems. 2,321,986; June 15.
- Brown, John T. L., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated. Manufacture of sealed articles. 2,324,556; July 20.
- Brown, Joseph D., New York, assignor to Polaron Products, Incorporated, New Rochelle, N. Y. Thermal jug. 2,326,434; Aug. 10.
- Brown, Joseph H., and J. F. Jagiel, Chicago, assignors to Francis N. Bard, Highland Park, Ill. Rock drill. 2,327,619; Aug. 24.
- Brown, Joseph R., Dallas, Tex. Envelope opening machine. 2,307,648; Jan. 5.
- Brown, Joshua R. C., Jr., Jackson Heights, N. Y., and L. A. Wooten, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Desulphurizing carbon coated metals. 2,314,816; Mar. 23.
- Brown, Kenneth R., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Ingredients for agricultural parasitides. 2,318,920; May 17.
- Brown, Kenneth R., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Monoesters of inner ethers of hexahydric alcohols. 2,322,820; June 29.
- Brown, Kenneth R., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Partial esters of ethers of polyhydroxylic compounds. 2,322,821; June 29.
- Brown, Kenneth R., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Oil and water emulsion containing electrolytes. 2,322,822; June 29.
- Brown, Kenneth R., Des Moines, Iowa, M. C. Cooley, University City, and H. H. Weller, Webster Groves, Mo., assignors to W. N. Matthews Corporation, St. Louis, Mo. Electrical protective device. 2,327,865; Aug. 24.
- Brown, L. M., Inc. (See Brown, Linwood M., assignor.)
- Brown, Lemuel G. (See Dubour, R. R., and Brown.)
- Brown, Leslie, assignor to Lenox Incorporated, Trenton, N. J. Refractory setter. 2,315,395; Mar. 30.
- Brown, Linwood M., Pittsburgh, Pa., assignor to L. M. Brown, Inc. Forging machine. 2,313,722; Mar. 10.
- Brown, Lorenzo D., Concord, N. H. Scoring device. 2,323,371; July 6.
- Brown Manufacturing Company. (See Brown, Raymond M., assignor.)
- Brown, Mark L., Vanceburg, Ky., assignor to L. V. Marks & Sons, Company, Cincinnati, Ohio. Welt type shoe. 2,329,321; May 25.
- Brown, E. Mary. (See Poutain, M. D., assignor.)
- Brown Oil Tools, Inc. (See Baylor, Albert S., assignor.)
- Brown, Ora A., Montebello, assignor to Bashi-Ross Tool Company, Los Angeles, Calif. Well tool construction. 2,334,369; Nov. 16.
- Brown, Owen J., Jr., Boston, and W. R. Smith, Cambridge, assignors to Godfrey L. Cabot, Inc., Boston, Mass. Carbon black product and process of making the same. 2,317,026; Apr. 20.
- Brown, Perry W., Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Carving fixture. 2,335,995; Dec. 7.
- Brown, Philip A., Tarrytown, assignor to Servel, Inc., New York, N. Y. Education device. 2,329,453; Sept. 14.
- Brown, Ray W., and R. Iredell, assignors to The General Tire & Rubber Company, Akron, Ohio. Earphone support and silencer cup. 2,334,669; Dec. 14.
- Brown, Raymond F., Indianapolis, Ind., assignor to Fairbanks, Morse & Co., Chicago, Ill. Electrical contactor device. 2,333,982; Nov. 9.
- Brown, Raymond M., assignor to Brown Manufacturing Company, Inc., Newport News, Va. Bottle opener. 2,333,088; Nov. 2.
- Brown, Robert H., New Kensington, and R. B. Mears, Oakmont, assignors to Aluminum Company of America, Pittsburgh, Pa. Composition for cleaning aluminum. 2,316,219; Apr. 13.
- Brown, Robert H., New Kensington, and R. B. Mears, Oakmont, assignors to Aluminum Company of America, Pittsburgh, Pa. Composition for cleaning aluminum. 2,316,220; Apr. 13.
- Brown, Robert L., assignor to W. R. Wiley, Detroit, Mich. Clip. 2,330,675; Sept. 28.
- Brown, Robert R., Chicago, Ill. Hot rolling deep drawing steel sheets. 2,321,183; June 8.
- Brown, Robert S., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,322,823; June 29.
- Brown-Rogers-Dixon Co. (See Flynt, Robert C., assignor.)
- Brown, Roy E., Sterling, Ill. Loader. 2,327,494; Aug. 24.
- Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Pivotal joint. 2,324,984; July 20.
- Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient coupling. 2,324,997; July 20.

- Brown, Rudolph K., Jersey City, N. J. Safety device for clotheslines. 2,336,220; Dec. 7.
- Brown, Severee A., and A. P. Ruth, Houston, Tex. Pump. 2,308,742; Jan. 19.
- Brown and Sharpe Manufacturing Company. (See Hirsch, George B., assignor.)
- Brown and Sharpe Manufacturing Company. (See Lalline, Lester J., assignor.)
- Brown and Sharpe Manufacturing Company. (See Levesque, George N., assignor.)
- Brown and Sharp Manufacturing Company. (See Mathewson, Maxwell I., assignor.)
- Brown and Sharpe Manufacturing Company. (See Mandeville, A. E., and Lalline, assignors.)
- Brown, Simon P., New York, N. Y. Display device. 2,307,758; Jan. 12.
- Brown Steel Tank Company. (See Brown, Walter V., assignor.)
- Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Automatic depth controlling mechanism. 2,318,194; May 4.
- Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Power lift. 2,334,862; Nov. 23.
- Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Power lift. 2,337,637; Dec. 28.
- Brown, Theophilus, assignor to Deere & Company, Moline, Ill. Power lift. 2,337,638; Dec. 28.
- Brown, Theophilus, and F. T. Court, assignors to Deere & Company, Moline, Ill. Hydraulic control mechanism. 2,311,516; Feb. 16.
- Brown, Theophilus, and F. T. Court, assignors to Deere & Company, Moline, Ill. Power lift. 2,336,062; Dec. 7.
- Brown, Thomas E., New York, N. Y. Gate. 2,309,381; Jan. 26.
- Brown, Verlin T. (See Slaughter, Samuel, assignor.)
- Brown, W. R., Corporation. (See Brown, W. R., and Collings, assignors.)
- Brown, Wallace M. (See Holmstrom, J. G., and Brown.)
- Brown, Walter, Hermosa Beach, Calif. Coating tubing. 2,319,657; May 18.
- Brown, Walter V., assignor to Brown Steel Tank Company, Minneapolis, Minn. Cover structure. 2,324,356; July 13.
- Brown, Wilbur F., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Mirror. 2,321,987; June 15.
- Brown, William B. (See Harris, J. M., Jr., Wroby, and Brown.)
- Brown, William D., Pittsburgh, Pa. Determining manganese in the presence of iron. 2,319,580; May 18.
- Brown, William E. (See Bluemle, A. A., and Brown.)
- Brown, William J., et al. (See Berkner, Arthur K., assignor.)
- Brown, William J., Hackensack, N. J., assignor to Western Electric Company, Incorporated. Electron discharge device circuits. 2,315,312; Mar. 30.
- Brown, William L., Lansdowne, Pa. Gas meter. 2,313,515; Mar. 8.
- Brown, William R., Chicago, and N. J. Collings, Elmhurst, assignors to W. R. Brown Corporation, Chicago, Ill. Compressor. 2,328,420; Aug. 31.
- Browne, Harold B. (See Hughes, A. E., Browne, and Roderick.)
- Browne, Kenneth A., Fairlawn, N. J., assignor to Wright Aeronautical Corporation. Pneumatic drive fuel pump. 2,307,566; Jan. 5.
- Browne, Kenneth A., Fairlawn, and F. P. Sollinger, Paterson, N. J., assignors to Wright Aeronautical Corporation. Oil seal. 2,326,824; Aug. 17.
- Browne, Lindsay H., Pittsford, N. Y., assignor to The American Brake Shoe & Foundry Company. Bottle capping mechanism. 2,326,284; Aug. 10.
- Browne, Marion B., assignor to Valley Shoe Corporation, St. Louis, Mo. Shoe. 2,312,872; Mar. 2.
- Browne-Morse Company. (See Luders, Gustave W., Jr., assignor.)
- Browne, Vere B., Brackenridge, Pa., assignor to Allegheny Ludlum Steel Corporation. Columbium-bearing austenitic steel and articles produced therefrom. 2,320,260; May 25.
- Browne, Wesley P., and A. L. Sheldon, Winter Garden, Fla. Field box. 2,310,063; Feb. 2.
- Browning, Glenn H., Winchester, and E. H. Povey, assignors to Doble Engineering Company, Medford, Mass. Apparatus for determining the insulating values of dielectrics. 2,329,068; Sept. 7.
- Browning, Harry N., Emmett, Idaho. Tape reel. 2,335,105; Nov. 23.
- Browning, Raymond E., Verdun, assignor to F. A. Peacock, Montreal, Quebec, Canada. Crusher. 2,326,750; Aug. 17.
- Brownlee, Dalmat T., Indianapolis, Ind. Cutting-off tool. 2,329,872; Sept. 21.
- Brownlee, Henry H., New York, N. Y. Control of power actuated machinery. 2,313,917; Mar. 16.
- Brownlee, Henry H., New York, N. Y. Controlling mechanism for ironing machines. 2,313,918; Mar. 16.
- Brownlee, Roy H., et al. (See Bradley, James A., assignor.)
- Brownlee, Stuart D., and J. G. Macdonald, Toronto, Ontario, Canada. Article of furniture. 2,319,581; May 18.
- Brownscombe, Philip J. (See Kosken, W. A., and Brownscombe.)
- Brownstein, Arthur, Bridgeport, Conn. Connector plug. 2,312,794; Mar. 2.
- Brownstein, Arthur, Bridgeport, Conn. Connector plug. 2,312,795; Mar. 2.
- Brozan, I. Newton, et al. (See Wolfers, Philip, assignor.)
- Brubaker, Jasper L., Oak Park, and F. J. Lengvenis, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Testing apparatus. 2,313,516; Mar. 9.
- Brubaker, Merlin M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating process and product. 2,330,333; Sept. 28.
- Brubaker, Wilson M., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Amplifier. 2,313,122; Mar. 9.
- Bruce, Donald S., and R. T. Halstead, Somerville, and E. B. Douglas, Warren Township, Somerset County, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Making friction materials. 2,309,571; Jan. 16.
- Bruce, Elmer A., Silver City, and J. A. Boone, Bayard, N. Mex. Automatic gate. 2,308,642; Jan. 19.
- Bruce, Ernest G. (See Magill, H. S., and Bruce.)
- Bruce, Harry E., York, Pa. Chrome yellow. 2,313,619; Mar. 9.
- Bruce, Lawrence Richard, Inc. (See Friedman, G., and Goldfarb, assignors.)
- Bruce, Malcolm, Plymouth, Mass. Radio antenna system. 2,313,046; Mar. 9.
- Bruce, S. S., et al., trustee. (See Morgan, Thomas H., assignor.)
- Bruce, Wesley G., Dallas, Tex., dedicated to the free use of the People in the Territory of the United States. Duster for insecticides. 2,316,932; Apr. 20.
- Bruce, William A., Tulsa, Okla., assignor to Standard Oil Development Company. Magnetic permeability indicator. 2,318,666; May 11.
- Bruce, William A., Tulsa, Okla., assignor to Standard Oil Development Company. Testing weld joints. 2,318,667; May 11.
- Bruck, Michael, Brooklyn, N. Y. Coin-controlled lock for dial telephones. 2,309,572; Jan. 26.
- Brudal, Holger, Brand, Baerum, near Oslo, Norway; vested in the Alien Property Custodian. Apparatus for the producing of aqueous suspensions of clay. 2,313,010; Mar. 2.
- Brucek, Theodore M., assignor to Ilex Optical Company, Rochester, N. Y. Photographic shutter operating mechanism. 2,327,591; Aug. 24.
- Bruch, Mary, Mount Clemens, Mich. Calf feeder. 2,329,245; Sept. 14.
- Bruengger, Heinrich. (See Graenacher, C., Rossi and Bruengger.)
- Bruetle, Armin O. (See Carthidge, J. R., and Bruetle.)
- Bruetle, Carl O., assignor to Synchro Machine Company, Rahway, N. J. Bull block stringup mechanism. 2,334,601; Nov. 16.
- Brucker, Hobart W., Bordentown, and F. W. Overton, Trenton, N. J. Cutoff driving mechanism. 2,316,221; Apr. 13.
- Brukner, Clayton J. (See Arcier, A. F., and Brukner.)
- Brull, Eugene C., Oak Park, Ill. Shaver. 2,308,049; Jan. 12.
- Brulotte, Joseph E., Yakima, Wash. Pipe former and layer. 2,324,760; July 20.
- Brum, Joseph E. (See Foster, James, assignor.)
- Brumagin, Ivan S., North Warren, Pa. Flexible coupling. 2,326,201; Aug. 10.
- Brumbaugh, Isaac V., L. S. Kauffman, and H. C. Reinhart, assignors to American Stove Company, St. Louis, Mo. Automatic fuel control. 2,334,603; Nov. 16.
- Brumbaugh, John M. (See Schrader, H. J., Robins, and Brumbaugh.)
- Brunner, Olin, Oak Park, Ill. Furnace fan. 2,337,227; Dec. 21.
- Brunner, Olin, Oak Park, assignor to Crane Packing Company, Chicago, Ill. Liquid seal for rotary shafts. 2,337,639; Dec. 28.
- Brunberg, Nita C., et al. (See Brunberg, Paul E., assignor.)
- Brunberg, Paul E., assignor of one-half to Nita Carol Brunberg and one-half to Robert A. Choate, Detroit, Mich. Welding machine. 2,329,977; Sept. 21.
- Brundage, Glen. (See Parkton, George W., assignor.)
- Brundage, James W., assignor to The Summit Mold & Machine Company, Akron, Ohio. Press. 2,324,818; July 20.
- Bruneau, Jacques F., Hagerstown, Md. Game. 2,319,917; May 25.
- Brund, Richard, Somerville, N. J. Air conditioning. 2,324,193; July 13.
- Bruner, Frank H., and W. E. Skelton, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Alkylation of hydrocarbons. 2,320,336; June 1.
- Brunhoff, Henry E., Wyoming, assignor to The Brunhoff Manufacturing Company, Cincinnati, Ohio. Bottle carrier. 2,316,738; Apr. 13.
- Brunhoff Manufacturing Company, The. (See Brunhoff, Henry E., assignor.)
- Bruni, Rudolph H., Richmond, Va. Dentist's apron holder. 2,313,357; Nov. 2.

- Bruning, Charles, Company. (See Cotera, Augustus S., assignor.)
- Bruning, Charles, Company. (See Macdonald, Herbert G., assignor.)
- Bruning, Charles, Company. (See Macdonald, H. G., and Hruby, assignors.)
- Bruning, Charles, Co. (See Strelch, Paul B., assignor.)
- Bruning, William, Port Richmond, N. Y., and L. D. Stimson, Rochelle Park, N. J., assignor to Atlas Steel Barrel Corporation, Bayonne, N. J. Clamping ring assembly. 2,319,762; May 18.
- Brunk, Earl. (See Allen, Charles L., assignor.)
- Brunk, Harold J., Chicago, Ill., assignor to The C. F. Pease Company. Means for drying prints. 2,328,781; Sept. 7.
- Brunk, Harold J., Chicago, Ill., assignor to The C. F. Pease Company. High-speed blue printing machine. 2,332,206; Oct. 19.
- Brunks, Fritz, Berlin-Reinickendorf, Germany, assignor to General Electric Company. Contact plate for dry plate elements. 2,316,553; Apr. 13.
- Brunner, David J., Jr., Shaker Heights, Ohio. Suction cleaner. 2,321,648; June 16.
- Brunner, Elmer F., Silver Lake, assignor to Wingfoot Corporation, Akron, Ohio. Valve. 2,332,621; Oct. 26.
- Brunner, Otto, Jackson Heights, assignor to Henry Leonard & Thomas, Inc., Ozone Park, N. Y. Display stand for tobacco pipes. 2,313,020; Mar. 9.
- Brunner, Otto, Jackson Heights, assignor to Henry Leonard & Thomas, Inc., Ozone Park, N. Y. Display card, particularly for pipe stems. 2,314,705; Mar. 23.
- Brunner, Walter. (See Zerweck, W., and Brunner.)
- Bruno Patents, Inc. (See Bruno, William A., assignor.)
- Bruno, William A., Astoria, assignor to Bruno Patents, Inc., Long Island City, N. Y. Indicating relay assembly. 2,314,122; Mar. 16.
- Bruno, William A., Astoria, Long Island, assignor to the firm Bruno Patents, Inc., Long Island City, N. Y. Means for effecting detachable coupling of tubular elements. 2,317,729; Apr. 27.
- Bruno, William A., Astoria, Long Island, assignor to Bruno Patents, Inc., Long Island City, N. Y. Remote control. 2,322,563; June 22.
- Bruno, William A., Astoria, Long Island, assignor to Bruno Patents, Inc., Long Island City, N. Y. Coupling means for coaxial cable sections. 2,330,864; Oct. 5.
- Bruno, William A., Astoria, Long Island, assignor to Bruno Patents, Inc., Long Island City, N. Y. Coupling means for tubular electrical conductor sections. 2,335,040; Nov. 23.
- Bruno, William A., Astoria, Long Island, assignor to the firm Bruno Patents, Inc., Long Island City, N. Y. Right-angle electric connector. 2,335,041; Nov. 23.
- Bruns, Anthony C., Cincinnati, assignor to The Palmer Company, Norwood, Ohio. Thermometer case. 2,312,873; Mar. 2.
- Brunson, Amber N., Kansas City, Mo. Engineer's level. 2,329,978; Sept. 21.
- Brunson, Francis A., Sumter, S. C. Antislake device. 2,324,469; July 26.
- Brunstrum, Lawrence C. (See Weltkamp, A. W., and Brunstrum.)
- Brunswick-Balke-Collender Company, The. (See Cloutier, Ellery J., assignor.)
- Brunswick-Balke-Collender Company, The. (See Deblick, Alfred F., assignor.)
- Brunswick-Balke-Collender Company, The. (See Henkel, A. L., and Ewing, assignors.)
- Brunswick-Balke-Collender Company, The. (See Matteson, J. O., and Guyton, assignors.)
- Brunst, Bernard V. (See Lincoln, Wesley B., assignor.)
- Brus, Emile P., Kansas City, Mo. Electrical plug. 2,337,735; Dec. 28.
- Brush Beryllium Company. (See Sawyer, C. B., and Kjellgren, assignors.)
- Brush Development Company, The. (See Gravley, C. K., and Neff, assignors.)
- Brush Development Company, The. (See Ream, John H., assignor.)
- Brush, William A., Detroit, Mich. Cylinder lock. 2,307,106; Jan. 5.
- Brushaber, Herman J., and O. Prah, Milwaukee, Wis. Conduit fitting. 2,308,641; Jan. 19.
- Brusilowsky, Jacob, New York, N. Y. Sliding iron rest. 2,333,516; Nov. 2.
- Brunson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Esters of hydroxypolyaryl methanes and preparing same. 2,309,335; Jan. 26.
- Brunson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Tri-(cyanoethyl)-acetone. 2,311,183; Feb. 16.
- Brunson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Capillary-active composition. 2,313,621; Mar. 9.
- Brunson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. 9,9-di-(γ -aminopropyl)-fluorene. 2,320,029; May 25.
- Brunson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Ketonic polycarboxylic acids. 2,320,217; May 25.
- Brunson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Synthetic resin from polyacetates of polyhydric alcohols and formaldehyde. 2,326,006; Aug. 3.
- Brunson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Cyanoethyl ether of tertiary amino alcohols. 2,326,721; Aug. 10.
- Brunson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Cyclic-ketonic tetracarboxylic acid. 2,329,432; Sept. 14.
- Brunson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Tri-(β -carboxyethyl)-acetone. 2,329,433; Sept. 14.
- Brunson, Herman A., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Esters of methylol phenols. 2,331,169; Oct. 5.
- Brunson, Herman A., and J. L. Ratner, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Adhesive compositions comprising bisthioammine polyalkylene ether resins. 2,325,105; July 27.
- Brusse, Lester W., Houston, Tex. Wall joint construction. 2,318,053; May 4.
- Brussell, Jacob, New York, N. Y. Button holder. 2,318,369; May 4.
- Brussell, Jacob, New York, N. Y. Shank button holder. 2,331,170; Oct. 5.
- Brusset, Jean A., Blairmore, Alberta, Canada. Dry flotation, and media and apparatus therefor. 2,310,894; Feb. 9.
- Brustowsky, Morris, Brooklyn, N. Y., assignor to U. S. Slicing Machine Company, La Porte, Ind. Bread slicing machine. 2,315,767; Apr. 6.
- Brustowsky, Morris, Brooklyn, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,333,636; Nov. 9.
- Bruton, William C., Oakland, Calif., assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Conveyor mechanism. 2,316,313; Apr. 13.
- Bruun, Johannes H., Swarthmore, and G. E. Goheen, Prospect Park, assignors to Sun Oil Company, Philadelphia, Pa. Improving lubricating oil. 2,324,357; July 13.
- Bry, Edwin, Elberon, N. J., assignor to Edwin & Louis Bry, Inc., New York, N. Y. Producing novelty yarn. 2,309,095; Jan. 28.
- Bry, Edwin & Louis, Inc. (See Bry, Edwin, assignor.)
- Bryan, Harold W. (See Nicholson, F. H., and Bryan.)
- Bryan, Herbert W., assignor to Gillette Safety Razor Company, Boston, Mass. Blade magazine. 2,326,202; Aug. 6.
- Bryan, Hubert L., Dallas, Tex., and M. J. Binks, River Forest, Ill. Remote selector and control system. 2,319,788; May 25.
- Bryan, Ralph D., Topeka, Kans. Double deck stock car. 2,316,554; Apr. 13.
- Bryant, Austin U. (See Grove, M. H., and Bryant.)
- Bryant Chucking Grinder Company. (See Arms, Mer-ton H., assignor.)
- Bryant Chucking Grinder Company. (See Cornell, E. S., and Williams, assignors.)
- Bryant Chucking Grinder Company. (See Mattson, Emil, assignor.)
- Bryant, Corwin W., Downers Grove, assignor to Crane Co., Chicago, Ill. Automatic declutching means. 2,327,980; Aug. 31.
- Bryant, Cuno, Multnomah County, Oreg. Apparatus for the handling and developing of motion picture films. 2,313,319; Mar. 9.
- Bryant Electric Company, The. (See Cunningham, Roy H., assignor.)
- Bryant Electric Company, The. (See Forstrom, Edward E., assignor.)
- Bryant Electric Company, The. (See Hodgkins, Charles H., assignor.)
- Bryant, Eugene E. (See Bahnsen, M. J., and Bryant.)
- Bryant, Eugene F. (See McIntyre, G. H., and Bryant.)
- Bryant, Frank D., Stratford, Conn., assignor to General Electric Company. Operating mechanism for discharge lamps. 2,334,538; Nov. 16.
- Bryant, Frank D., Syracuse, N. Y., assignor to General Electric Company. Operating mechanism for discharge lamps. 2,335,686; Nov. 30.
- Bryant, Frederick W., Montclair, N. J. Sports shirt. 2,314,072; Mar. 16.
- Bryant, George F. (See Yeomans, Lucien I., assignor.)
- Bryant, Harvey L. (See Nordquist, R. E. J., and Bryant.)
- Bryant Heater Company, The. (See Beam, Vilynn O., assignor.)
- Bryant Heater Company, The. (See Higley, Frank R., assignor.)
- Bryant Heater Company, The. (See Higley, F. R., and Beam, assignors.)
- Bryant Heater Company, The. (See Ryden, E. H., and Higley, assignors.)
- Bryant, Newton W., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Two-way signal transmission system. 2,328,951; Sept. 7.
- Bryant, Ozo N., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Hydraulic resistance apparatus. 2,323,115; June 29.

- Bryant, Thomas H., Sr., assignor to Frankfort Distilleries, Incorporated, Louisville, Ky. Bottle holder. 2,325,224; July 27.
- Bryce, Allan E., Providence, R. I. Fastener. 2,323,197; June 29.
- Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Printing device. 2,307,108; Jan. 5.
- Bryce, James W., Glen Ridge, N. J., assignor to The International Business Machines Corporation, New York, N. Y. Record controlled interpreting machine. 2,307,109; Jan. 5.
- Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Combined multiplying and dividing machine with result checking device therefor. 2,315,686; Apr. 6.
- Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Cathode tube recorder for calculating machines. 2,320,337; June 1.
- Bryce, James W., Glen Ridge, N. J., assignor to International Business Machine Corporation, New York, N. Y. Verifying machine. 2,320,338; June 1.
- Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Film data selecting and viewing machine. 2,323,372; July 6.
- Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Apparatus for recording statistical records. 2,333,463; Nov. 2.
- Bryce, James W., Glen Ridge, N. J., and A. H. Dickinson, Bronxville, assignors to International Business Machines Corporation, New York, N. Y. Multiplying and dividing machine. 2,328,610; Sept. 7.
- Bryce, James W., Glen Ridge, N. J., and A. H. Dickinson, Scarsdale, assignors to International Business Machines Corporation, New York, N. Y. Dividing machine. 2,328,611; Sept. 7.
- Brynolfsson, Bergur L., Chicago, Ill. Can opener. 2,310,210; Feb. 9.
- Bryon, Benn, Adolmer, Sauergeties, N. Y. Wheel traction device. 2,315,838; Apr. 6.
- Bryson, Tandy A., Troy, assignor to American Machine and Metals, Inc., New York, N. Y. Centrifugal extractor. 2,307,107; Jan. 5.
- Buc, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company, Producing tertiary alkyl phenols. 2,322,555; Oct. 26.
- Buc, Hyym E., and C. W. Muessig, Roselle, N. J., assignors to Standard Oil Development Company. Manufacture of chlorohydrins. 2,307,875; Jan. 12.
- Buc, Hyym E., and C. W. Muessig, Roselle, N. J., assignors to Standard Oil Development Company. Preparation of chlor-iso-olefins. 2,322,778; Oct. 26.
- Buch, Philip O., Rockaway, N. J., assignor to Stapling Machines Co. Box and packaging. 2,314,194; Mar. 16.
- Buch, Rudolf, and F. Haemmerling, Berlin-Charlottenburg, Germany, assignors to General Electric Company. Directionally responsive alternating current tachometer. 2,310,511; Feb. 9.
- Buchan, Rudolph C., Houston, Tex., assignor to Standard Oil Development Company. Placing explosives in shooting wells. 2,330,110; Sept. 21.
- Buchanan, Andrew E., Jr., Fairfield, Conn., assignor to Remington Arms Company, Inc., Firearm. 2,331,372; Oct. 12.
- Buchanan, J. D., Los Angeles, Calif. Firearm action. 2,324,674; July 20.
- Buchanan, James A., United States Navy. Angular classifying accelerometer. 2,310,213; Feb. 9.
- Buchanan, James A., U. S. Navy. Accelerometer. 2,311,637; Feb. 23.
- Buchanan, Stephen N., Washington, D. C., assignor to Aircraft-Marine Products, Inc., Elizabeth, N. J. Electrical connector. 2,310,212; Feb. 9.
- Buchet, Conrad R., assignor to D. M. Dowding, Los Angeles, Calif. Nonglare lighting equipment. 2,311,927; Feb. 23.
- Buehholz, Arnold R., and O. E. Hoffman, assignors to Brandt Automatic Cashier Company, Watertown, Wis. Can delivery chute. 2,311,732; Feb. 23.
- Buehholz, Herbert, Berlin, Germany, assignor to General Electric Company. Cavity resonator. 2,315,313; Mar. 30.
- Buehholz, Herbert, Berlin, Germany, assignor to General Electric Company. Transmission system for ultra-short waves. 2,317,439; Apr. 27.
- Büchi, Alfred, Winterthur, Switzerland. Guide apparatus for centrifugal blowers and pumps. 2,311,024; Feb. 16.
- Büchi, Alfred, Winterthur, Switzerland. Turbine driven blower. 2,322,524; June 29.
- Büchi, Alfred, Winterthur, Switzerland. Control device for scavenged, ignition-type engines. 2,325,032; July 27.
- Buchman, Edwin R., Pasadena, Calif., assignor to Research Corporation, New York, N. Y. Producing gamma halogen gamma aceto propyl alcohol. 2,314,571; Mar. 23.
- Buchsbaum, Herbert, and L. Becker, assignors to S. Buchsbaum & Company, Chicago, Ill. Making filaments. 2,328,125; Aug. 31.
- Buchsbaum, S., & Company. (See Buchsbaum, H., and Becker, assignors.)
- Buchtel, Clyde E., assignor to Monco Inc., Akron, Ohio. Decor airplane. 2,334,539; Nov. 16.
- Buck, Arthur W., assignor to Buck X-Ograph Company, St. Louis, Mo. Film drier cabinet. 2,312,986; Mar. 2.
- Buck, Ashley W., Plattsburg, and F. S. Finch, Hudson Falls, N. Y., assignors to Imperial Paper & Color Corporation. Apparatus for coating paper. 2,329,034; Sept. 7.
- Buck, Foster. (See Walker, E. C., and Buck.)
- Buck, Foster, Lisle, Ill. Electrically operated toothbrush. 2,319,205; May 18.
- Buck, Foster, Lisle, Ill., assignor to International Harvester Company. Injection nozzle. 2,337,731; Dec. 28.
- Buck, Johannes S., Bronxville, and E. J. de Beer, Yonkers, assignors to Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Urea and thiourea derivative. 2,335,464; Dec. 14.
- Buck, Johannes S., Bronxville, L. Reiner, Mount Vernon, and M. B. Sherwood, Yonkers, assignors to Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Quaternary ammonium compounds. 2,336,465; Dec. 14.
- Buck, Richard S., Glastonbury, assignor to United Aircraft Corporation, East Hartford, Conn. Coordinate control. 2,336,844; Dec. 14.
- Buck X-Ograph Company. (See Buck, Arthur W., assignor.)
- Buckbee, John C., Los Angeles, Calif. Sand dewatering wheel. 2,322,415; June 22.
- Buckendale, Lawrence R. (See Alden, H. W., Buckendale, and Super.)
- Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Axle construction. 2,309,162; Jan. 26.
- Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Multispeed drive axle. 2,326,751; Aug. 17.
- Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Multispeed drive axle. 2,326,752; Aug. 17.
- Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Multispeed drive axle. 2,326,753; Aug. 17.
- Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Multispeed drive axle. 2,326,754; Aug. 17.
- Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Multispeed drive axle. 2,326,755; Aug. 17.
- Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Brake mechanism. 2,331,652; Oct. 12.
- Buckeye Forging Company, The. (See Meek, John B., assignor.)
- Buckeye Laboratories Corporation. (See Dunmire, Russell P., assignor.)
- Buckeye Laboratories, Inc., The. (See Dunmire, R. P., and Camelford, assignors.)
- Buckeye Steel Castings Company, The. (See Bower, Jerome G., assignor.)
- Buckeye Tools Corporation. (See McCombs, Melvorne J., assignor.)
- Buckeye Traction Ditcher Company, The. (See Hollmann, H., Van Voorhis, George, and Gerdeman, assignors.)
- Buckeye Traction Ditcher Company, The. (See Hollmann, H., and Van Voorhis, assignors.)
- Buckeye Traction Ditcher Company, The. (See Magee, Robert B., assignor.)
- Buckeye Traction Ditcher Company, The. (See Van Voorhis, William G., assignor.)
- Buckingham, William D., Southampton, N. Y. Coating pipe. 2,331,824; Oct. 12.
- Buckingham, William D., Southampton, assignor to The Western Union Telegraph Company, New York, N. Y. Cable balancing method and apparatus. 2,321,649; June 15.
- Buckingham, William D., Southampton, assignor to The Western Union Telegraph Company, New York, N. Y. Light valve. 2,333,517; Nov. 2.
- Buckingham, William D., Southampton, and D. H. Nelson, St. James, assignors to The Western Union Telegraph Company, New York, N. Y. Light valve. 2,330,334; Sept. 28.
- Buckland, Earl M., and G. J. Juttner, Chicago, and J. M. Marchock, Elmwood Park, assignors to Rockwell-Barnes Company, Chicago, Ill. Easel-type book and method. 2,315,396; Mar. 30.
- Bucklein, Frank P., Los Angeles, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Corrugating die. 2,332,435; Oct. 19.
- Bucklen, Herbert E., Jr. (See Trautman, Charles W., assignor.)
- Buckley, Arthur H., Chicago, Ill. Switch. 2,332,434; Oct. 19.
- Buckley, James M., and T. F. Clarey, assignors to Club Aluminum Products Company, Chicago, Ill. Game apparatus. 2,322,564; June 22.
- Buckley, Stuart E., Houston, Tex., assignor to Standard Oil Development Company. Viscosimeter. 2,320,218; May 25.

- Buckley, Stuart E., Houston, Tex., assignor to Standard Oil Development Company. Separating liquid from gas. 2,330,676; Sept. 28.
- Buckley, Stuart E., Houston, Tex., assignor to Standard Oil Development Company. Recovering liquids from gases. 2,332,201; Oct. 19.
- Buckley, Stuart E., and C. R. Hecott, Houston, Tex., assignors to Standard Oil Development Company. Viscosimeter. 2,320,219; May 25.
- Bucsey, Walter D. (See Cole, W. G., and Buckley.)
- Buckley, William W., Moss Point, Miss. Foam eliminator. 2,335,641; Nov. 30.
- Buckman, Herbert S., Seattle, Wash. Nut cracking machine. 2,321,795; June 15.
- Buckman, Jacob, New York, N. Y. Cloth roll holder. 2,333,358; Nov. 2.
- Buckman, George, et al. (See Ross, Charles, assignor.)
- Buckman, James H. (See Chelberg, R., Buckman, and Keller.)
- Buckman, James H. (See Keller, A. M., Buckman, and Miller.)
- Buckman, James H., Cranford, N. J., assignor to The Linde Air Products Company. Blowpipe apparatus. 2,325,106; July 27.
- Buckman, James H., Cranford, E. Meincke, Roselle Park, N. J., and T. W. Eselgroth, Gary, Ind., assignors to The Linde Air Products Company. Method and apparatus for conditioning metal bodies. 2,309,690; Jan. 26.
- Buckman, James H. and A. J. Miller, Cranford, N. J., assignors to The Linde Air Products Company. Process of and apparatus for conditioning metal bodies. 2,323,974; July 13.
- Buckman, Worthing C., Mechanic Falls, Maine, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Valve. 2,308,613; Jan. 19.
- Buckman, Worthing C., Mechanic Falls, Maine, assignor to Union Carbide and Carbon Corporation. Altitude controlled regulator. 2,326,825; Aug. 17.
- Bucknell, Anita R. (See Bucknell, William H., assignor.)
- Bucknell, Anita R. (See Bucknell, W. H. and A. R.)
- Bucknell, Ernest H., and R. E. Bletcher, assignors, by mesne assignments, to Modern Filter Co., Los Angeles, Calif. Pressure control fitting. 2,314,071; Mar. 16.
- Bucknell, William H., assignor of one-half to A. R. Bucknell, Norwalk, Conn. Concealment device. 2,327,168; Aug. 17.
- Bucknell, William H., assignor of one-half to A. R. Bucknell, Norwalk, Conn. Concealment device. 2,327,169; Aug. 17.
- Bucksbaum, S., and Company. (See Becker, Leonard, assignor.)
- Buckwalter, Jacob S., Philadelphia, Pa. Spark timing indicator. 2,322,278; June 25.
- Buckwalter, John C. (See Burton, E. F., and Buckwalter.)
- Buckwalter, Tracy V., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Truck. 2,316,046; Apr. 6.
- Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Truck. 2,326,993; Aug. 17.
- Bucy, Edmund H. (See Ariotti, G., and Bucy.)
- Bucy, Roy T. (See Neracher, C. A., Dunn, Syrovy, Lavelli, Bucy, and Schatz.)
- Bucy, Roy T. (See Neracher, C. A., Patterson, Lavelli, Bucy, Syrovy, and Baker.)
- Bucy, Roy T. (See Neracher, C. A., Syrovy, Dunn, Lavelli, and Bucy.)
- Bucyrus-Erie Company. (See Blanchett, Luther E., assignor.)
- Bucyrus-Erie Company. (See Davidson, Trevor O., assignor.)
- Bucyrus-Erie Company. (See Mork, G. W., and Baranowski, assignors.)
- Bucyrus-Erie Company. (See Paulsen, Thomas R., assignor.)
- Buda Company, The. (See Brown, H. S., and Thompson, assignors.)
- Budd, Edward G., Manufacturing Company. (See Dean, Albert G., assignor.)
- Budd, Edward G., Manufacturing Company. (See Deisley, Edward J., assignor.)
- Budd, Edward G., Manufacturing Company. (See Eksbergian, Rupen, assignor.)
- Budd, Edward G., Manufacturing Company. (See Eksbergian, R., Horton, Morton, and Skivins, assignors.)
- Budd, Edward G., Manufacturing Co. (See Hardman, G. W., and Watter, assignors.)
- Budd, Edward G., Manufacturing Company. (See Horton, Reuben H., assignor.)
- Budd, Edward G., Manufacturing Company. (See Horton, R. H., and Patton, assignors.)
- Budd, Edward G., Manufacturing Company. (See Laharce, Benjamin, assignor.)
- Budd, Edward G., Manufacturing Company. (See Ledwinka, Joseph, assignor.)
- Budd, Edward G., Manufacturing Company. (See Phair, Robert S., assignor.)
- Budd, Edward G., Manufacturing Company. (See Pond, Clarke P., assignor.)
- Budd, Edward G., Manufacturing Company. (See Smith, John F. D., assignor.)
- Budd, Edward G., Manufacturing Company. (See Theriault, Raymond J., assignor.)
- Budd, Edward G., Manufacturing Company. (See Trautvetter, George, assignor.)
- Budd, Edward G., Manufacturing Company. (See Ulrich, Theodore, assignor.)
- Budd, Edward G., Manufacturing Company. (See Watter, Michael, assignor.)
- Budd, Edward G., Manufacturing Company. (See Voightman, William A., assignor.)
- Budd, Edward G., Manufacturing Co. (See Winlock, J., and MacKinney, assignors.)
- Budd, George H., Los Angeles, Calif. Treatment tent. 2,333,915; Nov. 9.
- Budd Induction Heating, Inc. (See Somes, Howard E., assignor.)
- Budd Wheel Company. (See Eksbergian, Carolus L., assignor.)
- Budd Wheel Company. (See Hawthorne, Eugene P., assignor.)
- Budd Wheel Company. (See Strickland, Harold A., Jr., assignor.)
- Budd Wheel Company. (See Tarbox, John P., assignor.)
- Buddeberg, Walter, Ravensburg, Germany, assignor to Albert T. Otto & Sons, Inc., New York, N. Y. Control mechanism for centrifugal machines. 2,331,959; Oct. 19.
- Budenhorn, Horace T., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulator. 2,327,866; Aug. 21.
- Budlong, Simeon. (See Miller, E. R., Littell, and Budlong.)
- Budwig, Anton F., Racine, Wis. Removing wax from floors. 2,327,495; Aug. 21.
- Budner, Joseph, assignor of one-half to E. Rudolf, Newark, N. J. Trolley retriever mechanism. 2,324,761; July 20.
- Budwig, Gilbert G., assignor to Budwig Manufacturing Company, Inc., Burbank, Calif. Garden cart. 2,328,045; Jan. 12.
- Budwig Manufacturing Company. (See Budwig, Gilbert G., assignor.)
- Buechek, John, Kokomo, assignor of one-half to Uz McMurtre, Indianapolis, Ind. Baking dough rolling machine. 2,337,539; Dec. 28.
- Buehler, Allan M., Preston, Ontario, Canada. Garden implement. 2,325,939; Aug. 3.
- Buehler, Leon, Jr. (See De Markus, L., and Buehler.)
- Buehler, Leon, Jr. (See Shenton, F., and Buehler.)
- Buehler, Robert O., assignor to Victor Adding Machine Company, Chicago, Ill. Adding machine base. 2,311,928; Feb. 23.
- Buell, Albert E. (See Schulze, W. E., and Buell.)
- Buell, Hubert W., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and making same. 2,337,445; Dec. 21.
- Buena Vista Iron Company. (See Worthen, Eugene P., assignor.)
- Buenger, Edward F., Oak Park, and W. Nelson, assignors to Wilson Jones Company, Chicago, Ill. Loose leaf binder. 2,320,404; June 1.
- Buensoil-Stacey Air Conditioning, Incorporated. (See Stacey, Alfred E., Jr., assignor.)
- Buerkle, Paul W. (See Ives, H., and Buerkle.)
- Buff Service & Supply Co. (See Harrison, Eugene I., assignor.)
- Buffalo Electro-Chemical Company. (See Boesing, Ernest A., assignor.)
- Buffalo Electro Chemical Company. (See Hanssen, Leif, assignor.)
- Buffalo Electro-Chemical Company. (See Kauffmann, H. O., Margulies, and Ryan, assignors.)
- Buffalo Forge Company. (See Criqui, Albert A., assignor.)
- Buffalo Foundry & Machine Co. (See Kermer, Martin J., assignor.)
- Buffalo Foundry & Machine Co. (See Lavett, Charles O., assignor.)
- Buffalo Springfield Roller Co., The. (See Greiner, Carl E., assignor.)
- Bufflow, Oscar T., Chatanooga, Tenn. Body massaging machine. 2,320,261; May 25.
- Buffham, William S., Racine, Wis. Golf putting practice green. 2,334,540; Nov. 16.
- Buford, William C., Fort Wayne, Ind. Terminal connectors and positioning means therefor. 2,316,555; Apr. 13.
- Bugg, Kenly C., Fort Wayne, Ind. Registering mechanism and computing device. 2,323,373; July 6.
- Bugg, Kenly C., Fort Wayne, Ind. Computing mechanism. 2,323,374; July 6.
- Bugg, Kenly C., Fort Wayne, Ind. Tool. 2,323,375; July 6.
- Bugg, Kenly C., Fort Wayne, Ind. Fastener. 2,338,023; Dec. 28.
- Bugg, Kenly C., Fort Wayne, Ind. Hardware. 2,338,024; Dec. 28.
- Bugge, Erling P., Seattle, Wash. Vacuum-pack canning tin. 2,333,841; Nov. 9.

- Bugge, Günther, Neu-Isenburg, Germany; vested in the Allen Property Custodian. Woodlike artificial filament. 2,337,969; Dec. 28.
- Buhler, Eugen, Binghamton, N. Y., and D. W. Rubidge, Chatham, N. J., assignors to International Business Machines Corporation, New York, N. Y. Record card aligning device for statistical machines. 2,328,612; Sept. 7.
- Bühler, Gebrüder. (See Schwab, Paul, assignor.)
- Buhler, Eugen, Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,335,911; Dec. 7.
- Buhrig, William H., Mount Vernon, N. Y., and H. M. Harif, Wilmette, Ill., assignors to Standard Brands Incorporated, New York, N. Y. Molasses treatment. 2,337,641; Dec. 28.
- Buhrmaster, Frederick R. (See George, W. C., and Buhrmaster.)
- Builder-Thompson Engineering and Research Corporation. (See Thompson, Tom H., assignor.)
- Bullders Iron Foundry. (See Hartley, John R., assignor.)
- Bullders Iron Foundry. (See Lowe, Rudy P., assignor.)
- Bullders Iron Foundry. (See Miner, Irving O., assignor.)
- Bullders Iron Foundry. (See Voller, J. F., and Loud, assignors.)
- Bullders Safety Products, Inc. (See Walstrom, Emil A., assignor.)
- Building Products Limited. (See Odell, Leslie S., assignor.)
- Bukowsky, Harry E., Port Townsend, Wash. Hydraulic log-barking machine. 2,328,545; Sept. 7.
- Bulbullan, Arthur H. (See Boothby, W. M., and Bulbullan.)
- Bulbullan, Arthur H., Rochester, Minn. Aviation mask. 2,323,198; June 29.
- Bulbullan, Arthur H., Rochester, Minn. Mask for aviation or clinical purposes. 2,323,199; July 29.
- Bulbullan, Arthur H., Rochester, Minn. Mask adapted for use at high altitudes. 2,327,995; Aug. 31.
- Bulbullan, Arthur H., Rochester, Minn. Oxygen supplying inhalation mask. 2,329,154; Sept. 7.
- Bulger, Alvin Q., Belle Vernon, Pa. Curtain stretcher. 2,318,288; May 4.
- Bulgin, Douglas. (See Powell, E. F., Bulgin, and Badham.)
- Bulifant, Theodore A., Hackensack, N. J., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Rubber compounding. 2,318,745; May 11.
- Bulifant, Theodore A., Hackensack, N. J., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Compounding rubber. 2,318,746; May 11.
- Bulkeley, William F., and J. E. Gough, Houston, Tex. Barge. 2,308,743; Jan. 19.
- Bull, Alvan S., Minneapolis, Minn., assignor, by mesne assignments, to Minnesota and Ontario Paper Company. Wall construction. 2,328,051; Aug. 31.
- Bull, Arthur W., Grosse Pointe, Mich., assignor to United States Rubber Company, New York, N. Y. Pneumatic tire. 2,322,005; June 22.
- Bull, Arthur W., Grosse Pointe, assignor to United States Rubber Company, New York, N. Y. Forming dies and the like. 2,327,762; Aug. 24.
- Bull, Arthur W., Grosse Pointe, and G. G. Havens, Detroit, Mich., assignors to United States Rubber Company, New York, N. Y. Surface heating element. 2,314,766; Mar. 23.
- Bull, Arthur W., Grosse Pointe, G. G. Havens, Detroit, and J. E. Williams, Grosse Pointe, Mich., assignors to United States Rubber Company, New York, N. Y. Pneumatic tire. 2,329,332; Sept. 14.
- Bull, James P., San Diego, Calif. Vase and flower lifter. 2,312,521; Mar. 2.
- Bullard Company, The. (See Bullard, Edward P., III, assignor.)
- Bullard Company, The. (See Bullard, E. P., III, and Lange, assignors.)
- Bullard Company, The. (See Bullard, E. P., III, and Mussler, assignors.)
- Bullard, E. D., Company. (See Williamson, Evan D., assignor.)
- Bullard, Edward P., III, Fairfield, Conn., assignor to The Bullard Company. Conveyor. 2,328,050; Aug. 31.
- Bullard, Edward P., III, Fairfield, Conn., assignor to The Bullard Company. Feed drive means for machining concave and convex surfaces. 2,329,246; Sept. 14.
- Bullard, Edward P., III, Fairfield, and F. H. Mussler, Stratford, Conn., assignors to The Bullard Company. Attachment for machine tools. 2,329,587; Sept. 14.
- Bullard, Edward P., III, Fairfield, and P. H. Lange, Bridgeport, Conn., assignors to The Bullard Company. Indicator. 2,336,163; Dec. 7.
- Bullard, Edwin F. (See Evans, T. W., and Bullard.)
- Bullard, Edwin F. (See McAllister, S. H., Anderson, and Bullard.)
- Bullard, Harold C., Nashua, N. H. Cabinet. 2,318,921; May 11.
- Bullard, Herbert A., deceased, Syracuse, by A. Merrill, Utica, administrator, and B. B. Bradshaw, Syracuse, N. Y. Rotary pump. 2,336,344; Dec. 7.
- Bulldog Electric Products Company. (See Fisher, Lawrence B., assignor.)
- Bulldog Electric Products Company. (See Frank, William H., assignor.)
- Bulldog Electric Products Company. (See Frank, W. H., and Bette, assignors.)
- Bulldog Electric Products Company. (See Frank, W. H., and Fisher, assignor.)
- Bulldog Electric Products Company. (See Frank, W. H., and Messing, assignors.)
- Bulldog Electric Products Company. (See Frank, W. H., and Platz, assignors.)
- Bulldog Electric Products Company. (See Messing, Joseph A., assignor.)
- Bulldog Electric Products Company. (See Platz, Elwood T., assignor.)
- Bulldog Electric Products Company. (See Platz, E. T., and Frank, assignors.)
- Bullen, Clark V., assignor to Barber-Coleman Company, Rockford, Ill. Condition responsive instrument. 2,332,985; Oct. 26.
- Buller, John F., Dallas, Oreg. Lathing machine. 2,310,512; Feb. 9.
- Buller, John P., Ringwood, Okla. Temperature control switch. 2,327,014; Aug. 17.
- Bullerjahn, Adolph D., Milwaukee, Wis. Combination switch handle and seal. 2,334,901; Nov. 23.
- Bulling, Jerome, Brooklyn, N. Y. Fluid dispensing container. 2,313,219; Mar. 9.
- Bullinger, Conrad, Riverside, Ill., assignor to A. Stein & Company. Undergarment. 2,323,451; July 6.
- Bullington, Harold E., Chilliwack, British Columbia, Canada. Lifting tongs. 2,336,527; Dec. 14.
- Bullington, Robert K., Forest Hills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system regulation. 2,326,826; Aug. 17.
- Bullitt, James B., Jr., Swarthmore, P. B. Evans, Wynnewood, and H. H. Hopkins, Swarthmore, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,313,799; Mar. 16.
- Bullman, George H., Rockford, Ill. Exercising device. 2,319,109; May 11.
- Bullock, Arthur R., Elizabeth, assignor, by mesne assignments, to Essex Engineering Corporation, Short Hills, N. J. Motor control and apparatus therefor. 2,309,163; Jan. 26.
- Bullock, Giles E. (See Gerrer, John H., assignor.)
- Bullock, Giles E., Rochester, N. Y. Making pressure tanks. 2,310,334; Feb. 9.
- Bullock, Giles E., Rochester, N. Y. Making thin sheet metal shells. 2,312,749; Mar. 2.
- Bullock, Giles E., Rochester, N. Y. Cartridge chamber and cartridge for spraying devices. 2,337,149; Dec. 21.
- Bulock, Laurie H., et al., executors. (See Replogle, Daniel B.)
- Bullowa, Jesse G. M., New York, and H. D. Ratish, Brooklyn, N. Y. Oxygen enrichment. 2,310,277; Feb. 9.
- Bullum, Steve, Greggton, Tex. Pump pull rod adjuster. 2,315,152; Mar. 30.
- Bullum, Steve, Wilmington, Calif. Wire line grip. 2,329,389; Sept. 14.
- Bulova Watch Company. (See Jensen, Gustav, assignor.)
- Bulova Watch Company. (See Lux, Eugene, assignor.)
- Bulpitt, Walter H., Birmingham, England. Electric thermal switch. 2,311,206; Feb. 16.
- Bumstead, Albert H., deceased, Washington, D. C., by A. S. Bumstead, executrix. Photographic apparatus. 2,334,541; Nov. 16.
- Bumstead, Annie S., executrix. (See Bumstead, Albert H.)
- Bumstead, Ralph W., Westfield, N. J. Multiplex television and facsimile system. 2,314,920; Mar. 30.
- Bundy Tubing Company. (See Knox, David R., assignor.)
- Bundy Tubing Company. (See Kvarnstrom, Alfred T., assignor.)
- Bungay, George W., New York, N. Y. Apparatus for black-leading electrolyte molds. 2,313,622; Mar. 9.
- Bungay, George W., New York, N. Y. Press for making electrolyte molds. 2,313,623; Mar. 9.
- Bünger, Albert, Berlin-Pankow, Germany, assignor to General Electric Company. Glassworking apparatus. 2,334,604; Nov. 16.
- Bunjes, Edwin G., Los Angeles, Calif. Window. 2,327,246; Aug. 17.
- Bunker, Elizabeth E., Minneapolis, Minn. Holder for displaying and mailing handkerchiefs and the like. 2,318,461; May 4.
- Bunker, Herbert H., assignor to Kerlow Steel Flooring Company, Jersey City, N. J. Grating structure. 2,317,174; Apr. 20.
- Bunker, Herbert H., assignor to Kerlow Steel Flooring Company, Jersey City, N. J. Floor panel. 2,336,713; Dec. 14.
- Bunn, Simon M., Waco, Tex. Plow attachment for tractors. 2,322,342; June 22.
- Bunnell, Fred H., Lansing, Mich. Pressure retaining device. 2,314,921; Mar. 30.
- Bunting, Albert H., assignor to Union Research Corporation, Detroit, Mich. Color photography. 2,312,874; Mar. 2.
- Bunting, Albert L., assignor to Union Research Corporation, Detroit, Mich. Color photography. 2,333,359; Nov. 2.
- Bunting, Albert L., and R. W. Thomas, assignors to Union Research Corporation, Detroit, Mich. Color photography. 2,312,875; Mar. 2.
- Bunting Glider Company. (See Goldberg, Aaron S., assignor.)

- Buote, Clarence E., Pawtucket, R. I., assignor to H & B American Machine Company. Textile spindle. 2,336,393; Dec. 14.
- Buote, Clarence E., Pawtucket, R. I., assignor to H & B American Machine Company. Pulley or feed wheel. 2,337,308; Dec. 21.
- Buraczynski, Casimer J., Milwaukee, Wis. Differentially balanced torque transmission. 2,311,150; Feb. 10.
- Buraw, Kenneth C. (See Mace, A. T., and Buraw.)
- Burch, Charles J. (See Aitchison, R. B., and Burch.)
- Burch, Charles J., and W. G. Edwards, Kenmore, N. Y., assignors to The Linde Air Products Company. Dispenser for compressed solids. 2,327,337; Aug. 24.
- Burch, Charles J., Kenmore, N. Y., assignor to The Linde Air Products Company. Method of and apparatus for working mineral materials and the like. 2,327,496; Aug. 24.
- Burch, Charles J., Kenmore, N. Y., assignor to The Linde Air Products Company. Blowtorch. 2,327,498; Aug. 24.
- Burch, Charles J., Kenmore, N. Y., assignor to The Linde Air Products Company. Process of and apparatus for working mineral materials and the like. 2,327,499; Aug. 24.
- Burch, Charles J., and G. H. Smith, Kenmore, N. Y., assignors to The Linde Air Products Company. Apparatus for working mineral materials and the like. 2,327,497; Aug. 24.
- Burch Manufacturing Company. (See Van Doren, H., and Dalley, assignors.)
- Burch, Woodrow M., assignor of three-fourths to M. Kasner, Oklahoma City, Okla. Oil well drilling bit. 2,318,370; May 4.
- Burchett, Ray L., Newark, N. J., assignor to Art Metal Works, Inc. Combined razor and sharpening device. 2,319,488; May 18.
- Burchett, Ray L., Newark, N. J., assignor to Art Metal Works, Inc. Combined razor and sharpening device. 2,336,063; Dec. 7.
- Burchett, Walter J., East Orange, N. J., assignor to Art Metal Works, Inc. Toy sparking cannon or the like. 2,336,391; Dec. 7.
- Burcill, John, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Dyeing woolled sheepskins. 2,336,221; Dec. 7.
- Bureky, Charles W., Park Ridge, assignor to Teletype Corporation, Chicago, Ill. Facsimile page printer. 2,312,315; Mar. 2.
- Bureky, Charles W., Park Ridge, assignor to Teletype Corporation, Chicago, Ill. Facsimile page printer. 2,312,317; Mar. 2.
- Bureky, Charles W., Park Ridge, assignor to Teletype Corporation, Chicago, Ill. Two-color ribbon mechanism. 2,310,036; May 11.
- Burd, Gorman C., Adrian, Mich., assignor to The Owen Silent Spring Company, Inc. Spring unit and constructing the same. 2,309,164; Jan. 20.
- Burdett, Horace H., Milford, assignor to Draper Corporation, Hopedale, Mass. Filling tension device. 2,335,142; Nov. 23.
- Burdett, Roy E., assignor to Pacific Mills, Lawrence, Mass. Weaving. 2,300,825; Feb. 2.
- Burdge, Clyde W. (See Ferrero, M. J., and Burdge.)
- Burdick, Edwin C. (See Allwin, A. F., and Burdick.)
- Burdick, Ephraim, assignor of one-half to R. H. Bachmann, Madison, Ohio. Apparatus for filling oil drums or the like. 2,318,462; May 4.
- Burdick, Frank, assignor to Shakespear Company, Kalamazoo, Mich. Fishing reel. 2,316,344; Apr. 13.
- Burdick, Frank, assignor to Shakespear Company, Kalamazoo, Mich. Fishing reel. 2,321,650; June 15.
- Burdick, Frank, assignor to Shakespear Company, Kalamazoo, Mich. Fishing reel. 2,334,244; Nov. 16.
- Burdick, John E., Coleman, Tex. Clothespin. 2,331,104; Oct. 5.
- Burdick, Ralph V., Albany, N. Y. Receptacle and snap-on cover therefor. 2,314,195; Mar. 16.
- Burdick, Richard, Dallas, Tex. Display. 2,325,830; Aug. 3.
- Burdick, Theodore A., Flushing, assignor to Somet-Solvay Engineering Corporation, New York, N. Y. Gate operating control. 2,317,175; Apr. 20.
- Burdon-Cooper, Alexander M., Comrie, Scotland. Tiled wall facing. 2,337,180; Dec. 21.
- Bureau, Arthur A., Chicago, and Stanley Price, La Grange, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Fiberboard carrying tray. 2,326,926; Aug. 17.
- Burgard, Peter, St. Paul, Minn., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Ironing element. 2,331,171; Oct. 5.
- Burgdorf, Harvey E. (See Pate, W. M., and Burgdorf.)
- Burge, James S., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Coil winding machine. 2,334,602; Nov. 16.
- Burgener, Karl L., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,312,385; Mar. 2.
- Burger, Alfred, Charlottesville, Va., assignor to Tobacco By-Products and Chemical Corporation, Louisville, Ky. Nicotine derivative. 2,315,314; Mar. 30.
- Burger, Clarence W. (See Glassman, L. H., and Burger.)
- Burger, Clarence W., Arlington, Va. Cigarette dispenser. 2,310,933; Feb. 16.
- Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Dual wheel structure. 2,309,573; Jan. 26.
- Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Slack adjuster. 2,316,400; Apr. 13.
- Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Trailer axle. 2,329,099; Sept. 7.
- Burger, Michael J., South Ozone Park, assignor to Western Electric Company, Incorporated, New York, N. Y. Vibration measuring apparatus. 2,322,708; June 22.
- Burger, Violet, and J. Smith, New York, N. Y. Placket closer. 2,335,577; Nov. 30.
- Burgesson, Knut, Bristol, Conn. Process of fermentation. 2,333,764; Nov. 9.
- Burgess Battery Company. (See Chipley, Alfred S., assignor.)
- Burgess Battery Company. (See Lawson, Herbert E., assignor.)
- Burgess Battery Company. (See Lockwood, Lee J., assignor.)
- Burgess, Bert I., Peterborough, Ontario, Canada, assignor to General Electric Company. Electric switchgear. 2,335,042; Nov. 23.
- Burgess Cellulose Company. (See Schorger, Arlie W., assignor.)
- Burgess, Charles O., and W. D. Forgeng, Niagara Falls, N. Y., assignors to Haynes Stellite Company. Cutting tool. 2,334,245; Nov. 16.
- Burgess, Charles O., and W. D. Forgeng, Niagara Falls, N. Y., assignors to Haynes Stellite Company. Cutting tool. 2,334,246; Nov. 16.
- Burgess, Everett H. (See Lehane, T. J., and Burgess.)
- Burgess, Joseph J., assignor to J. Caverio, Brooklyn, N. Y. Bracket. 2,331,653; Oct. 12.
- Burgess, Montague S., Queens Village, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measurement of envelope delay of electric circuits. 2,337,540; Dec. 28.
- Burgess, Montague S., Queens Village, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric circuit. 2,337,541; Dec. 28.
- Burgess-Norton Mfg. Co. (See Dohrenwend, Clayton O., assignor.)
- Burgess, Paul, Los Angeles, Calif. Light control means. 2,324,133; July 13.
- Burgett, Lynn S., Euclid, assignor to The Clark Controller Company, Cleveland, Ohio. Electric cable. 2,308,973; Jan. 19.
- Burgett, Lynn S., Euclid, assignor to The Clark Controller Company, Cleveland, Ohio. Making cables. 2,309,439; Jan. 26.
- Burhoff, Henry L. (See Crampton, D. K., and Burhoff.)
- Burgin, James. (See Chickknoff, J., Roberts, and Burgin.)
- Burgin, James, Oakland, assignor to Shell Development Company, San Francisco, Calif. Production of high octane blending stocks. 2,337,640; Dec. 28.
- Burgner, Charles F., Reading, Pa. Measuring and marking device. 2,311,025; Feb. 16.
- Burschiller, Willm. (See Siemens, A., Von Bertele, and Burschiller.)
- Burl, Ernst, Donaueschingen, Germany, assignor to Hans Fretz, Zurich, Switzerland. Producing stencils. 2,309,440; Jan. 26.
- Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Production of alcohols. 2,317,949; Apr. 27.
- Burk, Robert E., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Fractional distillation means. 2,317,951; Apr. 27.
- Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Catalytic treatment of non-benzenoid hydrocarbons. 2,315,839; Apr. 6.
- Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Oil testing apparatus. 2,317,950; Apr. 27.
- Burk, Robert E., Cleveland Heights, and E. Kropp, assignors to The Standard Oil Company, Cleveland, Ohio. Fractional distillation. 2,317,952; Apr. 27.
- Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Conversion of nonbenzenoid hydrocarbons to aromatics. 2,321,006; June 8.
- Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Stabilizing hydrocarbon products. 2,328,190; Aug. 31.
- Burka, Samuel M. (See Crano, C. J., and Burka.)
- Burka, Samuel M. (See Thirlow, Thomas L., and Burka.)
- Burk, Robert E., and E. C. Hughes, Cleveland Heights, assignors to The Standard Oil Company, Cleveland, Ohio. Beneficiating light hydrocarbon distillates. 2,337,732; Dec. 28.
- Burkard, Perle N., Wyandotte, Mich., assignor, by mesne assignments, to Wyandotte Chemicals Corporation. Determination of sodium hydroxide in presence of the aluminate. 2,332,497; Oct. 26.
- Burkardt, Anton F. (See Boyce, William A., assignor.)
- Burkhardt, Anton, assignor to Pneumatic Cap & Seal Corporation, New York, N. Y. Sealing bottles and the like. 2,326,722; Aug. 10.
- Burke, Edmund P., Los Angeles, Calif. Construction unit. 2,315,687; Apr. 6.

- Burke, Edward J. (See Finley, T. J., and Burke.)
 Burke, Edward R. (See Griffith, J. E., and Burke.)
 Burke & James, Inc. (See Frankel, Leo, assignor.)
 Burke & James, Inc. (See Grover, Garrison P., assignor.)
 Burke & James, Inc. (See Nicholas, Harold I., assignor.)
 Burke, James P., Knoxville, Tenn., assignor to F. L. McLaughlin, Detroit, Mich. Nut retainer. 2,326,285; Aug. 10.
 Burke, John J., and E. E. Caspell, New Haven, Conn., assignors to The American Steel and Wire Company of New Jersey. Wire rope center testing. 2,336,980; Dec. 14.
 Burke, Marjory N., Whitegate, near Northwich, England. Lady's suspender garment. 2,315,930; Apr. 6.
 Burke, Mark P., Tulsa, Okla. Fluid lift valve. 2,307,991; Jan. 12.
 Burke, Peter W., assignor to Dowty Equipment Limited, Cheltenham, England. Mounting for aircraft components. 2,321,065; June 8.
 Burke, William J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Triazone ring compound. 2,321,989; June 15.
 Burke, William J., R. W. Maxwell, and P. S. Pinkney, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile treatment. 2,311,027; Feb. 16.
 Burke, William O., assignor to National Lock Co., Rockford, Ill. Latch. 2,316,401; Apr. 13.
 Burke, William O., assignor to National Lock Co., Rockford, Ill. Refrigerator latch operating mechanism. 2,322,916; June 29.
 Burke, William O., assignor to National Lock Co., Rockford, Ill. Refrigerator latch. 2,325,225; July 27.
 Burke, William O., assignor to National Lock Co., Rockford, Ill. Refrigerator latch. 2,334,066; Nov. 9.
 Burkey, Lawrence G., Cresson, assignor to S. Liebowitz & Sons, Inc., Myerstown, Pa. Button sewing machine. 2,321,990; June 15.
 Burkey, Lawrence G., Cresson, Pa., assignor to S. Liebowitz & Sons, Inc., New York, N. Y. Button feeding mechanism for sewing machines. 2,337,181; Dec. 21.
 Burkhardt, William L., assignor to The Gates Rubber Company, Denver, Colo. Belt length finder. 2,336,594; Dec. 14.
 Burkhardt, George J., Riverdale, Md. Grain drier. 2,333,089; Nov. 2.
 Burkhardt, George R. (See Breed, C. W., and Burkhardt.)
 Burkhardt, George R., Chicago, Ill. Resilient rail fastener. 2,333,518; Nov. 2.
 Burkhardt, Otto M., assignor to Thompson Products, Inc., Cleveland, Ohio. Hydromechanical clearance regulator. 2,308,858; Jan. 19.
 Burkholder, Alden H., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Manufacture of thread or the like. 2,309,072; Jan. 19.
 Burkholder, Noah N. (See Martin, Ivan Z., assignor.)
 Burkness, Neal B., Los Angeles, Calif. Combined filter, dehydrator, and indicator. 2,325,657; Aug. 3.
 Burks, Arthur W., assignor to Deatur Pump Company, Decatur, Ill. Shaver. 2,332,493; Oct. 26.
 Burks, John T., East Carondelet, Ill. Mechanical wrench. 2,320,119; May 25.
 Buriel, Arthur C., Wellesley, Mass., assignor to Skillsway Inc., Chicago, Ill. Abrading and polishing device. 2,328,613; Sept. 7.
 Buriel, James K., Yonkers, and J. A. Wels, New York, N. Y. Portable mail holder. 2,310,835; Feb. 9.
 Burling, Ethel O., Yakima, Wash., assignor to Pacific Machinery Company, San Francisco, Calif. Freestone peach pitter. 2,324,470; July 20.
 Burlington Mills, Ins. (See Walsh, William J., assignor.)
 Burlo, Edward E., Green Bay, Wis. Hand mirror. 2,336,392; Dec. 7.
 Burman, Gunnar. (See Johnson, Oscar, assignor.)
 Burman, Omer F., Jr., Brooklyn, assignor to Saco-Lowell Shops, Boston, Mass. Drawing frame clearer. 2,328,324; Aug. 31.
 Burman & Sons Limited. (See Briggs, T. H. and W. H., assignors.)
 Burmeister, Frederick H. (See Dow, D. M., Burmeister and Lindberg.)
 Burmester, Henry G., and E. Levit, Jr., Dayton, Ohio. Game apparatus. 2,330,951; Oct. 5.
 Burnam, W. V., Inglewood, Calif. Dehydrating mineral oil emulsions. 2,327,996; Aug. 31.
 Burnam, Thompson W., Inglewood, Calif. Fire extinguishing nozzle. 2,329,390; Sept. 14.
 Burndy Engineering Company. (See Lee, Marvin, assignor.)
 Burndy Engineering Company. (See Rogoff, Julian, assignor.)
 Burneleit, Willy, Cologne-Deutz, Germany, assignor to General Aniline & Film Corporation. New vat dyestuffs. 2,319,719; May 18.
 Burnett, Carlos E., Maplewood, N. J., assignor to Radio Corporation of America. Luminescent material. 2,323,116; June 29.
 Burnett, David W. (See Richardson, C. D., and Burnett.)
 Burnett, James G. (See Bloom, G. T., and Burnett.)
 Burnett, Richard T., assignor to Bendix Aviation Corporation, South Bend, Ind. Making brake applying assemblies. 2,308,559; Jan. 19.
 Burnette, Algenon R., assignor to J. E. Fox, New York, N. Y. Refrigerating apparatus. 2,315,768; Apr. 6.
 Burnette Castings Company. (See Howlett, Lewis G., assignor.)
 Burnitol Manufacturing Company. (See Cranshaw, Harold B., assignor.)
 Burns, Bernard L. (See Shepherdson, J. W., and Burns.)
 Burns, Charles R., West Reading, Pa., assignor to Vanity Fair Mills, Inc. Making warp knit fabrics. 2,320,405; June 1.
 Burns, Erwin, Los Angeles, Calif. By-pass type liner hanger. 2,310,572; Feb. 9.
 Burns, Erwin, Los Angeles, and F. C. Boyd, Whittier, Calif. Liner hanger. 2,337,733; Dec. 28.
 Burns, Frank D., and W. B. Thorne, assignors to The Hays Corporation, Michigan City, Ind. Stabilizer for controllers or regulators. 2,320,508; June 1.
 Burns, Fred J., Saginaw, Mich., assignor to The Columbia Mills, Inc., of New York, N. Y. Installation bracket for Venetian blinds. 2,329,588; Sept. 14.
 Burns, Fritz B. (See Eddy, Gerald A., assignor.)
 Burns, George A., and C. R. Irigin, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Remote control and supervisory system. 2,336,064; Dec. 7.
 Burns, Henry N., Rossburg, Ohio. Power and transmission unit. 2,310,513; Feb. 9.
 Burns, Herbert A., Forest Hills, N. Y., assignor to International Cigar Machinery Company. Cross-feed for cigar bunch machines. 2,329,183; Sept. 14.
 Burns, Jabez, & Sons, Inc. (See Kopt, Joseph L., assignor.)
 Burns, Lloyd E. (See Dickson, J. B., and Burns.)
 Burns, Murray E., and G. M. Bonnell, Boise, Idaho. Crawler tractor. 2,322,919; June 29.
 Burns, Samuel L., and M. Chesterfield, assignors to Hooker Electrochemical Company, Niagara Falls, N. Y. Electrolytic alkali chlorine cell. 2,330,404; Sept. 28.
 Burnside Steel Foundry Company. (See Smith, W. P., and Westover, assignors.)
 Burns, Robert S. (See Swezey, Robert J., assignor.)
 Burns, Walter G., Fort Wayne, Ind. Fish lure. 2,325,107; July 27.
 Burnside, D. G., East Orange, N. J., assignor to Radio Corporation of America. Ultra high frequency coupling means. 2,326,519; Aug. 10.
 Burr, Gordon A. (See Peterson, A. J. A., Frakes, and Burr.)
 Burr, John H., Denver, Colo. Overhead door. 2,334,749; Nov. 23.
 Burr, John H., assignor to Waldorf Paper Products Company, St. Paul, Minn. Box. 2,308,050; Jan. 12.
 Burr, Wayne E., Hermosa Beach, assignor of one-half to Donald L. Porter, Los Angeles, Calif. Spectral analysis. 2,309,301; Jan. 26.
 Burrell, George G., Blairstown, and L. Burrell, Des Moines, Iowa. Spark plug. 2,309,236; Jan. 26.
 Burrell, Guy H., Mount Lebanon, assignor to Burrell Technical Supply Company, Pittsburgh, Pa. Adjustable rubber valve. 2,314,707; Mar. 23.
 Burrell, Harry, Paramus, N. J., assignor to Ellis-Foster Company. Water-soluble phenolic resin and making same. 2,309,610; Jan. 26.
 Burrell, Harry, Newark, N. J., assignor to Ellis-Foster Company. Nitrolognin molding composition and making same. 2,310,010; Feb. 2.
 Burrell, L. O. (See Burrell, George G. and Leo.)
 Burrell, Philip L. H. and H. L. Larsen, Duluth, Minn. Portable hair treating device. 2,317,883; Apr. 27.
 Burrell Technical Supply Company. (See Burrell, Guy H., assignor.)
 Burrell Technical Supply Company. (See Guild, Lloyd V., assignor.)
 Burroughs Adding Machine Company. (See Brown, Herbert, assignor.)
 Burroughs Adding Machine Company. (See Fettig, Arthur J., assignor.)
 Burroughs Adding Machine Company. (See Kressler, D. Ellis, assignor.)
 Burroughs Adding Machine Company. (See Muller, Robert L., assignor.)
 Burroughs Adding Machine Company. (See Pasinski, Walter J., assignor.)
 Burroughs Adding Machine Company. (See Rac, Ernest, assignor.)
 Burroughs, Edwin E., Rockaway Beach, assignor to Potdevin Machine Company, Brooklyn, N. Y. Bag making machine. 2,324,358; July 13.
 Burroughs, Edwin E., Rockaway Beach, assignor to Potdevin Machine Company, Brooklyn, N. Y. Printing machine. 2,329,454; Sept. 14.
 Burroughs, Richard H., Jr., Oakland, Calif. Aircraft control. 2,313,800; Mar. 16.
 Burroughs, Samuel G. (See Corkery, F. W., and Burroughs.)
 Burroughs, Samuel G., Pittsburgh, Pa., assignor to Pennsylvania Industrial Chemical Corporation. Terpene resin. 2,335,912; Dec. 7.
 Burroughs Wellcome & Co., (U. S. A.) Inc. (See Buck, J. S., and de Beer, assignors.)

- Burroughs Wellcome & Co., (U. S. A.) Inc. (See Buck, J. S. Reimer, and Sherwood, assignors.)
- Burrows, Lawton A., and M. A. Cook, Woodbury, and R. M. Girdler, Sewell, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Firing explosive rivets. 2,327,763; Aug. 24.
- Burrows, David N., Jr., Hammond, Ind., and J. E. Drapeau, Jr., assignors to The Glidden Company, Cleveland, Ohio. Reducing apparatus. 2,323,305; July 6.
- Burry, Arthur A., Toronto, Ontario, Canada. Plastic molding apparatus. 2,319,439; May 18.
- Burt, Alexander D., Haddon Heights, N. J., assignor to Radio Corporation of America. Electrical vibrator device. 2,313,919; Mar. 16.
- Burt, Alexander D., Haddon Heights, N. J., assignor to Radio Corporation of America. Signal translating apparatus. 2,328,952; Sept. 7.
- Burt, Clarence E., Los Angeles, T. Sutter, Huntington Park, and T. M. Ragan, Downey, assignors to Baker Oil Tools, Inc., Los Angeles, Calif. Liner hanger apparatus. 2,319,931; Apr. 6.
- Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Vernon, Calif. Explosive trip for well devices. 2,330,265; Sept. 28.
- Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Vernon, Calif. Cementing plug. 2,330,266; Sept. 28.
- Burt, Clarence E., Los Angeles, and W. S. Althouse, Jr., South Pasadena, assignors to Baker Oil Tools, Inc., Vernon, Calif. Well cementing apparatus. 2,330,267; Sept. 28.
- Burt, Fred, et al. (See Bittner, Charles C., assignor.)
- Burt, F. N., Company. (See Gies, W. F., and Wells, assignors.)
- Burt, F. N., Company. (See McCarthy, J. W., and Holly, assignors.)
- Burt, F. N., Company. (See Nyden, Robert, assignor.)
- Burt, F. N., Company. (See Wells, William J., assignor.)
- Burt, Guy H., Edgewood, assignor of one-half to H. M. Burt, Narragansett, R. I. Lamp socket. 2,313,036; Mar. 9.
- Burt, Harold A., St. Albans, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,314,768; Mar. 23.
- Burt, Harry M. (See Burt, Guy H., assignor.)
- Burt, Maurice L., Stoughton, Mass. Thread-cutting die. 2,333,462; Nov. 2.
- Burt, Robert V., and N. Macneale, assignors to The Procter & Gamble Company, Cincinnati, Ohio. Container filling device and method. 2,315,932; Apr. 6.
- Burtenshaw, Leslie D., assignor to Gibson Electric Refrigerator Corporation, Greenville, Mich. Process of soldering. 2,332,368; Oct. 19.
- Burner, Robert R. (See Cusie, J. W., and Burner.)
- Burner, Robert R., assignor to G. D. Searle & Co., Skokie, Ill. Antispasmodic agents. 2,334,310; Nov. 16.
- Burton, Charles A., Austin, Tex., assignor to A. O. Long, Kansas City, Mo. Shirt collar supporter. 2,323,866; July 6.
- Burton, Edward F., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Aircraft cabin. 2,310,573; Feb. 9.
- Burton, Edward F., and J. C. Buckwalter, Los Angeles, assignors to Douglas Aircraft Company, Inc., San Monica, Calif. Berth and chair arrangement. 2,332,841; Oct. 26.
- Burton, Everett T., Milburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing system. 2,309,044; Jan. 19.
- Burton, Frank F., Mount Carmel, assignor to Western Cartridge Company, New Haven, Conn. Bolt-action firearm construction. 2,337,150; Dec. 21.
- Burton, John O., International Falls, assignor to Minnesota and Ontario Paper Company, Minneapolis, Minn. Making low density water resisting fibrous products. 2,332,369; Oct. 19.
- Burton, Leonard B. (See Joachim, H., and Burton.)
- Burton, Robert A., High Point, N. C., assignor to Burton Upholstery Company. Sofa bed. 2,324,675; July 20.
- Burton Upholstery Company. (See Burton, Robert A., assignor.)
- Burwell, Arthur W., Niagara Falls, assignor to Alox Corporation, New York, N. Y. Neutral lubricity-increasing agents. 2,314,769; Mar. 23.
- Burwell, Arthur W., Niagara Falls, assignor to Alox Corporation, New York, N. Y. Compounded lubricant. 2,335,733; Nov. 30.
- Burwell, Arthur W., and J. A. Camelford, Niagara Falls, assignors to Alox Corporation, New York, N. Y. Lubrication composition. 2,317,666; Apr. 27.
- Burwell, Arthur W., and J. A. Camelford, Niagara Falls, assignors to Alox Corporation, New York, N. Y. Inhibitor and making same. 2,337,868; Dec. 28.
- Burwell, Mary E., Denver Colo. Garmen blocking form. 2,307,256; Jan. 6.
- Busch, Aloysius J., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic toll ticketing system. 2,337,642; Dec. 28.
- Busch, Charles R., Orange, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Brake rigging and/or railway car truck. 2,310,195; Feb. 2.
- Busch, Ralph B. (See Graves, C. B., and Busch.)
- Busch, Vern W., South Lyons, Mich. Lunch box. 2,333,410; Nov. 2.
- Buschbeck, Werner, Berlin-Grunewald, and H. Zumbusch, Berlin-Wilmersdorf, Germany, assignors to the Alien Property Custodian. Broad-band antenna. 2,311,364; Feb. 16.
- Busenkell, Charles C., Montgomery County, assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,332,432; Oct. 19.
- Buser, Anthony F., Wichita, Kans. Auxiliary handle for shovels or the like. 2,337,643; Dec. 23.
- Buser, Johann, Basel, Switzerland. Electric lamp with connecting device. 2,329,455; Sept. 14.
- Bush, A. G. (See Criner, Harry J., assignor.)
- Bush, Burton T., Inc. (See Gump, W. S., and Luthy, assignors.)
- Bush, Harold L., North Syracuse, assignor to Crouse-Hinds Company, Syracuse, N. Y. Explosion-proof panel board. 2,335,233; Nov. 30.
- Bush, J. E. (See Dubour, R. R., and Brown, assignors.)
- Bush, Leroy F., Edwardsville, Kans. Sand cleaning and classifying apparatus. 2,337,446; Dec. 21.
- Bush, Paine L., Dallas, Tex. Strap fastener. 2,326,328; Aug. 10.
- Bush, Paine L., Dallas, Tex. Adjustable support for manuscripts, books, or the like. 2,331,595; Oct. 12.
- Bush, Paul L., and D. E. Lovell, assignors to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Rubber coating. 2,310,676; Feb. 9.
- Bush, Rankin J., Jeannette, and W. H. Glass, Pittsburgh, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Control mechanism. 2,329,742; Sept. 21.
- Bush, Russell J., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Window channeling. 2,313,419; Mar. 9.
- Bush, Russell J., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Machinery packing. 2,326,286; Aug. 10.
- Bush, Theodore R. (See Schultz, A. B., and Bush.)
- Bush, Vannovar, Washington, D. C., assignor to the Government of the United States of America, as represented by the Secretary of War. Machine for rifling guns. 2,319,206; May 18.
- Busha, Charles P., Hibbing, Minn. Clothesline reel. 2,309,574; Jan. 26.
- Bushby, David, assignor to The Vacuum Air Pressure Company Limited, Regina, Saskatchewan, Canada. Piston. 2,313,320; Mar. 9.
- Bushman, Julius H., Willoughby, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery. 2,318,371; May 4.
- Bushman, Robert P., Allentown, Pa., assignor, by mesne assignments, to St. Regis Paper Company, New York, N. Y. Paper or the like bag. 2,311,733; Feb. 23.
- Bushnell, Charles S., assignor to General Railway Signal Company, Rochester, N. Y. Coded continuous inductive train control system. 2,314,268; Mar. 16.
- Bushrod, Charles J., Prestwich, assignor to Magnesium Elektron Limited, London, England. Inhibition of corrosion of magnesium and magnesium base alloys. 2,325,304; July 27.
- Busi, Mario, assignor to The Silver Globe Corporation, New York, N. Y. Dry cleaning system and method of dry cleaning. 2,316,669; Apr. 13.
- Busignies, Henri G., Forest Hills, assignor to International Standard Electric Corporation, New York, N. Y. Radio compass. 2,320,908; June 1.
- Busignies, Henri G., Forest Hills, assignor to International Standard Electric Corporation, New York, N. Y. Detected signal direction finder. 2,334,247; Nov. 16.
- Busignies, Henri G., Forest Hills, assignor to International Standard Electric Corporation, New York, N. Y. Demountable goniometer arrangement. 2,335,996; Dec. 7.
- Busignies, Henri G., Forest Hills, N. Y., and A. G. Richardson, Boonton, assignors to Edeco, Inc., Telephone & Radio Corporation, Newark, N. J. Direction finding system. 2,313,047; Mar. 9.
- Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway brake beam. 2,319,440; May 18.
- Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake gear support. 2,337,708; Dec. 28.
- Busse, Edwin G., and J. H. Keller, assignors to Chicago Railway Equipment Company, Chicago, Ill. Railway brake beam. 2,329,247; Sept. 14.
- Busse, Warren F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Resilient mounting and making the same. 2,328,614; Sept. 7.
- Bussey, Allen C., assignor to Bussey Pen Products Company, Chicago, Ill. Pen construction. 2,311,207; Feb. 16.
- Bussey Pen Products Company. (See Bussey, Allen C., assignor.)
- Bussler, Thomas O., assignor of one-third to C. Cold and one-third to B. M. Durr, Wheelersburg, Ohio. Safety switch point protecting means. 2,315,243; Mar. 30.
- Bussmann, Wilhelmus B., Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Production of coarse crystalline salts. 2,318,463; May 4.
- Butcher, Jay W., Woodland, Calif. Trash separator and beet piece saver. 2,316,556; Apr. 13.

- Butenandt, Adolf, Berlin-Lichterfelde, Germany, assignor to Schering Corporation, Bloomfield, N. J. Halogenated compounds containing a sterol nucleus. 2,311,638; Feb. 23.
- Butenandt, Adolf, Berlin-Dahlem, Germany, assignor to Schering Corporation, Bloomfield, N. J. Δ^5 -cholesterone-3 and producing the same. 2,320,847; June 1.
- Butenandt, Adolf, Berlin-Dahlem, H. H. Inhoffen, Berlin-Wilmersdorf, and H. Dannenbaum, Falkenhain-Finkenkrug, near Berlin, Germany, assignors to Schering Corporation, Bloomfield, N. J. Ketones of the cyclopentano-polyhydropyrenanthrene series and producing the same. 2,326,756; Aug. 17.
- Butenandt, Adolf, Danzig-Langfurh, Free State of Danzig, assignor, by mesne assignments, to Schering Corporation, Bloomfield, N. J. Halogenated pregnanolones and pregnandiones. 2,313,732; Mar. 16.
- Butenandt, Adolf, Danzig-Langfurh, Free State of Danzig, and L. Strassberger, Berlin-Wilmersdorf, Germany, assignors, by mesne assignments, to Schering Corporation, Bloomfield, N. J. 17-hydroxy-3-keto-compounds of the cyclopentano polyhydropyrenanthrene series and producing the same. 2,334,935; Nov. 23.
- Buttkofer, Robert E., assignor to Standard Oil Company, Chicago, Ill. Powdered catalyst recovery. 2,328,325; Aug. 31.
- Butler, Albert L., Winston-Salem, assignor to Chatham Manufacturing Company, Elkin, N. C. Blanket. 2,335,642; Nov. 30.
- Butler, Arthur C., Averill Park, N. Y. Undergarment. 2,312,025; Feb. 23.
- Butler, Benjamin F., New York, N. Y. Ferric oxide and its preparation. 2,330,553; Sept. 28.
- Butler, Bernard J., (See Giles, A. O., Sheffield, Jr., Maruoka, and Butler.)
- Butler, Clifford E. (See Stout, Charles R., assignor.)
- Butler, Clyde C., assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Attaching hose couplings. 2,321,991; June 15.
- Butler, Edgar M., New Orleans, La. Water correction device. 2,321,796; June 15.
- Butler, Edgar M., New Orleans, La. Electrolytic water correction device. 2,321,797; June 15.
- Butler, Edgar M., New Orleans, La. Electrolytic water correction device. 2,337,151; Dec. 21.
- Butler, Fern L., (See Haggard, W. K., and Butler.)
- Butler, Frank D., U. S. Navy. Valves. 2,323,894; July 13.
- Butler, Frank D., United States Navy. Hydraulically operated vise assembly. 2,335,258; Nov. 30.
- Butler, Henry E., Scotia, N. Y., assignor to General Electric Company, Multiple filament electric lamp. 2,317,027; Apr. 20.
- Butler, James E., Memphis, Tenn. Electrical outlet. 2,331,654; Oct. 12.
- Butler, Joe K., and S. A. Winkelmann, West Columbia, Tex., assignors, by mesne assignments, to L. C. Morgan Wichita, Kans. Treating oil wells. 2,335,714; Dec. 11.
- Butler, John, Cleveland Heights, Ohio. Rolling attachment for motor vehicles. 2,315,397; Mar. 30.
- Butler, Leonard F. G. (See Fedden, A. H. R., Butler, Thomas, and Price.)
- Butler, Richard H., (See King, T. L., and Butler.)
- Butler, Robert S., Santa Monica, Calif., assignor to Sullivan Machinery Company. Method and apparatus for size reduction. 2,331,172; Oct. 5.
- Butler, Robert S., Santa Monica, Calif., assignor to Sullivan Machinery Company. Size-reducing mill. 2,331,173; Oct. 5.
- Butler, William F., Berkeley, and F. A. Cutter, Oakland, assignors to Cutter Laboratories, Berkeley, Calif. Transfusion equipment. 2,309,302; Jan. 26.
- Butler, William L., Schenectady, N. Y., assignor to General Electric Company. Circuit breaker. 2,318,987; May 11.
- Butler, William L., Schenectady, and G. M. Hausler, Ballston Lake, N. Y., assignors to General Electric Company. Circuit controller. 2,310,730; Feb. 9.
- Butler, William O., (See McCoy, C. J., and Butler.)
- Butler, Ursula K., (See Flynn, Robert C.)
- Butler, Vaughn, Harriman, Tenn. Automatic record changer. 2,328,052; Aug. 31.
- Butow, Douglas L., Evanston, Ill. Signal control. 2,307,357; Jan. 5.
- Butte Electric Manufacturing Co. (See Nolde, George V., assignor.)
- Butter, Karl, Rostock, Germany; vested in the Alien Property Custodian. Riveting machine. 2,310,836; Feb. 9.
- Butterbaugh, Darrel J., (See Spence, LeR. U., Butterbaugh, and Robinson.)
- Butterfield, John P., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Bearing. 2,324,676; July 20.
- Butterfield, Kenneth C., Grand Rapids, assignor to General Motors Corporation, Detroit, Mich. Press unloader. 2,314,123; Mar. 16.
- Butterley Company Limited, The. (See Walters, Christopher, assignor.)
- Buttermann, Garry G., Louisville, Ky. Sanitary master tube for shipping and dispensing ice-cream cones from individual enclosed tubes. 2,325,615; Sept. 7.
- Butters, Charles M., Arlington, Wash. Shadow-line indicator for trimming saws. 2,307,820; Jan. 12.
- Butters, Leonard E. (See Martin, J. A., and Butters.)
- Butters, Leonard E., assignor to Union Steel Products Company, Albion, Mich. Heating element support unit for ovens and the like. 2,316,222; Apr. 13.
- Butters, Robert H., Atlanta, Ga. Machine for and method of relieving milling cutters. 2,322,506; June 23.
- Butterworth, Frances Miller, Hasbrouck Heights, N. J. Combined business card and label. 2,321,184; June 8.
- Butterworth, H. W., & Sons Company. (See Bell, William E. H., assignor.)
- Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Dispensing carton. 2,313,987; Mar. 16.
- Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Container. 2,319,974; May 25.
- Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Cup dispensing carton. 2,319,975; May 25.
- Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Collapsible box or container. 2,334,902; Nov. 23.
- Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Package or container. 2,335,913; Dec. 7.
- Buttery, Kenneth T., assignor to Sutherland Paper Company, Kalamazoo, Mich. Cup package and carton therefor. 2,335,914; Dec. 7.
- Blüttner, Hugo, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Container. 2,315,186; Mar. 30.
- Buttner, William C., Winnetka, assignor to The Bastian-Blessing Company, Chicago, Ill. Safety valve. 2,320,339; June 1.
- Buttner, William C., Winnetka, assignor to The Bastian-Blessing Company, Chicago, Ill. Heat dissipating assembly. 2,323,895; July 13.
- Button, Albert D., (See Allshouse, H. A., Button and Frazier.)
- Button, Charles T., Needham, assignor to The Holtzer-Cabot Electric Company, Roxbury, Mass. Speed control for direct current motors. 2,331,960; Oct. 19.
- Butts, Dannie J., Alhambra, Calif., E. L. Butts, executrix of said Dannie J. Butts, deceased, assignor to E. L. Butts, Los Angeles, Calif. Collapsible frame. 2,315,933; Apr. 6.
- Butts, Ethel L., executrix. (See Butts, Dannie J., assignor.)
- Butts, Richard R., Miamisburg, Ohio, assignor of one-half to T. B. Zumtobel, Fort Thomas, Ky., and one-half to G. F. Miller, Cincinnati, Ohio. Ventilating black-out roller shade. 2,328,257; Aug. 31.
- Butz, Lewis W., Beltsville, Md., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and to his successors in office. Preparation of tetra-carboxylic di-anhydrides. 2,329,979; Sept. 21.
- Butzbach, Orville K., assignor to The Studebaker Corporation, South Bend, Ind. Circuit controller. 2,324,819; July 20.
- Butzler, Edward W., West View, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Recovery of phosphate from phosphate boiler sludge. 2,330,865; Oct. 5.
- Buxbaum, Edwin C., (See Lulek, R. N., and Buxbaum.)
- Buxbaum, Edwin C., (See Wuerz, A. J., Lee, and Buxbaum.)
- Buxbaum, Edwin C., Swarthmore, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye-stuffs of the anthraquinone series. 2,332,779; Oct. 26.
- Buxbaum, Edwin C., Swarthmore, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye-stuffs of the anthraquinone series. 2,335,643; Nov. 30.
- Buxton, Incorporated. (See Broughton, Douglas J., assignor.)
- Buxton, Incorporated. (See Buxton, Warner R., assignor.)
- Buxton, James E., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter drive. 2,311,894; Feb. 23.
- Buxton, James E., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,317,993; Apr. 27.
- Buxton, James E., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter. 2,319,441; May 18.
- Buxton, James E., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter drive. 2,320,220; May 25.
- Buxton, James E., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,323,196; June 29.
- Buxton, James E., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter drive. 2,332,053; Oct. 19.
- Buxton, James E., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter drive. 2,332,054; Oct. 19.
- Buxton, James E., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter. 2,332,055; Oct. 19.
- Buxton, James E., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting device. 2,332,986; Oct. 26.

- Buxton, Loran O. (See Simons, E. J., and Buxton.)
 Buxton, Loran O., assignor to National Oil Products Company, Harrison, N. J. Provitamin A extraction process. 2,318,747; May 11.
 Buxton, Loran O., assignor to National Oil Products Company, Harrison, N. J. Process of producing fat-soluble vitamin concentrates. 2,324,063; July 13.
 Buxton, Loran O., Belleville, assignor to National Oil Products Company, Harrison, N. J. Refining vitamin-bearing materials. 2,328,053; Aug. 31.
 Buxton, Loran O., Harrison, and S. T. Lipsius, Newark, assignors to National Oil Products Company, Harrison, N. J. Incorporating vitamins A and D into aqueous mediums. 2,311,517; Feb. 16.
 Buxton, Loran O., Belleville, N. J., and E. J. Simons, New York, N. Y., assignors to National Oil Products Company, Harrison, N. J. Reining and concentrating the unsaponifiable fraction of fats and oils. 2,318,748; May 11.
 Buxton, Loran O., and H. B. Colman, Belleville, N. J., assignors to National Oil Products Company, Harrison, N. J. Production of fat-soluble vitamin concentrates. 2,318,749; May 11.
 Buxton, Loran O., Belleville, and S. T. Lipsius, East Orange, assignors to National Oil Products Company, Harrison, N. J. Treating fish livers to remove the oil therefrom. 2,325,367; July 27.
 Buxton, Mabel A., executrix. (See Buxton, Warner R.)
 Buxton, Warner R., deceased, M. A. Buxton, executrix, Longmeadow, Mass., assignor to Buxton, Incorporated. Fastening means for flexible members. 2,318,750; May 11.
 Buxton, Warner R., Longmeadow, Mass., deceased, M. A. Buxton, Longmeadow, Mass., executrix, assignor to Buxton, Incorporated. Flexible pocket receptacle. 2,319,110; May 11.
 Buxton, Warner R., deceased, by M. A. Buxton, Longmeadow, executrix, assignor to Buxton, Incorporated. Springfield, Mass. Hand bag and cover therefor. 2,326,615; Aug. 12.
 Byas, James F., Blue Island, Ill. Handle. 2,308,744; Jan. 19.
 Buzby, Lawrence W., Millville, assignor to Kimble Glass Company, Vineland, N. J. Vial length sorting machine. 2,329,573; Sept. 21.
 Buzzard, Robert W., Kensington, Md. Method of and bath for coating magnesium. 2,314,341; Mar. 11.
 Byars, Hollie L., Farrisish, Ala. Field umbrella. 2,320,848; June 12.
 Byck, Harold T. (See Freetland, J. W., and Byck.)
 Byerly, Robert W., New York, N. Y. Method and apparatus for graphical computation for the solution of navigation problems and similar problems. 2,309,930; Feb. 2.
 Byers, A. M., Company. (See Story, Edward B., assignor.)
 Byers, John F. (See Musiek, G. N., and Byers.)
 Byers Machine Company. (See Ferguson, Berlin S., assignor.)
 Byler, Raymond E. (See Mills, L. D., Crowe, and Byler.)
 Bynum, Pink T., Beeville, Tex. Coring apparatus. 2,326,435; Aug. 10.
 Bynum, Pink T., Beeville, Tex. Fluid well perforator. 2,328,782; Sept. 7.
 Bynum, Pink T., assignor of three-sixteenths to J. R. Beasley, and one-eighth to I. B. O'Neil, Beeville, Tex. Coring apparatus. 2,326,827; Aug. 17.
 Byrd, Marie A., Boston, Mass. Container bag and outer garment. 2,317,176; Apr. 20.
 Byrkit, Gordon D. (See Davis, L. L., Lincoln, and Byrkit.)
 Byrkit, Gordon D. (See Lincoln, B. H., and Byrkit.)
 Byrkit, Gordon D. (See Lincoln, B. H., Steiner, and Byrkit.)
 Byrkit, Gordon D., assignor to Continental Oil Company, Ponca City, Okla. Addition agent for lubricating oils. 2,309,336; Jan. 26.
 Byrne, Francis G. (See Bent, F. A., and Byrne.)
 Byrne, Hugh J., Oakland, Calif. Automatic machine speed control mechanism. 2,321,455; June 8.
 Byrne, John F., assignor to Collins Radio Company, Cedar Rapids, Iowa. Broadcasting system. 2,313,048; Mar. 9.
 Byrne, Julius L., Detroit, Mich. Door construction. 2,328,326; Aug. 31.
 Byrne, Paul F., West Caldwell, N. J., assignor to Federal Telephone and Radio Corporation. Short-wave keying device. 2,321,456; June 8.
 Byrne, William E., Los Angeles, Calif. Locking device. 2,331,105; Oct. 5.
 Byrnes, Clarence P., trustee. (See James, Joseph H., assignor.)
 Byrns, Alva C., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Production of organic sulphur compounds. 2,309,337; Jan. 26.
 Byrns, Alva C., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Production of ketones. 2,315,046; Mar. 30.
 Byrns, Alva C., assignor to Union Oil Company of California, Los Angeles, Calif. Desulphurizing catalyst. 2,325,033; July 27.
 Byrns, Alva C., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Desulphurizing petroleum fractions. 2,325,034; July 27.
 Byron Jackson Co. (See Blom, Carl, assignor.)
 Byron Jackson Co. (See Grau, H. E., and Lundeen, assignors.)
 Byron Jackson Co. (See Hamby, Allen E., assignor.)
 Byron Jackson Co. (See Hertel, Richard K., assignor.)
 Byron Jackson Co. (See Lundeen, Chester A., assignor.)
 Byron Jackson Co. (See Nicolson, G. F., and Hertel, assignors.)
 Byron Jackson Co. (See Snyder, L. L., and Hollander, assignors.)
 Byus, Vere, and E. D. Spangler, Gary, Ind. Cold-rolling steel strip or sheet. 2,330,469; Sept. 28.
 C. Lorenz Aktiengesellschaft. (See Raumbach, Georg, assignor.)
 Cabarocruz y Ayala, David, Habana, Cuba. Metallurgical furnace. 2,317,252; Apr. 20.
 Cabot, Deane A., Saco, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Spindle brake mechanism. 2,320,565; June 1.
 Cabot, Godfrey L., Inc. (See Billings, E., and Offutt, assignors.)
 Cabot, Godfrey L., Inc. (See Brown, O. J., Jr., and Smith, assignors.)
 Cabot, Samuel, Jamaica Plain, assignor to Samuel Cabot, Inc., Boston, Mass. Preparing pigment material. 2,321,007; June 8.
 Cabot, Samuel, Inc. (See Cabot, Samuel, assignor.)
 Cabral, Jose B., New Bedford, Mass. Combined curtain and shade bracket. 2,321,733; June 15.
 Caddell, James H., Richmond, Va. Oil gauge. 2,309,497; Jan. 26.
 Cadham, Joseph G., Hampstead, Quebec, Canada, assignor to Canadian Industries Limited, Ammanville. 2,336,065; Dec. 7.
 Cadous, Elmer, New York, N. Y. Lady's wearing apparel. 2,334,311; Nov. 16.
 Caduff, John G., Cleveland, Ohio. Air conditioning apparatus. 2,337,644; Dec. 28.
 Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. License plate holder and lamp assembly. 2,314,326; Mar. 23.
 Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle body. 2,324,677; July 20.
 Cadwallader, Robert, Detroit, and J. J. Chika, Berkley, assignors to Chrysler Corporation, Highland Park, Mich. Combined bumper and grille. 2,320,874; Sept. 21.
 Cadwell, Leon L. (See Williams, B. E., and Cadwell.)
 Cadwell, Leon L., assignor to Industrial Patents Corporation, Chicago, Ill. Meat treatment. 2,337,645; Dec. 28.
 Cady, E. L., Engineering Company, The. (See Cady, Ernest L., assignor.)
 Cady, Ernest L., Hartford, assignor to The E. L. Cady Engineering Company, West Hartford, Conn. Card clothing. 2,316,557; Apr. 13.
 Caesar, George V. (See Thompson, T. D., and Caesar.)
 Caesar, Orville S., Barrington, Ill., and B. F. Monroe, Roscoe, Calif., assignors to Tropic-Aire, Incorporated, Chicago, Ill. Twin or individual chair or seat structure. 2,335,234; Nov. 30.
 Cagarelli, Nicholas, Jr., Buffalo, N. Y. Fluid velocity indicator. 2,328,546; Sept. 7.
 Caffrey, Charles S., Port Washington, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Web applying device. 2,334,160; Nov. 16.
 Cage, James, Valley Stream, N. Y., assignor to Reynolds Metals Company, Richmond, Va. Fireproof shipping container. 2,322,345; June 22.
 Cahill, Arthur T., Weehawken, N. J. Means for generating music electrically. 2,308,051; Jan. 12.
 Cahill, John F., administrator de bonis non. (See Riviere, Albert S.)
 Cahill, John J., assignor to Mutual Machine Company, New York, N. Y. Selective plating machine. 2,323,896; July 13.
 Cahn, Frank J. (See Katzman, M., and Cahn.)
 Cahn, Frank J. (See Katzman, M., Cahn and Epstein.)
 Cahn, Jack. (See Blaubeer, H., and Cahn.)
 Cahoon, Edward E., Racine, Wis. Conveyor mechanism. 2,336,066; Dec. 7.
 Cain, Frank, Park Ridge, Ill. Air conditioning apparatus. 2,336,066; Dec. 7.
 Cain, Gordon A. (See Chatelain, J. B., and Cain.)
 Cain, Gordon A. (See Chatelain, J. B., and Cain.)
 Cain, George C. (See Chase, H. S., and Cain.)
 Cairnes, William E., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Radio apparatus. 2,315,315; Mar. 30.
 Cairns Corporation. (See Lermon, Basil, assignor.)
 Cairns Corporation. (See Lermon, B., and Wolf, assignors.)
 Cairns, Edward, Montclair, N. J. Hat blocking apparatus. 2,316,047; Apr. 6.
 Calabrese, Nerges. (See Andersson, Axel O., assignor.)
 Calabrese, Gio, New York, N. Y. Toy piston. 2,318,139; May 4.
 Calahan, Harold A., Rye, N. Y. Heaving line device. 2,330,470; Sept. 28.
 Calavo Growers of California. (See Adams, Loyd, assignor.)

- Calaway, Kenneth G., assignor to The Akron Lamp & Manufacturing Company, Akron, Ohio. Valve construction. 2,309,338; Jan. 26.
- Calaway, Kenneth G., assignor to The Akron Lamp & Manufacturing Company, Akron, Ohio. Pump. 2,309,339; Jan. 26.
- Calbick, Chester J., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Method of and apparatus for reducing halo from fluorescent screens. 2,312,206; Feb. 23.
- Calbick, Chester J., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,332,622; Oct. 26.
- Calciago, Ambrose, Portland, Oreg. Garbage receptacle. 2,308,826; Jan. 12.
- Calcott, William S., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of acid halides. 2,335,259; Nov. 30.
- Caldemeyer, Daniel H., Evansville, Ind. Reclining chair. 2,308,644; Jan. 19.
- Calderazzo, Dominick J., Brooklyn, N. Y. Making shoes and slippers. 2,320,406; June 1.
- Calderazzo, Dominick J., Dolgeville, N. Y. Preparing heel templates for heel turning machines. 2,323,453; July 6.
- Calderno, Cincetta, administrator, et al. (See D'Annunzio, Alfred.)
- Caldora, Armand, Brooklyn, N. Y. Hair curler. 2,319,658; May 18.
- Caldwell, Andrew, Ballston Lake, and V. A. Elliott, Schenectady, N. Y., assignors to General Electric Company. Elastic fluid generator. 2,312,876; Mar. 2.
- Caldwell, Charles W., Johannesburg, Transvaal, Union of South Africa. Hand-brake lever. 2,311,208; Feb. 16.
- Caldwell, Eugene, Whitefish Bay, assignor to Wrought Washer Mfg. Co., Milwaukee, Wis. Counter operating mechanism and control. 2,318,372; May 4.
- Caldwell, Frank W. (See Martin, E., and Caldwell.)
- Caldwell, Frank W., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Counter-rotating propeller. 2,312,624; Mar. 2.
- Caldwell, Frank W., Hartford, E. Martin, West Hartford, and J. E. Anderson, Portland, assignors to United Aircraft Corporation, East Hartford, Conn. Controllable-pitch aeronautical propeller. 2,308,488; Jan. 19.
- Caldwell, Harry E. (See Tuthill, H. B., and Caldwell.)
- Caldwell, Oliver, assignor, by mesne assignments, to Oliver Machinery Company, Grand Rapids, Mich. Label attaching machine. 2,326,436; Aug. 10.
- Caldwell, Harry J., assignor to Barnes Drill Co., Rockford, Ill. Honing machine. 2,322,346; June 22.
- Caldwell, John A. (See Side, F. W., and Caldwell.)
- Caldwell, John A., assignor to The Brown Instrument Company, Philadelphia, Pa. Instrument casing. 2,319,845; May 25.
- Caldwell, John R. (See Richardson, O., Gussow, and Caldwell.)
- Caldwell, John R., and W. A. Gussow, Birmingham, Ala., assignors to Southern States Equipment Corporation. Electric switch. 2,334,313; Nov. 16.
- Caldwell, Joseph M., Burbank, Calif. Engine. 2,332,056; Oct. 19.
- Caldwell Manufacturing Co., The. (See Tappan, Dewitt, assignor.)
- Caldwell, Samuel H., Belmont, Mass., J. J. Jaeger, West Hartford, Conn., and R. Taylor, Great Neck, N. Y., assignors to Niles-Bement-Pond Company, West Hartford, Conn. Tracer for electrically controlled machine tools. 2,313,989; Mar. 16.
- Caldwell, Wallace L. (See Meiner, Carl F., assignor.)
- Caldwell, Walter C., assignor to The George E. Failing Supply Company, Enid, Okla. Drill pipe joint. 2,313,861; Mar. 16.
- Caldwell, Walter T., assignor to The George E. Failing Supply Company, Enid, Okla. Drilling machine. 2,334,312; Nov. 16.
- Caldwell, William J., Independence, Mo. Centrifugal fan. 2,335,734; Nov. 30.
- Calet, Arthur B. (See Francfort, Alfred H., assignor.)
- Calhoun, Florian V. (See Schelling, J. C., Hunter, Housekeeper, and Calhoun.)
- Calhoun, Gordon M., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Ammunition. 2,327,867; Aug. 24.
- Calhoun, James C., New Haven, W. L. Davidson, Westport, Conn., and K. J. Hansen, Forest Hills, N. Y., assignors to Western Cartridge Company, East Alton, Ill. Display stand for flashlights. 2,307,992; Jan. 12.
- Calhoun, James J., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial silk dry spinning apparatus. 2,327,399; Aug. 24.
- Calhoun, John M. (See Swan, D. R., and Calhoun.)
- Calhoun, Ralph E., Metaline Falls, Wash. Reconditioning drill bits. 2,326,520; Aug. 10.
- Calhoun, Ralph F., Metaline Falls, Wash. Reconditioning drill bits. 2,326,521; Aug. 10.
- Calhoun, Van B., and K. C. Laughlin, Baton Rouge, La., assignors to Standard Oil Development Company. Isomerization process. 2,324,762; July 20.
- Calico Printers' Association Limited. (See Lantz, L. A., and Roman, assignors.)
- California Cedar Products Company. (See Wilcox, William H., assignor.)
- California Flaxseed Products Company. (See Lasher, Edward A., assignor.)
- California Fruit Growers Exchange. (See Collins, Frank H., assignor.)
- California Institute Research Foundation. (See Atkinson, Spencer R., assignor.)
- California Machinery & Supply Co. (See Vanderpool, Albert G. H., assignor.)
- California Pacific Service, Inc. (See Collins, Calhoun, assignor.)
- California Packing Corporation. (See Russell, Clyde D., assignor.)
- California Portland Cement Company. (See Hanna, W. C. H. E. Kaiser and A. Harvey, assignors.)
- California Walnut Growers' Association. (See Stevens, Le Roy L., assignor.)
- Caligari, Eugene, Jr., Norfolk, Va. Applying polished coatings to sheet units. 2,311,518; Feb. 16.
- Calkins, Austin E., Westfield, N. J., assignor to Standard Oil Development Company. Grease manufacture. 2,318,668; May 11.
- Calkins, Austin E., Westfield, N. J., assignor to Standard Oil Development Company. Lubricating grease manufacture and apparatus therefor. 2,332,202; Oct. 19.
- Calkins, Claude C. (See Domrese, H., Calkins, and Hunt.)
- Calkins, Claude C. (See Williams, Sylvester J., assignor.)
- Calkins, Claude C., and L. A. Hunt, Spokane, Wash., assignors to Calkins Manufacturing Company. Rotary rod weeder. 2,323,452; July 6.
- Calkins Manufacturing Company. (See Calkins, C. C., and Hunt, assignors.)
- Calkins Manufacturing Company. (See Domrese, H., Calkins, and Hunt, assignors.)
- Calkins, William G., Detroit, assignor to Chrysler Corporation, Detroit, Mich. Composite porous metal article. 2,337,588; Dec. 28.
- Cal-Ku-Scope Inc. (See Harris, Albert T., assignor.)
- Callan, Edward A., New York, N. Y. Electrically operated smoke producer. 2,324,359; July 13.
- Callan, Terence J., Park Ridge, and V. L. Erickson, assignors to Welmaid Products, Chicago, Ill. Clothes hamper. 2,319,384; May 18.
- Callander, Delmar W., Hamilton, Ontario, Canada, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer mounting lug. 2,333,519; Nov. 2.
- Callaway, Carl B., et al. (See Cook, O. O., and Watson, assignors.)
- Callaway Mills. (See Parker, Joseph V., assignor.)
- 2,329,823; Sept. 21.
- Callender, Frank S., Detroit, Mich. Thermostatic storage battery control. 2,310,514; Feb. 9.
- Calleson, Amos. (See McManus, C. E., and Calleson, A. and E. A.)
- Calleson, Amos and E. A., Merrick, N. Y., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus for making containers. 2,337,182; Dec. 21.
- Calleson, Edgar A. (See Calleson, Amos and E. A.)
- Calleson, Edgar A. (See McManus, C. E., and Calleson, A. and E. A.)
- Callis, Conral C., Smoketown, assignor to Armstrong Cork Company, Lancaster, Pa. Manger. 2,310,200; Feb. 9.
- Callite Tungsten Corporation. (See Andrews, Elmer, assignor.)
- Callite Tungsten Corporation. (See Kurtz, Jacob, assignor.)
- Callite Tungsten Corporation. (See Lowit, Rudolf, assignor.)
- Calumet and Hecla Consolidated Copper Company. (See Hill, Walter P., assignor.)
- Calumet and Hecla Consolidated Copper Company. (See Tener, Edgar, assignor.)
- Calumet Machine Co. (See Schlumbrecht, J. J., assignor, and Allen.)
- Calvert, Bert S., Los Angeles, Calif. Splice for joints. 2,318,054; May 4.
- Calvert, Landon R., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Timing device for electric current. 2,319,385; May 18.
- Calvert, William C., assignor to Marbon Corporation, Gary, Ind. Laminated sheet material. 2,317,730; Apr. 27.
- Calvert, William C., Chicago, Ill., assignor to Wingfoot Corporation, Wilmington, Del. Rubber hydrochloride film. 2,319,918; May 25.
- Calvert, William C., Gary, Ind., assignor to Wingfoot Corporation, Wilmington, Del. Making rubber hydrochloride sheets and wrapping articles therein. 2,327,170; Aug. 17.
- Calvin, Forrest O., and W. G. Wilson, Kansas City, Mo., and T. R. Smith, Newton, Iowa, assignors to Movie-Mix Corporation, Kansas City, Mo. Sound motion picture projector. 2,319,111; May 11.
- Cambridge Instrument Company, Limited. (See Marsh, Malcolm C., assignor.)

- Camburn, Elwyn A., Logan, Utah. Quick adjustable clamp. 2,312,955; Mar. 2.
- Camburn, Elwyn A., assignor to Lake State Products, Inc., Jackson, Mich. Steerable caster type rail wheel. 2,329,823; Sept. 21.
- Camden Trust Company, et al., trustee. (See Bateman, F. H., and Trolley.)
- Camelford, James A. (See Burwell, A. W., and Camelford.)
- Camelford, James A. (See Dunmire, R. P., and Camelford.)
- Cameron, Allan M., assignor to Cameron Can Machinery Co., Chicago, Ill. Die press attachment. 2,330,554; Sept. 28.
- Cameron, Allan M., assignor to Cameron Can Machinery Co., Chicago, Ill. Stop motion mechanism for die presses. 2,330,555; Sept. 28.
- Cameron Can Machinery Co. (See Cameron, Allan M., assignor.)
- Cameron, Carl E. (See Hansen, H. A., and Perot, assignors.)
- Cameron, Charles A. (See Diller, A. L., and Cameron.)
- Cameron Iron Works. (See Allen, Herbert, assignor.)
- Cameron Iron Works. (See Allen, H., and Beau, assignors.)
- Cameron Iron Works. (See Bean, R. N., and Allen, assignors.)
- Cameron Iron Works. (See Lorch, E. L., and Allen, assignors.)
- Cameron Machine Company. (See Carter, Thomas N., assignor.)
- Cameron Machine Company. (See Stocker, William M., assignor.)
- Cameron, Mortimer B., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Locking device for clutch control mechanisms. 2,329,743; Sept. 21.
- Cameron, Shelton T., Washington, D. C., assignor, by mesne assignments, to Minerals Beneficiation Incorporated, Joplin, Mo. Separating air particles in gravity separating mediums. 2,309,931; Feb. 2.
- Cameron, Stuart L., St. Paul, Minn., assignor to Mechanite Metal Corporation, Foundry mold insert and making castings. 2,313,517; Mar. 9.
- Cameron, Walter C., and R. H. Morton, Braintree, assignors to Conduits Limited, London, England. Treatment of textile materials. 2,318,461; May 4.
- Cameron, William J., Chicago, Ill. Cavity inspection device. 2,325,831; Aug. 3.
- Camerota, Louis A., Burlington, assignor to Florence Pipe Foundry & Machine Company, Florence, N. J. Throttle valve. 2,324,360; July 13.
- Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Electromagnetic induction apparatus. 2,312,073; Feb. 23.
- Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Transformer. 2,316,558; Apr. 13.
- Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Electric induction apparatus. 2,321,106; Oct. 6.
- Caminetz, Harold, Kew Gardens, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Shrink connection, particularly for tubular members. 2,311,329; Feb. 16.
- Canmer, Hilding G., Ektorp near Stockholm, assignor to Aktiebolaget Atlas Diesel, Stockholm, Sweden. Two cycle engine governing control. 2,330,866; Oct. 5.
- Camp, Albert T., Belvidere, N. J., assignor to Hercules Powder Company, Wilmington, Del. Preparing coating compositions. 2,321,127; June 8.
- Camp, Eugene V., Atlanta, Ga. Highway guard rail. 2,313,220; Mar. 9.
- Camp, Joseph O., Oak Park, Ill. Internal combustion engine. 2,326,329; Aug. 10.
- Camp, Percy B., Maywood, and H. E. Bartsch, Chicago, Ill., assignors to Universal Railway Devices Company. Hand brake. 2,318,569; May 4.
- Camp, Percy B., Maywood, and H. E. Bartsch, Chicago, Ill., assignors to Universal Railway Devices Company. Railway brake. 2,323,200; June 29.
- Camp, William M., Glen Ridge, assignor to The Clark Thread Company, Newark, N. J. Plastic traveler. 2,326,828; Aug. 17.
- Camp, William M., Glen Ridge, assignor to The Clark Thread Company, Newark, N. J. Plastic traveler. 2,326,829; Aug. 17.
- Camp, William M., Glen Ridge, assignor to The Clark Thread Company, Newark, N. J. Plastic traveler. 2,326,830; Aug. 17.
- Camp, William M., Glen Ridge, assignor to The Clark Thread Company, Newark, N. J. Plastic traveler. 2,326,831; Aug. 17.
- Camp, William M., Glen Ridge, assignor to The Clark Thread Company, Newark, N. J. Plastic traveler. 2,326,832; Aug. 17.
- Camp, William M., Glen Ridge, assignor to The Clark Thread Company, Newark, N. J. Plastic traveler. 2,326,833; Aug. 17.
- Camp, William M., Glen Ridge, assignor to The Clark Thread Company, Newark, N. J. Plastic traveler. 2,326,834; Aug. 17.
- Camp, William M., Glen Ridge, assignor to The Clark Thread Company, Newark, N. J. Composite strand material. 2,335,644; Nov. 30.
- Campbell, Albert B., assignor to Campbell Products Co., Chicago, Ill. Lather producing machine. 2,323,377; July 6.
- Campbell, Alvin A. (See Noble, R. H., and Campbell.)
- Campbell, Alvin A., Hackettstown, N. J. Saluting tube. 2,323,306; July 6.
- Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Hatch for railway car roofs. 2,309,237; Jan. 26.
- Campbell, Argyle M. (See Mitton, R. E., and Campbell.)
- Campbell, Bowen, Des Moines, Iowa. Portable drier. 2,313,559; Apr. 13.
- Campbell, Clara E., Kansas City, Mo. Combined chair, chaise longue, and bed. 2,307,908; Jan. 12.
- Campbell, Claude M. (See Brown, G. M., and Campbell.)
- Campbell, Donald J., Spring Lake, Mich. Casting metals. 2,312,798; Mar. 2.
- Campbell, Donald J., Spring Lake, Mich. Producing artillery projectile bodies. 2,314,342; Mar. 23.
- Campbell, Donald J., Spring Lake, Mich. Casting metal. 2,314,839; Mar. 23.
- Campbell, Donald J., Spring Lake, Mich., assignor to Islay Investment Incorporated. Speed control device for motor vehicles. 2,336,447; Dec. 7.
- Campbell, Donald J., and W. H. Loftus, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of bleach baths of high alkalinity. 2,333,916; Nov. 9.
- Campbell, Donald J., Niagara Falls, N. Y., and F. LeR. Pennell, Rumford, R. I., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile treating process. 2,334,066; Nov. 9.
- Campbell, Erwin A. (See Woolsey, H. J., Campbell, and Jenkins.)
- Campbell, Frank D., Chicago, Ill. Transmission. 2,332,436; Oct. 19.
- Campbell, Fred R., Boston, Mass. X-ray fluoroscopic and radiographic apparatus. 2,323,704; June 6.
- Campbell, Gerald A., Laundry, assignor of one-half to Fisher & Ludlow Limited, Birmingham, England. Liquid discharge appliance. 2,331,373; Oct. 12.
- Campbell, George H., et al., executors. (See Smith, John C.)
- Campbell, Harold C., Ashley, assignor to The Ashley Machine Company, Piqua, Ohio. Poultry picking machine. 2,311,367; Feb. 16.
- Campbell, Harris S., Bryn Athyn, assignor to Autogiro Company of America, Willow Grove, Pa. Rotative winged aircraft. 2,321,572; June 15.
- Campbell, Harris S., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Multitrotor aircraft. 2,330,204; Sept. 28.
- Campbell, Harry C., Bowling Green, Ohio. Collapsible horse. 2,312,956; Mar. 2.
- Campbell, Henry H., Cleveland, Ohio. Key holder. 2,322,920; June 29.
- Campbell, Hobart T. (See Beeton, E. E., and Campbell.)
- Campbell, James A., assignor to Kewanee Manufacturing Company, Adrian, Mich. Sandstone product. 2,333,151; Nov. 2.
- Campbell, James K., New York, N. Y. Motor driven shaver. 2,314,073; Mar. 16.
- Campbell, James R., Altadena, Calif., assignor to The H. A. Wilson Company, Newark, N. J. Thermo-responsive device. 2,310,934; Feb. 16.
- Campbell, James R., Glendora, Calif., assignor to General Electric Company. Measuring and control method and apparatus. 2,324,821; July 20.
- Campbell, John A., Pittsburgh, Pa. Conveying apparatus. 2,331,374; Oct. 12.
- Campbell, John F., Detroit, Mich., assignor to George M. and E. Holley, Air venturi. 2,332,694; Oct. 26.
- Campbell, John G., Houston, assignor to R. H. Fash, trustee, Fort Worth, Tex. Analysis of soil samples for determining oil content. 2,311,151; Feb. 16.
- Campbell, John G., Houston, assignor to Ralph H. Fash, Fort Worth, Tex., as trustee. Determining suitable areas for oil exploration. 2,329,824; Sept. 21.
- Campbell, John W. (See Brewer, R. J., and Campbell.)
- Campbell, Joseph, Jr., West Brighton, Staten Island, N. Y. Tooth powder dispenser. 2,315,244; Mar. 30.
- Campbell, Julian A., Long Beach, Calif. Gauge strip. 2,313,920; Mar. 16.
- Campbell, Maceo S., Detroit, Mich. Traffic signal. 2,312,074; Feb. 23.
- Campbell, Nelson S., Greenwich, Conn. False twisting apparatus. 2,307,821; Jan. 12.
- Campbell, Nelson S., Brookline, Mass. Reversing mechanism. 2,322,221; Mar. 9.
- Campbell, Oliver F., Whiting, Ind., assignor to Sinclair Refining Company, New York, N. Y. Fuel burner. 2,334,314; Nov. 16.
- Campbell, Paul F., Saginaw, Mich., assignor, by mesne assignments, to Casco Products Corporation, Bridgeport, Conn. Coffee brewer. Re. 22,291; Mar. 23.
- Campbell, Paul J. (See Hershey, D. S., and Campbell.)
- Campbell Products Co. (See Campbell, Albert B., assignor.)
- Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Communication system. 2,317,358; Apr. 27.
- Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Communication system. 2,323,307; July 6.

- Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Communication system. 2,326,616; Aug. 10.
- Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Communication system. 2,326,617; Aug. 10.
- Campbell, Rodney B., assignor to J. Eley, Jr., Los Angeles, Calif. Regulating valve. 2,310,667; Feb. 9.
- Campbell, Rodney B., North Hollywood, assignor to J. Eley, Jr., Los Angeles, Calif. Emergency cut-over valve. 2,312,686; Mar. 2.
- Campbell, Rodney B., North Hollywood, assignor to J. Eley, Jr., Los Angeles, Calif. Fluid pressure regulating valve. 2,312,877; Mar. 2.
- Campbell, Rodney B., assignor to John Eley, Jr., Los Angeles, Calif. Brake valve. 2,317,846; Apr. 27.
- Campbell, Rouel R., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Control mechanism. 2,309,749; Feb. 2.
- Campbell, Rouel R., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for severing rods. 2,325,978; May 13.
- Campbell, Rouel R., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening pulling machine. 2,333,700; Nov. 9.
- Campbell Soup Company. (See Duerig, Alfred E., assignor.)
- Campbell, Talmage D., Ocala, Fla. Paint can handle and brush wiping attachment. 2,320,262; May 25.
- Campbell, Thaddeus C., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Retractable wheel assembly. 2,320,407; June 1.
- Campbell, Thomas, Jackson Heights, N. Y. Securing device for coffee percolator glass tops. 2,308,153; Jan. 12.
- Campbell, Vincent D., Rocky Hill, and C. H. Wise, assignors to Hartford-Empire Company, Hartford, Conn. Reversing means for regenerative furnaces. 2,310,392; Feb. 9.
- Campbell, Walter E., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Treatment of glass surfaces. 2,327,863; Aug. 24.
- Campbell, William B., Tulsa, Okla., assignor to The Dow Chemical Company, Midland, Mich. Treatment of wood. 2,302,114; Jan. 12.
- Campbell, William E., Jr., Whittier, Calif., assignor to Carbide and Carbon Chemicals Corporation. Vinyl resin coating composition. 2,329,456; Sept. 14.
- Campbell, William P., Newark, assignor to Hercules Powder Company, Wilmington, Del. Dehydroabietal and producing. 2,310,976; May 25.
- Campbell, William P., Newark, Del., assignor to Hercules Powder Company, Wilmington, Del. Dehydroabietane and producing. 2,331,596; Oct. 12.
- Campen, Carl A., University City, Mo. Lighting fixture for show windows. 2,335,735; Nov. 30.
- Campen, Carl A., University City, Mo. Lighting fixture for store rooms. 2,335,736; Nov. 30.
- Campen, Carl A., University City, Mo. Rimless lighting fixture. 2,335,737; Nov. 30.
- Campfield, Allen C. (See Lee, J. O., and Campfield.)
- Campiglia, Clementine F., assignor to Douglas Aircraft Company, Incorporated, Santa Monica, Calif. First-aid kit. 2,324,194; July 13.
- Campodonico, Carlo, Genoa, Italy; vested in the Allen Property Custodian. Fire alarm device. 2,308,911; Jan. 19.
- Campo, Louis H., New York, N. Y. Vanity kit. 2,331,764; Oct. 12.
- Canac, Louis H. F., and E. A. M. A. Segol, Toulon, Var, assignors to Société "Alliages Autoprotèges," Paris, (Seine), France. Alloy. 2,310,214; Feb. 9.
- Canada Paper Company. (See Robinson, E. K., and Bagmail, assignors.)
- Canadian-American Pharmaceutical Company. (See Connell, Hendry C., assignor.)
- Canadian Cellulose Products Company Limited. (See Laflamme, Rene M., assignor.)
- Canadian Copper Refiners Limited. (See Clark, Charles W., assignor.)
- Canadian Industries Limited. (See Cadham, Joseph G., assignor.)
- Canadian Industries Limited. (See McHaffie, Ivan R., assignor.)
- Canal National Bank of Portland, trustee, The. (See Sawyer, Edward E., assignor.)
- Candil Camera Corporation of America. (See Dunn, Henry S., assignor.)
- Candor, Robert R., assignor to General Motors Corporation, Dayton, Ohio. Air conditioning apparatus. 2,309,185; Jan. 26.
- Candor, Robert R., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,325,658; Aug. 3.
- Candor, Robert R., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,331,535; Oct. 12.
- Candy, Albert T., Jr., assignor to Candy & Company, Chicago, Ill. Candle holder. 2,316,837; Apr. 20.
- Candy & Company. (See Candy, Albert T., Jr., assignor.)
- Canepa, Angel. (See Canepa, L., and A.)
- Canepa, Luis, and A. Canepa, Santiago, Chile. Traffic controlling semaphore. 2,327,400; Aug. 24.
- Canetta, John, Wilkinsburg, and P. N. Bossart, Cheswick, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Apparatus for detecting rate of change of speed. 2,321,992; June 15.
- Canetta, John, Wilkinsburg, and J. B. Grosswege, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Remote control device. 2,324,904; July 20.
- Canetta, John, Wilkinsburg, and P. N. Bossart, Cheswick, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Apparatus for detecting relation of speeds of two different elements. 2,334,863; Nov. 23.
- Cannfield, Richard W., assignor to Clemson Bros., Inc., Middletown, N. Y. Drive mechanism. 2,330,677; Sept. 23.
- Canish, Rosario. (See Chinnici, M., and Canish.)
- Cann, John A., Bickley, assignor to Turner & Newall Limited, Spotland, Rochdale, England. Apparatus for curing asbestos-cement pipes. 2,329,184; Sept. 14.
- Cann, John A., Bickley, assignor to Turner & Newall Limited, Spotland, Rochdale, England. Asbestos cement pipe-forming machine. 2,334,807; Nov. 23.
- Cannoy, Arthur W. (See Wamnes, L. B., Stott, and Canney.)
- Canning, William P., assignor to American Optical Company, Southbridge, Mass. Lens surfacing device. 2,325,740; Aug. 3.
- Canning, William P., assignor to American Optical Company, Southbridge, Mass. Honing device. 2,337,183; Dec. 21.
- Cannon, Earl, Rockville Centre, assignor to E. W. Bliss Company, Brooklyn, N. Y. Press. 2,317,440; Apr. 27.
- Cannon, Earl, Rockville Centre, assignor to E. W. Bliss Company, New York, N. Y. Apparatus for controlling the slide movement in long-bed hydraulic presses. 2,328,258; Aug. 31.
- Cannon, George E. (See Teague, J. U., and Cannon.)
- Cannon, George E., Houston, Tex., assignor to Standard Oil Development Company. Drilling mud. 2,336,595; Dec. 14.
- Cannon, Henry W., Jr., Rockwood, Maine. Fishing rod holder. 2,312,957; Mar. 2.
- Cannon, Philip D. (See Brown, G. B., and Cannon.)
- Cannon Shoe Company. (See Carfagno, Thomas F., assignor.)
- Canon, Arthur B., Houston, Tex. Cementing wells. 2,316,402; Apr. 13.
- Canon, Hartman B., Deerfield, and J. L. Swallow, Lombard, assignors of one-half to Wells-Gardner & Co. and one-half to Gard-Well Co., Inc., Chicago, Ill. Emergency transmitter. 2,310,017; Feb. 2.
- Cantacuzene, Georges S., Paris, France, vested in the Allen Property Custodian. Process and device for storing liquids sheltered from air. 2,313,191; Mar. 9.
- Canter, Morris, New York, N. Y. Tag seal. 2,311,152; Feb. 16.
- Canter, Morris, New York, N. Y. Hand compression die for collapsing metal seals. 2,336,528; Dec. 14.
- Cantlin, Clyde C., assignor of one-half to H. M. Oliver, Long Beach, Calif. Apparatus for cementing wells. 2,335,337; Nov. 30.
- Cantley, Joseph C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sole fitting machine. 2,334,248; Nov. 16.
- Cantor, Daniel, Jersey City, N. J. Blackout lamp. 2,321,008; June 8.
- Cantor, Jacob J., Los Angeles, Calif. Vacuum breaker. 2,332,695; Oct. 26.
- Cantor, Sidney M., Riverside, Ill., assignor to Corn Products Refining Company, New York, N. Y. Starch conversion process. 2,328,191; Aug. 31.
- Cantral, John I. (See Silver, W. H., and Cantral.)
- Cantral, John I., assignor to Deere & Company, Moline, Ill. Toolholder. 2,337,026; Dec. 21.
- Cantrell, Cyrus D., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Sampling apparatus. 2,308,625; Feb. 2.
- Cantrell, Cyrus D., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Coring apparatus. 2,315,590; Apr. 6.
- Cantrell, Marvin L., and F. J. Shray, Pueblo, assignors to The Colorado Fuel and Iron Corporation, Denver, Colo. Rail fastening tool. 2,312,026; Feb. 23.
- Cantrell, Marvin L., and O. A. Hed, Pueblo, assignors to The Colorado Fuel and Iron Corporation, Denver, Colo. Method and apparatus for punching the plates. 2,332,499; Oct. 26.
- Cantrell, Peter T. (See Smith, Alton P., assignor.)
- Cantzier, Adolf. (See Mueller-Cunradi, M., Cantzier, and Krekeler.)
- Cantzier, Adolf, and H. Krekeler, Mannheim, Germany, assignors to Standard Catalytic Company. Production of paraffin-olefine mixtures. 2,315,499; Apr. 6.
- Capay, Norberto, Victorias, Philippine Islands; vested in the Allen Property Custodian. Turnplate for cane sugar mills. 2,314,074; Mar. 16.
- Cape, Arthur T., Santa Cruz, Calif., assignor to Coast Metals, Inc., Canton, Ohio. Ferrous alloy. 2,313,420; Mar. 9.
- Cape, Arthur T., Santa Cruz, Calif., assignor to Coast Metals, Inc., Canton, Ohio. Ferrous alloy. 2,337,083; Dec. 21.

- Cape, Arthur T., and A. Gaxiola, Santa Cruz, Calif., assignors to Coast Metals, Inc., Canton, Ohio. Method of forming heat resistant ferrous alloys. 2,319,977; May 23.
- Cape Cod Instrument Company. (See Limb, Marcus G., assignor.)
- Capelhart, Homer E. (See Collison, Edward E., assignor.)
- Capelhart, Homer E. (See Collison, E. E., and Lannert, assignors.)
- Capell, Robert G. (See Fitz Simons, O., and Capell.)
- Capewell Manufacturing Company, The. (See Morgan, Porter S., assignor.)
- Capitol Renewable Fuse Company. (See Mervin, Harry W., assignor.)
- Caplan, Solomon, New York, N. Y., assignor to The Harvel Corporation. Mixed ether esters of cashew nutshell liquid and preparation. 2,310,146; Feb. 2.
- Caplan, Solomon, New York, N. Y., assignor to The Harvel Corporation. Polymerized cardanol. 2,317,585; Apr. 27.
- Caplan, Solomon, New York, N. Y., assignor to The Harvel Corporation. Rubberlike products from derivatives of cashew nut shell liquid and producing the same. 2,317,586; Apr. 27.
- Caplan, Solomon, New York, N. Y., assignor to The Harvel Corporation. Polymerization-furfuraldehyde condensation product of cashew nut shell liquid distillation residue and method. 2,317,587; Apr. 27.
- Caplan, Solomon, New York, N. Y., assignor to The Harvel Corporation. Floor covering and making the same. 2,323,118; June 20.
- Capp, William R., Evanston, Ill., and R. I. Thrune, assignors to The Dow Chemical Company, Midland, Mich. Casting magnesium. 2,330,111; Sept. 21.
- Capp, Leslie John. (See Bourne, H. K., and Capp.)
- Cappel, Macdonald and Company. (See Donovan, Edward R., assignor.)
- Cappellanti, Harry, assignor of one-third to F. E. Christopher, one-sixth to P. S. Davis and one-sixth to C. M. Davis, Morgantown, W. Va. Trolley clamp. 2,329,391; Sept. 14.
- Capps, Frank L., New York, N. Y. Sound reproducing stylus. 2,328,589; Sept. 16.
- Capps, Frank L., Jacksonville, Fla. Cable reel for mine swags. 2,331,763; Oct. 12.
- Capps, Sidney E., Jefferson City, assignor of one-half to C. P. Owens, Springfield, Mo. Sign support. 2,324,820; July 20.
- Capstaff, John G., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Method and optical system for color processes. 2,321,993; June 15.
- Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Sensitometry. 2,326,007; Aug. 3.
- Caraway, John B., Jr., Newark, N. J., assignor to Evansville on the Air, Inc., Evansville, Ind. Radio signaling system. 2,321,651; June 15.
- Carberry, Robert V., Douglaston, assignor to J. C. Penney Company, New York, N. Y. Manufacture of rubber coats for wear. 2,308,686; Jan. 19.
- Carbide and Carbon Chemicals Corporation. (See Briggmann, George F., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Broderick, Aubrey E., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Campbell, William E., Jr., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Carnes, Herman W., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Caruthers, Thomas F., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Caruthers, T. F., and Stoops, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Clark, J. W., and Wilson, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Cox, H. L., and Plewes, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Domizi, Darlo, assignor.)
- Carbide and Carbon Chemicals Corporation. (See Doolittle, Arthur E., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Felbeck, George T., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Goodman, Henry G., Jr., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Harshberger, Norman P., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Jehle, Leon P., assignor.)
- Carbide and Carbon Chemicals Corporation. (See MacDowell, L. G., and Chitwood, assignors.)
- Carbide and Carbon Chemicals Corporation. (See MacDowell, L. G., and McNamee, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Murray, L. L., and Roberts, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Pierson, R. C., and Scheppman, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Powell, George M., III, assignor.)
- Carbide and Carbon Chemicals Corporation. (See Quatlebaum, W. M., Jr., and Noffsinger, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Quatlebaum, W. M., Jr., and Young, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Rugeley, Edward W., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Schuh, Charles H., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Scott, R. F., and Plewes, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Smith, Carleton N., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Staff, Charles E., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Staff, E., and Stoops, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Stoops, W. N., and Denison, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Strother, Corneille O., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Wassell, Helen E., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Wheeler, William E., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Wilson, Alexander L., assignor.)
- Carbide and Carbon Chemicals Corporation. (See Wilkes, E. G., and Wassell, assignors.)
- Carbide and Carbon Chemicals Corporation. (See Yingve, Victor, assignor.)
- Carbon Monoxide Eliminator Corp. (See Bennett, Owen G., and Van Andel, assignors.)
- Carbonara, Victor E., Manhasset, N. Y., assignor to Square D Company, Detroit, Mich. Remotely indicating compass. 2,332,297; Oct. 19.
- Carbonic Control Corporation. (See Heisler, Glenn D., assignor.)
- Carborundum Company, The. (See Ball, A. L., Benner, and Melton, assignors.)
- Carborundum Company, The. (See Benner, Raymond C., assignor.)
- Carborundum Company, The. (See Benner, R. C., and Lannann, assignors.)
- Carborundum Company, The. (See Benner, R. C., and Melton, assignors.)
- Carborundum Company, The. (See Boyer, J. A., and Rose, assignors.)
- Carborundum Company, The. (See Buell, Halsey W., assignor.)
- Carborundum Company, The. (See Dahlstrom, E. P., and Horne, assignors.)
- Carborundum Company, The. (See Heythro, Albert H., assignor.)
- Carborundum Company, The. (See Houchins, Henry R., assignor.)
- Carborundum Company. (See Kirchner, Henry P., assignor.)
- Carborundum Company, The. (See McVullen, John C., assignor.)
- Carborundum Company, The. (See Melton, R. L., Ball, and Benner, assignors.)
- Carborundum Company, The. (See Melton, R. L., and Benner, assignors.)
- Carborundum Company, The. (See Robie, Norman P., assignor.)
- Carborundum Company, The. (See Swentzel, John P., assignor.)
- Carbuhn, Harold G., Napa, assignor of one-half to H. D. Holt, Stockton, Calif. Plant thinner. 2,337,646; Dec. 28.
- Carbur, Inc. (See Eglington, George F., assignor.)
- Card, Benjamin H. (See Black, Theron W., assignor.)
- Cardinal Corporation, The. (See Bauer, Charles A., assignor.)
- Cardona, Charles J. (See Livingston, Harold A., assignor.)
- Cardwell, Harland W., assignor to Cardwell Manufacturing Company, Inc., Wichita, Kans. Multispeed drive. 2,316,131; Apr. 6.
- Cardwell, James, Auburndale, assignor to Raytheon Production Corporation, Newton, Mass. Cathaphoretic deposition of insulating coatings. 2,307,018; Jan. 5.
- Cardwell Manufacturing Company. (See Cardwell, Harland W., assignor.)
- Careaga, Suzanne E., et al. (See Hawkins, Ioke M., assignor.)
- Caresio, John. (See Krueger, O. J., and Krueger.)
- Carew, Herman, Easton, Pa., assignor to Dixie-Vortex Company, Chicago, Ill. Paper dish and base therefor. 2,315,591; Apr. 6.
- Carew, Herman, Easton, Pa., assignor to Dixie-Vortex Company, Chicago, Ill. Paper cup. 2,333,090; Nov. 2.
- Carey, Charles A., Arlington, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Fluxing composition. 2,327,958; Aug. 24.
- Carey, Claude H., assignor to Atlas Powder Company, Wilmington, Del. Explosive composition. 2,333,637; Nov. 9.
- Carey, Hugh D., Syracuse, N. Y. Outdoor fireplace. 2,311,366; Feb. 16.
- Carey, Jay W. (See Wesley, Andrew and Carey.)
- Carey, Philip, Manufacturing Company, The. (See Crabbs, Roscoe B., assignor.)
- Carey, Philip, Manufacturing Company, The. (See Fasold, G. A., and Greider, assignors.)
- Carey, Philip, Manufacturing Company, The. (See Fischer, Albert C., assignor.)
- Carfa, A. G., Fabrik chemische-technischer Bureauaterialien. (See Dreyfus, Pierre A., assignor.)

- Carlagno, Thomas F., Hanover, Pa., assignor to Cannon Shoe Company, Baltimore, Md. Shoe sole punching die. 2,322,726; June 22.
- Carlie, Paul J., U. S. Navy. Adjustable jaw pliers. 2,325,035; July 27.
- Carll, William W., Madison, Wis., assignor to Ray-O-Vac Company. Leakproof dry cell. 2,315,592; Apr. 6.
- Carillo, Richard, and A. Napoletano, Brooklyn, N. Y. Dress trimming machine. 2,308,052; Jan. 12.
- Carillo, Richard, and A. Napoletano, Brooklyn, N. Y. Safety electric cutting and cleaning device for garments and the like. 2,332,557; Oct. 20.
- Carlington, June M., assignor to J. G. Sparking Plugs Limited, London, England. Sparking plug. 2,318,922; May 11.
- Carissimi, Louis C., Fairfield, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Dry shaver. 2,317,177; Apr. 20.
- Carissimi, Louis C., Fairfield, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Shaver head mounting. 2,331,453; Oct. 12.
- Carl, Leroy R., Buffalo, N. Y. Manufacture of nitrogen sulphide. 2,337,798; Dec. 28.
- Carlbeg, John E. (See Smith, G. C. and Carlbeg).
- Carlevaro, Joseph P. (See Juslin, V. E., and Carlevaro.)
- Carlile, Alfred E., Meadville, Pa., assignor to Talon, Inc. Method of and blank for making slide fasteners. 2,320,566; June 1.
- Carlile, Alfred E., Meadville, Pa., assignor to Talon, Inc. Automatic lock slider for slide fasteners. 2,322,826; June 29.
- Carlile, Alfred E., Meadville, Pa., assignor to Talon, Inc. Separating slide fastener. 2,325,305; July 27.
- Carlin, Herbert J., East Orange, and L. N. Crichton, deceased, by Crichton, C. Conon, administratrix, Livingston, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulator control equipment. 2,313,921; Mar. 16.
- Carlin, Herbert J., East Orange, and L. N. Crichton, late of Livingston, N. J., by Ruth M. Crichton, administratrix, Livingston, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical protective relay system. 2,333,520; Nov. 2.
- Carlin, James C., Norristown, assignor to Lee Rubber & Tire Corporation, Conshohocken, Pa. Building of tires. 2,332,987; Oct. 26.
- Carlin, James C., Norristown, assignor to Lee Rubber & Tire Corporation, Conshohocken, Pa. Apparatus for assembling tire plies. 2,337,447; Dec. 21.
- Carling Turbine Blower Co. (See Carlson, Axel W., assignor.)
- Carlisle, Richard W., Elmsford, and A. J. Mastropole, New York, assignors to Sonotone Corporation, Elmsford, N. Y. Earphone. 2,325,590; Aug. 3.
- Carliss, Oswald S., Fairfield, assignor to The Kron Company, Bridgeport, Conn. Weighing apparatus with overhead dial unit. 2,310,614; Feb. 9.
- Carliss, Oswald S., Fairfield, assignor to The Kron Company, Bridgeport, Conn. Dynamometer force measuring apparatus. 2,313,862; Mar. 16.
- Carliss, Oswald S., Fairfield, assignor to The Kron Company, Bridgeport, Conn. Bearing play control device. 2,313,863; Mar. 16.
- Carliss, Oswald S., Fairfield, assignor to The Kron Company, Bridgeport, Conn. Bearing construction for force measuring apparatus. 2,314,321; Mar. 16.
- Carliss, Oswald S., Fairfield, assignor to The Kron Company, Bridgeport, Conn. Portable force measuring apparatus. 2,321,652; June 15.
- Carl, Kenneth W., Boston, Mass. Cutting die. 2,313,801; Mar. 16.
- Carlo, Ralph, Tujunca, Calif. Self-adjusting book cover. 2,311,153; Feb. 16.
- Carlson, Johan F., Brooklyn, N. Y. Safety raft slip lock. 2,313,802; Mar. 16.
- Carlson, Leonard O. (See Wildhaber, E., and Carlson.)
- Carlson, Leonard O., assignor to Gleason Works, Rochester, N. Y. Producing gears. 2,337,275; Dec. 21.
- Carlson, Albert, Muskegon, Mich. Air cleaner. 2,321,653; June 15.
- Carlson, Arvid A., Syracuse, N. Y., and H. E. Kariz, Rutherford, N. J., assignors to Carrier Corporation, Syracuse, N. Y. Method of enlarging tube ends. 2,330,556; Sept. 28.
- Carlson, Axel W., assignor to Carling Turbine Blower Co., Worcester, Mass. Turbine rotor. 2,319,846; May 25.
- Carlson, Bert G. (See Heintz, R. M., and Carlson.)
- Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Gyro drift control. 2,321,543; June 8.
- Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Aircraft control device. 2,325,108; July 27.
- Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Aircraft control device. 2,327,171; Aug. 17.
- Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Indicator control mechanism. 2,333,983; Nov. 9.
- Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Gyro indicating device. 2,333,984; Nov. 9.
- Carlson, Bert G., Erieside, assignor to Jack & Heintz, Inc., Bedford, Ohio. Gyro wheel. 2,334,249; Nov. 16.
- Carlson, Carl F. (See Stanford, R., and Carlson.)
- Carlson, Charles H., Minneapolis, Minn. Saw filing machine. 2,308,053; Jan. 12.
- Carlson, Dean W., Vallejo, Calif. Roof and its support. 2,327,869; Aug. 24.
- Carlson, Drexel T. (See Andalkiewicz, B. A., and Carlson.)
- Carlson, Ejnar W., Roselle Park, and E. B. Cyphers, Clark Township, Union County, N. J., assignors to Standard Oil Development Company. Soluble cutting oils. 2,320,263; May 25.
- Carlson, Eric W., and Carl H. Brainard, Omaha, Nebr. Tire chain assembly. 2,326,618; Aug. 10.
- Carlson, Frank E., East Cleveland, Ohio, assignor to General Electric Company. Optical system. 2,319,489; May 18.
- Carlson, George, Trumbull, and E. B. Clark, Milford, Conn., assignors to General Electric Company. Box supporting device. 2,328,421; Aug. 31.
- Carlson, George W., assignor to Robert H. McClintic, Pittsburgh, Pa. Pneumatic actuating mechanism for electrically operated typewriters. 2,327,172; Aug. 17.
- Carlson, Gustaf H. (See Price, R. W., and Carlson.)
- Carlson, Gustaf H., Pearl River, assignor to Lederle Laboratories, Inc., New York, N. Y. Synthesizing vitamin B₆. 2,310,167; Feb. 2.
- Carlson, Gustaf H., Pearl River, assignor to Lederle Laboratories, Inc., New York, N. Y. Vitamin B₆ intermediate. 2,310,168; Feb. 2.
- Carlson, Gustaf H., Pearl River, assignor to Lederle Laboratories, Inc., New York, N. Y. Vitamin B₆ intermediate. 2,310,169; Feb. 2.
- Carlson, Gustaf H., Pearl River, assignor to Lederle Laboratories, Inc., New York, N. Y. Vitamin B₆ intermediate. 2,310,170; Feb. 2.
- Carlson, Gustaf H., Pearl River, assignor to Lederle Laboratories, Inc., New York, N. Y. Vitamin B₆ intermediate. 2,310,171; Feb. 2.
- Carlson, Gustaf H., Pearl River, assignor to Lederle Laboratories, Inc., New York, N. Y. Vitamin B₆ intermediate. 2,310,172; Feb. 2.
- Carlson, Gustaf H., Pearl River, assignor to Lederle Laboratories, Inc., New York, N. Y. Preparation of beta-alanine. 2,336,067; Dec. 7.
- Carlson, Gustaf H., Pearl River, and B. R. Baker, Nanuet, assignors to Lederle Laboratories, Inc., New York, N. Y. Mono-acyl derivatives of 2-methyl-1,4-naphthohydroquinone. 2,334,669; Nov. 16.
- Carlson, Gustaf H., Pearl River, and C. N. Hotchkiss, Nanuet, assignors to Lederle Laboratories, Inc., New York, N. Y. Production of β -alanine and β -alanates from acrylonitrile. 2,335,997; Dec. 7.
- Carlson, Gustav A., assignor to The Boye Needle Company, Chicago, Ill. Punch needle. 2,319,442; May 18.
- Carlson, Gustav A., assignor to The Boye Needle Company, Chicago, Ill. Fastening device. 2,335,482; Nov. 30.
- Carlson, Harold A., University City, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor deleader. 2,307,486; Jan. 5.
- Carlson, Harry, Darrington, Wash. Apparatus for loading logs. 2,327,015; Aug. 17.
- Carlson, Henry S., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Cabinet construction. 2,326,330; Aug. 10.
- Carlson, Hjalmar E., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar machine wrapper transfer carrier head. 2,316,838; Apr. 20.
- Carlson, Hjalmar E., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Thin charge transfer. 2,337,542; Dec. 28.
- Carlson, Ivan S., Hartline, Wash. Chain tool. 2,312,027; Feb. 23.
- Carlson, James E., assignor of three-tenths to G. E. Erickson and three-tenths to E. Berglund, Minneapolis, Minn. Crossbow gun. 2,313,803; Mar. 16.
- Carlson, John I., assignor to Carlson Tool & Machine Co., Aurora, Ill. Brushmaking machine. 2,324,480; July 20.
- Carlson, John I., assignor to Carlson Tool & Machine Co., Aurora, Ill. Brushmaking machine. 2,324,481; July 20.
- Carlson, John I., assignor to Carlson Tool & Machine Co., Aurora, Ill. Clutch throwout mechanism. 2,324,482; July 20.
- Carlson, Marvin C. (See Popp, R., and Carlson.)
- Carlson, Otto M. (See Kent, C. E., and Carlson.)
- Carlson, Philip, Long Hill, Conn. Vehicle seat. 2,318,751; May 11.
- Carlson, Raymond A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,334,382; Nov. 16.
- Carlson, Robert C., Terrace Park, assignor to J. J. Emery, doing business as Emery Carpenter Container Company, Cincinnati, Ohio. Container. 2,311,291; Feb. 16.
- Carlson, Robert C., Terrace Park, assignor to J. J. Emery, doing business as Emery Carpenter Container Company, Cincinnati, Ohio. Container. 2,336,345; Dec. 7.
- Carlson, Samuel E., Alhambra, Calif. Internal safety valve system. 2,320,567; June 1.

Carlson, Theodore E., Cumberland, Md., assignor to Celanese Corporation of America. Yarn guide. 2,322,825; June 29.

Carlson Tool & Machine Co. (See Carlson, John L., assignor.)

Carlson, Vernon E., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,322,921; June 29.

Carlson, Walter A., and P. W. Salo, Minneapolis, Minn., assignors to General Mills, Inc. Apparatus for treating chemicals. 2,324,195; July 13.

Carlson, Warner W. (See Seahy, G. L., and Carlson.)

Carlson, Wendell L. (See Bond, D. S., and Carlson.)

Carlson, Wendell L., Haddonfield, N. Y., assignor to Radio Corporation of America. Frequency modulation tuning indicator. 2,334,473; Nov. 16.

Carlson, Wendell L., and W. H. Conron, Haddonfield, N. J., assignors to Radio Corporation of America. Antenna. 2,313,321; Mar. 9.

Carlson, Wilbur L., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Battery charging system. 2,314,987; Mar. 23.

Carlson, Wilbur L., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Motorcycle construction. 2,329,248; Sept. 14.

Carlson, Wilbur L., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Motorcycle speedometer drive. 2,329,249; Sept. 14.

Carlson, Wilbur L., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Crankschaft. 2,329,250; Sept. 14.

Carlsson, Emma V., Greensboro, N. C. Balanced diet selecting apparatus. 2,314,387; Mar. 23.

Carlsten, Sigurd V. (See Allen, R. W., and Carlsten.)

Carlstrom, Bengt, assignor to Aktiebolaget Facit, Attydaberg, Sweden. Locking mechanism for the setting members of calculating machines. 2,312,797; Mar. 2.

Carlton, Quintin H., assignor to Automotive Products Company Limited, Leamington Spa, England. Liquid pressure remote control system. 2,330,078; Sept. 28.

Carlton, Richard P., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Manufacture of abrasives. 2,318,570; May 4.

Carlton, Richard P., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Manufacture of abrasives. 2,318,571; May 4.

Carlton, Richard P., and B. J. Oakes, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Resinous composition. 2,310,933; Feb. 16.

Carman, Frank H., assignor to Armstrong Cork Company, Lancaster, Pa. Making continuous sheets or rolls of cork material. 2,313,503; Mar. 9.

Carman, James W., Seattle, Wash. Air treatment device. 2,309,885; Feb. 2.

Carman, James W., Seattle, Wash. Rim and attaching means for pneumatic tires. 2,316,502; Apr. 13.

Carmichael, George W., assignor to Carmichael Machine Company, Columbus, Ohio. Conveyor. 2,307,665; Jan. 5.

Carmichael Machine Company. (See Carmichael, George W., assignor.)

Carmichael, Edward M., and J. P. Stein; said Carmichael assignor to E. B. Lytle, Seattle, Wash. Suspension assembly for tandem axle trucks. 2,307,388; Jan. 5.

Carmo, John J., Billerica, Mass. Poultry feeder. 2,323,117; June 29.

Carmody, Don R. (See D'Ouville, E. L., and Carmody.)

Carmody, Don R. (See Marschner, R. F., and Carmody.)

Carmody, Don R., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Conversion of hydrocarbons. 2,319,200; May 18.

Carmody, Don R., Whiting, Ind., and E. L. D'Ouville, assignors to Standard Oil Company, Chicago, Ill. Alkylation of hydrocarbons. 2,308,560; Jan. 19.

Carmody, Edmund O., United States Navy. Synthetic flight trainer. 2,331,303; Oct. 12.

Carmody, Edmund O., United States Navy. Wing lift and alteration trainer. 2,331,304; Oct. 12.

Carmody, Edmund O., and C. A. West, U. S. Navy. Torque device for coordinator trainers. 2,327,997; Aug. 31.

Carmody Research Laboratories, Inc. (See Carmody, W. H., and Kelly, assignors.)

Carmody, William H., and H. E. Kelly, Springfield, Ohio, assignors to Carmody Research Laboratories, Inc. Making phthalated resins. 2,319,386; May 18.

Carnagua, Harold E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Planetary transmission. 2,311,209; Feb. 16.

Carnagua, Harold E., and W. B. Osborne, Muncie, Ind., assignors to Borg-Warner Corporation, Chicago, Ill. Automatic transmission and control system therefor. 2,309,826; Feb. 2.

Carnahan, Chalon V., Oak Park, assignor to Zenith Radio Corporation, Chicago, Ill. Wave amplitude limiting device. 2,323,880; July 6.

Carnegie-Illinois Steel Corporation. (See Allen, W. S., Dimon and Taylerson.)

Carnegie-Illinois Steel Corporation. (See Collins, Tapan, assignor.)

Carnegie-Illinois Steel Corporation. (See Cook, W. O., and Romine, assignors.)

Carnegie-Illinois Steel Corporation. (See Dimon, Richard A., assignor.)

Carnegie-Illinois Steel Corporation. (See Goins, Alfred C., assignor.)

Carnegie-Illinois Steel Corporation. (See Greulich, Gerald G., assignor.)

Carnegie-Illinois Steel Corporation. (See Grossett, William W., assignor.)

Carnegie-Illinois Steel Corporation. (See Gude, Harry E., assignor.)

Carnegie-Illinois Steel Corporation. (See Hibschnum, A. E., Kelly, and Hume, assignors.)

Carnegie-Illinois Steel Corporation. (See Hume, Patrick H., assignor.)

Carnegie-Illinois Steel Corporation. (See Hurlston, George J., assignor.)

Carnegie-Illinois Steel Corporation. (See Johnson, Raymond, assignor.)

Carnegie-Illinois Steel Corporation. (See Korner, William E., assignor.)

Carnegie-Illinois Steel Corporation. (See Lorig, Edwin T., assignor.)

Carnegie-Illinois Steel Corporation. (See Moffat, R., and Wright, assignors.)

Carnegie-Illinois Steel Corporation. (See Mursch, William H., assignor.)

Carnegie-Illinois Steel Corporation. (See Purnell, Charles G., assignor.)

Carnegie-Illinois Steel Corporation. (See Stack, James R., assignor.)

Carnegie-Illinois Steel Corporation. (See Stoker, Robert J., assignor.)

Carnegie-Illinois Steel Corporation. (See Taylerson, Ewart S., assignor.)

Carnegie-Illinois Steel Corporation. (See Thatcher, F. M., Wells, and Wilson, Jr., assignors.)

Carnegie Institute of Technology. (See Derge, Gerhard, assignor.)

Carnes, Herman W., Indianapolis, Ind., assignor to Carbide and Carbon Chemicals Corporation. Combined pressure regulating and relief valve assembly. 2,319,659; May 18.

Carney, Clifford R., Dearborn, assignor to General Motors Corporation, Detroit, Mich. Ice tray. 2,321,654; June 16.

Carney, Clifford R., Dearborn, assignor to General Motors Corporation, Detroit, Mich. Ice tray. 2,325,226; July 27.

Carney, Henry R., Onondaga, N. Y. Storm-window weather sealing and closure device. 2,327,580; Aug. 24.

Carney, Samuel C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Distillate rectification. 2,307,024; Jan. 5.

Carney, Samuel C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Agglomerating commercial carbon black. 2,311,154; Feb. 16.

Carney, Samuel C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of gases. 2,316,752; May 11.

Carney, Samuel C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Pelletizing carbon black. 2,327,016; Aug. 17.

Carney, Samuel C., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for agglomerating commercial carbon black. 2,332,057; Oct. 19.

Carney, William J., Chicago, Ill. Bolt and rivet making machine. 2,315,769; Apr. 6.

Carol, Max N., trustee. (See Hood, Arthur H., Jr., assignor.)

Caroline Products Company. (See Hauser, C. G., Bierbaum, and Miller, assignors.)

Caroselli, Nestor E. (See Howard, F. L., and Caroselli.)

Carpenter, Charles C. (See Visness, C. B., and Carpenter.)

Carpenter, Erwin L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Alkali metal salts of β -sulphopropionitrile and preparation. 2,312,878; Mar. 2.

Carpenter, Fontinelle S. (See Bentley, G. P., and Carpenter.)

Carpenter, Harold Y., Davenport, Iowa, assignor, by mesne assignments, to McConway & Torley Corporation, Pittsburgh, Pa. Car truck. 2,331,174; Oct. 5.

Carpenter, Harold Y., Davenport, Iowa, assignor, by mesne assignments, to McConway & Torley Corporation, Pittsburgh, Pa. Car truck. 2,331,305; Oct. 12.

Carpenter, John H., Cambridge, Mass., R. B. Kennedy and H. J. McClanahan, Beaumont, Tex., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Petroleum distillation. 2,310,837; Feb. 9.

Carpenter, Laura P., et al., trustees. (See Daugherty, Fount F., assignor.)

Carpenter, Morris T. (See Roberts, J. K., and Carpenter.)

Carpenter, Oscar S., Cloverdale, Ind. Salvaging and life-saving device for sunken vessels. 2,325,306; July 27.

Carpenter, Russell, Three Rivers, Quebec, Canada. Steam joint. 2,313,322; Mar. 9.

Carpenter Steel Company, The. (See Wright, F. L., and Luerssen, assignors.)

Carpenter, Victor W. (See Cole, G. H., Davidson, and Carpenter.)

Carpenter, Walter E., West Caldwell, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Glow switch. 2,336,923; Dec. 14.

- Carpmail, Arthur B., Lorain, Ohio. Pipe cleaning machine. 2,307,449; Jan. 5.
- Carr, Adams & Collier Company. (See Adams, Paul L., assignor.)
- Carr, Charles R., Dallas, Tex., and D. D. Day, Memphis, Tenn. Pneumatic mote control. 2,328,126; Aug. 31.
- Carr, Clifford H., Kansas City, Mo. Heat exchange apparatus. 2,311,155; Feb. 16.
- Carr, Donald E., assignor to Union Oil Company of California, Los Angeles, Calif. Oxidizing wax. 2,318,669; May 11.
- Carr, Donald E., assignor to Union Oil Company of California, Los Angeles, Calif. Treating oils. 2,337,448; Dec. 21.
- Carr, Donald E., and H. W. Ritchey, assignors to Union Oil Company of California, Los Angeles, Calif. Asphalt and producing same. 2,314,124; Mar. 16.
- Carr, Donald E., Los Angeles, and H. W. Ritchey, Long Beach, assignors to Union Oil Company of California, Los Angeles, Calif. Producing asphalt. 2,327,247; Aug. 17.
- Carr, Fred P., et al. (See Robes, Ernest C., Jr., assignor.)
- Carr, Raymond F., and E. C. Bohall, assignors of one-third to W. R. Bohall, Seattle, Wash. Hydraulic control. 2,334,353; Nov. 16.
- Carr, Trem, Los Angeles, Calif. Dispensing package. 2,321,655; June 15.
- Carr, Walter F., T. G. Woolhouse, and W. Green, Wathupon-Dearne, near Rotherham, England. Apparatus for the treatment of acid sludge. 2,321,457; June 8.
- Carrell, Leo A. (See Porter, O. S., and Carrell.)
- Carreras, Jose R., assignor to sucesores de Abarca, San Juan, Puerto Rico, a partnership consisting of Angel Abarca Portilla, Juan Abarca Portilla, and Felipe F. Vidal. Vacuum pan. 2,326,619; Aug. 10.
- Carriek, Paul E., Birmingham, Mich. Edge grinding machine for strip material. 2,332,890; Oct. 26.
- Carrier Corporation. (See Ashley, Carlyle M., assignor.)
- Carrier Corporation. (See Carlson, A. A., and Karig, assignors.)
- Carrier Corporation. (See Jones, Robert L., assignor.)
- Carrier Corporation. (See Jones, Walter, assignor.)
- Carrier-Stephens Company. (See Martin, J. A., and Butters, assignors.)
- Carring, Carl A., Stockholm, Sweden. Filtering and sterilizing apparatus for water. 2,311,519; Feb. 16.
- Carrington, Blake W., assignor to The General Industries Company, Elyria, Ohio. Speed compensating means for photomicrograph turntable drives. 2,312,798; Mar. 2.
- Carrington, Blake W., assignor to The General Industries Company, Elyria, Ohio. Coupling and controlling device. 2,323,008; June 29.
- Carrington, Blake W., assignor to The General Industries Company, Elyria, Ohio. Centrifugal governor. 2,323,791; July 6.
- Carrington, George E., Fulton, Mo. Earth mover. 2,309,750; Feb. 2.
- Carroll, Burt H., assignor to Eastman Kodak Company, Rochester, N. Y. Ultraviolet filter. 2,327,764; Aug. 24.
- Carroll, Burt H., and J. A. Leermakers, Rochester, N. Y., assignors to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,313,922; Mar. 16.
- Carroll, Burt H., and J. Spence, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,334,864; Nov. 23.
- Carroll, Ellsworth W., San Carlos, assignor to S & W Fine Foods, Inc., San Francisco, Calif. Orientation means using a carrier. 2,320,980; Sept. 21.
- Carroll, Fred M., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Type-writing machine. 2,320,810; June 1.
- Carroll, Frederick C., Jr. (See Friden, C. M., and Carroll.)
- Carroll, Guy B., Minneapolis, Minn. Internal keyway grinder. 2,319,552; May 18.
- Carroll, James M., assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Stabilizing air. 2,308,439; Jan. 12.
- Carruthers, Eben H., Seneca Falls, N. Y., assignor, by mesne assignments, to The Sharples Corporation, Philadelphia, Pa. Method and apparatus for oil purification. 2,324,763; July 20.
- Carruthers, Eben H., Astoria, Oreg., and H. T. Moore, Drexel Hill, assignors, by mesne assignments, to The Sharples Corporation, Philadelphia, Pa. Filter construction and filtering. 2,324,764; July 20.
- Carruthers, Thomas F., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Ricinoleic derivatives. 2,310,395; Feb. 9.
- Carruthers, Thomas F., South Charleston, and W. N. Stoops, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Making composite materials. 2,318,670; May 11.
- Carson, Clarence M., assignor to Wingfoot Corporation, Akron, Ohio. Rubber derivative product. 2,328,534; Aug. 31.
- Carson, Richard M., and R. R. Saecks, assignors to Carson-Saecks, Inc., Dayton, Ohio. Parting material. 2,327,173; Aug. 17.
- Carson-Saecks, Inc. (See Carson, R. M., and Saecks, assignors.)
- Carson, Theodore L., and J. F. Brown, Denver, Colo., assignors to Waukesha Motor Company, Waukesha, Wis. Spark plug. 2,322,616; June 22.
- Carswell, Thomas S., Longmeadow, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Insect control. 2,327,335; Aug. 24.
- Cart, Francis G., Morrisville, Pa., assignor to Atlantic Products Corporation, Trenton, N. J. Golf bag. 2,325,474; July 27.
- Carter, A. B., Inc. (See Hunt, Thomas B., assignor.)
- Carter, B. & F., & Company Limited. (See Carter, Ben, assignor.)
- Carter, Ben, assignor to B. & F. Carter & Company Limited, Bolton, England. Braiding machine. 2,336,776; Dec. 14.
- Carter Carburetor Corporation. (See Berry, Russell G., assignor.)
- Carter Carburetor Corporation. (See Bicknell, George M., assignor.)
- Carter Carburetor Corporation. (See Bicknell, G. M., and Worden, assignors.)
- Carter Carburetor Corporation. (See Boller, Henry A., assignor.)
- Carter Carburetor Corporation. (See Carlson, Harold, assignor.)
- Carter Carburetor Corporation. (See Coffey, Irvn E., assignor.)
- Carter Carburetor Corporation. (See Edelen, James L., assignor.)
- Carter Carburetor Corporation. (See Ericson, George R., assignor.)
- Carter Carburetor Corporation. (See Flint, Forrest T., assignor.)
- Carter Carburetor Corporation. (See Korte, Alfred C., assignor.)
- Carter Carburetor Corporation. (See Korte, A. C., and Lannert, assignors.)
- Carter Carburetor Corporation. (See Martin, Charles L., assignor.)
- Carter Carburetor Corporation. (See Moseley, J. T. W., and Seldon, assignors.)
- Carter, Clinton W., Allison Park, Pa. Making liquid coffee extracts. 2,334,171; Nov. 16.
- Carter, De Vere V., Dallas, Tex. Double pinion application of power. 2,310,393; Feb. 9.
- Carter, Edward L., New York, N. Y., assignor to The Dow Chemical Company, Midland, Mich. Well casing. 2,335,578; Nov. 30.
- Carter, Franklyn Y., assignor to Detroit Lubricator Company, Detroit, Mich. Refrigerating system. 2,326,093; Aug. 3.
- Carter, Franklyn Y., assignor to Detroit Lubricator Company, Detroit, Mich. Refrigerating system. 2,331,264; Oct. 5.
- Carter, James S. F. (See Bogart, M. J. P., and Carter.)
- Carter, John D., Richmond, Va. Conveyor. 2,307,389; Jan. 5.
- Carter, Leslie F., Leonia, N. J. Gyro vertical. 2,315,500; Apr. 6.
- Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Erecting device for gyro verticals. 2,314,343; Mar. 23.
- Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Flight indicator. 2,323,897; July 13.
- Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Artificial horizon. 2,326,835; Aug. 17.
- Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Air spun gyro rotor. 2,335,108; Nov. 23.
- Carter, Lionel A., Webster Groves, assignor to Lehmann Machine Company, St. Louis, Mo. Lathe carriage feed mechanism. 2,316,403; Apr. 13.
- Carter, Mitchell, Yardley, Pa., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vulcanization method. 2,308,970; Jan. 19.
- Carter, Mitchell, Yardley, Pa., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Mold filling method and apparatus for performing same. 2,308,971; Jan. 19.
- Carter, Mitchell, Trenton, N. J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Mold and making same. 2,324,990; July 20.
- Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Transmission line matching. Re. 22,374; Sept. 14.
- Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Ultra short wave system. 2,312,799; Mar. 2.
- Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Tuned circuit and associated devices therefor. 2,323,201; June 29.
- Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Coupling circuit. 2,337,184; Dec. 21.
- Carter, Robert J. S., Minneapolis, Minn. Dewatering screen. 2,329,333; Sept. 14.
- Carter, Sidney T., Frankfort, Ky., assignor to Schenley Distillers Corporation, New York, N. Y. Mechanism for handling and feeding bottles and other containers. 2,308,154; Jan. 12.

- Carter, Thomas A., Jr., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Lighting fixture construction. 2,316,404; Apr. 13.
- Carter, Thomas N., Milwaukee, Wis., assignor to Cameron Machine Company, Brooklyn, N. Y. Tension control mechanism. 2,331,765; Oct. 12.
- Carter, Willard K., Columbus, Ohio, assignor to National Aluminate Corporation, Chicago, Ill. Ceramics. 2,318,753; May 11.
- Carter, Willard K., Columbus, Ohio, assignor to National Aluminate Corporation, Chicago, Ill. Ceramic cement. 2,329,589; Sept. 14.
- Carter, William S. (See Taylor, E. H., and Carter.)
- Carter, William W., Kansas City, Mo. Match book. 2,318,289; May 4.
- Cartier, Inc. (See Cusin, Gaston Y. G., assignor.)
- Cartier, Inc. (See Pouech, René J., assignor.)
- Cartland, George F., and M. H. Kuizenga, assignors to The Upjohn Company, Kalamazoo, Mich. Diethyl acetate of corticosterone. 2,316,142; Apr. 6.
- Cartledge, Alfred E., California in England, Wokingham, England, Metal shearing machine and the like. 2,333,293; Nov. 2.
- Cartledge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,329,875; Sept. 21.
- Cartledge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Cutter chain. 2,331,766; Oct. 12.
- Cartledge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Material gathering and loading machine. 2,334,605; Nov. 16.
- Cartledge, John R., and A. O. Brunette, assignors to The Cincinnati Mine Machinery Company, Cincinnati, Ohio. Mining machine. 2,319,387; May 18.
- Cartmell, Joseph B. (See Dooley, William D., assignor.)
- Carton Cooler Inc. (See Ferris, Walton C., assignor.)
- Carton Development Corporation. (See Cole, Arthur E., assignor.)
- Cartter, William G. (See Wood, P. E., and Cartter.)
- Cartun, Paul O., Cleveland Heights, Ohio, assignor to General Electric Company. Base for electric lamps and the like. 2,336,529; Dec. 14.
- Cartwright, Oscar L., York, Neb. Punchboard. 2,310,574; Feb. 9.
- Carver, Emmett K., assignor to Eastman Kodak Company, Rochester, N. Y. Coating hopper. 2,322,827; June 29.
- Carver, Emmett K., assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of vinyl resin film and sheeting. 2,327,765; Aug. 24.
- Carver, Fred, Short Hills, N. J. Chocolate process. 2,336,346; Dec. 7.
- Carver, Walter W., Millburn, N. J. Ventilator for port-holes and like openings. 2,337,799; Dec. 28.
- Cary, Gwen A., Topeka, and L. H. Stanley, Madison, Kans. Hair drier shield. 2,323,515; July 6.
- Caryl, Coleman R., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Detergent composition. 2,314,840; Mar. 23.
- Casanova, Louis A. (See Cox, J. H., and Casanova.)
- Casavant, Ernest, New York, N. Y., H. E. Osborne, Shillington, and H. L. Meek, Lincoln, Pa., assignors to United Shoe Machinery Corporation, Flemington, N. J. Work-clamping means. 2,329,695; Sept. 21.
- Casarin, Dominick, Atlantic Highlands, and S. J. Koch, Alwood Clifton, assignors of one-third to H. A. De Phillips, Belleville, N. J. Device for irradiating substances. 2,330,842; Nov. 9.
- Casco Products Corporation. (See Bahr, Gustave F., assignor.)
- Casco Products Corporation. (See Campbell, Paul F., assignor.)
- Casco Products Corporation. (See Cohen, Joseph H., assignor.)
- Casco Products Corporation. (See Johnson, Arthur A., assignor.)
- Casco Products Corporation. (See Lehmann, Herbert G., assignor.)
- Casco Products Corporation. (See Youhouse, Joseph, assignor.)
- Case, Harold W., Dayton, Ohio. Radiator core tube. 2,325,036; July 27.
- Case, J. I., Company. (See Davies, David P., assignor.)
- Case, J. I., Company. (See Geraldson, Gerald, assignor.)
- Case, J. I., Company. (See Krause, Norman R., assignor.)
- Case, J. I., Company. (See Russell, Stanley D., assignor.)
- Case, J. I., Company. (See Schroeppel, Paul R., assignor.)
- Case, J. I., Company. (See Thompson, W. G., and Kerr, assignors.)
- Case, Lewis B., St. Louis, Mo. Check. 2,310,394; Feb. 9.
- Case, Nelson P., Great Neck, N. Y., assignor to Hazeltine Corporation. Signal-translating system. Re. 2,320,302; Apr. 20.
- Case, Nelson P., Great Neck, N. Y., assignor to Hazeltine Corporation. Wave-signal translating channel. 2,327,248; Aug. 17.
- Case, Richard Y., Philadelphia, assignor to L. H. Gilmer Co., Tacony, Philadelphia, Pa. Power transmission belt. 2,330,405; Sept. 28.
- Casellini, Ezio T., Salem, Mass., assignor to Sylvania Electric Products, Inc. Luminescent coating for electric lamps. 2,317,977; May 4.
- Casellini, Ezio T., Salem, Mass., assignor to Sylvania Electric Products, Inc. Luminescent coating for electric lamps. 2,331,306; Oct. 12.
- Caserta, Alfred E. (See Sherman, C. F., and Caserta.)
- Casey, Charles L., Chicago, Ill. Vending machine. 2,316,315; Apr. 13.
- Casey, Cora M., executrix. (See Gibson, H. V., and Casey.)
- Casey, Elmer E. (See Gibson, H. V., and Casey.)
- Casey, Francis B., Belmont, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Packing machine. 2,335,738; Nov. 30.
- Casey, Thomas W., Earlawn, and A. E. Sidnell, Akron, assignors to Seiberling Latex Products Company, Barberton, Ohio. Playing ball. 2,324,277; July 13.
- Cash, A. W., Company. (See Klinker, John J., assignor.)
- Cash, A. W., Company. (See Temple, Paul C., assignor.)
- Casher, Frank, and J. Teerlink, Chicago, Ill., assignors to International Harvester Company. Coating apparatus. 2,337,709; Dec. 28.
- Cashman, Aloysius F. (See Lieber, E., and Cashman.)
- Casieri, Anthony, Chicago, Ill. Hairdressing. 2,328,192; Aug. 31.
- Casile, Joe, Providence, R. I. Propeller sailboat machine. 2,326,757; Aug. 17.
- Casler, Roger H. (See Eaton, W. A., and Casler.)
- Casler, Roger H., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Brake mechanism. 2,329,155; Sept. 7.
- Casler, Roger H., and S. Vorech, assignors to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Power gear shifting mechanism. 2,336,715; Dec. 11.
- Cassner, James L., Alpine, Tex. Vehicle suspension. 2,314,076; Mar. 16.
- Cassner Patents, Inc. (See Rogers, Herbert C., assignor.)
- Casspell, Edward E. (See Burke, J. J., and Casspell.)
- Cassper, Johannes. (See Kurtz, P., Casper, and Schwarz.)
- Cass, Oliver W. (See Levine, A. A., and Cass.)
- Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of halogenated olefines. 2,303,489; Jan. 19.
- Cass, Oliver W., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of halogenated olefines. 2,327,174; Aug. 17.
- Cass, Oliver W., Niagara Falls, N. Y., and L. G. Cliver, Baton Rouge, La., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of furan. 2,337,027; Dec. 21.
- Cass, Thomas F., Jr. (See Lanigan, F. W., and Cass.)
- Cassidy, Jack T. (See Landes, C. G., and Cassidy.)
- Cassell, Norman S., Ridgewood, N. Y., assignor to Interchemical Corporation, New York, N. Y. Method and composition for producing textile printing emulsions. 2,310,612; Feb. 2.
- Cassell, Norman S., Ridgewood, N. J., assignor to Interchemical Corporation, New York, N. Y. Making diazo printing pastes and product. 2,310,013; Feb. 2.
- Cassell, Norman S., Ridgewood, N. J., assignor to Interchemical Corporation, New York, N. Y. Coloring and decorating textiles. 2,317,359; Apr. 27.
- Casselberry, Theodore E., France Field, C. Z. Radio tube extractor. 2,322,220; June 22.
- Cassell, John R., New York, N. Y. Dog leash. 2,337,970; Dec. 28.
- Casson, Benedict, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protecting rotating anode X-ray tubes. 2,315,593; Apr. 6.
- Casson, Benedict, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Plug-in terminal for electric cables. 2,337,800; Dec. 28.
- Cassens, Fred G., Jennings, Mo., M. S. Evans, Buffalo, N. Y., and C. T. Hertzsch, Jeffersonville, Ind., assignors to American Car and Foundry Company, New York, N. Y. Metal cutting or notching machine. 2,334,250; Nov. 16.
- Cassens, Fred G., Jennings, and W. J. Roa, University City, Mo., assignors to American Car and Foundry Company, New York, N. Y. Adjustable footrest. 2,337,229; Dec. 21.
- Castan, Pierre, Zurich, Switzerland. Preparing synthetic resins. 2,324,483; July 20.
- Castedello, William. (See Schwartz, M., and Castedello.)
- Castellan, Carl A., assignor to American Viscose Corporation, Wilmington, Del. Machine for cutting staple fibers. 2,323,644; July 6.
- Castellano, James, Brooklyn, N. Y. Pipe coupling. 2,329,876; Sept. 21.
- Castiglia, Biagio, assignor to Wheel Aligning Necessities, Inc., New York, N. Y. Model balancer. 2,319,037; May 13.
- Castiglia, Biagio, New York, N. Y. Centering cones. 2,334,606; Nov. 16.
- Castiglia, Biagio, New York, N. Y. Dynamic and static wheel balancer. 2,334,991; Nov. 23.

- Castings Patent Corporation. (See Hagemeyer, Henry F., assignor.)
- Castle, John E. (See Neilson, David, assignor.)
- Castner, Theron S., Minneapolis, Minn. Scaffold. 2,311,210; Feb. 16.
- Casto, Lloyd V., Detroit, Mich. Decorating and molding of transparent sheets. 2,311,156; Feb. 16.
- Castor, Wilbur W. (See Groff, C. H., and Castor.)
- Castricone, John A., assignor to Altorfer Bros. Company, Peoria, Ill. Ironing machine control. 2,313,123; Mar. 9.
- Castro, Santiago, Brooklyn, N. Y. Butter vending machine. 2,325,037; July 27.
- Cate, Paul E., assignor to The Fulton Siphon Company, Knoxville, Tenn. Ignition system. 2,318,195; May 4.
- Caterpillar Tractor Co. (See Ammon, Mark A., assignor.)
- Caterpillar Tractor Co. (See Eberhard, Harmon S., assignor.)
- Caterpillar Tractor Co. (See Gustafson, Carl A., assignor.)
- Caterpillar Tractor Co. (See Gustafson, C. A., and Benner, assignors.)
- Caterpillar Tractor Co. (See McDonald, Allen T., assignor.)
- Cattford, Adrian L. (See Halford, F. B., and Cattford.)
- Cathey, George B., San Angelo, Tex. Marking device. 2,312,625; Mar. 2.
- Catlin, Charles F., Jr. (See Goheen, J. L., and Catlin.)
- Catlin, Clyde W., et al. (See Opp, Fred W., assignor.)
- Catlin, John P. (See Eckstein, G. R., and Catlin.)
- Cattaneo, Alfred G., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Ignition system for internal combustion engines. 2,310,575; Feb. 9.
- Cattaneo, Alfred G., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Spark plug. 2,323,792; July 6.
- Cattaneo, Alfred G., Berkeley, and E. R. White, Albany, Calif. Apparatus for controlling foam formation in lubricating systems. 2,337,449; Dec. 21.
- Cattell, Albert R. (See Hamilton, L. A., Moran, and Cattell.)
- Cattonar, John, Jamaica, and G. Olm, Astoria, assignors to Edward Arnold Co., New York, N. Y. Bottle handling machine. 2,332,055; Oct. 19.
- Catucci, Elmer, Kearny, N. J. Phonograph needle and record protector. 2,327,094; Aug. 17.
- Caugherty, John J., Belle Vernon, Pa. Drawing stainless steel wire. 2,337,185; Dec. 21.
- Caugherty, John J., Belle Vernon, Pa. Treating ferrous metal articles with glass coatings. 2,337,186; Dec. 21.
- Caughy, Reed J., Schenectady, N. Y., assignor to General Electric Company, Schenectady, N. Y. Turbine governing arrangement. 2,312,958; Mar. 2.
- Caughey, Harry J., Osakis, Minn. Carrier for small game. 2,320,667; May 25.
- Caulfield, Edward W., St. Petersburg, Fla. Suppressor. 2,325,905; Aug. 3.
- Caulkins, Cecil P., New London, Conn. Gun. 2,337,309; Dec. 28.
- Caulkins, Cecil P., New London, Conn. Gun. 2,337,647; Dec. 28.
- Causey, George W., Pittsburgh, Pa. Structural element. 2,316,560; Apr. 13.
- Cauwenberg, Winfred J. (See Ryan, L. W., and Cauwenberg.)
- Cavallino, Conrad G. F., Rochester, assignor to Gyproc Products Limited, London, England. Aeration of plaster of Paris compositions. 2,318,754; May 11.
- Cavallero Corporation. (See Frazier, Robert T., assignor.)
- Cavallito, Chester J. (See Snyder, J. E., and Cavallito.)
- Cavalluzzo, William, Whitestone, Long Island, N. Y. Cord applique for handbags and other articles. 2,309,498; Jan. 26.
- Cavanagh, John F., Providence, assignor to Boston Wire Stitcher Company, Warwick, R. I. Fastener-applying implement. 2,320,568; June 1.
- Cave, Henry, assignor to The Fuller Brush Company, Hartford, Conn. Brush. 2,308,674; Jan. 19.
- Cave, Henry, assignor to The Fuller Brush Company, Hartford, Conn. Apparatus for making brooms. 2,313,037; Mar. 9.
- Cave, Henry, assignor to The Fuller Brush Company, Hartford, Conn. Making brushes. 2,314,306; Mar. 16.
- Cave, Henry, assignor to The Fuller Brush Company, Hartford, Conn. Machine for winding strips of material. 2,329,434; Sept. 14.
- Cave, Henry, and A. L. L. Bellevue, assignors to The Fuller Brush Company, Hartford, Conn. Connector for mop and brush handles. 2,310,011; Feb. 2.
- Cavedon, Alexander, Woonsocket, R. I. Apparatus for producing nubbed yarns. 2,334,542; Nov. 16.
- Cavero, Joseph. (See Burgess, Joseph J., assignor.)
- Cavicholi, Mario, New York, N. Y. Tray slide bracket. 2,336,670; Dec. 14.
- Caviglia, Oscar L., Buenos Aires, Argentina. Percussion extracting device. 2,337,971; Dec. 28.
- Cavinder, Milton F., New Buffalo, Mich., assignor to one-half to E. G. Ricek, Chicago, Ill. Corn planter. 2,334,808; Nov. 23.
- Cawein, Madison, Marion, Ind., assignor to Farnsworth Television and Radio Corporation. Color television apparatus. 2,312,800; Mar. 2.
- Cawein, Madison, Marion, Ind., assignor to Farnsworth Television and Radio Corporation. Color television system. 2,313,224; Mar. 9.
- Cawein, Madison, Marion, Ind., assignor to Farnsworth Television and Radio Corporation. Demodulation system. 2,329,877; Sept. 21.
- Cawein, Madison, Marion, Ind., assignor to Farnsworth Television and Radio Corporation. Color filter disk. 2,337,736; Dec. 28.
- Cawley, John D., assignor to Distillation Products, Inc., Rochester, N. Y. Preparation of vitamin E in concentrated form. 2,327,766; Aug. 24.
- Cazin, Otto K., (See Kende, G., and Cazin.)
- Cazin, Otto K., Hoboken, N. J., assignor to Universal Camera Corporation, New York, N. Y. Camera mechanism. 2,309,382; Jan. 26.
- Cease, Robert R., Nameoki, assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,322,682; June 22.
- Cebik, James S., Devon, assignor to The Bridgeport Safety Emery Wheel Company, Inc., Stratford, Conn. Coolant control for cutoff machines. 2,307,019; Jan. 5.
- Ceeke, Methodius C., assignor to Richmond Manufacturing Company, Cockport, N. Y. Screen cleaner. 2,332,780; Oct. 26.
- Ceco Steel Products Corporation. (See Grempler, Edward C., assignor.)
- Cederlund, Albert, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Detector finger and tip. 2,322,828; June 29.
- Cederquist, Tage, Rockford, Ill. Combination step ladder. 2,312,448; Feb. 23.
- Cefoil Limited. (See Speakman, John B., assignor.)
- Cefoil Limited. (See Speakman, John B., and Chamberlain, assignors.)
- Cegelsky, Leo F. (See Dzula, Michael, assignor.)
- Cejka, Leo A. (See Thompson, G. L., and Cejka.)
- Celanese Corporation. (See Hallin, Jules E., assignor.)
- Celanese Corporation of America. (See Baggett, John L., assignor.)
- Celanese Corporation of America. (See Blutworth, Joseph E., assignor.)
- Celanese Corporation of America. (See Boaler, W. H., and Guyler, assignors.)
- Celanese Corporation of America. (See Bockhouse, Charles T., assignor.)
- Celanese Corporation of America. (See Britts, Emmett E., Jr., assignor.)
- Celanese Corporation of America. (See Carlson, Theodore E., assignor.)
- Celanese Corporation of America. (See Croft, C. M., Bergeron, and Dodge, assignors.)
- Celanese Corporation of America. (See Daly, A. J., Hawtin, and Shaw, assignors.)
- Celanese Corporation of America. (See Dodge, Frederick G., assignor.)
- Celanese Corporation of America. (See Dreyfus, C., and Martin, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., and Rowley, assignors.)
- Celanese Corporation of America. (See Dreyfus, C., and Schneider, assignors.)
- Celanese Corporation of America. (See Dreyfus, Henry, assignor.)
- Celanese Corporation of America. (See Dreyfus, H., and Groombridge, assignors.)
- Celanese Corporation of America. (See Dreyfus, H., Moncrieff and Hill, assignors.)
- Celanese Corporation of America. (See Elvin, W. J., and Hivick, assignors.)
- Celanese Corporation of America. (See Finlayson, Donald, assignor.)
- Celanese Corporation of America. (See Finlayson, D., Greenwood, and Latham, assignors.)
- Celanese Corporation of America. (See Groombridge, W. H., and Page, assignors.)
- Celanese Corporation of America. (See Guyler, A. F., Boaler, and Stanley, assignors.)
- Celanese Corporation of America. (See Haney, Clifford L., assignor.)
- Celanese Corporation of America. (See Haney, C. I., and Martin, assignors.)
- Celanese Corporation of America. (See Hawtin, P. R., and Gardner, assignors.)
- Celanese Corporation of America. (See Hayto, H. B., and Mattinson, assignors.)
- Celanese Corporation of America. (See Hilliard, Thomas H., assignor.)
- Celanese Corporation of America. (See House, K. R., and Olpin, assignors.)
- Celanese Corporation of America. (See Jackson, T., and Frearson, assignors.)
- Celanese Corporation of America. (See Keight, Albert W., assignor.)
- Celanese Corporation of America. (See King, Franklin, assignor.)
- Celanese Corporation of America. (See Lippmann, Daniel C., assignor.)
- Celanese Corporation of America. (See Lyem, Arthur, assignor.)
- Celanese Corporation of America. (See Moncrieff, R. W., and Sammons, assignors.)
- Celanese Corporation of America. (See Moss, William H., assignor.)

- Celanese Corporation of America. (See Olive, Charles E., assignor.)
- Celanese Corporation of America. (See Olpin, H. C., Angley, and Brown, assignors.)
- Celanese Corporation of America. (See Olpin, H. C., and McKnight, assignors.)
- Celanese Corporation of America. (See Olpin, H. C., and Stanley, assignors.)
- Celanese Corporation of America. (See Piperico, R. P., and Samsstoff, assignors.)
- Celanese Corporation of America. (See Reel, Raymond D., assignor.)
- Celanese Corporation of America. (See Rooney, J. H., Hovtin, and Macpherson, assignors.)
- Celanese Corporation of America. (See Schneider, George, assignor.)
- Celanese Corporation of America. (See Schneider, G., Bludworth, and Croft, assignors.)
- Celanese Corporation of America. (See Seymour, G. W., and Ward, assignors.)
- Celanese Corporation of America. (See Seymour, G. W., and White, assignors.)
- Celanese Corporation of America. (See Simpson, W. R., and Howorth, assignors.)
- Celanese Corporation of America. (See Smoler, Richard R., assignor.)
- Celanese Corporation of America. (See Stahl, E. R., and Stearn, assignors.)
- Celanese Corporation of America. (See Stearn, William T., assignor.)
- Celanese Corporation of America. (See Steinberger, Alford J., assignor.)
- Celanese Corporation of America. (See Storey, Alvin B., assignor.)
- Celanese Corporation of America. (See Taylor, William I., assignor.)
- Celanese Corporation of America. (See Taylor, W. I., Olpin, and House, assignors.)
- Celanese Corporation of America. (See Taylor, W. I., and Pool, assignors.)
- Celanese Corporation of America. (See Thompson, R. F., and Stone, assignors.)
- Celanese Corporation of America. (See Van Brederode, Henry C., assignor.)
- Celanese Corporation of America. (See Whitehead, William, assignor.)
- Celanese Corporation of America. (See Willens, Robert A., assignor.)
- Celastec Corporation, The. (See Austin, P. R., and Quinlan, assignors.)
- Cello, Orlando, assignor to Scintilla Ltd., Soleure, Switzerland. Starting device for internal combustion engines. 2,333,765; Nov. 9.
- Cello, Orlando, assignor to Scintilla Ltd., Soleure, Switzerland. Variable crank gear. 2,335,645; Nov. 30.
- Cellulose Research Corporation. (See Olsen, F., Feldman, and Sheldon, assignors.)
- Cellulose Research Corporation, The. (See Olsen, Frederick, assignor.)
- Celotex Corporation, The. (See Eckert, Clarence R., assignor.)
- Celotex Corporation, The. (See Lindahl, Robert L., assignor.)
- Celotex Corporation, The. (See Muench, Carl G., assignor.)
- Central Commercial Company. (See Koehl, James A., assignor.)
- Central Commercial Company. (See Larsen, Merwin J., assignor.)
- Central Discount Company. (See Hudson, James L., assignor.)
- Central Hanover Bank and Trust Company. (See Freund, Berthold G., assignor.)
- Central Mine Equipment Co. (See Phipps, Orville, assignor.)
- Central Paper Box Company. (See Purchas, Frederick A., assignor.)
- Central Rubber & Mfg. Co. (See Heeter, E. W., and Woodhead, assignors.)
- Central Scientific Co. (See McConnell, John L., assignor.)
- Central Soya Company. (See Oberg, E. B., and Klein-smith, assignors.)
- Central States Paper & Bag Company. (See Abrahamson, Alvin A., assignor.)
- Central States Paper & Bag Company. (See Abramson, A. A., and Manthey, assignors.)
- Central States Paper & Bag Company. (See Abrahamson, Elmer D., assignor.)
- Central Trust Company, The, executor and trustee. (See Pierle, Henry C.)
- Century Electric Company. (See O'Daniel, Clarence, assignor.)
- Century Electric Company. (See Schiff, Martin, assignor.)
- Century Motors Corporation. (See Dusevoir, Julius, assignor.)
- Century Motors Corporation. (See Smith, Frank M., assignor.)
- Century Motors Corporation. (See Toubhans, Rene H., assignor.)
- Cerecedo, Leopold R., New York, N. Y., and Jacob G. Tolpin, Chicago, Ill. Preparation of thiamine derivatives. 2,334,067; Nov. 9.
- Cereghino, Joseph, Los Angeles, Calif., assignor to American Can Company, New York, N. Y. Soldering machine. 2,322,224; June 22.
- Cereghino, Joseph, Los Angeles, Calif., assignor to American Can Company, New York, N. Y. Container. 2,324,484; July 20.
- Cerf, Leach, assignor to Graphite Free Company, Los Angeles, Calif. Drilling fluid and drilling and lubricating wells. 2,329,878; Sept. 21.
- Cerf, Ervin W. (See Cerf, S. P., and E. W.)
- Cerf, Sam P., St. Louis, and Ervin W. Cerf, University City, Mo. Bag. 2,331,536; Oct. 12.
- Ceriello, Alphonse, Concord, N. H. Football helmet. 2,329,457; Sept. 14.
- Crisano, Francis E., Bronx, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Flexible coupling. 2,335,170; Nov. 23.
- Cermak, William. (See Breithauer, J. H., and Cermak.)
- Cerow, Joseph A., Jr., Safford, Conn., assignor to The Chapman Valve Manufacturing Co., Indian Orchard, Mass. Valve operating means. 2,327,930; Aug. 21.
- Cerrachio, Enrico, Houston, Tex. Viewing device. 2,334,750; Nov. 23.
- Certain-Teed Products Corporation. (See Gardner, Harry F., assignor.)
- Certain-Teed Products Corporation. (See Hoggatt, Gilbert A., assignor.)
- Certain-Teed Products Corporation. (See MacNutt, Arthur D., assignor.)
- Certain-Teed Products Corporation. (See Peterson, Arthur S., assignor.)
- Cessna Aircraft Company. (See Salter, Tom B., assignor.)
- Cerrino, Thomas A. (See Mahoney, Charles F., assignor.)
- Chabaud, Gustave A., et al. (See Hall, Carlos, and Fernandez, assignors.)
- Chace, Thomas B., Winnetka, assignor to The Dole Valve Company, Chicago, Ill. Washing machine. 2,321,573; June 15.
- Chace, Thomas B., Winnetka, assignor to Chad Metals Industries, Inc., Chicago, Ill. Composite metal stock. 2,325,659; Aug. 2.
- Chace, Thomas B., Winnetka, assignor to The Dole Valve Company, Chicago, Ill. Making bimetal thermostatic elements. 2,327,500; Aug. 24.
- Chace, W. M., Company. (See Alban, C. F., and Hood, assignors.)
- Chace, W. M., Company. (See Matthews, Howard D., assignor.)
- Chadburn's (Ship) Telegraph Company Limited, et al. (See Eves, F. S., and Bamford, assignors.)
- Chaddock, Clarence F., Los Angeles, Calif. Crowbar and pinch bar. 2,325,227; July 27.
- Chadeloid Chemical Company. (See Ellis, C., assignor.)
- Chadwick, William, Toronto, Ontario, Canada. Collar support. 2,334,068; Nov. 9.
- Chaffee, Raymond O., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Manufacturing lock nuts. 2,317,094; Apr. 20.
- Chai Globe Company, The. (See Stotz, Charles K., assignor.)
- Chain Belt Company. (See Albrecht, Walter M., assignor.)
- Chain Belt Company. (See Ball, Charles F., assignor.)
- Chain Belt Company. (See Kurtz, Adolph L., assignor.)
- Chain Belt Company. (See Longenecker, Charles L., assignor.)
- Chain Belt Company. (See McMillan, Andrew, assignor.)
- Chain Belt Company. (See Stuller, Frank G., assignor.)
- Chain Belt Company. (See Vahl, G. K., and Hildeheimer, assignors.)
- Chaineraft, Inc. (See Rasch, Henry, assignor.)
- Chain Store Products Corporation. (See Boedigheimer, Raymond J., assignor.)
- Chalfant, William E., Finner Darby, and H. F. McConomy, assignors to The Atlantic Refining Company, Philadelphia, Pa. Recovery of phenol in gas purification systems. 2,326,122; Aug. 10.
- Chalkley, Lyman, Brick Township, Ocean County, N. J. Nuclear substituted triarylmethane derivatives and making them. 2,325,038; July 27.
- Chalkley, Lyman, Brick Township, Ocean County, N. J. Vegetative propagation of plants. 2,328,193; Aug. 31.
- Chalkley, Lyman, Point Pleasant, N. J., assignor to Government of the United States as represented by the Executive Director of the Office of Economic Warfare. Packaging dehydrated molasses. 2,333,638; Nov. 9.
- Challand, Charles O., De Kalb, Ill. Harrow. 2,321,359; June 8.
- Challet, Etienne, Bern, assignor of one-fourth to the firm Entreprises Electriques Fribourgeoises, Fribourg, Switzerland. Combination switch for the control of electro-thermal apparatus. 2,318,055; May 4.
- Challet, Etienne, Bern, assignor of one-fourth to the firm Entreprises Electriques Fribourgeoises, Fribourg, Switzerland. Electric heating plate. 2,330,867; Oct. 5.
- Chalmers, Bruce. (See Tait, W. H., and Chalmers.)
- Chalmers, John W., assignor to Motus Machine Company, Limited, Deptford, London, England. Machine for assembling and charging machine-gun cartridge belts of the disintegrating type. 2,335,646; Nov. 30.
- Chalmers, Raymond W., Detroit, Mich. Tape printing machine. 2,323,976; July 13.

- Chalupa, Joseph F., Norwood, and W. H. Lloyd, Philadelphia, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade shroud fastening apparatus. 2,315,594; Apr. 6.
- Chamberlain, Alfred J., Wauwatosa, Wis. Container. 2,335,260; Nov. 30.
- Chamberlain, Alfred J., Milwaukee, Wis. Container. 2,335,647; Nov. 30.
- Chamberlain, George H., Jr., San Jose, Calif. Diaphragm inserter. 2,324,455; July 20.
- Chamberlain, Harold L., Knoxville, Tenn., assignor to Electro Manganese Corporation, Minneapolis, Minn. Electrodeposition of manganese and cathode therefor. 2,325,660; Aug. 3.
- Chamberlain, Inc. (See Faber, Robert E., assignor.)
- Chamberlain, Joseph W., Zeeland, Mich. Refrigerating apparatus. 2,323,308; July 6.
- Chamberlain, Leonard C. (See Grebe, J. J., and Chamberlain.)
- Chamberlain, Leonard C., Jr. (See Reinhardt, R. C., and Chamberlain.)
- Chamberlain, Leonard C., assignor to The Dow Chemical Company, Midland, Mich. Treatment of wells producing mineral fluid. 2,327,017; Aug. 17.
- Chamberlain, Norman H. (See Speakman, John B., and Chamberlain.)
- Chamberlain, William H., Higham Ferrers, England. Counter molding machine. 2,326,437; Aug. 10.
- Chamberlain, Alan C., and H. W. Nieman, Bethlehem, Pa., assignors to Bethlehem Steel Company. Strip marking device. 2,312,626; Mar. 2.
- Chamberlin, John W., and R. E. Bassett, Jr., South Bend, Ind., assignors to Bendix Home Appliances, Inc., Detroit, Mich. Cleaning textile and similar materials. Re. 22,375; Sept. 14.
- Chamberlin, Joseph F., and J. E. Love, Chicago, Ill. Collapsible cart for golf clubs. 2,335,579; Nov. 30.
- Chamberlin, Merle H., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated fabric. 2,335,739; Nov. 30.
- Chamberlin Metal Weather Strip Company. (See Ingersoll, E. B., and Willett, assignors.)
- Chamberlin Metal Weather Strip Company. (See Julien, Louis F., assignor.)
- Chamberlin Metal Weather Strip Company. (See Pillsbury, H. G., and Ingersoll, assignors.)
- Chamberlin Metal Weather Strip Company. (See Willett, Leon E., assignor.)
- Chambers, Allan C., Detroit, Mich. Brake. 2,319,583; May 18.
- Chambers Corporation. (See Phares, Thomas E., assignor.)
- Chambers, E. Curtis, et al. (See Stephenson, William E., assignor.)
- Chambers, Francis S., Jr., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitrite composition. 2,316,154; Apr. 13.
- Chambers, Francis S., Jr., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Salt composition. 2,327,567; Aug. 24.
- Chambers, Isaac M., Narberth, Pa. Railway car truck. 2,308,054; Jan. 12.
- Chambers, Jewel C., Los Angeles, Calif., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,336,671; Dec. 14.
- Chambers, Laura A., St. Louis, Mo. Liquid applicator. 2,311,367; Feb. 16.
- Chambers, Perry O., assignor to Safety Vulcanizer Company, Chicago, Ill. Tire vulcanizing equipment. 2,315,934; Apr. 6.
- Chambers, Steven, assignor of one-half to J. J. Kern, New York, N. Y. Drainboard guard. 2,323,454; July 6.
- Chambers, Torrence H., Ardmore, Pa. Television. 2,319,789; May 25.
- Chambers, Warren F., Berkley, Mich. Tee carrier. 2,321,360; July 8.
- Chambliss, Frank G., Kansas City, Mo., assignor to The Hinde & Hauch Paper Company, Sandusky, Ohio. Delivery case. 2,324,905; July 20.
- Champayne, Roy J., Rockford, Ill. Pneumatic hammer. 2,309,097; Jan. 26.
- Champayne, Roy J., Rockford, Ill. Rubbing machine. 2,334,417; Nov. 16.
- Champayne, Roy J., Rockford, Ill. Rubbing shoe. 2,334,173; Nov. 16.
- Champion, Harry M., Little Falls, N. Y. Draining device. 2,337,292; Dec. 21.
- Champion, Howard W., Detroit, Mich. Musical device. 2,322,642; Oct. 16.
- Champion, Inc. (See West, Maxwell A., assignor.)
- Champion Paper and Fibre Company, The. (See Bradner, D. B., and Montgomery, assignors.)
- Champion Paper and Fibre Company, The. (See Bradner, D. B., and Munro, assignors.)
- Champion Paper and Fibre Company. (See Montgomery, William J., assignor.)
- Champion Paper and Fibre Company, The. (See Munro, George C., assignor.)
- Champion Paper and Fibre Company, The. (See Warner, Edgar, assignor.)
- Champion Pecan Machine Company, The. (See Meyer, Leo J., assignor.)
- Champion, Raymond D., San Gabriel, and L. E. Fry, Los Angeles, Calif. Liquid dispensing device. 2,323,378; July 6.
- Champion Spark Plug Company. (See Jeffrey, Joseph A., assignor.)
- Champion Spark Plug Company. (See Kushler, Clarence A., assignor.)
- Champion Spark Plug Company. (See Riddle, Frank H., assignor.)
- Champion, William J., assignor to Ditto, Incorporated, Chicago, Ill. Highly resistant hectograph blanket. 2,313,124; Mar. 9.
- Champion, William J., assignor to Ditto, Incorporated, Chicago, Ill. Duplication process and master sheet for use therein. 2,320,769; June 1.
- Champion, William J., La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Increasing the fade resistance of duplication copies. 2,332,696; Oct. 26.
- Champion, William J., La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating process for reproducing color designs of high color intensity. 2,337,737; Dec. 28.
- Champion, William L., Mocksville, N. C. Bobbin counter operating means. 2,329,825; Sept. 21.
- Champlin, Franklin J., Dalton, Mass., assignor to General Electric Company. Electrical regulator. 2,324,822; July 20.
- Champney, Guy W. (See Reagan, M. E., and Champney.)
- Chance, A. B., Company. (See Chance, Albert B., assignor.)
- Chance, A. B., Company. (See Hubbard, David C., assignor.)
- Chance, A. B., Company. (See Isbell, Jackson T., assignor.)
- Chance, A. B., Company. (See Kerby, Lowell J., assignor.)
- Chance, A. B., Company. (See Swearingen, William C., assignor.)
- Chance, Albert B., assignor to A. B. Chance Company, Centralia, Mo. Pole guying fixture. 2,309,751; Feb. 2.
- Chance, Britton, Mantoloking, N. J. Automatic steering gear. 2,337,589; Dec. 28.
- Chance Brothers and Co. Limited. (See English, John, assignor.)
- Chandler, Daniel L., and F. H. Walker, Salem, and G. W. Ewing, Peabody, assignors to Aressee Company Inc., Salem, Mass. Floating drive mechanism for automobile door windows. 2,336,530; Dec. 14.
- Chandler, Edward F., Brooklyn, N. Y. Heating system. 2,327,339; Aug. 24.
- Chandler, Edward F., Brooklyn, N. Y., assignor to J. P. Chandler, as trustee. Boiler. 2,331,857; Oct. 12.
- Chandler-Evans Corporation. (See Bauernschmid, Paul P., assignor.)
- Chandler-Evans Corporation. (See Chandler, Milton E., assignor.)
- Chandler-Evans Corporation. (See Schlosser, Arthur G., assignor.)
- Chandler, Harvey J., et al. (See Bloodgood, Alonzo J., assignor.)
- Chandler, Homer P., deceased, late of Mansfield, Ohio, by Lillian C. Chandler, Mansfield, Ohio, administratrix, assignor to The Ohio Brass Company, Mansfield, Ohio. Junction box. 2,317,667; Apr. 27.
- Chandler, Homer P., deceased, by L. C. Chandler, administratrix, assignor to The Ohio Brass Company, Mansfield, Ohio. Motor starter. 2,321,798; June 15.
- Chandler, John P., trustee. (See Chandler, Edward F., assignor.)
- Chandler, Lillian C., administratrix. (See Chandler, Homer P., assignor.)
- Chandler, Milton E., Birmingham, Mich., assignor, by mesne assignments, to Chandler-Evans Corporation, Meriden, Conn. Fuel control means. Re. 22,254; Jan. 26.
- Chandler, Milton E., New Britain, Conn., assignor to Chandler-Evans Corporation. Fluid pump. 2,318,292; May 4.
- Chandler & Price Company, The. (See Jirousek, Joseph F., assignor.)
- Chandler & Price Company, The. (See Root, Charles F., assignor.)
- Chandler & Price Company, The. (See Rupp, William C., assignor.)
- Chandler, Tommie B., Compton, Calif. Angle iron clamp. 2,324,301; July 13.
- Chandler, Tommie B., Compton, Calif. Plate clamp. 2,324,362; July 13.
- Chaney, Newcomb K., Moylan, Pa., assignor to The United Gas Improvement Company. Production of valuable hydrocarbons. 2,327,842; Aug. 24.
- Channell, James W., San Marino, Calif. Distributing terminal. 2,318,755; May 11.
- Channing, Robert, Company. (See Levaggi, Albert F., assignor.)
- Channing, Robert, Company. (See Woodward, R. E., and MacLean, assignors.)
- Chantler, Thomas, Grotton, near Oldham, England, assignor to Platt Brothers and Company Limited, Oldham, England. Drawing-off arrangement or mechanism for dealing with fleeces intermediate of scribbles or carding machines. 2,326,351; Aug. 10.
- Chanut, Paul A., assignor to Aris Gloves, Inc., New York, N. Y. Glove construction. 2,314,922; Mar. 30.

- Chapal Donner Corporation, The. (See Donner, Carl H., assignor.)
- Chapal Donner Corporation, The. (See Plasa, Robert H., assignor.)
- Chapin, Luedel, Omaha, Nebr. Draftsman's implement. 2,313,893; Apr. 6.
- Chapin, Russell A., Santa Monica, Calif. Telephone dial machines. 2,334,903; Nov. 23.
- Chapin, Charles J. (See Chaplin, Merle P. and C. J.)
- Chapin, Charles J., South Portland, assignor to Chaplin Corporation, Portland, Maine. Method of pulp molding. 2,321,574; June 15.
- Chaplin Corporation. (See Chaplin, Charles J., assignor.)
- Chaplin Corporation. (See Chaplin, Merle P., assignor.)
- Chaplin Corporation. (See Chaplin, Merle P. and C. J., assignors.)
- Chaplin, Joseph, Baltimore, Md. Gate valve. 2,316,933; Apr. 20.
- Chaplin, Merle P., assignor to Chaplin Corporation, South Portland, Maine. Pulp molding machine and distributing device. 2,307,022; Jan. 5.
- Chaplin, Merle P. and C. J., assignors to Chaplin Corporation, Portland, Maine. Method of and apparatus for producing pulp articles. 2,326,758; Aug. 17.
- Chapman, Arthur W., Putney, London, England. Device for the comparative balancing of golf clubs and other implements used in sport. 2,307,577; Jan. 12.
- Chapman, C. (See Artinian, A., and Chapman.)
- Chapman, Edward L. (See Statia, Edwin V., Sr., assignor.)
- Chapman, Edwin C. (See Finlayson, F. E., and Chapman.)
- Chapman, Ernest. (See Davidson, A., Chapman, McQueen and Payman.)
- Chapman, Florence H., et al. (See Fox, Ellis W., assignor.)
- Chapman, Frank D., Berlin, Wis. Receptacle filler. 2,321,994; June 15.
- Chapman, Frank D., Berlin, Wis. Container. 2,337,869; Dec. 28.
- Chapman, George T., Detroit, Mich. Display device. 2,334,751; Nov. 23.
- Chapman, Herbert H., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Screw-threading appliance. 2,312,149; Feb. 23.
- Chapman, John B. (See Baldwin, R. L., and Chapman.)
- Chapman, Penrose E., Sr., St. Louis, Mo. Wire tensioning device. 2,320,264; May 25.
- Chapman, Thomas G., Tucson, Ariz., and V. W. Winters, Los Angeles, Calif., assignors of one-half to said Chapman and one-half to The Eagle-Picher Mining and Smelting Company, Joplin, Mo. Cyanidation of ore pulps with limited agitation. 2,315,187; Mar. 30.
- Chapman, Thomas S., Houston, Tex., assignor to Standard Oil Development Company. Drilling fluid. 2,327,501; Aug. 24.
- Chapman Valve Manufacturing Co., The. (See Cerow, Joseph A., Jr., assignor.)
- Chappell, Norman W., Amersham, England. Spectacles and like eyewear. 2,329,100; Sept. 7.
- Chappell, Ralph R., Richmond, Va., R. B. Colt, and R. J. Streb, Baltimore, Md., assignors to Bendix Aviation Corporation, Bendix, N. J. Indicator. 2,308,645; Jan. 19.
- Chappell, Ralph R., Richmond, Va., and R. B. Colt, Baltimore, Md., assignors to Bendix Aviation Corporation, Bendix, N. J. Accelerometer. 2,317,028; Apr. 20.
- Chappell, Ralph R., Richmond, Va., and R. B. Colt, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Shutter mechanism. 2,321,361; June 8.
- Chappell, Ralph R., Richmond, Va., R. B. Colt, and R. J. Streb, Baltimore, Md., assignors to Bendix Aviation Corporation, Bendix, N. J. Recorder. 2,328,054; Aug. 31.
- Chappory, Andrew, Brooklyn, assignor to National Biscuit Company, New York, N. Y. Display rack. 2,315,595; Apr. 6.
- Chappory, Andrew, Brooklyn, assignor to National Biscuit Company, New York, N. Y. Display support for containers. 2,330,868; Oct. 5.
- Charbonneau, Wilson A., Burlington, Iowa. Automatic frequency regulator. 2,316,561; Apr. 13.
- Chard, Richard E. (See Brown, C. D., and Chard.)
- Chard, Richard E., Milford, assignor to Draper Corporation, Hopedale, Mass. Uniform shuttle tension. 2,335,483; Nov. 30.
- Charlebois, Antoine. (See McMahon, E. E., and Charlebois.)
- Charles, Ash S., Milford, Mich. Wheel mounting means. 2,336,767; Dec. 14.
- Charles, Hubert N., assignor to The Austin Motor Company, Limited, Birmingham, England. Liquid cooling system for internal combustion engines. 2,336,068; Dec. 7.
- Charles, U. G., et al. (See Tripp, L. R., and Oppenud, assignors.)
- Charles, Ulysses G., et al. (See Mehl, Fred J., assignor.)
- Charles of The Ritz, Inc. (See Conant, Polly A., assignor.)
- Charlotte Chemical Laboratories, Inc. (See Oliver, T. C., Long, and Crosson, assignors.)
- Charlton, John M., assignor to R. A. Simpson Manufacturing Company, Inc., Oakland, Calif. Butter mold. 2,319,584; May 18.
- Charlton Woolen Company. (See Alix, Elmer C., assignor.)
- Charney, Aaron, Chicago, Ill. Fabric glove and producing the same. 2,329,590; Sept. 14.
- Charpentier, Edouard P., San Pedro, assignor of forty-five per cent to W. J. Gillis, and ten per cent to J. W. Baker, Los Angeles, Calif. Automatic fishhook lure. 2,326,620; Aug. 10.
- Chase Brass & Copper Co. (See Dempsey, Michael J., assignor.)
- Chase Brass & Copper Co. (See Reichenbach, Howard F., assignor.)
- Chase Brass & Copper Co. (See Shoemaker, Richard W., assignor.)
- Chase Brass & Copper Co. Incorporated. (See Crampton, D. K., and Burghoff, assignors.)
- Chase Brass & Copper Co. Incorporated. (See Pope, Elton A., assignor.)
- Chase Brass & Copper Co., Incorporated. (See Schill, Charles J., assignor.)
- Chase Brass & Copper Co. Incorporated. (See Shoemaker, Richard W., assignor.)
- Chase, Corson W., assignor to Chicago Pump Company, Chicago, Ill. Comminutor. 2,322,922; June 29.
- Chase, Corson W., Marion, Ind., assignor to Chicago Pump Company. Through-flow comminutor. 2,336,069; Dec. 7.
- Chase, George C., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,309,240; Jan. 26.
- Chase, Giles Sullivan, Thomas E., assignor.)
- Chase, Herbert S., Elizabeth, and G. C. Caine, Bayonne, N. J., assignors, by mesne assignments, of three-fourths to Tide Water Associated Oil Company, New York, N. Y. Producing lubricating oils. 2,308,490; Jan. 19.
- Chase, James W., Neenah, assignor to Marathon Paper Mills Company, Rothschild, Wis. Container. 2,323,447; July 6.
- Chase-Shawmut Company, The. (See Taylor, Elmer H., assignor.)
- Chase-Shawmut Company, The. (See Wood, Morris B., assignor.)
- Chaskin, Harold, New York, N. Y. Lock nut. 2,336,164; Dec. 7.
- Chaston, Jack C., Wembley, Middlesex, England. Electric heating element. 2,311,028; Feb. 16.
- Chatelain, John B., and G. A. Cain, Freeport, Tex., assignors to Freeport Sulphur Company, New York, N. Y. Method and apparatus for providing a controlled supply of sulphur combustion gases. 2,310,173; Feb. 2.
- Chatfield, Franklin, and J. M. Lindh, assignors to Munsingwear, Inc., Minneapolis, Minn. Man's undergarment. 2,310,839; Feb. 9.
- Chatfield, Franklin, and J. M. Lindh, assignors to Munsingwear, Inc., Minneapolis, Minn. Man's undergarment. 2,328,953; Sept. 7.
- Chatham Manufacturing Company. (See Butler, Albert L., assignor.)
- Chatterton, Rollin M., Malden, and P. F. Paffen, Cambridge, assignors to Fuel Research Development Corporation, Boston, Mass. Continuous process for making carburized water gas. 2,336,466; Dec. 14.
- Chausse, Wilfred G., Detroit, Mich. Heating apparatus. 2,317,441; Apr. 27.
- Chautauqua Cabinet Company. (See Ruckman, Albert J., assignor.)
- Chavennes, Marc A. (See Schwartz, F. F., and Chavennes.)
- Chavin, Bernard. (See Krupp, Louis, assignor.)
- Chavin and Krupp. (See Krupp, Louis, assignor.)
- Cheasley, Thomas C., Kansas City, Mo. Combination retractor and hearth for stokers. 2,320,410; June 1.
- Cheeman, Richard D. (See Montgomery, C. L., and Cheeman.)
- Cheetham, Harold C., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Resinous composition. 2,334,904; Nov. 23.
- Cheetham, Harold C., Philadelphia, and R. J. Myers, Elkins Park, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Resin emulsions with constant viscosity. 2,308,474; Jan. 12.
- Cheetham, Harold C., and C. I. Levesque, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Resinous compositions. 2,317,668; Apr. 27.
- Chekian, Frank A., Modesto, Calif. Fruit halving device. 2,317,669; Apr. 27.
- Chelborg, Rudolph, Maplewood, N. J., assignor to The Linde Air Products Company. Automatic desurfacing machine. 2,308,646; Jan. 19.
- Chelborg, Rudolph, Maplewood, J. H. Bucknam, Cranford, and A. M. Keller, Livingston, N. J., assignors to The Linde Air Products Company. Apparatus for conditioning metal bodies. 2,323,977; July 13.
- Chemical Construction Corporation. (See Booth, Robert B., assignor.)
- Chemical Construction Corporation. (See Erickson, Stephen E., assignor.)
- Chemical Construction Corporation. (See Titlestad, N., and Allen, Jr., assignors.)
- Chemical Development, Inc. (See Fowler, G. B., and Patilloch, assignors.)

- Chemical Foundation, Incorporated, The. (See Hooper, Florence E., assignor.)
- Chemical Foundation, Incorporated, The. (See Reeves, Richard E., assignor.)
- Chemical Marketing Company Inc. (See Kloefer, Harry, assignor.)
- Chemical Novelties Corporation. (See Ginn, Wells W., assignor.)
- Chemical Seed Treating and Delinting Corporation. (See Kettenbach, Oscar L., assignor.)
- Chenault, Roy L., Oakmont, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Shock absorbing apparatus. 2,309,499; Jan. 26.
- Chenault, Roy L., Oakmont, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Filter for inverted pumps. 2,325,661; Aug. 3.
- Chenault, William B., Wellsville, N. Y., and A. E. Miller, Westfield, N. J., assignors to Sinclair Refining Company, New York, N. Y. Decolorizing a viscous mineral oil. 2,321,457; June 8.
- Chenault, William B., Wellsville, N. Y., and A. E. Miller, Westfield, N. J., assignors to Sinclair Refining Company, New York, N. Y. Decolorizing a mineral oil. 2,321,459; June 8.
- Chenault, William B., Wellsville, N. Y., and A. E. Miller, Westfield, N. J., assignors to Sinclair Refining Company, New York, N. Y. Decolorizing mineral oil. 2,321,460; June 8.
- Chéneau, Louis J. J.-B., Paris, France; vested in the Alien Front Custodian. Automotive vehicle. 2,316,223; Apr. 13.
- Cheney, Harry A. (See de Simó, M., McMillan, and Cheney.)
- Cheney Weeder Company. (See Rubens, Timothy, assignor.)
- Chenick, Albert G. (See Pollack, M. A., and Chenick.)
- Chenick, Joseph A. (See Rosenwald, R. H., and Chenick.)
- Chenick, Joseph A., assignor to Universal Oil Products Company, Chicago, Ill. Color inhibitor. 2,311,929; Feb. 23.
- Chenick, Joseph A., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,314,388; Mar. 23.
- Chenick, Joseph A., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,318,196; May 4.
- Chenick, Joseph A., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of gasoline. 2,329,251; Sept. 14.
- Chenick, Joseph A., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of gasoline. 2,333,294; Nev. 2.
- Chenoweth, Ray M. (See Irwin, E. M., Lewis, Duval, Rule, and Chenoweth.)
- Cherdakoff, Pierre, University City, Mo. Display form. 2,325,173; July 27.
- Cheremoff, Serge W., Canaan, N. H. Doorstop. 2,312,235; Feb. 23.
- Cherkin, Arthur, Los Angeles, assignor to Don Baxter, Inc., Glendale, Calif. Closure for containers. 2,334,905; Nov. 23.
- Cherksey, Arthur C. (See Matthews, E. I., Cherksey, and Scheinfeld.)
- Chernack, Abel E., Elmwood, Conn. Collapsible tubing and producing the same. 2,337,373; Dec. 21.
- Chernack, Abel E., Elmwood, Conn. Collapsible tubing. 2,337,374; Dec. 21.
- Cherry, Andrew J., assignor to Economy Screw Corporation, Chicago, Ill. Method and apparatus for making self-tapping screws. 2,330,869; Oct. 5.
- Cherry-Burrell Corporation. (See Boileau, Arthur H., assignor.)
- Cherry-Burrell Corporation. (See Fielder, H. S., and Ott, assignors.)
- Cherry-Burrell Corporation. (See Trier, C. L., and Livingston, assignors.)
- Cherry-Burrell Corporation. (See Weinreich, C. F., and Vogenthaler, assignors.)
- Cherry, Carl W., and A. S. Mulkard, San Francisco, Calif., said Mulkard assignor to said Cherry. Rivet and making the same. 2,317,360; Apr. 27.
- Cherry, John. (See Knoche, W. J., and Cherry.)
- Cherry, Robert, Los Angeles, assignor to E. H. Jr., and Cherry.)
- Chertok, Oscar J., Brooklyn, N. Y. Shoe tip protector. 2,325,741; Aug. 3.
- Chertok, Oscar J., Brooklyn, N. Y. Shoe tip protector. 2,334,474; Nov. 16.
- Choshler, Leonard A., Lancaster, Tex. Prefabricated building. 2,332,059; Oct. 19.
- Chesler, Abraham E., Woodmere, N. Y. Lock. 2,307,110; Jan. 5.
- Chesler, Gustave E., Pittsburgh, Pa. Portable desk. 2,325,039; July 27.
- Chesler, Isidor, Oceanport, N. J., assignor to Eagle Pencil Company, New York, N. Y. Attrition mill and method. 2,315,083; Mar. 30.
- Chesler, Isidor, Oceanport, N. J., assignor to Eagle Pencil Company, New York, N. Y. Attrition mill. 2,315,084; Mar. 30.
- Chesler, Isidor, Oceanport, N. J., assignor to Eagle Pencil Company, New York, N. Y. Pencil. 2,319,585; May 18.
- Chesney, Robert M., assignor to The Steel Sanitary Company, Alliance, Ohio. Apparatus for making tubs. 2,325,369; July 27.
- Chesnut, John D., Los Angeles, Calif., assignor, by mesne assignments, to International Cementers, Inc. Cementing oil wells and the like. 2,319,720; May 18.
- Chester, Allan E., assignor to Poor & Company, Chicago, Ill. Enamel coating for ferrous metals. 2,321,656; June 15.
- Chester, Allan E., assignor to Poor & Company, Chicago, Ill. Enamel coating for ferrous metals. 2,321,657; June 15.
- Chester, Allan E., assignor to Poor & Company, Chicago, Ill. Process for use in coating metal surfaces. 2,321,658; June 15.
- Chester, Dorothy G., Daytona Beach, Fla. Nursing bottle and nipple guard. 2,310,515; Feb. 9.
- Chester, Thomas, New York, N. Y. Centrifugal apparatus. 2,329,696; Sept. 21.
- Chesterfield, Martin. (See Burns, S. L., and Chesterfield.)
- Chesterman Leeland Company. (See Mason, James H., assignor.)
- Cheston, Arthur S., et al. (See Oldham, Fred A. M., assignor.)
- Cheston, Basil, et al. (See Oldham, Fred A. M., assignor.)
- Chevigny, Georges P., assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge apparatus. 2,310,936; Feb. 16.
- Chevigny, Georges P., assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge tube. 2,317,442; Apr. 27.
- Chevigny, Georges P., assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge device. 2,324,766; July 20.
- Chevigny, Georges P., assignor to International Standard Electric Corporation, New York, N. Y. Ultra high frequency electron discharge device. 2,333,295; Nov. 2.
- Chew, Clarence, Alton, Ill., assignor to Owens-Illinois Glass Company, Handle for bottles. 2,307,390; Jan. 5.
- Chiappinelli, Quirino, Providence, R. I., assignor of one-half to M. E. Proctor, New Haven, Conn. Pivot mounting for pins of brooches and the like. 2,330,788; Sept. 28.
- Chiappinelli, Quirino, Providence, R. I., assignor of one-half to M. E. Proctor, New Haven, Conn. Safety catch for bar pins of brooches and the like. 2,330,789; Sept. 28.
- Chicago Aerial Survey Company. (See Sonne, Frederick T., assignor.)
- Chicago Belting Company. (See Ekkebus, Elroy D., assignor.)
- Chicago Bridge & Iron Company. (See Boardman, Harry C., assignor.)
- Chicago Bridge & Iron Company. (See Herman, George R., assignor.)
- Chicago Bridge & Iron Company. (See Larson, Donald E., assignor.)
- Chicago By-Products Corporation. (See Guthrie, R. G., and Wilbur, assignors.)
- Chicago By-Products Corporation. (See Wittmann, Robert A., assignor.)
- Chicago Carton Company. (See Clarke, John D., assignor.)
- Chicago Carton Company. (See Smith, Milton A., assignor.)
- Chicago Carton Company. (See Smith, M. A., and Wilcox, assignors.)
- Chicago Coin Machine Co. (not Inc.). (See La Rock, Pat, assignor.)
- Chicago Development Company. (See Ambrose, Paul M., assignor.)
- Chicago Development Company. (See Davis, Charles W., assignor.)
- Chicago Development Company. (See Dean, Reginald S., assignor.)
- Chicago Development Company. (See Dean, R. S., and Anderson, assignors.)
- Chicago Development Company. (See McLaughlin, John J., assignor.)
- Chicago Development Company. (See Moss, Cresap M., assignor.)
- Chicago Die Casting Manufacturing Company. (See Koch, Paul F., assignor.)
- Chicago Die Casting Manufacturing Company. (See Koch, William P., assignor.)
- Chicago Electric Manufacturing Company. (See Benson, Bernhart A., assignor.)
- Chicago Electric Manufacturing Company. (See Ebert, Edward A., assignor.)
- Chicago Electric Manufacturing Company. (See Gough, James J., assignor.)
- Chicago Flexible Shaft Company. (See Dèlmonste, Jack, assignor.)
- Chicago Flexible Shaft Company. (See Jepson, Ivar, assignor.)
- Chicago Flexible Shaft Company. (See Koch, Ludvik J., assignor.)
- Chicago Flexible Shaft Company. (See Molnar, Charles L., assignor.)
- Chicago Flexible Shaft Company. (See Wright, Horace C., assignor.)
- Chicago Forging & Manufacturing Company. (See Hill, Rowland, assignor.)

- Chicago Hardware Foundry Company. (See Franklin, Raymond J., assignor.)
- Chicago Lock Company. (See Shinn, William C., assignor.)
- Chicago Metal Hose Corporation. (See Pentress, David W., assignor.)
- Chicago Metal Hose Corporation. (See Pentress, D. W., and Hughes, assignors.)
- Chicago Metal Hose Corporation. (See Johnson, Axel P., assignor.)
- Chicago Metal Mfg. Co. (See Vani, James, assignor.)
- Chicago Metalite Manufacturing Company. (See Linnel, Adrien L., assignor.)
- Chicago Pneumatic Tool Company. (See Amsberg, Lester A., assignor.)
- Chicago Pneumatic Tool Company. (See Amsberg, L. A., and Fitch, assignors.)
- Chicago Pneumatic Tool Company. (See Behule, Guy E., assignor.)
- Chicago Pneumatic Tool Company. (See Fischer, Howard R., assignor.)
- Chicago Pneumatic Tool Company. (See Fitch, Clifford E., assignor.)
- Chicago Pneumatic Tool Company. (See Fossum, Henry J., assignor.)
- Chicago Pneumatic Tool Company. (See Nast, Paul H., assignor.)
- Chicago Pneumatic Tool Company. (See O'Farrell, Matthew, assignor.)
- Chicago Pneumatic Tool Company. (See Schaeffer, Raymond J., assignor.)
- Chicago Pneumatic Tool Company. (See Snyder, Raymond C., assignor.)
- Chicago Pump Company. (See Chase, Corson W., assignor.)
- Chicago Pump Co. (See Lannert, William H., assignor.)
- Chicago Railway Equipment Company. (See Busse, Edwin G., assignor.)
- Chicago Railway Equipment Company. (See Busse, E. G., and Keller, assignors.)
- Chicago Railway Equipment Company. (See Wasberg, Axel, assignor.)
- Chicago Railway Equipment Company. (See Welp, Herman T., assignor.)
- Chicago Rawhide Manufacturing Company. (See Vede, Will, assignor.)
- Chicago Roller Skate Company. (See Ware, Robert R., assignor.)
- Chicago Seal Company. (See Karlberg, Arvid E., assignor.)
- Chicago Telephone Supply Company. (See Schellenberger, Newton C., assignor.)
- Chicago Telephone Supply Company. (See Turner, B. S., and Arisman, assignors.)
- Chicago Testing Laboratory, Inc. (See Alson, Gene, assignor.)
- Chicago Thrift Company. (See Prince, Arthur C., assignor.)
- Chicago Transformer Corporation. (See Koehler, Glenn, assignor.)
- Chicago Vitreous Enamel Product Co. (See Hogenson, William, assignor.)
- Chickinoff, James, and R. M. Roberts, Berkeley, and J. Burgin, Oakland, assignors to Shell Development Company, San Francisco, Calif. Catalytic dehydrogenation. 2,315,107; Mar. 30.
- Childester, William H., Lakewood, assignor of one-half to J. R. Snyder, Cleveland, Ohio. Rail clamp. 2,324,134; July 13.
- Childester, William H., Lakewood, and J. R. Snyder, Cleveland, Ohio. Rail fastening. 2,324,135; July 13.
- Childley, Rock C., El Monte, Calif. Garment hanger. 2,332,203; Oct. 19.
- Chika, John J. (See Cadwallader, R., and Chika.)
- Chilberg, Ernest E., Hastings, and E. H. Miller, Brady, Neb. Recorder. 2,307,487; Jan. 5.
- Child, William C., Westfield, N. J., assignor to Standard Oil Development Company. Stabilizing heavy fuel oil. 2,315,935; Apr. 6.
- Childers, Harry S., Fresno, Calif. Vending machine. 2,307,450; Jan. 5.
- Childhood Interests, Inc. (See Elsel, Vernon G., assignor.)
- Childress, William C., Oak Park, assignor to Acme Steel Company, Chicago, Ill. Sealing device. 2,315,596; Apr. 6.
- Chillson, Charles W. (See Clare, C. P., and Chillson.)
- Chilson, Francis, New York, N. Y., and I. Tornberg, Plainfield, N. J. Counting and filling machine. 2,324,823; July 20.
- Chilson, Warren A., Niagara Falls, N. Y., assignor to Masonite Corporation. Continuous mixer. 2,316,769; Apr. 20.
- Chilton Pen Company, The. (See Larmour, Thomas J., assignor.)
- Chilton, Ralph H., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Freezing tray. 2,337,450; Dec. 21.
- Chilton, Ralph H., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Freezing tray. 2,337,451; Dec. 21.
- Chilton, William D., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Clinch nut press. 2,327,401; Aug. 24.
- Chinnici, Michael, and R. Canish, Brooklyn, N. Y. Tuffing machine. 2,329,458; Sept. 14.
- Chiple, Alfred S., assignor to Burgess Battery Company, Chicago, Ill. Apparatus for silencing pulsating gas streams and separating particles therefrom. 2,329,101; Sept. 7.
- Chiple, Alfred S., assignor to Burgess Battery Company, Chicago, Ill. Air distributing apparatus for ventilating systems. 2,329,102; Sept. 7.
- Chipman Chemical Company. (See Seibert, F. J., and Koller, assignors.)
- Chirestein, Charles, Newark, N. J. Measuring mercury into fluorescent lamps. 2,341,920; Feb. 23.
- Chirestein, Nathan, Chicago, Ill. Fluorescent lamp switch. 2,329,103; Sept. 7.
- Chirestein, Nathan, Maplewood, N. J. Lamp control switch. 2,329,104; Sept. 7.
- Chirestein, Nathan, Maplewood, N. J. Socket for pin base lamps and tubes. 2,333,082; Nov. 2.
- Chirestein, Nathan, Maplewood, N. J. Attachment plug. 2,333,152; Nov. 2.
- Chirestein, Nathan, Maplewood, N. J. Tool for connecting insulated wires with attachment plug blades. 2,335,580; Nov. 30.
- Chisholm, James E., Portland, Oreg. Carburetor. 2,325,592; Aug. 24.
- Chisholm, George, New York, N. Y. Printing type. 2,332,437; Oct. 19.
- Chisholm, Gilbert G., London, Ontario, Canada. Ore pulp jig. 2,312,522; Mar. 2.
- Chisholm-Ryder Company, Incorporated. (See de Baek, William, assignor.)
- Chisholm-Ryder Company, Incorporated. (See Urschel, J. R., and de Baek, assignors.)
- Chism, Charles R., Pittsburg, Calif. Wire feeder for nail machines. 2,315,108; Mar. 30.
- Chittick, Martin B., Wilmette, Ill., and P. V. McKinney, Pittsburgh, Pa., assignors to The Pure Oil Company, Chicago, Ill. Sulphur polymer plastic compositions. 2,309,692; Feb. 2.
- Chittick, Martin B., Wilmette, and A. F. Schlant, Elmhurst, assignors to The Pure Oil Company, Chicago, Ill. Vulcanized, fatty oil modified, cracked distillate polymer. 2,330,798; Oct. 5.
- Chittum, James E., and G. E. Hulse, Passaic, N. J., assignors to United States Rubber Company, New York, N. Y. Rubber hydrochloride composition. 2,309,932; Feb. 2.
- Chittum, James P., and G. E. Hulse, Passaic, N. J., assignors to United States Rubber Company, New York, N. Y. Rubber hydrochloride composition. 2,324,278; July 13.
- Chitwood, Henry C. (See MacDowell, L. G., and Chitwood.)
- Chitz, Herman E., East Cleveland, Ohio, now by judicial change of name H. E. Sheets. Turboengine. 2,314,572; Mar. 23.
- Choate, Robert A., et al. (See Brunberg, Paul E., assignor.)
- Chollar, Robert G., assignor to The National Cash Register Company, Dayton, Ohio. Printing means. 2,318,465; May 4.
- Chorpening, Creed M., assignor to The Astatic Corporation, Youngstown, Ohio. Apparatus for recording and reproducing sound. 2,332,204; Oct. 19.
- Chot, Edward L., Chicago, Ill. Dental amalgamator. 2,334,315; Nov. 16.
- Chouinard, Alfred F. (See Mott, C., and Chouinard, assignors.)
- Chouinard, Alfred F., assignor to National Cylinder Gas Company, Chicago, Ill. Torch cutting machine. 2,335,590; Dec. 14.
- Chouines, Leslie C., assignor to Automotive Products Company, Limited, Leamington Spa, England. Brake for vehicles. 2,318,756; May 11.
- Chris Craft Corporation. (See Smith, Jay W., assignor.)
- Chrisman, Frank S., assignor to South Bend Toy Manufacturing Co., South Bend, Ind. Collapsible carriage. 2,335,484; Nov. 30.
- Chrisman, Horace, Edgewood, and J. F. Reid, Rosedale, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Reciprocating piston meter. 2,337,310; Dec. 21.
- Christ, Robert E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fiber-forming polymers and making them. 2,312,879; Mar. 2.
- Crist, Robert E., and W. E. Hanford, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of polyesters and product therefrom. 2,333,639; Nov. 9.
- Christ, Robert E., and W. E. Hanford, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated fabrics. 2,333,917; Nov. 9.
- Christald, Peter S., Wood-Ridge, and S. J. Koch, Clifton, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Polar coordinate cathode-ray tube. 2,328,259; Aug. 31.
- Christel, William F., Valders, Wis. Pea viner. 2,321,461; June 8.
- Christen, Gottfried, and A. H. Smith, Vancouver, British Columbia, Canada. Plaster cast cutting device. 2,330,952; Oct. 5.
- Christensen, August B., South Bethlehem, Pa. Lunch box. 2,314,688; Mar. 23.

- Christensen, Carl J., Flushing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coating bodies with carbon. 2,328,422; Aug. 31.
- Christensen, Carl J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Making resistors. 2,329,511; Sept. 14.
- Christensen, Carl W. (See Potts, R. H., and Christensen.)
- Christensen, Gary R. (See Duboc, W. A., Scheuer, and Christensen.)
- Christensen, Harold V., St. Clair Shores, assignor to Michigan Tool Company, Detroit, Mich. Checking device. 2,336,845; Dec. 14.
- Christensen, John. (See Etzel, K. G., and Christensen.)
- Christensen, Leo M., Moscow, Idaho, assignor to National Agrol Company, Inc., New York, N. Y. Apparatus for promoting mold growth. 2,325,368; July 27.
- Christensen Machine Company. (See Belluche, Elmer W., and Frank R., assignors.)
- Christensen, Martin, Milwaukee, Wis. Signature handling machine. Re. 22,359; Aug. 3.
- Christensen, Mitchell P., Chicago, Ill., assignor to Belden Manufacturing Company. Magnet casting. 2,325,832; Aug. 3.
- Christensen, Niels A., South Euclid, Ohio. Double-acting shock brake. 2,337,738; Dec. 28.
- Christensen, O. Nell, Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Illuminated instrument pointer. 2,314,817; Mar. 23.
- Christensen, Paul L., Pittsfield, Mass., assignor to General Electric Company. Stepped outline wound core. 2,333,164; Nov. 2.
- Christensen, Paul M., Newton, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Thermal relay reset actuator. 2,329,252; Sept. 14.
- Christenson, George, Plainfield, N. J., assignor to John-Manville Corporation, New York, N. Y. Packing. 2,318,757; May 11.
- Christenson, Gust J., assignor to Locomotive Firebox Company, Chicago, Ill. Thermia siphon. 2,321,362; June 8.
- Christian, Frank T., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine control. 2,332,028; June 29.
- Christian, Frank T., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,327,960; Aug. 24.
- Christian, Henry C., Berkeley, assignor of 1/4 to E. W. Stryker, Albany, Cal. Axle puller. 2,310,615; Feb. 9.
- Christian, Henry C., Berkeley, assignor of one-half to E. W. Stryker, Albany, Calif. Spring expander. 2,329,591; Sept. 14.
- Christian, Jack, Sanford, Fla. Vegetable washing machine. 2,322,417; June 22.
- Christian, Joseph D., San Francisco, Calif. Heat exchange screw conveyor. 2,321,185; June 8.
- Christiane, Harry C., assignor of one-half to J. Vogler, East Moline, Ill. Corn picker. 2,318,291; May 3.
- Christiansen, Andrew L., Willowbrook, Calif. Fish segregating, sizing, and directing apparatus. 2,314,479; Mar. 23.
- Christiansen, Walter G., Glen Ridge, N. J., and A. E. Jurist, Brooklyn, assignors to E. R. Squibb & Sons, New York, N. Y. Medicinal agent. 2,323,309; July 6.
- Christiansen, Walter G., Glen Ridge, N. J., and J. M. Ort, Rockville Centre, assignors to E. R. Squibb & Sons, New York, N. Y. Preparing cyclopropane. 2,325,591; Aug. 3.
- Christianson, Carl, Underwood, Minn. Closure actuator. 2,337,230; Dec. 21.
- Christianson, Oscar. (See Conradson, Conrad M., assignor.)
- Christianson, Oscar, trustee. (See Conradson, Conrad M., assignor.)
- Christie, Norman J. (See Hoover, H., Jr., Morgan, and Christie.)
- Christine Association, Inc. (See Clarke, Vernie E., assignor.)
- Christman, Clarence C. (See Tishler, M., and Christman.)
- Christman, John M., Grosse Pointe Woods, assignor to Packard Motor Car Company, Detroit, Mich. Engine. 2,319,113; May 11.
- Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Method of and machine for finishing gear teeth. 2,328,783; Sept. 7.
- Christman, Peter J., Green Bay, Wis. Winding apparatus. 2,318,096; May 3.
- Christmann, Friedrich. (See Pier, M., and Christmann.)
- Christmann, Ludwig J., Yonkers, N. Y., D. W. Jayne, Jr., Old Greenwich, and S. E. Erickson, Springdale, Conn., assignors to American Cyanamid Company, New York, N. Y. Froth flotation of acidic minerals. 2,312,387; Mar. 2.
- Christmann, Ludwig J., Yonkers, N. Y., D. W. Jayne, Jr., Old Greenwich, and S. E. Erickson, Springdale, Conn., assignors to American Cyanamid Company, New York, N. Y. Froth flotation of acidic minerals. 2,321,186; June 8.
- Christmann, Ludwig J., Yonkers, N. Y., and S. E. Erickson, Springdale, Conn., assignors to American Cyanamid Company, New York, N. Y. Flotation of cement minerals. 2,325,485; Nov. 30.
- Christofferson, Thorvald R. (See Nilsen, N., and Christofferson.)
- Christoph, Edward A., Chicago, Ill. Holding device. 2,331,112; May 11.
- Christopher, Edward F., assignor to Industrial Patents Corporation, Chicago, Ill. Curing gelatinous material stock. 2,309,340; Jan. 26.
- Christopher, Edward F., assignor to Industrial Patents Corporation, Chicago, Ill. Peptizing agent. 2,334,607; Nov. 16.
- Christopher, Elbert E., Oakland, Calif. Internal combustion engine. 2,337,543; Dec. 28.
- Christopher, Frank E., et al. (See Cappellanti, Harry, assignor.)
- Christopherson, Harold, Bronx, N. Y. Paint removing tool. 2,332,843; Oct. 26.
- Christy, Elmer W., Cincinnati, Ohio. Game disk. 2,325,109; July 27.
- Christy, Elmer W., and W. S. Dickson, Hamilton, Ohio. Method and machine for generating saw teeth. 2,329,879; Sept. 21.
- Christy, George C., Chicago, Ill. Auxiliary door construction. 2,315,365; Mar. 30.
- Chromium Mining and Smelting Corp., Limited. (See Timmins, Leo H., assignor.)
- Chromogen, Incorporated. (See Dreyfuss, Paul, assignor.)
- Chromogen, Incorporated. (See Gáspár, Béla, assignor.)
- Chromogen, Incorporated. (See Goldfinger, Paul, assignor.)
- Chromogen, Incorporated. (See Michaelis, Walter, assignor.)
- Chromogen, Incorporated. (See Schwarc, Laszlo, assignor.)
- Chromy, Benedict E., Grafton, N. Dak. Potato picking implement. 2,312,075; Feb. 23.
- Chruma, Stephen, Kansas City, Kans. Sandblast carving. 2,327,019; Aug. 17.
- Chrysler Corporation. (See Ashley, Luther M., assignor.)
- Chrysler Corporation. (See Ball, Thomas M., assignor.)
- Chrysler Corporation. (See Butterfield, John F., assignor.)
- Chrysler Corporation. (See Cadwallader, Robert, assignor.)
- Chrysler Corporation. (See Cadwallader, R., and Chika, assignors.)
- Chrysler Corporation. (See Calkins, William G., assignor.)
- Chrysler Corporation. (See Clark, Oliver H., assignor.)
- Chrysler Corporation. (See Dally, Walter E., assignor.)
- Chrysler Corporation. (See Dickson, John E., assignor.)
- Chrysler Corporation. (See Dickson, J. B., and Holbrook, assignors.)
- Chrysler Corporation. (See Dudley, John C., assignor.)
- Chrysler Corporation. (See Dunn, Jens W., assignor.)
- Chrysler Corporation. (See Dunn, William T., assignor.)
- Chrysler Corporation. (See Eady, Walter E., assignor.)
- Chrysler Corporation. (See Fishburn, Otto E., assignor.)
- Chrysler Corporation. (See Goode, G. C., and Harrington, assignors.)
- Chrysler Corporation. (See Hansen, Wray C., assignor.)
- Chrysler Corporation. (See Hazen, Adelbert G., assignor.)
- Chrysler Corporation. (See Horne, Olaf, assignor.)
- Chrysler Corporation. (See Jewell, Bernard W., assignor.)
- Chrysler Corporation. (See Keller, Robert T., assignor.)
- Chrysler Corporation. (See Lamb, E. F., Duff, and Ploetz, assignors.)
- Chrysler Corporation. (See Lively, Allen P., assignor.)
- Chrysler Corporation. (See Loveley, Joseph D., assignor.)
- Chrysler Corporation. (See Matulaitis, Victor E., assignor.)
- Chrysler Corporation. (See McKechnie, Ian C., assignor.)
- Chrysler Corporation. (See Muhleck, Earl M., assignor.)
- Chrysler Corporation. (See Murphy, Maxwell K., assignor.)
- Chrysler Corporation. (See Neeson, Charles R., assignor.)
- Chrysler Corporation. (See Neeson, C. R., and Wyld, assignors.)
- Chrysler Corporation. (See Neilson, Allan K., assignor.)
- Chrysler Corporation. (See Neracher, C. A., and Dunn, assignors.)
- Chrysler Corporation. (See Neracher, C. A., Dunn, Javelli, and Syrovoy, assignors.)
- Chrysler Corporation. (See Neracher, C. A., Dunn, Syrovoy, Javelli, Bucy, and Schotz, assignors.)
- Chrysler Corporation. (See Neracher, C. A., Patterson, Javelli, Bucy, Syrovoy, and Baker, assignors.)
- Chrysler Corporation. (See Neracher, C. A., Syrovoy, Dunn, Javelli, and Bucy, assignors.)
- Chrysler Corporation. (See Patterson, Herbert F., assignor.)
- Chrysler Corporation. (See Pennington, Gordon R., assignor.)
- Chrysler Corporation. (See Petersen, Edgar A., assignor.)
- Chrysler Corporation. (See Priebe, Edward H., assignor.)
- Chrysler Corporation. (See Rigoulot, Ulysses C., assignor.)
- Chrysler Corporation. (See Russell, Charles P., assignor.)
- Chrysler Corporation. (See Saunders, S. G., and Morrison, assignors.)

- Chrysler Corporation. (See Slack, Frederic W., assignor.)
- Chrysler Corporation. (See Steensen, Bernard, assignor.)
- Chrysler Corporation. (See Utz, Chester C., assignor.)
- Chrysler Corporation. (See Voorhees, H. R., and Breeze, assignors.)
- Chrysler Corporation. (See Wallace, David A., assignor.)
- Chrysler Corporation. (See Webb, Edmond F., assignor.)
- Chrysler Corporation. (See Williams, Burdell S., assignor.)
- Chrysler Corporation. (See Wilson, James E., assignor.)
- Chubb, Lewis W., Jr. (See Rogers, H. G., and Chubb, Jr.)
- Chubb, Lewis W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Measurement of torque and power transmitted by shafting. 2,313,923; Mar. 16.
- Chudnor, Joseph, Brooklyn, N. Y. Shock absorber. 2,320,221; May 25.
- Church, Ira L., assignor to Lottie Sanford, Reed City, Mich. Combination bean pulper and hoe. 2,330,679; Sept. 28.
- Church, Peter R. (See Rieger, E. W., Klein, and Church.)
- Church, Walter L., Houston, and William K. Holleran, Victoria, Tex. Drill stem valve. 2,329,981; Sept. 21.
- Churchill, Howard B., Rye, N. Y. Snow plow. 2,333,369; Nov. 2.
- Churchill, Howard B., Rye, N. Y. Snow removing apparatus. 2,333,361; Nov. 2.
- Churchill Machine Tool Company Limited, The. (See Asbridge, Harry H., assignor.)
- Churchill, Owen P., Los Angeles, Calif. Swim fin. 2,321,000; June 8.
- Churchill, Ralph H., Chicago, Ill. Cover. 2,309,933; Feb. 2.
- Churchill, Wesley B., Hollywood, Calif. Spectacle case. 2,320,253; Sept. 14.
- Churchill, Wilmer H., Saugus, assignor to United Carr Fastener Corporation, Cambridge, Mass. Fastening device for group wiring and the like. 2,327,324; Aug. 17.
- Churchill, Wilmer H., Saugus, assignor to United Carr Fastener Corporation, Cambridge, Mass. Electrical contact plug. 2,329,880; Sept. 21.
- Churchill, Wilmer H., Saugus, assignor to United Carr Fastener Corporation, Cambridge, Mass. Rotary stud fastener and installation thereof. 2,330,169; Sept. 21.
- Churchman, Russell C., Des Moines, Iowa. Nut lock. 2,322,347; June 22.
- Churchman, Russell C., and F. R. Johnston, Des Moines, Iowa. Automatic mechanism for draining water from tanks or the like. 2,330,027; Sept. 21.
- Churchward, Jack, New Haven, Conn. Fluid delivery apparatus. 2,315,085; Mar. 30.
- Churjian, Fann O. H., New York, N. Y. Treating tea. 2,325,370; July 27.
- Ciba Pharmaceutical Products, Incorporated. (See Hartmann, M., and Benz, assignors.)
- Ciba Pharmaceutical Products, Incorporated. (See Legerlotz, Helmut, assignor.)
- Ciba Pharmaceutical Products, Incorporated. (See Miescher, K., and Wettstein, assignors.)
- Ciba Pharmaceutical Products, Incorporated. (See Reichstein, Tadeus, assignor.)
- Ciba Pharmaceutical Products, Incorporated. (See Ruzicka, Leopold, assignor.)
- Ciba Pharmaceutical Products, Incorporated. (See Ruzicka, L., and Goldberg, assignors.)
- Ciba Pharmaceutical Products, Incorporated. (See Ruzicka, L., and Wettstein, assignors.)
- Ciba Pharmaceutical Products, Incorporated. (See Wettstein, Albert, assignor.)
- Ciba Products Corporation. (See Fisch, Will, assignor.)
- Ciba Products Corporation. (See Widmer, G., and Fisch, assignors.)
- Ciba Products Corporation. (See Widmer, G., and Rupert, assignors.)
- Cichoski, Zdzislaw J. (See Sommers, A. L., and Cichoski.)
- Cicozzi, John, et al. (See Morfy, Patsey, assignor.)
- Cieri, Dominick J., Hartford, Conn. Emergency brake for vehicles. 2,310,297; May 18.
- Cinch Manufacturing Corporation. (See Del Camp, Scipione M., assignor.)
- Cincinnati Ball Crank Company, The. (See Butler, Clyde G., assignor.)
- Cincinnati Ball Crank Company, The, et al. (See Woelfer, Frank C., assignor.)
- Cincinnati Ball Crank Company, The. (See Woelfer, Frank C., Jr., assignor.)
- Cincinnati Bickford Tool Company, The. (See Schauer, Lawrence L., assignor.)
- Cincinnati Bickford Tool Company, The. (See Schauer, L. L., and McIndowen, assignors.)
- Cincinnati Fly Screen Company, The. (See Milnor, Leland T., assignor.)
- Cincinnati Grinders Incorporated. (See Ernst, H., Dall, and Herfurth, assignors.)
- Cincinnati Grinders Incorporated. (See Binns, George W., assignor.)
- Cincinnati Grinders Incorporated. (See Dall, A. H., Ernst, and Einstein, assignors.)
- Cincinnati Industries, Inc. (See Rowe, William W., assignor.)
- Cincinnati Industries, Inc. (See Rowe, W. W., and Morris, assignors.)
- Cincinnati Milling Machine Co., The. (See Ernst, H., and Martellotti, assignors.)
- Cincinnati Milling Machine Co., The. (See Ernst, H., and Wortendyke, assignors.)
- Cincinnati Milling Machine Co., The. (See Hassman, Fred A., assignor.)
- Cincinnati Milling Machine Co., The. (See Hawley, A. H., Sr., and Vancil, assignors.)
- Cincinnati Milling Machine Co., The. (See Horlacher, Herman, assignor.)
- Cincinnati Milling Machine Co., The. (See Nenninger, L. E., and Hassman, assignors.)
- Cincinnati Milling Machine Co., The. (See Sachs, E. C., and Beach, assignors.)
- Cincinnati Milling Machine Co., The. (See Roehm, Erwin G., assignor.)
- Cincinnati Milling Machine Co., The. (See Tribble, Winthrop, assignor.)
- Cincinnati Milling Machine Co., The. (See Vancil, E. D., and Tribble, assignors.)
- Cincinnati Mine Machinery Company, The. (See Cartledge, J. R., and Brustle, assignors.)
- Cincinnati Mine Machinery Company, The. (See Stenger, Edwin P., assignor.)
- Cincinnati Planer Company, The. (See Daugherty, Jesse, assignor.)
- Cincinnati Shaper Company, The. (See Hazelton, Merrill W., assignor.)
- Cincinnati Time Recorder Company, The. (See Streckfuss, Elmer G., assignor.)
- Cinch Manufacturing Corporation. (See Del Camp, Scipione M., assignor.)
- Cinib, Giulio, Turin, Italy, assignor, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Switch control and indication system. 2,312,959; Mar. 2.
- Cipullo, Salvatore, Chicago, Ill. Gearshift mechanism. 2,323,616; July 6.
- Cipri Products Company. (See Black, John F., assignor.)
- Cirragione, Leonard, assignor to General Aniline & Film Corporation, Binghamton, N. Y. Film package. 2,335,107; Nov. 23.
- Cisar, Michael. (See Wild, Glenn D., assignor.)
- Cisin, Harry G., Brooklyn, N. Y. Electronic circuits. 2,317,178; Apr. 20.
- Cislak, Francis E., and M. M. Otto, assignors to Reilly Tar & Chemical Corporation, Indianapolis, Ind. Separation of metacresol and paracresol. 2,310,616; Feb. 9.
- Cislak, Francis E., Indianapolis, and O. D. Cunningham, Speedway City, assignors to Reilly Tar & Chemical Corporation, Indianapolis, Ind. Process of separating 2,4 lurtidine and 2,5 lurtidine. 2,320,322; May 25.
- Cislak, Francis E., and E. A. Karnatz, assignors to Reilly Tar & Chemical Corporation, Indianapolis, Ind. Separating 3 picoline, 4 picoline and 2,6 lurtidine. 2,335,828; Nov. 30.
- Cissna, Elton E., Bayonne, N. J. Astrological calculator. 2,315,316; Mar. 30.
- Cities Service Oil Company. (See Borden, Edmund G., assignor.)
- Cities Service Oil Company. (See Brandt, David G., assignor.)
- Cities Service Oil Company. (See Forney, William E., assignor.)
- Cities Service Oil Company. (See Kaplan, William, assignor.)
- Cities Service Oil Company. (See Morgan, J. D., and Lovitt, assignors.)
- Cities Service Oil Company. (See Opsal, Borger L., assignor.)
- Cities Service Oil Company. (See Sullivan, Alan P., assignor.)
- Cities Service Oil Company. (See Wynn, Samuel J., assignor.)
- Cito, Camillo, Uccle-Brussels, Belgium; vested in the Alien Property Custodian. Transforming rotary to reciprocatory motion as applied to cutting machines. 2,311,368; Feb. 16.
- City Engineering Company, The. (See Wilson, D. I., and Quinn, assignors.)
- City Fuel Oil and Coal Company. (See Johnston, James O., assignor.)
- Clack, Basil N., Wembley, England, assignor to General Electric Company. Thermal switch. 2,324,906; July 20.
- Clack, Basil N., Wembley, England, assignor to General Electric Company. Thermal switch. 2,324,907; July 20.
- Clad Metals Industries, Inc. (See Chace, Thomas B., assignor.)
- Classon, Martin A., Stockholm, assignor to Aktiebolaget Bofors, Bofors, and Aktiebolaget Standard Radiofabrik, Stockholm, Sweden. Gaseous electrical discharge device. 2,324,557; July 20.
- Claffey, Thomas J., Oconomowoc, Wis. Identification tag. 2,325,906; Aug. 3.
- Claiborne, Leonard J. (See Goans, R. A., and Claiborne.)
- Claire, Incorporated. (See Schlicker, Herman C., assignor.)
- Claire, Incorporated. (See Yven, E. J., and Michaels, assignors.)
- Clampitt, James M. (See Stillman, W. B., Scott, and Clampitt.)

- Clanon, William A., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Container. 2,322,205; Oct. 19.
- Clanton, Earl S., Fresno, Calif. Nonslip holder for cake soap. 2,319,847; May 25.
- Clapp, Charles W., and P. L. Orr, assignors to Corning Glass Works, Corning, N. Y. Coffee percolator. 2,334,752; Nov. 23.
- Clapp, Roger H., New York, N. Y. Contact shoe assembly. 2,331,825; Oct. 12.
- Clapper, John S., assignor to Toro Manufacturing Corporation of Minnesota, Minneapolis, Minn. Roadside mower. 2,329,881; Sept. 21.
- Clapperton, George, Springfield, Green Lane, Bolton, and R. Barnes, Atherton, England. Drafting head of textile machinery. 2,335,108; Nov. 23.
- Clapson, William J., Joplin, Mo., assignor to The Eagle-Picher Lead Company, Cincinnati, Ohio. Treating basic lead sulphate. 2,315,188; Mar. 30.
- Clar, Carl, and P. Kühnel, Oberhausen-Holten, and N. Geiser, Duisburg-Hamborn, Germany; vested in the Alien Property Custodian. Dechlorination of hydrocarbon mixtures. 2,328,707; Sept. 7.
- Clare, C. P., and Company. (See Clare, Carl P., assignor.)
- Clare, Carl P., Arlington Heights, Ill., and C. W. Chillson, Lake Packanack, N. J., assignor to Curtiss-Wright Corporation. Protective circuit. 2,322,114; June 15.
- Clare, Carl P., Arlington Heights, assignor to C. P. Clare and Company, Chicago, Ill. Electric snap switch. 2,326,760; Aug. 17.
- Clare, Irwin C., Elmhurst, assignor to Hercules Powder Company, Wilmington, Del. Protective coating. 2,332,623; Oct. 26.
- Claremont Waste Manufacturing Company. (See Hauge, Andrew, assignor.)
- Clarey, Thomas F. (See Buckley, J. M., and Clarey.)
- Clarin, David X., New York, N. Y. Container. 2,323,795; July 6.
- Clark, Allen F. (See Smith, William B., assignor.)
- Clark, Arthur B., Burbank, assignor to Technicolor Motion Picture Corporation, Los Angeles, Hollywood, Calif. Composition for treating plastic materials. 2,319,660; May 18.
- Clark, Charles A., New York, N. Y. Miniature camera. 2,330,406; Sept. 28.
- Clark, Charles J., Lakewood, Ohio. Contour grinding machine. 2,333,985; Nov. 9.
- Clark, Charles O., assignor of one-half to Le Roy Clark, Mount Vernon, Ill. Spray stencil hold-down. 2,330,471; Sept. 28.
- Clark, Charles W., Montreal, Quebec, assignor to Canadian Copper Refiners Limited, Montreal East, Quebec, Canada. Recovering selenium as selenium dioxide from copper refinery slimes. 2,322,348; June 22.
- Clark, Charles W., Orient, Ohio. Traffic signaling mechanism. 2,323,793; July 6.
- Clark, Clyde W., Dearborn, Mich. Hardness tester. 2,319,208; May 18.
- Clark, Clyde W., Dearborn, Mich. Hardness tester adjustment means. 2,335,759; Aug. 17.
- Clark, Clyde W., Dearborn, Mich. Elevating screw arrangement for testing machines. 2,329,826; Sept. 21.
- Clark, Clyde W., Dearborn, Mich. Adapter for testing machines. 2,329,827; Sept. 21.
- Clark, Clyde W., Dearborn, Mich. Gauge testing apparatus. 2,329,828; Sept. 21.
- Clark, Clyde W., Dearborn, Mich. Steady rest for testing machines. 2,331,889; Oct. 19.
- Clark, Clyde W., Dearborn, Mich. Work holder. 2,333,640; Nov. 9.
- Clark, Cornelius S., Norfolk, Va. Piston. 2,323,310; July 6.
- Clark Controller Company, The. (See Burgett, Lynn S., assignor.)
- Clark Controller Company. (See Rippl, Charles H., assignor.)
- Clark Controller Company, The. (See Sonneborn, Arthur B., assignor.)
- Clark, Daniel B., and G. Laube, assignors to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Rating the light speed of lenses. 2,334,906; Nov. 23.
- Clark, David, Company. (See Clark, David M., assignor.)
- Clark, David M., assignor to David Clark Company, Inc., Worcester, Mass. Undergarment in the form of a girdle and making the same. 2,336,222; Dec. 7.
- Clark, Dudley B., Palm Springs, Calif., assignor of one-half to F. Klingel, Cleveland, Ohio. Control system for industrial vibrating machinery. 2,307,620; Jan. 6.
- Clark, Dudley B., Palm Springs, Calif., assignor to The W. S. Tyler Company, Cleveland, Ohio. Control system for industrial vibrating machinery. 2,309,093; Jan. 26.
- Clark, Earl K., and J. R. Heilman, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Sadiron. 2,333,521; Nov. 2.
- Clark, Earl W., Buffalo, N. Y., assignor to Allied Chemical & Dye Corporation. Diazo composition. 2,314,196; Mar. 16.
- Clark, Edgar R. (See Meyer, H. C. A., and Clark.)
- Clark, Edward B. (See Carlson, G., and Clark.)
- Clark, Edward H., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Mixing and whipping apparatus. 2,316,562; Apr. 13.
- Clark, Elizabeth C., assignor to Belfit Foundations Inc., New York, N. Y. Undergarment. 2,320,408; June 1.
- Clark Equipment Company. (See Bixby, Leo A., assignor.)
- Clark Equipment Company. (See Bixby, L. A., Eaton and Lapsley, assignors.)
- Clark Equipment Company. (See Burger, Frederick W., assignor.)
- Clark Equipment Company. (See Dunham, Elmer J., assignor.)
- Clark Equipment Company. (See Gunning, Wayne, assignor.)
- Clark Equipment Company. (See Lapsley, R., and Dence, assignors.)
- Clark Equipment Company. (See Ormsby, Donald D., assignor.)
- Clark Equipment Company. (See Williams, Alfred O., assignor.)
- Clark, Francis R., Leonia, N. J., and A. D'Antonio, Longmeadow, assignors to Package Machinery Company, Springfield, Mass. Wrapper sealing machine. 2,314,441; Mar. 23.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Electric capacitor. 2,307,488; Jan. 5.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Nonresinous condensation product. 2,318,373; May 4.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Migrationproof electric device. 2,332,891; Oct. 26.
- Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Etching of capacitor armatures. 2,336,846; Dec. 14.
- Clark, Frank P., St. Paul, Minn. Calipering device. 2,314,480; Mar. 23.
- Clark, Fredric B., Englewood, N. J. Ironing machine. 2,325,475; July 27.
- Clark, George H., Washtenaw County, assignor to Square D Company, Detroit, Mich. Valve. 2,310,516; Feb. 9.
- Clark, George N., and E. R. Lesage, Denver, Colo. Air cleaner. 2,314,573; Mar. 23.
- Clark, Gilbert B., Staten Island, N. Y., assignor to Radio Corporation of America. Picture receiving system. 2,326,836; Aug. 17.
- Clark, Gordon, Kinsella, Alberta, Canada. Ticket container for milk bottles. 2,314,607; Mar. 23.
- Clark, Harold T., assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Testing apparatus. 2,318,923; May 11.
- Clark, Harry P., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Split-phase motor control. 2,319,490; May 18.
- Clark, J. R. Company, The. (See John, Edward T., assignor.)
- Clark, Jared W., Charleston, W. Va., and A. L. Wilson, Pittsburgh, Pa., assignors to Carbide and Carbon Chemicals Corporation. Preparing branched-chain aliphatic secondary amines. 2,319,848; May 25.
- Clark, Jesse, assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Resilient mounting. 2,315,398; Mar. 30.
- Clark, Joel B., Kenmore, N. Y. Oil filter cartridge. 2,331,961; Oct. 19.
- Clark, John, Walkerton, Ind. Railway track liner. 2,328,194; Aug. 31.
- Clark, Leo. (See Butler, J. K., and Winkelmann, assignors.)
- Clark, Le Roy. (See Clark, Charles O., assignor.)
- Clark, Le Roy V., Latrobe, Pa., assignor to American Cyanamid and Chemical Corporation, New York, N. Y. Initiator and cap. 2,325,742; Aug. 3.
- Clark, Le Roy V., Latrobe, Pa., assignor to American Cyanamid and Chemical Corporation, New York, N. Y. Use of lead salts of nitroamino guanidine as initiating charge in firing devices. 2,326,008; Aug. 3.
- Clark, Lynn J., assignor to Inland Container Corporation, Indianapolis, Ind. Covered shipping and display box. 2,319,919; May 25.
- Clark, Malcolm S., Warren, Ohio. Drilling rock, concrete, and the like. 2,308,860; Jan. 19.
- Clark, Malcolm S., Warren, Ohio, assignor to The Federal Machine and Welder Company. Method and apparatus for welding. 2,331,537; Oct. 12.
- Clark, Minnie M. (See Kogl, Frank, assignor.)
- Clark, Noble C. (See Widman, C. H., and Clark.)
- Clark, Noble C., Ferndale, assignor to The Murray Corporation of America, Detroit, Mich. Seat construction. 2,323,794; July 6.
- Clark, Oliver H., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Illuminated vehicle ornament. 2,329,882; Sept. 21.
- Clark, Raymond E. (See Jennings, W. T., and Clark.)
- Clark, Richard L. (See Koeln, Carl C., assignor.)
- Clark, Robert R., Chapel Hill, N. C. Explosive bullet. 2,321,128; June 8.
- Clark, Robert R., Chapel Hill, N. C. Bullet. 2,324,678; July 20.
- Clark, Robert W., Teaneck, N. J., assignor to Radio Corporation of America. Amplifier. 2,324,279; July 13.

- Clark, Sherman W., St. Paul, Minn. Automatic brake control. 2,332,698; Oct. 26.
- Clark, Thomas T., Lowell, J. W. Stanley, Billerica, and E. F. Hayes, Chelmsford, assignors to Talbot Mills, North Billerica, Mass. Machine for finishing cloth. 2,335,915; Dec. 7.
- Clark, William A., assignor to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring structure. 2,309,239; Jan. 26.
- Clark, William A., and V. Asato, assignors to L. A. Young Spring and Wire Corporation, Detroit, Mich. Spring structure. 2,314,923; Mar. 30.
- Clark, William R., Abington, assignor to Leeds and Northrup Company, Philadelphia, Pa. Visual indicator. 2,318,140; May 4.
- Clark, William R., Abington, assignor to Leeds and Northrup Company, Philadelphia, Pa. Visual indicator. 2,318,197; May 4.
- Clark, Stuart E. (See Kleckhefer, H. M., and Clark.)
- Clark Thread Company, The. (See Camp, William M., assignor.)
- Clark, Trevor H., New York, N. Y., assignor to Radio Corporation of America. High frequency measuring circuit. 2,335,486; Nov. 30.
- Clark, Walter G., assignor to Clarkiron, Inc., Los Angeles, Calif. Grinding mill. 2,327,402; Aug. 24.
- Clarke, Arthur S., Jamestown, R. I. Fish lure. 2,316,018; Apr. 6.
- Clarke, Clement S., Shreveport, La. Treating hydrocarbons. 2,326,438; Aug. 10.
- Clarke, Ella M., Eureka, Calif. Combination adapter pad and disposable bag. 2,337,648; Dec. 28.
- Clarke, Eugene S., Groveland, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Nail and method for its manufacture. 2,329,744; Sept. 21.
- Clarke, Gerard J. (See Lowe, W. G., and Clarke.)
- Clarke, Gerard J. (See Malm, C. J., and Clarke.)
- Clarke, John D., assignor to Chicago Carton Company, Chicago, Ill. Angular-walled carton. 2,318,198; May 4.
- Clarke, John E. (See Brown, J. A., and Clarke.)
- Clarke, John E. (See Gehard, M. L., Helitzer, Clarke, and Davis.)
- Clarke, Louis A. (See Pevere, E. F., Clarke, and Hatch.)
- Clarke, Louis A., and G. B. Hatch, Fishkill, and E. F. Pevere, Beacon, assignors to The Texas Company, New York, N. Y. Manufacture of hydrocarbon products. 2,332,298; Oct. 19.
- Clarke, Oliver H., Washington, D. C. Razor. 2,325,662; Aug. 3.
- Clarke, Vernie E., Los Angeles, Calif., assignor to Christine Association, Inc. Combination crusher and grinder. 2,318,290; May 4.
- Clarke, Walter T. (See Jones, C. F., Clarke, and Zenlea.)
- Clarkiron, Inc. (See Clark, Walter G., assignor.)
- Clarkson, Clarence W., Washington, D. C. Searchlight. 2,311,734; Feb. 23.
- Clarkson, Clarence W., Washington, D. C. Combination mercury Mazda spotlight. 2,319,207; May 18.
- Clarkson, Ralph E., Hamden, assignor to Western Cartridge Company, New Haven, Conn. Firearm. 2,320,348; June 1.
- Clarkson, Richard G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricating oil. 2,336,070; Dec. 7.
- Clarkson, Robert J. (See Sherman, S. H., and Clarkson.)
- Claspy, Hugh J., assignor to The Phoenix Glass Company, Monaca, Pa. Safety-type lighting fixture. 2,333,918; Nov. 9.
- Claspy, Oscar W., and W. Widger, Chicago, Ill., assignors to Union Bag & Paper Corporation, Hudson Falls, N. Y. Bag. 2,312,281; Feb. 23.
- Class, George M., assignor to Gisholt Machine Company, Madison, Wis. Turning attachment. 2,311,211; Feb. 16.
- Classen, Joseph F. (See Meyer, G. J., Steckling, and Classen.)
- Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Wheel shroud fastener. 2,314,651; Mar. 23.
- Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Hood control for motor cars. 2,333,466; Nov. 2.
- Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Hood control for motor cars. 2,333,466; Nov. 2.
- Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Hood control for motor cars. 2,333,467; Nov. 2.
- Claudet, Alphonse, Mattoon, Ill., assignor, by mesne assignments, to Schlumberger Well Surveying Corporation, Houston, Tex. Method and apparatus for investigating earth formations traversed by boreholes. 2,334,475; Nov. 16.
- Claudot, Arsène, and A. Mark, Jette Saint Pierre, Belgium; vested in Alien Property Custodian. Photographic apparatus in detached parts. 2,323,009; June 29.
- Clausen, De Witt, Akron, Ohio. Wringer. 2,327,998; Aug. 31.
- Clausen, De Witt, Akron, Ohio, assignor to Lucien I. Yeomans, Incorporated, Chicago, Ill. Turning machine. 2,316,405; Apr. 13.
- Clausen, Harry R., Chicago, Ill. Dentist drill control. 2,323,645; July 6.
- Clausen, Henry P., White Plains, N. Y., assignor to The Gray Manufacturing Company, Hartford, Conn. Machine for making long playing sound records. 2,326,332; Aug. 10.
- Clausen, Henry P., White Plains, N. Y., assignor to The Gray Manufacturing Company, Hartford, Conn. Reversible sound recording mechanism. 2,329,105; Sept. 7.
- Clausen, Henry P., White Plains, N. Y., assignor to The Gray Manufacturing Company, Hartford, Conn. Apparatus for controlling the speed of reproduction of sound machines. 2,329,106; Sept. 7.
- Clausen, Henry P., White Plains, N. Y., assignor to The Gray Manufacturing Company, Hartford, Conn. Remotely controlled dictation system. 2,329,107; Sept. 7.
- Clausen, Henry P., White Plains, N. Y., assignor to The Gray Manufacturing Company, Hartford, Conn. Dictation recording system. 2,333,235; Nov. 2.
- Clausen, Henry P., White Plains, N. Y., assignor to The Gray Manufacturing Company, Hartford, Conn. Transcription system. 2,336,777; Dec. 14.
- Clausen, Sigurd, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Knife unit. 2,317,731; Apr. 27.
- Clausen, Sigurd, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Wrapper pasteur roll. 2,324,486; July 20.
- Clausen, Sigurd, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar bunch shaper. 2,327,020; Aug. 17.
- Clausen, Sigurd, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Transfer mechanism for cigar machines. 2,334,174; Nov. 16.
- Clausen, Sigurd, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar machine moistening mechanism. 2,337,023; Dec. 21.
- Clausen, Sigurd, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Filler change transfer for cigar machines. 2,375,544; Dec. 28.
- Clausing, George, Portsmouth, Ohio, assignor to Vulcan Corporation. Smoothing surface. 2,312,028; Feb. 23.
- Clausing, George, Portsmouth, Ohio, assignor to Vulcan Corporation. Heel concaving machine. 2,319,298; May 18.
- Clausing, George, Portsmouth, Ohio, assignor to Vulcan Corporation. Fixture for reblocking or wedging lasts. 2,323,634; Sept. 14.
- Clausing, Walter, Portsmouth, Ohio, assignor to Vulcan Corporation. Shoe and heel construction. 2,321,734; June 15.
- Clavel, Alexandre. (See Strasser, Fred, assignor.)
- Claveria, Scelsimundo, Vich, Spain. Manufacture of sandals and similar footwear. 2,337,590; Dec. 28.
- Clay, John B., North Attleboro, assignor to The Mason Box Company, Attleboro, Mass. Package for merchandise. 2,309,500; Jan. 26.
- Clawson, Ira C., Los Angeles, Calif. Drill with adjustable head. 2,310,759; Feb. 9.
- Clay Adams Co., Inc. (See Bowen, Arthur, assignor.)
- Clay, Harry C., assignor to Reeves Pulley Company, Columbus, Ohio. Control mechanism for variable speed mechanism. 2,332,988; Oct. 26.
- Clay, George A. (See Bailey, H. W., and Clay.)
- Clay, Roby J., Sturgis, Mich. Electrical measuring device. 2,309,934; Feb. 2.
- Clay, William C., Buckroe Beach, Va. Deicer for aircraft propellers. 2,334,175; Nov. 16.
- Claybaugh, Hovens, S. Minneapolis, Minn., assignor to The American Rolling Mill Company, Middletown, Ohio. Making arch-type culverts. 2,316,839; Apr. 20.
- Clayburn, Glen L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. System of electric power distribution. 2,325,663; Aug. 3.
- Clayburn, Glen L., Wilkinsburg, and L. E. Keck, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Interlock system. 2,320,849; June 1.
- Clayton, Alec C., Yate, Bristol, England. Drilling and boring machine. 2,313,624; Mar. 9.
- Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine lubrication mechanism. 2,313,895; Feb. 23.
- Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine cover plate. 2,318,836; May 11.
- Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread guide for sewing machines. 2,327,768; Aug. 24.
- Clayton, Benjamin, Houston, Tex., assignor to Refining, Inc., Reno, Nev. Making soap. 2,327,502; Aug. 24.
- Clayton, Harry E., Holland, N. Y., assignor to Bagpak, Inc. Sewing machine. 2,324,558; July 20.
- Clayton, James O. (See Farrington, B. B., Clayton, and Etzler.)
- Clayton, James O. (See Farrington, B. B., Clayton, and Rutherford.)
- Clayton, James O., and B. B. Farrington, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded oil. 2,312,207; Feb. 23.
- Clayton, James O., and B. B. Farrington, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded hydrocarbon oil. 2,312,208; Feb. 23.

- Clayton, James O., and B. B. Farrington, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded hydrocarbon oil. 2,321,576; June 15.
- Clayton, James O., and B. B. Farrington, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded lubricant. 2,321,576; June 15.
- Clayton, James O., and B. B. Farrington, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded hydrocarbon lubricant. 2,321,577; June 15.
- Clayton, James O., and B. B. Farrington, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded lubricating oil. 2,321,578; June 15.
- Clayton Manufacturing Company. (See Barrett, Ethert M., assignor.)
- Clayton Manufacturing Company. (See Griswold, Donald G., assignor.)
- Clayton, Paul M., assignor to General Motors Corporation, Detroit, Mich. Engine mounting. 2,329,829; Sept. 21.
- Clayton, William G., Jr., Memphis, Tenn. Trimming machine. 2,309,043; Jan. 19.
- Clayton, William, and R. I. Johnson, London, and H. K. Dean, Baldon, assignors to Crosbe & Blackwell Limited, London, England. Coating metals. 2,337,972; Dec. 28.
- Clayton, William J., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Manufacture of sponge rubber. 2,313,464; Mar. 9.
- Clayton, William J., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Making sponge rubber. 2,323,119; June 29.
- Clayton, William J., and W. R. Hoover, Mishawaka, Ind., assignors to United States Rubber Company, New York, N. Y. Manufacture of sponge rubber. 2,313,463; Mar. 9.
- Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Indicating system for overdrive control. 2,317,029; Apr. 20.
- Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Electric switch. 2,315,671; May 11.
- Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Engine governor. 2,332,697; Oct. 26.
- Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Generator overdrive. 2,327,769; Aug. 24.
- Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Overdrive control system. 2,330,407; Sept. 28.
- Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Sear-pin control unit. 2,331,538; Oct. 12.
- Claytor, Edward M., and W. J. Rady, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Ignition system. 2,317,583; Apr. 27.
- Claytor, Edward M., and J. E. Antonidis, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Solenoid switch. 2,318,672; May 11.
- Claytor, Edwin E., Long Beach, Calif., assignor to Petroleum Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,309,935; Feb. 2.
- Cleaners Hanger Company. (See Ruen, Henry C., assignor.)
- Cleanness Specialties, Inc. (See Glover, William C., Jr., assignor.)
- Cleary, James F., Kansas City, Mo. Box. 2,327,095; Aug. 17.
- Cleary, James F., Kansas City, Mo. Fastening device. 2,329,335; Sept. 14.
- Clenson, Harry, et al. (See Heiner, Everette J., assignor.)
- Clegg, Frederick W., assignor to Baker Perkins Limited, Peterborough, England. Laundry folding machine. 2,307,822; Jan. 12.
- Clegg, Frederick W., assignor to Baker Perkins Limited, Peterborough, England. Folding of sheets such as tablecloths and the like. 2,308,155; Jan. 12.
- Clem, James R., Dallas, Tex. Vending machine. 2,323,517; July 6.
- Clem, Willis J. (See Holbrook, G. E., Fox, Baum, and Clem.)
- Clemens, Herbert A., Fort Wayne, Ind. Roll paper dispenser. 2,307,994; Jan. 12.
- Clemens, John E. (See Holtzclaw, J. B. and Clemens.)
- Clemens, Milton L., Jr. (See Von Bramer, H., Davy, and Clemens.)
- Clemenson, Leslie F., Johnstown, Pa. Electric razor. 2,332,130; Oct. 19.
- Clement, George A., Mount Vernon, N. Y. Bifocal lens blank. 2,333,362; Nov. 2.
- Clement, Theodore G. (See Babcock, D. L. and Clement.)
- Clements, Agostino, assignor of one-fourth to J. D. Conli, Philadelphia, one-fourth to E. M. Farris, Wayne, Pa., and one-fourth to M. A. Rabkin, Camden, N. J. Package. 2,337,741; Dec. 28.
- Clements, Arthur D., Los Angeles, Calif. Dredge. 2,322,829; June 29.
- Clements, Charles W., Aurora, Ill. Counterbalance. 2,322,788; June 29.
- Clements, E. H. (See Thomas, Claude C., assignor.)
- Clements, Lee L., assignor of two-thirds to M. M. Fisher, Evanston, Ill. Hand weaving frame. 2,312,388; Mar. 2.
- Clements Mfg. Co. (See Clements, William J., assignor.)
- Clements, Roy W., assignor to Globe Knitting Works, Grand Rapids, Mich. Undergarment for horseback riding. 2,318,199; May 4.
- Clements, William J., assignor to Clements Mfg. Co., Chicago, Ill. Tank type vacuum cleaner and supporting means therefor. 2,311,369; Feb. 16.
- Clements, William J., assignor to Clements Mfg. Co., Chicago, Ill. Hose connection for vacuum cleaners and the like. 2,326,439; Aug. 10.
- Clements, William J., assignor to Clements Mfg. Co., Chicago, Ill. Supporting means for the motor and fan assembly of tank type cleaners. 2,336,716; Dec. 14.
- Cleminson, Haldane, Chicago, Ill. Packaged suture. 2,311,735; Feb. 23.
- Cleminson, Haldane, Chicago, Ill. Apparatus for packaging sutures. 2,311,736; Feb. 23.
- Cleminson, Lew W. (See Wessel, Carl, assignor.)
- Cleminson, Lew W., trustee, et al. (See Wessel, Carl, assignor.)
- Clemson, C. Wood, assignor to Knapp-Monarch Company, St. Louis, Mo. Room heater. 2,316,563; Apr. 13.
- Clemson, C. Wood, assignor to Knapp-Monarch Company, St. Louis, Mo. Room heater. 2,329,592; Sept. 14.
- Clemson Bros., Inc. (See Canfield, Richard W., assignor.)
- Clemson Bros., Inc. (See Clemson, Richard D., assignor.)
- Clemson, Richard D., assignor to Clemson Bros., Inc., Middletown, N. Y. Hack saw frame. 2,308,354; Jan. 12.
- Clemson, Richard D., assignor to Clemson Bros., Inc., Middletown, N. Y. Mower. 2,314,077; Mar. 16.
- Clemson, Richard D., assignor to Clemson Bros., Inc., Middletown, N. Y. Mower. 2,319,038; May 11.
- Clemson, Richard D., assignor to Clemson Bros., Inc., Middletown, N. Y. Lawn mower. 2,330,680; Sept. 28.
- Clemson, Richard D., assignor to Clemson Bros., Inc., Middletown, N. Y. Lawn mower. 2,332,892; Oct. 26.
- Clench, Edward C. S., assignor to Automotive Products Company Limited, London, England. End fitting for flexible hoses. 2,319,586; May 18.
- Clerc, Leonard F., Chicago, Ill. Refrigerating apparatus. 2,320,265; May 25.
- Clerc, Leonard F., Chicago, Ill. Refrigerated shipping container. 2,325,371; July 27.
- Clerk, Robert C. (See Sinclair, H., and Clerk.)
- Cleutt, Peabody & Co. (See Cluett, S. L., and Schreiner, assignors.)
- Clove, John E., Hayward, Calif. Illuminating mirror. 2,325,476; July 27.
- Cleveland, Arch B., Los Angeles, Calif. Recapping and retreading mold. 2,315,770; Apr. 6.
- Cleveland Brass Manufacturing Company. (See Roach, Nathan, assignor.)
- Cleveland Crane & Engineering Company, The. (See Anjeskey, Alphonse F., assignor.)
- Cleveland Crane & Engineering Company, The. (See Dehn, Roy F., assignor.)
- Cleveland Graphite Bronze Company, The. (See Klocke, William H., assignor.)
- Cleveland Graphite Bronze Company, The. (See Palm, J. V. O., Anthony, and Wilkey, assignor.)
- Cleveland Graphite Bronze Company, The. (See Swartz, Carl E., assignor.)
- Cleveland Hobbing Machine Company, The. (See Staples, Otis E., assignor.)
- Cleveland Pneumatic Tool Company, The. (See Lear, Earl E., assignor.)
- Cleveland Pneumatic Tool Company, The. (See Speth, Lloyd G., assignor.)
- Cleveland Pneumatic Tool Company, The. (See Van Sittert, Paul, assignor.)
- Cleveland Pneumatic Tool Company, The. (See Van Sittert, P., and Lear, assignors.)
- Cleveland Pneumatic Tool Company, The. (See Wallace, John F., assignor.)
- Cleveland Quarries Company, The. (See Barbour, H. C., and Miller, assignors.)
- Cleveland, Ralph E. (See Beck, E. A., and Cleveland.)
- Cleveland Rock Drill Company, The. (See Feucht, Albert, assignor.)
- Cleveland Shopping News Company, The. (See Hamlin, Walter E., assignor.)
- Cleveland Steel Products Corporation. (See Slaght, William W., assignor.)
- Cleveland Tractor Company, The. (See Heaslet, James G., assignor.)
- Cleveland Tractor Company, The. (See Jones, G. D., and Fisher, assignors.)
- Cleveland Trencher Company, The. (See Askue, Albert R., assignor.)
- Cleveland Trencher Company, The. (See Penote, Vincent S., assignor.)
- Cleveland Trust Company, The. (See Curtis, Myron S., assignor.)
- Cleveland Tungsten, Inc. (See Mansfield, William E., assignor.)
- Cleveland Tungsten, Inc. (See Oberdick, Ervin O., assignor.)
- Cleveland Welding Company, The. (See Kranz, Harry W., assignor.)

- Cleveland Welding Company, The. (See Mueller, Homer L., assignor.)
- Clewett, Dayton H., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Gravity meter. 2,307,917; Jan. 12.
- Clewett, Dayton H., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Gravity meter. 2,325,005; July 20.
- Clewett, Dayton H., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Gravity meter. 2,337,152; Dec. 21.
- Clek, William H., Roden, N. Mex. Earth working apparatus. 2,311,639; Feb. 23.
- Clecker, Earle D., assignor to Shakespeare Company, Kalamazoo, Mich. Fishing reel spool mounting. 2,331,767; Oct. 12.
- Clecker, Earle D., assignor to Shakespeare Company, Kalamazoo, Mich. Fishing reel spool. 2,336,981; Dec. 14.
- Clecker, James E., Dearborn, Mich. assignor to The Flex-O-Tube Company. Universal tube fitting. 2,332,893; Oct. 26.
- Cliffcorn, La Verne E., Chicago, Ill. assignor to Continental Can Company, Inc., New York, N. Y. Surplus fill drawoff means. 2,324,765; July 20.
- Clifford, Albert M., Akron, Ohio, assignor to Wingfoot Corporation, Akron, Ohio. Age resistor for rubber. 2,325,202; July 27.
- Clifford, Albert M., and J. R. Long, assignors to Wingfoot Corporation, Akron, Ohio. 2-cyano-1,3-butadienes. 2,328,890; Sept. 7.
- Clifford, David G., Montclair, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Springing loop. 2,311,520; Feb. 16.
- Clifford, John P., Passaic, assignor to Richardson Scale Company, Clifton, N. J. Automatic weighing machine. 2,332,438; Oct. 19.
- Clifford, John P., Passaic, assignor to Richardson Scale Company, Clifton, N. J. Automatic weighing machine. 2,336,347; Dec. 7.
- Clifford Manufacturing Company. (See Clifford, Walter B., assignor.)
- Clifford Manufacturing Co. (See Woods, John E., assignor.)
- Clifford, Reese F., Jr., Berwyn, Ill. Drinking glass holder. 2,329,512; Sept. 14.
- Clifford, Walter B., assignor to Clifford Manufacturing Co., Boston, Mass. Temperature controlled valve. 2,308,861; Jan. 19.
- Clifford, Walter B., assignor to Clifford Manufacturing Company, Boston, Mass. Method and machine for severing tubes. 2,321,735; June 15.
- Clifford, Wilfred J., and H. H. Adams, Brentford, England, assignors to Barker Rust-Proof Company, Detroit, Mich. Treatment of metals. 2,336,071; Dec. 7.
- Clifford, Wilfred J., and H. H. Adams, Brentford, England, assignors to Barker Rust-Proof Company, Detroit, Mich. Treatment of metals. 2,336,072; Dec. 7.
- Clift, George, Detroit, Mich. Book ends. 2,331,251; Nov. 16.
- Clifton, Donald F., Milwaukee, Wis. Hardness testing instrument. 2,335,235; Nov. 30.
- Clifton, Harry G., Miami, Fla. Automobile signal. 2,313,222; Mar. 9.
- Clifton, Robert E., assignor to The Fulfill Specialties Company, Inc., Blanchester, Ohio. Relief valve. 2,333,522; Nov. 2.
- Cline, Allan J. (See McCleery, Harold L., assignor.)
- Cline, Allan J., Evanston, Ill. Timing device for roll changing apparatus or the like. 2,311,626; Feb. 23.
- Cline, Charles R., New Brighton, Pa. Battery terminal clamp. 2,315,399; Mar. 30.
- Cline, Edwin L., Philadelphia, Pa., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Treatment of resin oils of the coumarone-indenestylene homologue type. 2,315,771; Apr. 6.
- Cline, Joseph K. (See Williams, R. R., and Cline.)
- Cline, McGarvey, Jacksonville, Fla. Continuous retort. 2,310,215; Feb. 9.
- Cline, McGarvey, assignor to Wood Process Company, Inc., Jacksonville, Fla. Apparatus for the treatment of crude oil resins. 2,328,891; Sept. 7.
- Cline, Samuel B., Ironton, Ohio. Truss. 2,308,803; Jan. 19.
- Clingstein, Heinrich, and H. Schrum, Cologne, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Diazoamide compounds. 2,308,675; Jan. 19.
- Clinkscales, Austin B., Jr., Greenville, Miss. Grader blade. 2,310,396; Feb. 9.
- Clinton Company. (See Jurgensen, R. P., and MacAlister, assignors.)
- Clippert Brick Company. (See Smith, Frank M., assignor.)
- Cliver, Lawrence G. (See Cass, O. W., and Cliver.)
- Cloday Corporation. (See Johnson, Samuel J., assignor.)
- Cloday Corporation. (See Snyder, Harry F., assignor.)
- Cloday Corporation. (See Thexton, Arthur L., assignor.)
- Clopton, Mortimer L. (See Phillips, R. A., and Clopton.)
- Closs, Carl H., Denver, Colo. Means for exterminating insects. 2,315,772; Apr. 6.
- Clother, Stewart L., Teaneck, and H. C. Hogenkamp, Maplewood, N. J. Method and apparatus for television communication. 2,330,682; Sept. 28.
- Cloud, Dan G., Seattle, Wash. Copying pictures. 2,307,358; Jan. 5.
- Cloud, Everett E., Wichita, Kans. Electric burglar alarm. 2,334,316; Nov. 10.
- Cloud, Gould H. (See Miller, P., and Cloud.)
- Cloud, Gould H., Linden, and W. J. Sparks, Elizabeth, N. J., assignors to Standard Oil Development Company. Diesel fuel. 2,326,522; Aug. 10.
- Cloud, Raymond T., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Nondestructive testing method and apparatus. 2,337,231; Dec. 21.
- Clough, David, and O. B. Blackburn, Morley, near Leeds, England. Bobbin cleaning apparatus for use on automatic web-replenishing bobbin-changing looms. 2,307,666; Jan. 5.
- Clough, Jerome L., Milwaukee, Wis. Record selecting mechanism. 2,328,055; Aug. 31.
- Clouston, Norman E., Grady, Quebec, Canada. Box made of transparent material. 2,317,884; Apr. 27.
- Cloutier, Arthur N., Lonsdale, assignor to Hemphill Company, Central Falls, R. I. Machine for knitting. 2,337,163; Dec. 21.
- Cloutier, Ellery J., Muskegon, Mich. assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Masking structure for bowling alleys. 2,330,268; Sept. 28.
- Cloutier, Ellery J., Muskegon, Mich. assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Hand conditioning device. 2,336,073; Dec. 7.
- Club Aluminum Products Company. (See Buckley, J. M., and Carey, assignors.)
- Club Razor & Blade Manufacturing Corp. (See Nadeau, R., and Rothschild, assignors.)
- Cluett, Peabody & Co. (See Almond, L. L., Ferguson, and Baker, assignors.)
- Cluett, Peabody & Co. (See Kennedy, John W., assignor.)
- Cluett, Peabody & Co. (See McFalls, R. J., and Herrington, assignors.)
- Cluett, Sanford L., and G. A. Schreiner, assignors to Cluett, Peabody & Co., Inc., Troy, N. Y. Manufacture of collars and the like. 2,319,211; May 18.
- Clunney, Albert B., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Tear tape. 2,307,736; Jan. 12.
- Clyde Iron Works. (See Derby, Ola L., assignor.)
- Clymer, Charles C. (See Meyer, E. E., and Clymer.)
- Cockley, Lige, East Pepperell, Mass., and H. V. Kindseth, assignors to Bemis Bro. Bag Co., Minneapolis, Minn. Paper bag. 2,335,841; Dec. 7.
- Coast Metals, Inc. (See Cape, Arthur T., assignor.)
- Coast Metals, Inc. (See Cape, A. T., and Gaxiola, assignor.)
- Coate, William V., Greenville, Ohio. Combined automatic draft governor and spark arrester. 2,308,266; Jan. 12.
- Coates, Clyde E., and J. H. Cooper, assignors to Taylor-Walfield Corporation, Warren, Ohio. Welding method and apparatus. 2,328,784; Sept. 7.
- Coats, Fred R., Springfield, Ill. Ball bearing shears. 2,307,489; Jan. 5.
- Cobb, Clifton A. (See James, F., Cobb, and Kishbar.)
- Cobb, Elmer M., Santa Fe, N. Mex. Tautening device for ironing-board covers. 2,329,108; Sept. 7.
- Cobb, Leland D., Forestville, Conn. assignor to General Motors Corporation, Detroit, Mich. Top roll loading device. 2,315,936; Apr. 6.
- Cobb, Leland D., Forestville, Conn. assignor to General Motors Corporation, Detroit, Mich. Lubricator device. 2,328,327; Aug. 31.
- Cobb, Robert S. (See Moore, W. B., and Cobb.)
- Cobb, Robert S., West Lafayette, and W. B. Moore, Coshocton, assignors to The Moore Enameling & Manufacturing Company, West Lafayette, Ohio. Enamelled cooking utensil. 2,315,475; Mar. 30.
- Cobb, William M., Jr., assignor to Hercules Powder Company, Wilmington, Del. Ammonium nitrate explosive. 2,324,363; July 13.
- Cobbie, Albert. (See Cobbie, Joseph, and Albert.)
- Cobbie, Joe C., Chattanooga, Tenn., and G. B. Muse, Sugar Valley, Ga. Multiple needle tufting machine. 2,335,487; Nov. 30.
- Cobbie, Joseph and A. Chattanooga, Tenn., assignors to Gerhardt H. Rauschenberg, Dalton, Ga. Automatic cutoff for sewing machines. 2,318,200; May 4.
- Cobel, Ray C., assignor to A. H. Heisey & Company, Newark, O. Glass prism. 2,326,009; Aug. 3.
- Coben, William S., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vehicle tire. 2,324,996; July 20.
- Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Hydraulic pump with mechanically actuated intake valve. 2,307,451; Jan. 5.
- Coberly, Clarence J., Los Angeles, assignor to Kobe, Inc., Huntington Park, Calif. Packing wells. 2,310,397; Feb. 9.
- Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nevada. Fluid operated pump with built-in governor. 2,311,157; Feb. 16.
- Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Bleeder construction. 2,311,212; Feb. 16.

- Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Well pump construction. 2,327,503; Aug. 24.
- Cobert, Arthur J., assignor to Real Silk Hosiery Mills, Inc., Indianapolis, Ind. Machine and process for knitting hosiery blanks. 2,330,681; Sept. 28.
- Cobert, Arthur J., assignor to Real Silk Hosiery Mills, Inc., Indianapolis, Ind. Stocking. 2,330,683; Sept. 28.
- Cobi, Walter H., New York, N. Y. Collapsible mandrel or core for driving molds for concrete piles. 2,313,625; Mar. 9.
- Coburn, Abbott. (See Koch, Henry C., assignor.)
- Coburn, John R. (See Eastow, E. J., and Coburn.)
- Coca, Arthur F., Oradell, N. J., assignor to Lederle Laboratories, Inc., New York, N. Y. Pharmaceutical composition. 2,314,125; Mar. 16.
- Coca-Cola Company, The. (See Kaliska, William G., assignor.)
- Coca-Cola Company, The. (See Stout, George P., assignor.)
- Cocanour, John B., San Jose, assignor to Col-Temp Corporation, San Francisco, Calif. Refrigerator. 2,333,296; Nov. 2.
- Cocanour, John B., San Jose, assignor to Col-Temp Corporation, Oakland, Calif. Dispensing cabinet. 2,335,581; Nov. 30.
- Cochran, Avery M., U. S. Army, Colorado Springs, Colo. Stove. 2,319,790; May 25.
- Cochran, Clarence W., Arlington, Mass., assignor to Polaroid Corporation, Dover, Del. Spectacles. 2,323,518; July 6.
- Cochran, William S. (See Williams, R. A., and Cochran.)
- Cochrane Corporation. (See Bennett, W. C., and Melas, assignors.)
- Cochrane Corporation. (See Rohlin, Victor A., assignor.)
- Cochrane Corporation. (See Rohlin, V. A., and Kittredge, assignors.)
- Cochrane, William R. (See McNabb, W. J., and Cochrane.)
- Cockburn, Mahlon B. (See Diehl, F. A., and Cockburn.)
- Cockburn, Wilbert M., Newmarket, Ontario, Canada, assignor to Spencer Lens Company, Buffalo, N. Y. Projecting device. 2,328,616; Sept. 7.
- Cockburn, William R., Onetangi, Waiheke Island, Auckland, New Zealand. Device for the control of inflatable membranes in milking machines. 2,321,995; June 15.
- Cockerill, Robert F., Elsmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Humidification. 2,316,564; Apr. 13.
- Cockerill, Wilfred H. (See Smith, S., and Cockerill.)
- Cockerill, Robert O., Albemarle, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Acids. 2,333,701; Nov. 9.
- Cockrum, Herbert L. (See Scott, F. L., Garfield, and Cockrum.)
- Coddington, Earl L., Middletown, Ohio. Machine for cutting grass, weeds, and the like. 2,329,185; Sept. 14.
- Coddington, Edward B., Chicago, Ill. Swimming glove. 2,317,886; Apr. 27.
- Codet, Howard G. (See Holt, P. H., 2nd, and Codet.)
- Codney, Arthur G., Cleveland Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Charging cover. 2,319,533; May 18.
- Cooney, Arthur O., Cleveland Heights, and R. M. Bailey, assignors to Willard Storage Battery Company, Cleveland, Ohio. Liquid dispensing apparatus. 2,319,532; May 18.
- Cody, Louis G., Denver, Colo. Denture anchor. 2,337,029; Dec. 21.
- Coe, Eric R. (See Robertson, W. H., and Coe.)
- Coe, Frank S. (See Schwarzmans, W. E., Coe, and Rosenthal.)
- Coe, Frank S., and R. H. Gibson, assignors to American Bosch Corporation, Springfield, Mass. Manual lubricator for ignition interrupters. 2,330,028; Sept. 21.
- Coe Laboratories, Inc. (See Vallandigham, Vance V., assignor.)
- Coe Manufacturing Company, The. (See Parker, Clarence F., assignor.)
- Coes, Loring, Jr., Brookfield, assignor to Norton Company, Worcester, Mass. Grinding wheel. 2,309,575; Jan. 26.
- Coes, Loring, Jr., Brookfield, assignor to Norton Company, Worcester, Mass. Abrasives. 2,319,791; May 25.
- Coes, Loring, Jr., Brookfield, assignor to Norton Company, Worcester, Mass. Abrasives. 2,319,792; May 25.
- Coes, Loring, Jr., Brookfield, assignor to Norton Company, Worcester, Mass. Abrasives. 2,319,793; May 25.
- Coes, Loring, Jr., Brookfield, assignor to Norton Company, Worcester, Mass. Abrasives. 2,319,794; May 25.
- Coes, Loring, Jr., Brookfield, assignor to Norton Company, Worcester, Mass. Abrasive article. 2,332,206; Oct. 19.
- Coes, Loring, Jr., Brookfield, and C. E. Barnes, Worcester, Mass., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizable unsaturated methylene compound and resin comprising polymers thereof. 2,317,130; Apr. 20.
- Coffey, Irven E., Normandy, assignor to G. R. Ericson, Kirkwood, Mo. Automatic starting device. Re. 22,385; Oct. 26.
- Coffee, William B., Atlanta, Ga. Ratio controller for gas or fluid regulators. 2,312,890; Mar. 2.
- Coffee X Corporation. (See Polin, H. S., Nerken, and Wittingfield, Jr., assignors.)
- Coffey, Irven E., Normandy, assignor to Carter Carburetor Corporation, St. Louis, Mo. Fluid pressure motor. 2,316,316; Apr. 13.
- Coffey, Irven E., Normandy, assignor to George R. Ericson, Kirkwood, Mo., as trustee. Brake-holding mechanism. 2,329,186; Sept. 7.
- Coffey, Irven E., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,325,372; July 27.
- Coffey, Paul H. (See Gleason, R. R., Coffey, and Reuter.)
- Coffin, Bruce A. (See Briggs, Richard S., assignor.)
- Coffin, Jack O., Salt Lake City, Utah. Automatic coal stoking machine. 2,319,795; May 25.
- Coffing, Frederick W., Danville, Ill. Gang disk implement. 2,324,064; July 13.
- Coffing, Frederick W., Danville, Ill. Gang disk implement. 2,324,065; July 13.
- Coffing Holst Company. (See Johnston, Raymond H., assignor.)
- Coffman, Donald D. (See Alderman, V. V., and Coffman.)
- Coffman, Donald D. (See Bolton, E. K., Coffman, and Gilman.)
- Coffman, Donald D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Copolymers of unsaturated isocyanates. 2,326,287; Aug. 10.
- Coffman, Donald D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Unsaturated isocyanate. 2,334,476; Nov. 16.
- Coffman, Donald D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fabric and finish. 2,335,582; Nov. 30.
- Coffman, Donald D., and F. C. McGrew, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric iminoether hydrohalides. 2,317,155; Apr. 20.
- Coggeshall, Earl J. (See Nelms, G. C., Coggeshall, Berry, and Wilbur.)
- Coggeshall, Thellwell R., Bala Cynwyd, H. B. Dhonau, Philadelphia, and C. Thumim, Yeadon, Pa., assignors to General Electric Company. Switch closing mechanism. 2,307,567; Jan. 5.
- Coghill, James T., assignor to The Noble & Wood Machine Co., Hoosick Falls, N. Y. Apparatus for separating fibers. 2,325,159; July 27.
- Coghlan, Vincent A., Bergenfield, N. J., and N. W. Morris, Malverne, N. Y. Game apparatus. 2,333,702; Nov. 9.
- Cogischi, Products, Inc. (See Scharsch, Walter R., assignor.)
- Cogsdill, Stuart A., assignor to Cogsdill Twist Drill Co., Detroit, Mich. Adjustable countersink structure. 2,308,055; Jan. 12.
- Cogsdill Twist Drill Co. (See Cogsdill, Stuart A., assignor.)
- Cogswell, Elliot P., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Attaching device. 2,314,770; Mar. 23.
- Cohan, Albert, et al. (See Money, Benjamin F., assignor.)
- Cohen, Alvin H., assignor of one-half to F. L. Katz, New York, N. Y. Puppet for stop-motion photography and anchoring means thereof. 2,336,467; Dec. 14.
- Cohen, Arthur M., New Rochelle, N. Y. Control device for fluorescent lamps. 2,318,057; May 4.
- Cohen, Charles A., Elizabeth, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Sulphurized addition agent for lubricants and lubricants containing the same. 2,312,750; Mar. 2.
- Cohen, Charles A., Elizabeth, N. J., assignor to Standard Oil Development Company. Preparation of unsaturated ketones. 2,312,751; Mar. 2.
- Cohen, Charles A., Elizabeth, N. J., assignor to Standard Oil Development Company. Treating corrosive oils. 2,320,266; May 25.
- Cohen, Charles A., Elizabeth, N. J., assignor to Standard Oil Development Company. Treating corrosive oils. 2,320,267; May 25.
- Cohen, Charles A., Elizabeth, N. J., assignor to Standard Oil Development Company. Refining hydrocarbon oils. 2,327,504; Aug. 24.
- Cohen, Frank K., New York, N. Y. Automatic laced inner belt for foundation garments. 2,309,501; Jan. 26.
- Cohen, Harry, Chicago, Ill. Match book holder. 2,327,999; Aug. 31.
- Cohen, Harry L., New York, assignor to S. & S. Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Slitting and scoring machine. 2,307,452; Jan. 5.
- Cohen, Joseph H., Bushley, assignor to Humphreys & Glasgow Limited, Westminster, London, England. Manufacture of water gas. 2,332,781; Oct. 26.
- Cohen, Jonas, Los Angeles, Calif. Illuminated handbag. 2,320,409; June 1.
- Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Fan. 2,312,627; Mar. 2.
- Cohen, Joseph H., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,326,333; Aug. 10.
- Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Fan. 2,327,293; Dec. 21.
- Cohen, Morris, assignor to Interstate Bakeries Corporation, Kansas City, Mo. Article distributing system. 2,310,160; Feb. 2.

- Cohen, Morris, assignor to Interstate Bakeries Corporation, Kansas City, Mo. Switching conveyor means. 2,331,381; Nov. 18.
- Cohen, Robert, Louisville, Ky., and M. L. Blatt, Chicago, Ill. Prime collector. 2,332,207; Nov. 2.
- Cohen, Samuel A., and T. L. McLaughlin, Berkeley, assignors to The Paraline Company, Inc., San Francisco, Calif. Linoleum. 2,321,990; June 15.
- Coleman, William, Bronx, N. Y. Toothbrush and glass holder. 2,336,224; Dec. 7.
- Cohn, Aaron, Philadelphia, Pa. Sheet metal casing. 2,332,299; Oct. 19.
- Cohn, Arthur D., New York, N. Y. Suspender belt. 2,318,924; May 11.
- Cohn, Henry, Eindhoven, Netherlands; vested in the Allen Property Custodian. Electron discharge device. 2,325,661; Aug. 3.
- Cohn & Rosenberger, Inc. (See Phares, Oscar F., assignor.)
- Cohn, Samuel, New York, N. Y. Method and apparatus for treating fabrics. 2,321,010; June 8.
- Cohn, Sigmond & Co. (See Lantz, Harold M., assignor.)
- Coleman, Homer H., Yale, Conn. Loose leaf binder and brief case. 2,333,523; Nov. 2.
- Cole Pison Ring Company of America. (See Rothweber, Edward B., assignor.)
- Coker, Frank R., Tyler, Tex. Fire starter. 2,319,721; May 18.
- Coker, John R., San Diego, and Harold G. Fitz Gerald; said Fitz Gerald assignor to said Coker. Score prepping apparatus. 2,330,799; Oct. 5.
- Colbert, William H., Brackenridge, Pa. Mirror case construction. 2,307,568; Jan. 5.
- Colbeth, Ivor M., Maplewood, assignor to The Baker Castor Oil Company, Jersey City, N. J. Lubricant for textiles and the like. 2,308,355; Jan. 12.
- Colbeth, Ivor M., East Orange, N. J., assignor to The Baker Castor Oil Company, New York, N. Y. Producing drying oils, and product. 2,317,361; Apr. 27.
- Colbeth, Ivor M., East Orange, N. J., assignor to The Baker Castor Oil Company, New York, N. Y. Treating oils. 2,317,362; Apr. 27.
- Colbeth, Ivor M., Maplewood, assignor to The Baker Castor Oil Company, Jersey City, N. J. Coating and impregnating product. 2,335,998; Dec. 7.
- Colborne, Ronald H., West Drayton, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron discharge device, including fluorescent screen. 2,325,110; July 27.
- Colburn, Beal E., Green Bay, Wis. Dispenser. 2,311,521; Feb. 16.
- Colburn, Beal E., Green Bay, Wis. Soap dispenser. 2,332,558; Oct. 26.
- Colburn, Richard R., Minneapolis, Minn. Apparatus for pneumatically distributing powdered and granular material. 2,314,621; Mar. 16.
- Colburn, Richard R., Minneapolis, Minn. Building unit and construction made therefrom. 2,318,658; May 4.
- Colby, Elmer E., et al. (See White, Frank M., assignor.)
- Colby, Joseph C., United States Army, Lake Mills, Iowa. Combination heater and generating unit for armored vehicles. 2,321,579; June 15.
- Colclough, William, assignor to The American Laundry Machinery Company, Norwood, Ohio. Collar block for shirt presses. 2,329,336; Sept. 14.
- Cold Metal Process Company, The. (See McBain, W. C., Rauch, and Boggs, assignors.)
- Cold Spring Granite Company. (See Stein, Albert A., assignor.)
- Coldwell, John S., assignor to Globe-Union, Inc., Milwaukee, Wis. Spark plug and making the same. 2,314,128; Mar. 16.
- Cole, Allen T., and J. B. Duke, Mulberry, and K. F. Schilling, Lakeland, Fla., assignors by mesne assignments to General Motors Corporation, Detroit, Mich. Concentration of sylvinitic ores. 2,322,789; June 29.
- Cole, Arthur D., Minneapolis, Minn. Draft regulator. 2,335,740; Nov. 30.
- Cole, Arthur E., West Haven, Conn., assignor by mesne assignments to Carton Development Corporation, New York, N. Y. Cover construction. 2,310,398; Feb. 9.
- Cole, Charles C., Western Springs, and A. F. Booth, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Constant inductance, continuously variable, resistor. 2,337,973; Dec. 28.
- Cole, Charles E., Portland, Oreg. Game. 2,311,029; Feb. 16.
- Cole, Charles E., Portland, Oreg. Ear protector. 2,327,620; Aug. 24.
- Cole, Edward J., Peekskill, N. Y., assignor to Cole Machinery Mfg. Corp. Self-locking nut. 2,337,030; Dec. 21.
- Cole, Edward J., Peekskill, N. Y., assignor to Cole Machinery Mfg. Corp. Machine for operating on standard nut blanks. 2,337,371; Dec. 21.
- Cole, Edward J., Peekskill, N. Y., assignor to Cole Machinery Mfg. Corp. Making self-locking nut. 2,337,372; Dec. 21.
- Cole, Edwin G., assignor to Industrial Patents Corporation, Chicago, Ill. Slicer. 2,334,608; Nov. 16.
- Cole Electric Products Co. (See Lantz, William H., Jr., assignor.)
- Cole, Frank B., Kokomo, Ind. Electric clock. 2,323,796; July 6.
- Cole, George H., and R. L. Davidson, Middletown, and V. W. Carpenter, Franklin, assignors to The American Rolling Mill Company, Middletown, Ohio. Producing magnetic material. 2,307,391; Jan. 5.
- Cole, Harriett E. (See Terry, William C., assignor.)
- Cole, Harry. (See Booth, H. E., MacNish and Cole.)
- Cole, Harry A., Baltimore, Md., assignor to Industrial Patents Corporation, Chicago, Ill. Automatic knocker for fertilizer mixers. 2,322,189; June 15.
- Cole, John E. (See Bigelow, N. M., and Cole.)
- Cole, Louis W. (See Matthews, H. G., Cole, L. W., and T. M.)
- Cole Machinery Mfg. Corp. (See Cole, Edward J., assignor.)
- Cole, Norman W., Detroit, Mich. Bonding. 2,322,507; June 22.
- Cole, Paul M. (See Barrans, W. T. Cole, Hannan, and Robson.)
- Cole, Percy J., assignor, by mesne assignments, to Allied Chemical & Dye Corporation, Philadelphia, Pa. Recovery of ortho-xylene. 2,332,370; Oct. 19.
- Cole, Raymond A., and F. E. Johnson, assignors to Norcross Company, Worcester, Mass. Crankshaft grinding machine. 2,322,727; June 22.
- Cole, Robert M. (See Liebholt, G. E., Cole, and Schultze.)
- Cole, Robert M., Bryn Athyn, Pa. Composition for the treatment of ivy poisoning. 2,322,565; June 22.
- Cole, Sanford S., Metuchen, N. J., assignor to National Lead Company, New York, N. Y. Preparation of rutile titanium dioxide. 2,316,840; Apr. 20.
- Cole, Sanford S., Metuchen, N. J., assignor to National Lead Company, New York, N. Y. Preparation of rutile titanium dioxide. 2,316,841; Apr. 20.
- Cole, Thomas M. (See Matthews, H. G., Cole, L. W., and T. M.)
- Cole, Walter G., Baton Rouge, La., and W. D. Buckley, Berkeley, assignors to American Bituminous Company, San Francisco, Calif. Bituminous emulsion and preparing same. 2,336,468; Dec. 14.
- Cole, Wilbur L., Warren, Ohio. Toy fence. 2,332,989; Oct. 26.
- Colegrove, Charles E., Lakewood, Ohio, assignor to White Sewing Machine Corporation, Cleveland, Ohio. Rotary loop taker for sewing machines. 2,332,984; Oct. 26.
- Coleman Bottled Gas, Inc. (See Taft, Harold W., assignor.)
- Coleman, Bryson Y., assignor to Fulton Bag and Cotton Mills, Atlanta, Ga. Tent and shackle construction. 2,335,048; Nov. 30.
- Coleman, Edwin D., Waywood, Ill. pH measurement and control device. 2,311,976; Feb. 23.
- Coleman, Edwin D., Waywood, Ill. Ion activity measurement device. 2,311,977; Feb. 23.
- Coleman, George G., Greenville, Miss., assignor to Zoppo Parachute Attachment Company. Parachute harness and pack. 2,318,473; May 11.
- Coleman, George G., Greenville, Miss., assignor to Zoppo Parachute Attachment Company. Parachute. 2,318,474; May 11.
- Coleman, Gerald H. (See Britton, E. C., and Coleman.)
- Coleman, Gerald H. (See Britton, E. C., Coleman, and Coleman.)
- Coleman, Gerald H. (See Lynn, G. E., Fletcher and Coleman.)
- Coleman, Gerald H. (See Zimba, J. W., and Coleman.)
- Coleman, Gerald H., and J. W. Zimba, assignors to The Dow Chemical Company, Midland, Mich. Preparation of styrene copolymers. 2,311,607; Feb. 16.
- Coleman, Gerald H., and B. C. Hadler, Midland, Mich., and R. W. Sapp, Silview, Del., assignors to The Dow Chemical Company, Midland, Mich. Ethers of bisphenols. 2,331,265; Oct. 5.
- Coleman, Gerald H., and W. D. Schroeder, assignors to The Dow Chemical Company, Midland, Mich. Ethers of polychloro-2-hydroxy-diphenyl. 2,335,845; Dec. 7.
- Coleman, Gerald H., B. C. Hadler, and G. V. Moore, assignors to The Dow Chemical Company, Midland, Mich. Esters of isobutane-1, 3-di-ol and making same. 2,336,223; Dec. 7.
- Coleman, Gerald H., and W. D. Schroeder, assignors to The Dow Chemical Company, Midland, Mich. Amides of cycloalkyl substituted saturated aliphatic-carboxylic acids. 2,337,846; Dec. 28.
- Coleman, Harold, Chicago, Ill. Window and operating means therefor. 2,314,970; Mar. 30.
- Coleman, Hilma, executrix. (See Coleman, William F.)
- Coleman, John D., assignor to General Motors Corporation, Dayton, Ohio. Leak testing bath and method of the testing. 2,316,842; Apr. 20.
- Coleman, John D., and C. W. Ewing, assignors to General Motors Corporation, Dayton, Ohio. Flux. 2,322,416; June 22.
- Coleman Lamp and Stove Company, The. (See Martin, Russell, assignor.)
- Coleman Lamp and Stove Company, The. (See Tullis, Boyd W., assignor.)
- Coleman, Robert H., and O. D. Hunt, assignors of one-fourth to E. B. Whisnant, and one-fourth to C. L. Whisnant, Hickory, N. C. Knitting machine. 2,330,269; Sept. 28.

- Coleman, Stephen L. C., Melbourne, England, assignor of one-half to R. H. McLean, Saint John, New Brunswick, Canada. Rotary engine. 2,336,225; Dec. 7.
- Coleman, Timothy J., Buffalo, N. Y., assignor to National Carbon Company, Inc. Cleaning composition and its use. 2,326,857; Aug. 17.
- Coleman, William F., deceased, Richmond, Calif., H. Coleman, ex-catrix. Butter slicing and dispensing machine. 2,311,618; Feb. 16.
- Coles, Fred H. (See Booth, Alfred, assignor.)
- Coles, Geoffrey H. N., Eton, England. Disintegrator hammer. 2,331,597; Oct. 12.
- Colley, James I. (See Peter, L. H., and Coley.)
- Coley, Nelson B., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,317,732; Apr. 27.
- Colby, Silas B. (See Reavis, Charles N., assignor.)
- Colgate-Palmolive-Peet Company. (See Brandt, Robert L., assignor.)
- Colgate-Palmolive-Peet Company. (See Brandt, R. L., and Kirschenbauer, assignors.)
- Colgate-Palmolive-Peet Company. (See Colgate, R. B., Brandt and Allen, assignors.)
- Colgate-Palmolive-Peet Company. (See Davey, Warren, assignor.)
- Colgate-Palmolive-Peet Company. (See Dreger, E. E., and Ross, assignors.)
- Colgate-Palmolive-Peet Company. (See Heald, R. F., and Schulberud, assignors.)
- Colgate-Palmolive-Peet Company. (See Holuba, Stanley J., assignor.)
- Colgate-Palmolive-Peet Company. (See Ittner, Martin H., assignor.)
- Colgate-Palmolive-Peet Company. (See Mitchell, Joseph E., assignor.)
- Colgate-Palmolive-Peet Company. (See Potter, Dwight J., assignor.)
- Colgate-Palmolive-Peet Company. (See Ross, J., and Miles, assignors.)
- Colgate-Palmolive-Peet Company. (See Russell, Kenneth L., assignor.)
- Colgate-Palmolive-Peet Company. (See Turk, Joseph A. V., Jr., assignor.)
- Colgate, Robert B., Huntington, R. L. Brandt, New York, N. Y., and H. D. Allen, Glen Rock, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Flash distillation of organic sulphonate solutions. 2,316,670; Apr. 13.
- Colgate, Robert B., Huntington, R. L. Brandt, New York, N. Y., and H. D. Allen, Glen Rock, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Treating organic materials. 2,328,892; Sept. 7.
- Collender, Gustave A., Los Angeles, Calif. Road vehicle mounting. 2,349,978; May 25.
- Collender, Gustave A., Los Angeles, Calif. Vehicle drive mechanism. 2,322,279; June 22.
- Coller, Claude C., assignor to Behrend & Rothschild, New York, N. Y. Coin bank. 2,315,086; Mar. 30.
- Colleran, Thomas J., Great Neck, assignor to Hunter Saeh Company, Inc., Flushing, N. Y. Window. 2,332,069; Oct. 19.
- Collette Manufacturing Co. Inc., The. (See Henry, Sidney, assignor.)
- Colley, George F., assignor of two-thirds to N. S. Poindexter, Winston-Salem, N. C. Battery tool. 2,314,126; Mar. 16.
- Colley, George F. and N. S. Poindexter, Winston-Salem, N. C. Fire tool. 2,314,127; Mar. 16.
- Collier, Freeman E., assignor to Foley Manufacturing Company, Minneapolis, Minn. Saw filing machine. 2,310,517; Feb. 9.
- Collier, Freeman E., assignor to Foley Manufacturing Company, Minneapolis, Minn. Flour sifter. 2,326,761; Aug. 17.
- Collier, Freeman E., assignor to Foley Manufacturing Company, Minneapolis, Minn. Sifter. 2,326,762; Aug. 17.
- Collier, Thomas W., Brunswick, Ga. Protective device. 2,315,245; Mar. 30.
- Collier, William F., Hydro, Okla. Minnow bucket carrier and aerating device. 2,330,870; Oct. 5.
- Collier, Winthrop F., assignor to Geo. D. Roper Corporation, Rockford, Ill. Rotary pump shaft bearing and seal. 2,316,565; Apr. 13.
- Colling, Joseph J., Pittsburgh, Pa. Bumper for commercial vacuum cleaners. 2,330,684; Sept. 28.
- Collings, William R., R. D. Freeman, and R. M. Upright, assignors to The Dow Chemical Company, Midland, Mich. Preparation of thermosetting resin. 2,336,672; Dec. 14.
- Collins & Aikman Corporation. (See Bird, Whitworth F., assignor.)
- Collins & Aikman Corporation. (See Goodspeed, Willis B., assignor.)
- Collins & Aikman Corporation. (See Hiers, Glen S., assignor.)
- Collins & Aikman Corporation. (See Keen, William R., assignor.)
- Collins & Aikman Corporation. (See Lambert, Emil, assignor.)
- Collins, Arthur J., Corpus Christi, Tex. Well perforating gun. 2,307,360; Jan. 5.
- Collins, Arthur L., Berkeley, Calif. Pump. 2,325,477; July 27.
- Collins, Calhoun, assignor of two-fifths to California Pacific Service, Inc., and one-fifth to T. M. Ryerson, Bakersfield, Calif. Switch mechanism. 2,323,646; July 6.
- Collins, Charles H., Lebanon, Ohio, assignor to Remington Arms Company, Inc. Turning tool. 2,321,281; June 8.
- Collins, Clyde, Incorporated. (See Lyons, Frank H., assignor.)
- Collins, Edward T., and H. M. Miller, assignors to Scoville Manufacturing Company, Waterbury, Conn. Spanner wrench. 2,334,069; Nov. 9.
- Collins, Elmer B., Washington, D. C. Star finder. 2,337,545; Dec. 28.
- Collins, Frank H., Orange, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Apparatus for preserving juice. 2,318,141; May 4.
- Collins, Frank H., Orange, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Preserving juice. 2,325,111; July 27.
- Collins, Gilbert L., Birmingham, Ala. Device for electric welding. 2,325,743; Aug. 3.
- Collins, Henry H., Bryn Mawr, Pa. Garment. 2,331,962; Oct. 19.
- Collins, Howard W., Newark, Ohio, assignor to Owens-Corning Fiberglass Corporation. Heat insulating construction. 2,323,297; July 6.
- Collins, James B., Grand Rapids, Mich. Valve spacer for pump rods. 2,311,816; Feb. 23.
- Collins, Milford E., Los Angeles, Calif., assignor to Radio Corporation of America. Galvanometer adjusting assembly. 2,330,335; Sept. 28.
- Collins, Milford E., Los Angeles, Calif., assignor to Radio Corporation of America. Noise reduction measuring system. 2,337,974; Dec. 28.
- Collins, Nigel J. (See Brown, W. R., and Collings.)
- Collins, Patrick J., Newark, N. J. Engine mounting and control. 2,311,303; Feb. 16.
- Collins Radio Company. (See Byrne, John F., assignor.)
- Collins Radio Company. (See Winkler, Walter H., assignor.)
- Collins, Raymond R., Southport, Conn., and J. A. Gibb, Northport, assignors to The Lummus Company, New York, N. Y. Conveyor. 2,319,979; May 25.
- Collins, Ronald B. (See Kendall, J. D., and Collins.)
- Collins, Tappan, Dormont, Pa., assignor to Carnegie-Illinois Steel Corporation. Foundation pile. 2,332,990; Oct. 24.
- Collins, Walter C., et al. (See Opp, Fred W., assignor.)
- Collins, Walter H., Summit, N. J. Skirt marker. 2,319,722; May 18.
- Collins, Walter H., Summit, N. J. Laundry drier. 2,325,478; July 27.
- Collins, Warren E., Inc. (See Roy, Edgar L., assignor.)
- Collins, Wilbur F., Oakland, Calif. Electrode holder. 2,309,886; Feb. 3.
- Collins, William M., Santa Monica, Calif., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Supporting base for electric scissors. 2,324,364; July 13.
- Collinson, Alick B., Glasgow, Mont. Automatic liquid lifter. 2,317,589; Apr. 27.
- Collis, Reginald, Ottawa, Ontario, Canada. Vehicle suspension and steering mechanism. 2,330,557; Sept. 28.
- Collison, Edward E., Indianapolis, assignor to H. E. Capehart, Washington, Ind. Control device. 2,324,909; July 20.
- Collison, Edward E., and P. U. Lannerd, Indianapolis, assignors to H. E. Capehart, Washington, Ind. Control device. 2,324,908; July 20.
- Collom, Cletus J., Detroit, Mich. Timing control system. 2,333,363; Nov. 2.
- Colman, Howard B. (See Buxton, L. O., and Colman.)
- Colman, Howard D., assignor to Barber-Colman Company, Rockford, Ill. Control strip composing machine. 2,324,280; July 13.
- Colman, Howard D., assignor to Barber-Colman Company, Rockford, Ill. Record mechanism. 2,334,145; Nov. 9.
- Colman, Wallace, and H. L. J. Haller, Washington, D. C., assignors to C. R. Wickard, as Secretary of Agriculture of the United States of America and to his successors in office. Mothproofing composition. 2,318,201; May 4.
- Colombo, Achille, New York, N. Y. Silent typewriting machine. 2,311,737; Feb. 23.
- Colombo, Frank B., et al. (See Neubauer, Aloysius S., assignor.)
- Colonial Broach Company. (See Welte, Benedict, assignor.)
- Colonial Knife Company. (See Palantonio, Antonio, assignor.)
- Colonial Lighting Co. Inc. (See Eknayan, Hrant, assignor.)
- Colonial Radio Corporation. (See Forbes, Henry C., assignor.)
- Colonial Radio Corporation. (See Scheer, Frederick H., assignor.)
- Colonnade Company, The. (See Roberts, Arthur, assignor.)
- Colorado Fuel & Iron Corporation, The. (See Bailey, William H., assignor.)
- Colorado Fuel and Iron Corporation, The. (See Cantrell, M. L., and Hed, assignors.)

- Colorado Fuel and Iron Corporation, The. (See Cantrell, M. L., and Slray, assignors.)
- Colorado Fuel and Iron Corporation, The. (See Frantz, Philip M., assignor.)
- Colorado Fuel and Iron Corporation, The. (See Frantz, P. M., and Berthoff, assignors.)
- Colorgraphic Incorporated. (See Adair, James E., assignor.)
- Colorgraphic Incorporated. (See Klepstein, Jesse D., assignor.)
- Colony Patent Corporation. (See Adams, Arthur H., Jr., assignor.)
- Colpron, Freda O., Warren, Minn. Receiptable, 2,323,379; July 6.
- Conson, Herman H. (See Lane, N. B., Mingle, and Conson.)
- Conson, Herman H., Teacock, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Gauge positioning mechanism. 2,323,647; July 6.
- Colt, Edwin W., Evanston, and E. D. Cornwell, Downers Grove, assignors to Armour and Company, Chicago, Ill. Adhesive. 2,307,198; Jan. 5.
- Colt, Ruger B. (See Chappell, R. R., and Colt.)
- Colt, Ruger B. (See Chappell, R. R., Colt, and Streib.)
- Colt, Samuel, West Orange, N. J. Reinforced shield for form wall tying means. 2,335,236; Nov. 30.
- Col-Temp Corporation. (See Cocanour, John B., assignor.)
- Colton, Alpha F., Detroit, Mich., assignor to Ralph C. Coalhead Corporation, New York, N. Y. Automatic justifying and indentation control. 2,322,222; June 22.
- Colt's Patent Fire Arms Manufacturing Company. (See Christensen, Paul M., assignor.)
- Colt's Patent Fire Arms Manufacturing Company. (See Conner, Benjamin F., assignor.)
- Colt's Patent Fire Arms Manufacturing Company. (See Kelly, Edward H., assignor.)
- Colt's Patent Fire Arms Manufacturing Company. (See Moore, Frederick T., assignor.)
- Colt's Patent Fire Arms Manufacturing Company. (See Webb, George, assignor.)
- Colucci, John, assignor to I. and M. Rosenblatt, co-partners doing business as Globe Lighting Fixture Mfg. Co., Brooklyn, N. Y. Light fixture. 2,320,435; Sept. 14.
- Columbia Baking Company. (See Hexter, J., and Lanham, assignors.)
- Columbia Baking Company. (See Lanham, William E., assignor.)
- Columbia Broadcasting System, Inc. (See Dyer, John N., assignor.)
- Columbia Broadcasting System, Inc. (See Goldmark, Peter C., assignor.)
- Columbia Dental Manufacturing Company, The. (See Morris, Charles L., assignor.)
- Columbia Mills, Inc., The. (See Burns, Fred J., assignor.)
- Columbia Mills, Inc., The. (See Goldman, Joshua H., assignor.)
- Columbian Rope Company. (See Beebe, G. R., and Koon, assignors.)
- Columbian Rope Company. (See Bowen, K. H., and Gane, assignors.)
- Columbian Rope Company. (See Dodge, Milo C., assignor.)
- Columbian Rope Company. (See Langford, John M., assignor.)
- Columbian Rope Company. (See Simpson, James S., assignor.)
- Columbian Rope Company. (See Steel, Charles H., assignor.)
- Columbus Auto Parts Company, The. (See Flumerfelt, William A., assignor.)
- Columbus Coated Fabrics Corporation. (See Hedges, W. D., Lowman, and Kerr, assignors.)
- Columbus Coated Fabrics Corporation. (See Olson, Herbert H., assignor.)
- Columbus Iron Works Co. (See Barnes, Julius C., assignor.)
- Columbus McKinnon Chain Corp. (See Manney, Charles J., assignor.)
- Columbus McKinnon Chain Corporation. (See Parker, H. F., Robbins, and Gilbert, assignors.)
- Columbus McKinnon Chain Corporation. (See Robins, Erford E., assignor.)
- Columbus Metal Products, Inc. (See Donley, Harold B., assignor.)
- Columbus Show Case Company, The. (See Teach, Max K., assignor.)
- Colvin, Clifford, Detroit, Mich., assignor to George M. Holley and Earl Holley. Ignition timing device. 2,317,885; Apr. 27.
- Colvin, John D., Indianapolis, Ind., assignor to Radio Corporation of America. Fuse indicating system. 2,317,030; Apr. 20.
- Colvin, Nolan D., assignor to Deere & Company, Moline, Ill. Tractor mower. 2,328,617; Sept. 7.
- Colvin, Nolan D., and C. J. Fredericksen, assignors to Deere & Company, Moline, Ill. Tractor mower. 2,318,202; May 4.
- Colvin, Wayne B., New York, N. Y. Producing missiles in flight. 2,309,166; Jan. 26.
- Colwell, Otha L. (See Bernstein, W. F., Mika, Lillis, and Colwell, William, Highland Park, and C. Allen, assignors to Fred Paper Animal Trap Company, Detroit, Mich. Power operated animal trap. 2,312,209; Feb. 23.
- Colwill, Richard H., Chicago, Ill. Cabinet. 2,331,655; Oct. 12.
- Comar Electric Co. (See Marco, F. J., Anderson, and Branstetter, assignors.)
- Combes, Harry L., Fort Wayne, Ind. Depth gauge. 2,336,393; Dec. 7.
- Combined Optical Industries Limited. (See Kingston, Arthur W., assignor.)
- Combs, L. L., et al. executors. (See Taylor, Judson O.)
- Combs, Merrill O. J. (See McNamara, W. L., and Combs.)
- Combustion Engineering Company. (See Hamm, Alexander L., assignor.)
- Combustion Engineering Company. (See Krug, J., and Braun, assignors.)
- Combustion Engineering Company. (See Marshall, Leonard J., assignor.)
- Combustion Engineering Company. (See Place, Palmer B., assignor.)
- Combustion Engineering Company. (See Stripe, William C., assignor.)
- Comer, Curtis G. (See Keener, B. A., and Comer.)
- Comet Model Airplane & Supply Company. (See Willard, Kenneth A., assignor.)
- Comfort, Edw. D., Minneapolis, Minn. Coin lock coat hanger. 2,319,630; May 11.
- Commercial Cable Company. (See Diamond, Bertram S., assignor.)
- Commercial Shearing and Stamping Company, The. (See Proctor, Robert V., assignor.)
- Commercial Solvents Corporation. (See Arzberger, Cornelius, assignor.)
- Commercial Solvents Corporation. (See Bogin, Charles, assignor.)
- Commercial Solvents Corporation. (See Bogin, C., and Wampner, assignors.)
- Commercial Solvents Corporation. (See Dolian, Frank E., assignor.)
- Commercial Solvents Corporation. (See Hodge, Edward B., assignor.)
- Commercial Solvents Corporation. (See Lansing, Arthur C., assignor.)
- Commercial Solvents Corporation. (See Morey, Glen H., assignor.)
- Commercial Solvents Corporation. (See Robinette, Hilary, assignor.)
- Commercial Solvents Corporation. (See Senkus, Murray, assignor.)
- Commercial Solvents Corporation. (See Stengel, Leonard A., assignor.)
- Commercial Solvents Corporation. (See Stengel, L. A., and O. Longhlin, assignors.)
- Commercial Solvents Corporation. (See Tinkall, John B., assignor.)
- Commercial Solvents Corporation. (See Tryon, Philip F., assignor.)
- Commire, Henry L., Detroit, Mich. Self-adjustable cradle for boat trailers. 2,332,991; Oct. 26.
- Commons, Charles H., Jr. (See Frost, L. J., and Commons.)
- Commonwealth Engineering Company of Ohio, The. (See Drummond, Folsom E., assignor.)
- Commonwealth Engineering Company of Ohio. (See Stahly, Grant L., assignor.)
- Commonwealth Engineering Company of Ohio, The. (See Stahly, G. L., and Carlson, assignors.)
- Commonwealth Engineering Company of Ohio, The. (See Toulmin, Harry A., Jr., assignor.)
- Commonwealth Engineering Company of Ohio, The. (See Wintermute, G. J., and Bench, assignors.)
- Communication Patents, Inc. (See Nicolson, Alexander McL., assignor.)
- Compan, Jeronimo D., Central Senado, Cuba. Three-roll mill for crushing sugar cane and the like. 2,316,843; Apr. 20.
- Compere, Thomas, Roslyn, N. Y. Educational and amusement device. 2,317,590; Apr. 27.
- Compo, Robert W., Defiance, Ohio. Making container closures. 2,337,452; Dec. 21.
- Compo Shoe Machinery Corporation. (See Crandell, Ervil L., assignor.)
- Compo Shoe Machinery Corporation. (See Dawson, Fred, assignor.)
- Compo Shoe Machinery Corporation. (See Macdonald, Kenneth W., assignor.)
- Compo Shoe Machinery Corporation. (See McDermott, James W., assignor.)
- Compo Shoe Machinery Corporation. (See Smith, John F., assignor.)
- Composite Rubber Products Corporation. (See Hosking, Oakley W., assignor.)
- Compton, Charles A., Washington, D. C. Headrest. 2,314,771; Mar. 23.
- Compton, Kenneth G., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated. New York, N. Y. Electrolytic condenser. 2,321,997; June 15.
- Comstock, Jackson D. (See Grove, D. E., and Comstock.)
- Comstock, Rock L., Weeks, assignor to Bay Chemical Company, Inc., New Orleans, La. Dry hydrogen chloride. 2,321,282; June 8.

- Comstock, Rock L. (See Lippman, A. J., and Comstock.)
 Conant, Polly A., assignor to Charles of The Ritz, Inc., New York, N. Y. Cosmetic container. 2,321,462; June 8.
- Conaway, Rollin F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Film and filament formation. 2,317,131; Apr. 20.
- Concord Knitting Company. (See Grey, Hugh M., assignor.)
- Condenser Corporation of America. (See Hild, Henry F., assignor.)
- Condenser Development Corporation. (See Fisher, Berne, assignor.)
- Condit, Daniel H., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Organo-aluminum solution and preparing same. 2,321,463; June 8.
- Condon, Robert S., assignor to Fibre Can Machinery Corporation, Rutland, Vt. Closure. 2,309,341; Jan. 26.
- Condon Solvents Inc. (See Jehle, Joseph F., assignor.)
- Condotha, Albert L., Wilkes-Barre, Pa. Fuel saving device for internal combustion engines. 2,337,311; Dec. 21.
- Cone Automatic Machine Company Inc. (See Adams, Clarence H., assignor.)
- Cone Automatic Machine Company. (See Loudon, J. E., and Sinclair, assignors.)
- Cone Automatic Machine Company Inc. (See Miller, Carroll E., assignor.)
- Cone, Howard M., Jr., Douglaston, N. Y., R. R. Bourret, Coral Gables, and L. E. Michelfelder, Miami, Fla. Apparatus for instruction in radio direction finding. 2,321,799; June 15.
- Coner, Ralph A., assignor to Threads, Incorporated, Gastonia, N. C. Sheet warp vibrator. 2,319,491; May 18.
- Conery, William J., assignor to The F. E. Meyers & Bro. Co., Ashland, Ohio. Combination centrifugal ejector pump. 2,335,109; Nov. 23.
- Coney, James H., Chicago, Ill., assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Garment hanger. 2,323,334; Aug. 10.
- Coner, Edwin P., Staunton, Va. Preserving wooden poles and posts. 2,308,491; Jan. 19.
- Congdon, Henry A., Kingston, R. I. Strawberry runner cutter. 2,318,675; May 11.
- Conkell, Elias W., assignor of one-half to J. L. Lambert, Birmingham, Ala. Reversible draft stove. 2,337,847; Dec. 28.
- Conkle, Carl J., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. One-way coupling device. 2,332,061; Oct. 19.
- Conklin, Frederick R. (See Meyer, L. W. A., and Conklin.)
- Conklin, Frederick R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Forming particles of thermoplastic materials. 2,319,040; May 11.
- Conklin, Frederick R., Kingsport, Tenn., and J. D. Ryan, Toledo, Ohio, assignors of one-half to Libbey-Owens-Ford Glass Company, and one-half to Eastman Kodak Company. Laminated glass. 2,336,531; Dec. 14.
- Conklin, Frederick R., Kingsport, Tenn., and J. D. Ryan, Toledo, Ohio, assignors of one-half to Libbey-Owens-Ford Glass Company, and one-half to Eastman Kodak Company. Laminated glass. 2,336,532; Dec. 14.
- Conley, Mary W., executrix. (See Conley, Victor H.)
- Conley, Victor H., deceased, late of Chicago, Ill., by Mary W. Conley, Chicago, Ill., executrix. Liquid depth indicator system. 2,328,954; Sept. 7.
- Conley, William J., Rochester, N. Y. Aircraft. 2,334,070; Nov. 9.
- Conlon, Thomas P., New York, N. Y. Universal time clock. 2,312,236; Feb. 23.
- Conlon, Thomas P., New York, N. Y. Navigational time-piece and setting mechanism. 2,324,560; July 20.
- Conmar Products Corporation. (See Greene, Martin, assignor.)
- Conmar Products Corporation. (See Jones, Lester L., assignor.)
- Conmar Products Corporation. (See Ulrich, Frederick, assignor.)
- Conmar Products Corporation. (See Wintriss, George, assignor.)
- Conmar Products Corporation. (See Wintriss, G., and Rabinow, assignors.)
- Conmar Products Corporation. (See Wintritz, George, assignor.)
- Conmar Products Corporation. (See Zeruneith, Rudolph E., assignor.)
- Conn, Arthur L., assignor to Standard Oil Company, Chicago, Ill. Powdered catalyst recovery. 2,311,978; Feb. 23.
- Conn, Arthur L., assignor to Standard Oil Company, Chicago, Ill. Catalyst control in hydrocarbon conversion. 2,327,175; Aug. 17.
- Conn, C. G., Ltd. (See Greenleaf, L. B., and Lipscomb, assignors.)
- Conn, Howard E., New Castle, Ind. Pencil holder and sharpening device. 2,334,477; Nov. 16.
- Conn, Mervin E. (See Roethel, B. E., and Conn.)
- Connell, Hendry C., Kingston, Ontario, Canada, assignor to Canadian-American Pharmaceutical Company, Wilmington, Del. Pain-alleviating material. 2,310,937; Feb. 16.
- Connelly, Will H., Park Ridge, Ill. Card game. 2,322,113; June 15.
- Conner, Benjamin F., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Forearm or the like for firearms. 2,312,150; Feb. 23.
- Conner, Edward A. (See Southwell, R. J., and Conner.)
- Conner, Harvey G., Paisley, Oreg. Anvil for riveting guard ledger plates. 2,332,830; June 29.
- Conner, James K., Minneapolis, Minn., E. W. Bird, Ames, Iowa, C. B. Flakker, and O. J. Johnson, assignors to Mandan Creamery & Produce Company, Mandan, N. Dak. Controlling the composition of butter. 2,331,656; Oct. 12.
- Conner, Michael, assignor to Sugar Beet Products Company, Saginaw, Mich. Wash fountain. 2,310,617; Feb. 9.
- Conner, Ralph N., Berkeley, Calif., assignor to The Baldwin Locomotive Works. Apparatus for making strain gauges. 2,334,668; Nov. 16.
- Connors, Carl L., assignor to W. F. Stimpson, Louisville, Ky. Weighing scale. 2,333,703; Nov. 9.
- Connors, George B., South Bend, Ind. Food cover. 2,307,569; Jan. 5.
- Connerty, Harold V., and W. H. Johnson, Washington, D. C. Variable frequency stimulator. 2,321,659; June 15.
- Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Cracking with synthetic catalysts. 2,307,878; Jan. 2.
- Connolly, Gerald C., Baton Rouge, La., assignor to Standard Catalytic Company. Hydrogenating with catalyst. 2,310,278; Feb. 9.
- Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Purification of hydrocarbon oils. 2,324,066; July 13.
- Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Purification of hydrocarbon oils. 2,324,067; July 13.
- Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Catalyst. 2,330,685; Sept. 28.
- Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Catalytic conversion of hydrocarbon oils. 2,335,163; Dec. 7.
- Connolly, Gerald C., Baton Rouge, La., assignor to Standard Oil Development Company. Conversion of hydrocarbon oils. 2,336,597; Dec. 14.
- Connolly, Gerald C., and R. N. Watts, Baton Rouge, La., assignors to Standard Oil Development Company. Preparation of gel catalyst. 2,326,523; Aug. 10.
- Connolly, William B., assignor to Rochester Manufacturing Co., Inc., Rochester, N. Y. Electrical mechanism for remote indication of movement. 2,334,543; Nov. 16.
- Connor, James J., Culver City, Calif. Door mat. 2,308,587; Jan. 19.
- Connor, Kirke W., assignor to Micromatic Hone Corporation, Detroit, Mich. Piston ring honing method. 2,318,837; May 11.
- Connor, Kirke W., Detroit, and D. T. Peden, Ann Arbor, assignors to Micromatic Hone Corporation, Detroit, Mich. Gauging method and means. 2,308,356; Jan. 12.
- Connor, Richard, Steubenville, Ohio. Machine for bending pipes and the like. 2,316,049; Apr. 6.
- Connor, Roger, and D. A. Nevin, assignors to The McBee Company, Athens, Ohio. Card support. 2,331,175; Oct. 5.
- Connors, Patrick J., Arlington, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Welt laying machine. 2,320,411; June 1.
- Conover, Richard E., Dayton, Ohio. Indicator. 2,321,581; June 15.
- Conover, Warren C., and C. L. Johnson; said Conover assignor to Outboard, Marine & Manufacturing Company, and said Johnson assignor to Johnson Brothers Engineering Corp., Waukegan, Ill. Oiling system for internal combustion engines. 2,333,524; Nov. 2.
- Conrad, Frank, Wilksburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voting machine. 2,315,597; Apr. 6.
- Conrad, Harold L. (See Conrad, Joshua C., and H. L.)
- Conrad, Ivan W., Alexandria, Va. Color photography. 2,309,626; Feb. 2.
- Conrad, John W., Zanesville, Ohio, assignor to James R. Kearney Corporation, St. Louis, Mo. Dead end tool. 2,319,587; May 18.
- Conrad, Joshua C., and H. L., Oklahoma City, Okla. Automatic drilling control. 2,327,505; Aug. 24.
- Conrad, Joshua C., and H. L., Oklahoma City, Okla. Foot-size indicator for drilling. 2,327,506; Aug. 24.
- Conrad Razor Blade Co. (See Bodkin, Irving S., assignor.)
- Conrad, Richard, Heidelberg, Germany; vested in the Alien Property Custodian. Carrying out catalytic reactions in the gas phase. 2,335,488; Nov. 30.
- Conrad, Samuel L., Columbus, Ohio. Self-propelled bomb. 2,327,621; Aug. 24.

- Conrad, Samuel L., Columbus, Ohio. Sanitary toilet and equipment therefor. 2,328,893; Sept. 7.
- Conrad, Victor, Berlin-Wilmersdorf, Germany; vested in the Allen Property Custodian. Improving the grinding, mixing, and refining of rubber materials, synthetics, and plastics. 2,326,927; Aug. 17.
- Conradson, Conrad M., deceased, Detroit, Mich., F. R. Walter, administrator, assignor, by mesne assignments, to O. Christanson, Madison, Wis., as trustee. Hydrostatic manual. 2,318,838; May 11.
- Conradson, Conrad M., Detroit, Mich., deceased, Frederick R. Walter, administrator, assignor, by mesne assignments, to O. Christanson, Madison, Wis. Power belt construction. 2,321,580; June 15.
- Conradson, Conrad M., Detroit, Mich., deceased; F. R. Walter, administrator, assignor, by mesne assignments, to O. Christanson, Madison, Wis., trustee. Machine tool attachment. 2,322,010; June 29.
- Conradty, Ottmar, Rothendach-on-the-Pegnitz, and H. Zollner, Lauf-on-the-Pegnitz, Germany; vested in the Allen Property Custodian. Switching device. 2,335,388; Nov. 30.
- Conrady, Hans, Kellheim in Taunus, Germany; vested in the Allen Property Custodian. Treatment of worn abrasive belts. 2,320,569; June 1.
- Conron, William H. (See Carlson, W. L., and Conron.)
- Conron, William H., Haddonfield, N. J., and E. W. Suckle, Philadelphia, Pa., assignors to Radio Corporation of America. High frequency receiver. 2,311,522; Feb. 16.
- Consoce Incorporated. (See Scharpenberg, Charles C., assignor.)
- Consolidated Aircraft Corporation. (See Smith Frank M., assignor.)
- Consolidated Aircraft Corporation. (See Wheatley, William B., assignor.)
- Consolidated Car Heating Company. (See Conway, John W., assignor.)
- Consolidated Car-Heating Company. (See Griffin, Percy M., assignor.)
- Consolidated Car-Heating Company. (See Hyatt, L. C., and Heymans, assignors.)
- Consolidated Car Heating Company. (See Parsons, Robert J., assignor.)
- Consolidated Car Heating Company. (See Tucker, A. E., and Gunnison, assignors.)
- Consolidated Car Heating Company. (See Van Almelo, Frederick K., assignor.)
- Consolidated Cork Corporation. (See Binder, John M., assignor.)
- Consolidated Edison Company. (See Rudd, Wallace C., assignor.)
- Consolidated Edison Company. (See Xenis, C. P., and Perine and King, assignors.)
- Consolidated Edison Company of New York, Inc. (See Fuller, Alfred W., assignor.)
- Consolidated Edison Company of New York, Inc. (See Williams, Ernest, assignor.)
- Consolidated Engineering Corporation. (See Hoover, Herbert, Jr., assignor.)
- Consolidated Engineering Corporation. (See Hoover, H. Jr., and Metcalf, assignors.)
- Consolidated Engineering Corporation. (See Hoover, H. Jr., Morgan, and Christie, assignors.)
- Consolidated Engineering Corporation. (See Hoover, H. Jr., and Swan, assignors.)
- Consolidated Engineering Corporation. (See Washburn, Harold W., assignor.)
- Consolidated Gas Electric Light and Power Company. (See Guernsey, Ernest W., assignor.)
- Consolidated Gas Electric Light and Power Company of Baltimore. (See Guernsey, Ernest W., assignor.)
- Consolidated Instruments Corporation. (See Robinson, Claude L., assignor.)
- Consolidated Irrigation District. (See Dukes, William E., assignor.)
- Consolidated Machine Tool Corporation. (See Trosch, Alfred, assignor.)
- Consolidated Machine Tool Corporation. (See Trosch, A., and Forward, assignors.)
- Consolidated Mining & Smelting Company, The. (See Hannay, W. H., and Walsh, assignors.)
- Consolidated Packaging Machinery Corporation. (See Allen, Howard G., assignor.)
- Consolidated Packaging Machinery Corporation. (See Briggs, Howland F., assignor.)
- Consolidated Packaging Machinery Corporation. (See Gantzer, Howard E., assignor.)
- Consolidated Paper Company. (See Manor, Willard O., assignor.)
- Consolidated Quarries Corp. (See Severinghaus, Nelson, assignor.)
- Consolidated Vultee Aircraft Corporation. (See Mills, Harold A., assignor.)
- Consolidated Vultee Aircraft Corporation. (See Smith, Frank M., assignor.)
- Consolidated Water Power and Paper Company. (See Adrian, Harry J., assignor.)
- Consolidated Water Power and Paper Company. (See Beadle, Warren E., Sr., assignor.)
- Consolidated Water Power and Paper Company. (See Thiele, W. F., and Beadle, Sr., assignors.)
- Constable, James M., Freeport, and R. W. Stamm, New York, N. Y., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. X-ray tube timer. 2,316,566; Apr. 13.
- Constable, John W., and T. D. Bibby, Clear Lake Highlands, Calif. Cocktail bar. 2,311,817; Feb. 23.
- Constantine, Nicholas A., Duluth, Minn. Sprayer. 2,325,112; July 27.
- Contaliner Company, The. (See Bergstrom, Harold A., assignor.)
- Container Corporation of America. (See Deem, R. B., and Thompson, assignors.)
- Container Corporation of America. (See Holy, Mitchell E., assignor.)
- Container Corporation of America. (See Kner, Albert B., assignor.)
- Container Corporation of America, et al. (See Lanigan, F. W., and Cass, assignors.)
- Container Corporation of America. (See Leavitt, J. P. H., and Wells, assignors.)
- Container Corporation of America. (See Lowey, Roy E., assignor.)
- Container Corporation of America. (See Rothe, C. R., and Thompson, assignors.)
- Container Corporation of America. (See Van Saun, Raymond H., assignor.)
- Container Corporation of America. (See Wells, Earle W., assignor.)
- Conrad, Pasquale, Philadelphia, Pa. Tap for cutting internal screwthreads. 2,335,741; Nov. 30.
- Conterman, Fred A., assignor to Blackstone Corporation, Jamestown, N. Y. Washing machine wringer. 2,308,056; Jan. 12.
- Conti, John A., East Templeton, assignor to Hedstrom-Union Company, Gardner, Mass. Tricycle. 2,310,064; Feb. 2.
- Conti, John A., East Templeton, assignor to Hedstrom-Union Company, Gardner, Mass. Velocipede frame and making it. 2,335,583; Nov. 30.
- Conti, John D., et al. (See Clemente, Agostino, assignor.)
- Continental Aviation and Engineering Corporation. (See Kinnucan, James W., assignor.)
- Continental Aviation and Engineering Corporation. (See Vincent, Edward T., assignor.)
- Continental Can Company. (See Baker, Edward E., assignor.)
- Continental Can Company. (See Baker, E. E., and Conway, assignors.)
- Continental Can Company. (See Beno, Norman J., assignor.)
- Continental Can Company. (See Clifton, L. E., assignor.)
- Continental Can Company. (See Coyle, John, assignor.)
- Continental Can Co. (See Dukehart, Morton M., Jr., assignor.)
- Continental Can Company. (See Eggers, Hans A., assignor.)
- Continental Can Company. (See England, I. W., and Haycock, assignors.)
- Continental Can Company. (See Fink, Henry A., assignor.)
- Continental Can Company. (See Geist, William J., assignor.)
- Continental Can Company. (See Goldsworthy, Norman H., assignor.)
- Continental Can Company. (See Grosse, Thomas A., assignor.)
- Continental Can Company. (See Haycock, John, assignor.)
- Continental Can Company. (See Jackson, George F., assignor.)
- Continental Can Company. (See Kronquest, Alfred L., assignor.)
- Continental Can Company. (See Kronquest, A. L., and Schmitt, assignors.)
- Continental Can Company. (See Mero, Ralph M., assignor.)
- Continental Can Company. (See Mills, J., and Lang, assignors.)
- Continental Can Company. (See Minaker, Herbert L., assignor.)
- Continental Can Company. (See Minaker, H. L., and Kuntz, assignors.)
- Continental Can Company. (See Murray, William W., assignor.)
- Continental Can Company. (See Nelson, G. E., and Magnus, assignors.)
- Continental Can Company. (See O'Brien, Frank J., assignor.)
- Continental Can Company. (See O'Neil, James H., assignor.)
- Continental Can Company. (See Pearson, Paul E., assignor.)
- Continental Can Company. (See Pearson, P. E. and Magnus, assignors.)
- Continental Can Company. (See Pearson, P. E., and Mero, assignors.)
- Continental Can Company. (See Plumb, Walter G., assignor.)
- Continental Can Company. (See Punte, William F., assignor.)
- Continental Can Company. (See Schmitt, Otto A., assignor.)

- Continental Can Company. (See Schrader, Herbert, assignor.)
- Continental Can Company. (See Scott, Harry A., assignor.)
- Continental Can Company. (See Stevenson, A. E., and Boyd, assignors.)
- Continental Can Company. (See Whitaker, Charles H., assignor.)
- Continental Can Company, Inc. (See Henschert, John, assignor.)
- Continental Carbon Company. (See McKinney, Charles E., assignor.)
- Continental-Diamond Fibre Company. (See Landt, G. E., and Petho, assignors.)
- Continental Gin Company. (See Morgan, George C., assignor.)
- Continental Machines, Incorporated. (See Wilkie, James W., assignor.)
- Continental Machines, Incorporated. (See Wilkie, Robert J., assignor.)
- Continental Motors Corporation. (See Jackson, Thomas, assignor.)
- Continental Motors Corporation. (See Preston, Charles L., assignor.)
- Continental Oil Company. (See Athy, L. F., and McCollum, assignors.)
- Continental Oil Company. (See Byrkit, Gordon D., assignor.)
- Continental Oil Company. (See Davis, L. L., Lincoln, and Byrkit, assignors.)
- Continental Oil Company. (See Hill, John L., assignor.)
- Continental Oil Company, et al. (See Hose, W. O., and Zurcher, assignors.)
- Continental Oil Company. (See Lincoln, B. H., and Byrkit, assignors.)
- Continental Optical Company. (See Duckwall, Frank E., assignor.)
- Continental Scale Corporation. (See Weber, M. J., and Vanderhoff, assignors.)
- Continental Screen Company. (See Fry, William R., assignor.)
- Continental Turpentine & Rosin Corp. Inc. (See Kressman, Frederick W., assignor.)
- Continuous Casting Corporation. (See Eldred, Byron E., assignor.)
- Contracting Division A. C. Horn Corporation. (See Fadden, Leon R., assignor.)
- Contryman, Theron A., Oswego, assignor to St. Regis Paper Company, New York, N. Y. Valve for bags. 2,307,111; Jan. 5.
- Conver Steel & Wire Company, Incorporated. (See La Grotta, Frank, assignor.)
- Converse, Frederick J., Pasadena, Calif. Measuring loads. 2,319,299; May 18.
- Converse Rubber Company. (See Nute, E. L., and Willey, assignors.)
- Converse, Willard B., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Pyrolysis of unsaturated ethers. 2,308,576; Jan. 26.
- Conveyer Company, Inc. (See Saxe, Walter E., assignor.)
- Conway, Carl C. Jr. (See Baker, E. E., and Conway.)
- Conway, James V., Hinsdale, and W. P. Crockett, Evanson, assignors of one-third to A. C. Doe, Chicago, Ill. Making dentures. 2,311,158; Feb. 16.
- Conway, John W., Mechanicville, assignor to Consolidated Air Heating Company, Inc., Albany, N. Y. Closure. 2,319,661; May 18.
- Conway, Mark A., assignor to Roach & Musser Company, Muscatine, Iowa. Window unit for trailers and the like. 2,323,121; June 29.
- Conwell, William J., assignor to G. I. Sellers & Sons Company, Elwood, Ind. Door hinge. 2,312,029; Feb. 23.
- Conzett, Achille, assignor to J. R. Geigy, A. G., Basel, Switzerland. Amino hydroxynaphthalene sulphonic acids or their N-substitution products and making the same. 2,335,237; Nov. 30.
- Conzett, Achille, and G. Schetty, assignors to the firm J. R. Geigy A. G., Basel, Switzerland. Dyes which become green when chromed and their manufacture. 2,317,733; Apr. 27.
- Conzett, Achille, and G. Schetty, assignors to J. R. Geigy A. G., Basel, Switzerland. Azo dyestuffs and their manufacture. 2,331,278; Oct. 5.
- Coogan, John H., West Warwick, assignor to Cranston Print Works Company, Cranston, R. I. Textile printing apparatus for printing one or both sides of fabrics. 2,318,374; May 4.
- Cook, George, et al. (See Brocky, Tony, assignor.)
- Cook, Charles A., assignor to Fuller Manufacturing Company, Kalamazoo, Mich. Power divider. 2,309,441; Jan. 26.
- Cook, Charles B., Los Angeles, Calif. Hydraulic transmission. 2,313,049; Mar. 9.
- Cook, Earle S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake valve device. 2,324,910; July 20.
- Cook, Earle S., Wilkinsburg, and D. R. Borst, Pitcairn, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake system. 2,317,132; Apr. 20.
- Cook, Einar, Clovis, Calif. Offset disk harrow. 2,337,801; Dec. 28.
- Cook Electric Company. (See Baker, J. S., and Schultz, assignors.)
- Cook Electric Company. (See Folds, G. R., and Schultz, assignors.)
- Cook, Ellsworth D., Scotia, N. Y., assignor to General Electric Company. Interval timer. 2,332,300; Oct. 19.
- Cook, Elmer W., assignor to Tide Water Associated Oil Company, New York, N. Y. Lubricant. 2,323,797; July 6.
- Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Lubricant. 2,311,931; Feb. 23.
- Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Stabilization of tetraethyl lead and a motor fuel containing the same. 2,316,739; Apr. 13.
- Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Lubricating oils. 2,319,662; May 18.
- Cook, Elmer W., New York, N. Y., and T. F. Bradley, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Lubricating composition. 2,325,040; July 27.
- Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Lubricating oil composition. 2,329,436; Sept. 14.
- Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Slushing oils. 2,334,071; Nov. 9.
- Cook, Elmer W., New York, N. Y., and W. D. Thomas, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Lubricating oil. 2,336,074; Dec. 7.
- Cook, George B., Summit, N. J., assignor to Standard Oil Development Company. Combination high and low pressure storage tank. 2,314,442; Mar. 23.
- Cook, George B., Summit, N. J., assignor to Standard Oil Development Company. Making corrosion resistant bottom seams for tanks. 2,317,734; Apr. 27.
- Cook, Harold H., Steward, Ill. Loader. 2,325,833; Aug. 3.
- Cook, James R., Woodbury, N. J. Pipe. 2,312,628; Mar. 2.
- Cook, James L., Trinity Center, Calif. Cutting torch attachment. 2,323,298; July 6.
- Cook, James W., and Company, Limited. (See King, Claude L., assignor.)
- Cook, John, Ridgewood, N. J. Wire producing mechanism. 2,315,189; Mar. 30.
- Cook, John, Ridgewood, N. J. Apparatus for annealing and coating wire. 2,320,412; June 1.
- Cook, John, Buffalo, N. Y. Attachable boiler furnace. 2,336,226; Dec. 7.
- Cook, John V., assignor to The Petersen Oven Company, Chicago, Ill. Conveyor for baking ovens. 2,318,925; May 11.
- Cook, Lewis R., and M. T. Goetz, Chicago, Ill., assignors, by mesne assignments, to Teletypewriter Corporation. Keyboard perforator and counter. Re. 22,350; July 20.
- Cook, Leonard, Stratford, Conn., assignor to General Electric Company. Protective device. 2,320,811; June 1.
- Cook, Lyman, assignor to The Foxboro Company, Foxboro, Mass. Control apparatus. 2,319,114; May 11.
- Cook, M. B., Company, The. (See Leonard, Charles J., assignor.)
- Cook, M. J. (See Acosta, John, assignor.)
- Cook, Mark, et al. (See Brocky, Tony, assignor.)
- Cook, Melvin A. (See Burrows, L. A., Cook, and Girdler.)
- Cook, Melvin A., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive composition. 2,312,752; Mar. 2.
- Cook, Oakley O., and C. E. Watson, assignors of one-tenth to Albert L. Reed and Carl B. Callaway, Dallas, Tex. Bactericide and making the same. 2,317,670; Apr. 27.
- Cook, Oakley O., and C. E. Watson, assignors of one-tenth to Albert L. Reed and Carl B. Callaway, Dallas, Tex. Chemical compound. 2,317,671; Apr. 27.
- Cook, Raymond C. (See Blair, Frank P., assignor.)
- Cook, Raymond W., assignor to Associated Spring Corporation, Bristol, Conn. Contact strip annealing furnace. 2,319,300; May 18.
- Cook, Raymond W., assignor to Associated Spring Corporation, Bristol, Conn. Contact strip annealing furnace. 2,319,302; May 18.
- Cook, Robert D., Grosse Pointe, and S. H. Fox, Birmingham, assignors to Gelatin Products Company, Detroit, Mich. Capsulation of materials containing alkali halides. 2,331,598; Oct. 12.
- Cook, Robert M., Los Angeles, Calif., assignor, by mesne assignments to International Cementers, Inc. Conveying and mixing apparatus. 2,320,509; June 1.
- Cook, Roger R., Des Moines, Iowa. Cultivator. 2,321,464; June 8.
- Cook, Roland T., Irvington, N. J., and W. A. Bonin, assignors to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,328,423; Aug. 31.
- Cook, Roland T., Irvington, N. J., and W. A. Bonin, assignors to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,328,708; Sept. 7.

- Cook, Willard G. Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,320,850; June 1.
- Cook, Willard O., and H. E. Romine, Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corporation. Treating tin. 2,312,076; Feb. 23.
- Cook, Willard O., and H. E. Romine, Pittsburgh, Pa., assignors to Carnegie-Illinois Steel Corporation. Surface treatment of tinned material. 2,314,818; Mar. 23.
- Cooke, Edward F. (See Roach, E. J., and Cooke.)
- Cooke, Edward F., Jr. (See Roach, E. J., and Cooke.)
- Cooke, Herbert S., Stamford, assignor to Machlett Laboratories Incorporated, Springfield, Conn. Manufacture of vacuum apparatus. 2,324,359; July 20.
- Cooke, Hereward L., Princeton, N. J., assignor to Aero Survey Corporation. Method and apparatus for producing maps. 2,309,752; Feb. 2.
- Cooke, Hereward L., and G. P. Harnwell, Princeton, N. J., assignors to Aero Survey Corporation. Contour map and making same. 2,309,827; Feb. 2.
- Cooke, William T., and A. S. Maeder, Palo Alto, Calif., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Method and apparatus for landing aircraft. 2,307,023; Jan. 5.
- Cookson, Clarence F., Rutherford, N. J. Check controlled apparatus. 2,330,371; Oct. 5.
- Coolidge, Sherman M., Tacoma, Wash. Table-top desk. 2,313,050; Mar. 9.
- Coolerator Company, The. (See La Casse, William J., assignor.)
- Conley, Austin G., Hudson View Gardens, assignor, by mesne assignments, to Times Telephoto Equipment Inc., New York, N. Y. Wiring arrangement for electric signaling systems. 2,328,056; Aug. 31.
- Cooley, Austin G., assignor to Times Telephoto Equipment Inc., New York, N. Y. Electro-optical signaling system. 2,336,673; Dec. 14.
- Cooley, Floyd A., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Fluid operator for swinging pumps. 2,310,057; Jan. 12.
- Cooley, Floyd A., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Automobile door handle assembly. 2,317,672; Apr. 27.
- Cooley, Murray C. (See Brown, K. R., Cooley, and Wefeler.)
- Cooley, William L., San Carlos, assignor to Archie A. Baldocchi, San Francisco, Calif. Photoelectric control device. 2,319,212; May 18.
- Coombs, Llewellyn F. (See Trumbull, W. M., and Coombs.)
- Cooney, Thomas F., New Haven, Conn. Convertible davenport and bed. 2,328,260; Aug. 31.
- Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,315,344; Mar. 30.
- Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,317,519; Apr. 27.
- Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,317,520; Apr. 27.
- Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,323,195; Aug. 31.
- Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,335,389; Nov. 30.
- Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,337,870; Dec. 28.
- Coons, Curtis C., and C. G. Puchy, assignors to The Hoover Company, North Canton, Ohio. Refrigeration. 2,310,760; Feb. 9.
- Coons, Curtis C., North Canton, and W. H. Kitto, Canton, assignors to The Hoover Company, North Canton, Ohio. Refrigeration. 2,328,196; Aug. 31.
- Cooper, Alfred, Croydon, England, assignor to Rubatex Products Inc., New York, N. Y. Production of gas expanded rubber and rubberlike materials. 2,335,649; Nov. 30.
- Cooper, Arthur H., Iver, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Radio receiver. 2,322,280; June 22.
- Cooper, Arthur H., Buckinghamshire, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Tuned circuits for wireless receivers. 2,325,174; July 27.
- Cooper, Arthur M. (See Sholder, M., and Cooper.)
- Cooper, Augusta A. (See Cooper, Charles R., assignor.)
- Cooper, Benjamin, Jersey City, N. J. Switch actuation recording system. 2,313,626; Mar. 9.
- Cooper, Benjamin, Jersey City, N. J. Treadle controlled toll checking system. 2,313,627; Mar. 9.
- Cooper, Benjamin, Jersey City, N. J. Motor operated key identifier. 2,325,744; Aug. 3.
- Cooper, Benjamin, Scotland, N. Y., assignor to General Electric Company. Electrical control circuit. 2,337,871; Dec. 28.
- Cooper-Bessemer Corporation. (See Bovard, Charles M., assignor.)
- Cooper, Charles R., assignor of one-half to himself and one-half to A. S. Cooper, San Francisco, Calif., as joint tenants. Food product and making same. 2,331,308; Oct. 12.
- Cooper, Claude B., Watertown, Mass. Vertical paper file. 2,333,704; Nov. 9.
- Cooper, Edward P., Newton, and F. N. Lo Presti, Waltham, Mass. Mica splitting machine. 2,329,593; Sept. 14.
- Cooper, Ernest, Bartlesville, Okla. Protecting apron for well tubing. 2,318,466; May 4.
- Cooper, Francis A. (See Willmore, E. S. R., and Cooper.)
- Cooper, Frank P., Cranford, N. J., assignor, by mesne assignments, to R. E. Ogden, New York, N. Y. Wall form tie. 2,323,705; July 6.
- Cooper, Frank P., Cranford, N. J., assignor, by mesne assignments, to R. E. Ogden, New York, N. Y. Adapter for form tie wedges. 2,338,025; Dec. 28.
- Cooper, Frank T., Cincinnati, Ohio. Kneeling dolly. 2,318,059; May 4.
- Cooper, Frederick S., Rome, Ga. Measuring device. 2,334,385; Nov. 16.
- Cooper, Harry G. (See Downer, C. P., and Cooper.)
- Cooper, Howell C. (See Jackson, J. O., and Cooper.)
- Cooper, Hugh S., assignor of one-half to F. H. Wilson, Cleveland, Ohio. Alloy for grinding balls. 2,323,120; June 29.
- Cooper, Hugh S., Forest Hills, N. Y., assignor to Cooper-Wilford Beryllium, Ltd., Philadelphia, Pa. Beryllium cementation. 2,325,041; July 27.
- Cooper, Hugh S., New York, N. Y., assignor to Cooper-Wilford Beryllium, Ltd., Philadelphia, Pa. Ceramic. 2,337,521; Dec. 21.
- Cooper, James B., assignor to Boeing Aircraft Company, Seattle, Wash. Aircraft cabin pressure controller. 2,307,199; Jan. 5.
- Cooper, James F., assignor to Wingfoot Corporation, Akron, Ohio. Collapsible boat. 2,334,072; Nov. 9.
- Cooper, Joseph H. (See Coates, C. B., and Cooper.)
- Cooper, Joseph H., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Fabrication method. 2,337,234; Dec. 21.
- Cooper, Lyle M. (See Maranick, J. V., and Cooper.)
- Cooper, McDougall & Robertson Limited. (See Kollo, D., McIntyre, and Willmore, assignors.)
- Cooper, McDougall & Robertson Limited. (See Willmore, E. S. R., and Cooper, assignors.)
- Cooper, Morris, Chicago, Ill. Combination receptacle tray. 2,308,267; Jan. 12.
- Cooper, Paul F., assignor to Scott & Williams, Inc., Lacombe, N. H. Strand feeding mechanism. 2,333,705; Nov. 9.
- Cooper, Robert H., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanizing rubber and product obtained thereby. 2,333,468; Nov. 2.
- Cooper, Roland S., River Forest, Ill., assignor to The Air Preheater Corporation, New York, N. Y. Corrosion reduction in air preheaters. 2,320,911; June 1.
- Cooper, Roland S., River Forest, Ill., assignor to The Air Preheater Corporation, New York, N. Y. Air preheater control. 2,321,129; June 8.
- Cooper, Roy L., Sheffield, Ill. Airplane package transfer apparatus. Re. 22,351; July 20.
- Cooper, Theodore, Trumbull, assignor to International Silver Company, Meriden, Conn. Apparatus for forming characters and designs on silver-plated flatware. 2,319,796; May 25.
- Cooper, Wilfred B., Rome, Ga., assignor to Tubize Chatillon Corporation. Apparatus for unwinding thread packages. 2,331,454; Oct. 12.
- Cooper-Wilford Beryllium, Ltd. (See Cooper, Hugh S., assignor.)
- Cooper, William, & Nephews, Incorporated. (See Wittlinger, Phillip D., assignor.)
- Cooper, William C., Jr., Jenkintown, Pa., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Refining acid anhydrides. 2,309,167; Jan. 26.
- Cooperative Development Co. (See Irwin, E. M., Lewis, Duval, Rule, and Chenoweth, assignors.)
- Cooperative Development Co. (See Irwin, E. M., Rule, and Lewis, assignors.)
- Cooperative Development Co. (See Weinstein, D. H., and Metzner, assignors.)
- Co-operative Wholesale Society Limited. (See Green, John E., assignor.)
- Cooper's, Incorporated. (See Fredericksen, Herman, assignor.)
- Cooper's, Incorporated. (See Kneibler, Arthur R., assignor.)
- Cope, Campbell D., St. Louis, Mo. Insulation. 2,307,918; Jan. 12.
- Cope, Kenneth B. (See Swartz, Richey L., assignor.)
- Cope, Kenneth V., and H. H. Helmers, Merrill, Iowa. Combination bay buck, stacker, and loader. 2,311,523; Feb. 16.
- Copeland, Charles V., Davenport, Iowa, and F. S. Schrage, Rock Island, Ill., assignors, by mesne assignments, to Joshua Hendy Iron Works, Sunnyville, Calif. Rotary pump. 2,319,776; May 25.
- Copeland, Robert J., Toronto, Ontario, Canada. Visible card record system. 2,330,953; Oct. 5.
- Copeman Laboratories Company. (See Copeman, Lloyd G., assignor.)
- Copeman Laboratories Company. (See Jennings, Harley Y., assignor.)
- Copeman, Lloyd G., Metamora, Mich. Clothesline. 2,318,375; May 4.
- Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Dispensing and using rubber. 2,307,020; Jan. 5.
- Copley, Michael J. (See Zellhoefer, G. F., Marvel, and Copley.)

- Copp, Philip, Didsbury, Manchester, and H. Whiteley, Cleckheaton, assignors to The Renold and Coventry Chain Company, Limited, Didsbury, Manchester, England. Casing for chain belt and like transmissions. 2,315,317; Mar. 30.
- Copperweld Steel Company. (See Atkinson, John F., assignor.)
- Coppick, Sydney. (See Jahn, E. C., and Coppick.)
- Corbett, Francis P., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade construction. 2,315,598; Apr. 6.
- Corbett, Harvey W. (See Hasenburger, H., and Corbett.)
- Corbett, Mitchell S., Oak Park, Ill. Adjustable tension splint. 2,312,523; Mar. 2.
- Corbett, Thomas H., administrator. (See Cunningham, V. W.)
- Corbetta, Louis P., Harrison, N. Y. Constructing concrete magazines. 2,324,911; July 20.
- Corbin, Wesley S. (See Britt, K. W., and Corbin.)
- Corbin, Wesley S., Ridley Park, and C. S. Hartman, assignors to Scott Paper Company, Chester, Pa. Continuous winding machine. 2,332,371; Oct. 19.
- Corbitt, Robert A. (See Dickey, J. E., and Corbitt.)
- Corcoran, Daniel F., Boston, Mass. Furnace. 2,336,925; Dec. 14.
- Corcoran, Louis L. (See White, Owen, Jr., assignor.)
- Corda, Frank P. A., North Tarrytown, N. Y. Twisting machine. 2,326,621; Aug. 10.
- Corder, Minnie F., New York, N. Y. Worker's thread kit. 2,328,955; Sept. 7.
- Cordes, Hugo, Hamburg-Altona, Germany; vested in the Allen Property Custodian. Automotive crawler vehicle with a scraper bowl. 2,312,389; Mar. 2.
- Cordes, Hugo, Hamburg-Altona, Germany; vested in the Allen Property Custodian. Automotive crawler vehicle with a scraper bowl having a bulldozer blade. 2,312,390; Mar. 2.
- Cordis, Nat., Chicago, Ill. Bottle discharging means. 2,336,924; Dec. 14.
- Cordrey, Hancil, and W. J. Duvall, Chula Vista, Calif. Archer's bow. 2,307,021; Jan. 5.
- Cordrey, Hancil, and W. J. Duvall, Chula Vista, assignors to Slutsky, Los Angeles, Calif. Operating means for swinging closures. 2,321,800; June 15.
- Cords, William, San Diego, Calif. Piston packing device. 2,310,352; Feb. 9.
- Cordwell, Zelma P., Glen Ridge, N. J. Cutting device. 2,332,439; Oct. 19.
- Coro Laboratories, Inc. (See Horner, William L., assignor.)
- Coroco, Inc. (See Murphy, Harry S., assignor.)
- Corey, Emmett H., Rocky River, Ohio. Ventilating poultry and the like battery houses. 2,335,173; Nov. 23.
- Corey, Flournoy, F. Doetzel, Jr., and R. D. Pitts, Cedar Rapids, Iowa. Apparatus for graining. 2,337,433; Dec. 21.
- Corey, George H. (See McCarthy, Aimee M., assignor.)
- Corey, William W., St. Louis, Mo., assignor to Iowa Valve Company, Des Moines, Iowa. Valve stem or valve operating device for fire hydrants. 2,309,238; Jan. 26.
- Cornhart Refractories Company. (See Smyth, Harold T., assignor.)
- Corkery, Frank W., Crafton, and S. G. Burroughs, Pittsburgh, Pa., assignors to Pennsylvania Industrial Chemical Corporation. Coating composition. 2,319,369; May 18.
- Corkery, Frank W., Crafton, and S. G. Burroughs, Pittsburgh, Pa., assignors to Pennsylvania Industrial Chemical Corporation. Terpene adhesive. 2,320,716; June 1.
- Corkery, Frank W., Crafton, and S. G. Burroughs, Pittsburgh, Pa., assignors to Pennsylvania Industrial Chemical Corporation. Terpene coatings. 2,320,717; June 1.
- Corkery, Frank W., Crafton, and S. G. Burroughs, Pittsburgh, Pa., assignors to Pennsylvania Industrial Chemical Corporation. Rubber compound. 2,320,718; June 1.
- Corman, Louis. (See Weisberg, M., and Corman.)
- Corn Products Refining Company. (See Bishop, J. P., and Henry, assignors.)
- Corn Products Refining Company. (See Cantor, Sidney M., assignor.)
- Corn Products Refining Company. (See Kelling, Alfred H., assignor.)
- Corn Products Refining Company. (See Kerr, Ralph W., assignor.)
- Corn Products Refining Company. (See Rowe, W. J., and Hagen, assignors.)
- Corn Products Refining Company. (See Sturken, Oswald C. H., assignor.)
- Corn Products Refining Company. (See Swallen, L. C., and Hamilton, assignors.)
- Corn Products Refining Company. (See Swallen, L. C., and James, assignors.)
- Cornelius, Richard T., Minneapolis, Minn. Dispensing device. 2,316,406; Apr. 13.
- Cornelius, Richard T., Minneapolis, Minn. Beverage dispensing apparatus. 2,325,228; July 27.
- Cornell-Dubilier Electric Corporation. (See Bailey, William M., assignor.)
- Cornell-Dubilier Electric Corporation. (See Gray, Donald E., assignor.)
- Cornell-Dubilier Electric Corporation. (See Weiss, Felix, assignor.)
- Cornell, Elias S. (See Hampton, W. O., and Cornell.)
- Cornell, Elias S., and T. Fjellstedt, Chicago, and S. C. Killian, Oak Park, assignors to Delta-Star Electric Company, Chicago, Ill. Switching device. 2,316,844; Apr. 20.
- Cornell, Elton S., Charlestown, N. H., and C. N. Williams, assignors to Bryant Chucking Grinder Company, Springfield, Mass. Tool spindle with removable projection. 2,330,688; Sept. 28.
- Cornell, Fay D., Pasadena, Calif. Housing animals. 2,311,640; Feb. 23.
- Cornell, Fay D., Pasadena, Calif. Husbandry system. 2,314,344; Mar. 23.
- Cornell, Fay D., Pasadena, and A. C. Tolley, Los Angeles, Calif. Binder. 2,311,641; Feb. 23.
- Cornell, Gertrude R., Toronto, Ontario, Canada. Costume for use in modeling dresses and the like. 2,321,584; June 15.
- Cornell Machine Company, The. (See Cornell, Mead, assignor.)
- Cornell, Mead. (See Bergman, C. P., and Cornell.)
- Cornell, Mead. (See Giles, L. E., Cornell, and Kelley.)
- Cornell, Mead, assignor to The Cornell Machine Company, Cleveland, Ohio. Material treating process and apparatus. 2,318,293; May 4.
- Cornell, Mead, assignor to The Cornell Machine Company, Cleveland, Ohio. Treating apparatus. 2,324,824; July 20.
- Cornell, Paul W., Pittsburgh, Pa., assignor to Standard Oil Development Company. Catalytic conversion process. 2,307,879; Jan. 12.
- Cornell Research Foundation, Inc. (See Sharp, Paul F., assignor.)
- Cornell Securities Corporation. (See Van Horn, Arthur H., assignor.)
- Cornett, Walter V., Brooklyn, N. Y. Portable cutting and breaking machine. 2,335,171; Nov. 23.
- Cornett, Walter V., Brooklyn, N. Y. Concrete breaking machine. 2,335,172; Nov. 23.
- Corning Glass Works. (See Blau, Henry H., assignor.)
- Corning Glass Works. (See Clapp, C. W., and Orr, assignors.)
- Corning Glass Works. (See Dalton, Robert H., assignor.)
- Corning Glass Works. (See Gray, David E., assignor.)
- Corning Glass Works. (See Greene, Charles H., assignor.)
- Corning Glass Works. (See Hinkley, Ray A., assignor.)
- Corning Glass Works. (See Hinkley, R. A., and Miller, assignors.)
- Corning Glass Works. (See Hood, H. P., and Nordberg, assignors.)
- Corning Glass Works. (See Jackson, John K., assignor.)
- Corning Glass Works. (See Kiehl, Harry R., assignor.)
- Corning Glass Works. (See Littleton, Jesse T., assignor.)
- Corning Glass Works. (See Littleton, J. T., Lillie, and Shaver, assignors.)
- Corning Glass Works. (See Mattoon, Deo R., assignor.)
- Corning Glass Works. (See Nordberg, Martin E., assignor.)
- Corning Glass Works. (See Pond, Leander N., assignor.)
- Corning Glass Works. (See Willson, Herbert S., assignor.)
- Cornock, Edward F., assignor to Package Machinery Company, Springfield, Mass. Wrapped package with rip cord. 2,307,667; Jan. 5.
- Cornwell, Earl D. (See Colt, E. W., and Cornwell.)
- Cornwell, Ralph T. K., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Packaging. 2,338,074; Dec. 28.
- Cornwell, Ralph T. K., and C. M. Rosser, Fredericksburg, and J. A. Yourtee, Falmouth, assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Printing and article produced thereby. 2,320,510; June 1.
- Corra, Thomas, New York, N. Y. Broiler. 2,314,772; Mar. 23.
- Corriga, John T., Newport, R. I. Hydraulic transmission. 2,329,594; Sept. 14.
- Corry-Jamestown Manufacturing Corporation. (See Hultberg, Walter R., assignor.)
- Corry Metal Corporation. (See Stowe, Rolland M., assignor.)
- Corse, Joseph, assignor to Eli Lilly and Company, Indianapolis, Ind. Dealkylation of α,β -bis-(p-alkoxyphenyl)- α,β -disubstituted ethanes and p,p'-dialkoxy- α,β -disubstituted stilbenes. 2,325,307; July 27.
- Corsini, Umberto F., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Adjustable rolling mill guide. 2,325,373; July 27.
- Corso, Frank S., Beechhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone booth. 2,328,618; Sept. 7.
- Corson, Ben E., Pittsburgh, Pa., and N. W. Cox, assignors to Universal Oil Products Company, Chicago, Ill. Dehydrogenation of hydrocarbons. 2,311,979; Feb. 23.
- Corson, Bolton L., Chestnut Hill, assignor to G. & W. H. Corson, Inc., Plymouth Meeting, Pa. Dry lime hydrate and producing same. 2,309,168; Jan. 26.
- Corson, Ernest H., Jr., Washington, D. C. Combined handle and fastener for receptacles. 2,334,478; Nov. 16.

- Corson, G. & W. H., Inc. (See Corson, Helton L., assignor.)
- Corson, Richard C., Olean, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Barrel filler. 2,316,934; Apr. 20.
- Corson, William G., Akron, Ohio. Expandable core. 2,308,268; Jan. 12.
- Corte, Alfred. (See Klempner, W. R., and Corte.)
- Corte, Alfred, Glendale, Calif., assignor, by mesne assignments, to Vega Aircraft Corporation. Multiple slip ring. 2,319,443; May 18.
- Corteen, Harry, assignor to Teotal Broadhurst Lee Company Limited, Manchester, England. Production of seamed fabrics. 2,307,870; Jan. 12.
- Cortella, Alphonse, New York, assignor to T. K. Patterson, Rockville Centre, N. Y. Phonograph device. 2,314,345; Mar. 23.
- Cortella, Alphonse, assignor to Cortella Laboratories Inc., New York, N. Y. Pile apparatus. 2,334,386; Nov. 16.
- Cortella Laboratories Inc. (See Cortella, Alphonse, assignor.)
- Cortese, Thomas M. (See Kober, Paul A., and Cortese.)
- Cortese, Thomas M., East Orange, N. J. Applying luminescent material. 2,318,060; May 4.
- Cortland Grinding Wheels Corporation. (See Meyer, Percival E., assignor.)
- Corwin, Carl K., Alliquippa, Pa. Measuring device. 2,320,437; Sept. 14.
- Corwin, Carlion H., Knowle, England, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Luminous adhesive sheet. 2,332,641; Nov. 9.
- Corwin, Howard D., assignor to Lake State Products, Inc., Jackson, Mich. Wheel. 2,332,131; Oct. 19.
- Cory, Anthony, New York, N. Y. Mechanical movement. 2,328,261; Aug. 31.
- Cory, Samuel L., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Driving clutch and control means therefor. 2,327,176; Aug. 17.
- Cosman, Claus A., New Bedford, Mass., assignor to Wonder Weave, Incorporated, Bridgeport, Conn. Shuttle. 2,323,203; June 29.
- Cosmcolor Corporation. (See Gillmore, Otto C., assignor.)
- Coss, George R., Elizabeth, N. J., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner. 2,322,223; June 22.
- Coss, Harold T., Somerville, N. J., assignor to John-Manville Corporation, New York, N. Y. Method and apparatus for producing mineral wool. 2,325,940; Aug. 3.
- Cosser, A. C., Limited. (See Bedford, L. H., Jofeh, and Stevens, assignors.)
- Cosser, A. C., Limited. (See Shelton, E. E., and Moss, assignors.)
- Costa, Anthony P., Athens, assignor of one-half to W. C. Harris, Windsor, Pa. Pneumatic cotton picker. 2,308,357; Jan. 12.
- Costa, Ferrero. (See Costa, Juanita and F.)
- Costa, Joseph L., Woonsocket, and W. H. Kahler, Saylesville, assignors to Manville Jenckes Corporation, Manville, R. I. Apparatus and method for the manufacture of artificial fibers. 2,317,152; Apr. 20.
- Costa, Joseph L., Woonsocket, and W. H. Kahler, Saylesville, assignors to Manville Jenckes Corporation, Manville, R. I. Treatment of acid setting baths used in the manufacture of cellulose products from viscose. 2,336,778; Dec. 14.
- Costa, Juanita and F., New York, N. Y. Combination wheel chair and stretcher. 2,322,683; June 22.
- Costigan, Edward, et al., trustees. (See Glassman, L. H., and Burger, assignors.)
- Cotal, Jean Paris, France; vested in the Alien Property Custodian. Method and device for grinding cooperating faces of friction members. 2,313,804; Mar. 16.
- Cotchett, Louis M., Hingham, and J. A. Kennedy, Saco, Maine, assignors to Saco-Lowell Shops, Boston, Mass. Hobbin for spinning frames. 2,320,965; June 1.
- Cote, Omer B., Providence, R. I., assignor to United States Automatic Box Machinery Co., Inc., Roslindale, Mass. Variable cam mechanism. 2,324,767; July 20.
- Cotera, Augustus S., Galveston, Tex., assignor to Charles Bruning Company, Inc., New York, N. Y. Eraser. 2,330,954; Oct. 5.
- Cothran, Charles D., Pomona, Calif., assignor, by mesne assignments, to Brodrex Company. Preparation of light-colored fresh fruit for market. 2,329,513; Sept. 14.
- Cothran, David E., Timmons ville, S. C. Jar lifter. 2,334,907; Nov. 23.
- Cotman, Carl A., Parma, and D. K. Wright, Cleveland Heights, Ohio, assignors to General Electric Company. Electric lamp and manufacture. 2,317,031; Apr. 20.
- Cotman, Carl A., and D. K. Wright, Cleveland Heights, Ohio, assignors to General Electric Company. Terminal structure for electric lamps. 2,317,032; Apr. 20.
- Cotter, Thomas A., et al. (See Eaton, Philip W., assignor.)
- Cotterman, Frederick W., Dayton, Ohio. Hydromechanical transmission gearing. 2,319,388; May 18.
- Cotton Research Foundation. (See Bass, L. W., and Olcott, assignors.)
- Cotton Research Foundation. (See Olcott, Harold S., assignor.)
- Cotton, Robert L., Holdenville, Okla. Fire hose washer. 2,320,173; May 25.
- Cotton, William, Limited. (See Wilders, G., and Lynam, assignors.)
- Cotton, William, Limited. (See Wilders, G., and MacDonald, assignors.)
- Cottrell, C. B., & Sons Company. (See Luehrs, Hans J., assignor.)
- Cottrell, C. B., & Sons Company. (See Meyer, Joseph E., assignor.)
- Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,312,881; Mar. 2.
- Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,315,047; Mar. 30.
- Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Journal box and connection. 2,327,151; Aug. 17.
- Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,331,073; Nov. 9.
- Couch, Henry R. (See Nadeau, G. F., and Couch.)
- Couch, Louie E., Houston, Tex., assignor to Well Tool Development Corporation. Perforating gun for oil well casings. 2,327,340; Aug. 24.
- Couch, Henry R. (See Cottrell, H. M., and Couch.)
- Couch, S. H., Company Inc. (See Jackson, Frank W., assignor.)
- Couden, Earl R., Chicago, Ill. Spreading disks. 2,312,960; Mar. 2.
- Couillard, Pierre L., Brest, Finistere, France; vested in the Alien Property Custodian. Apparatus culting for a material representation of numbers. 2,318,501; May 11.
- Coulson, Richard, assignor to The Renold and Coventry Chain Company Limited, Lidsbury, Manchester, England. Automatic chain tensioning device. 2,337,591; Dec. 28.
- Coutais, Wilbur J., and Ellsworth T. Johnson, assignors to Deere & Company, Moline, Ill. Tractor mower. 2,330,687; Sept. 28.
- Coutais, Wilbur J., Moline, Ill., and R. I. Dort, Davenport, Iowa, assignors to Deere & Company, Moline, Ill. Harvester. 2,337,592; Dec. 28.
- Coulter, Robert L., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Pressure-sensitive adhesive sheet. 2,328,057; Aug. 31.
- Coultrip, Raymond L. (See Winborne, R. A., and Coultrip.)
- Coupanzer, William A., Elmore, Minn. Tree holder. 2,327,403; Aug. 24.
- Courchene, Theodore P., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,326,123; Aug. 10.
- Courson, George E., Cleveland, assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Carton. 2,326,928; Aug. 17.
- Court, Frank T. (See Brown, T., and Court.)
- Courtaulds Limited. (See Averns, H. M., and Briggs, assignors.)
- Courtaulds Limited. (See Cameron, W. G., and Morton, assignors.)
- Courtaulds Limited. (See Tallis, E. E., and Field, assignors.)
- Courtaulds Limited. (See Wholton, Fred, assignor.)
- Courtaulds Limited. (See Wilcock, C. C., and Tattersfield, assignors.)
- Courtney, John F., Florence, S. C., assignor of one-third to C. J. Velare, Crystal River, Fla., and one-third to A. I. Markham, Chicago, Ill. Amusement apparatus. 2,307,737; Jan. 12.
- Courtney, Joseph F., Chicago, assignor of one-half to T. L. Hedgpath, River Forest, Ill. Milk container. 2,321,660; June 15.
- Couse, Kibbey W., Newark, N. J. Power take-off. 2,311,030; Feb. 16.
- Couse, Kibbey W., Newark, N. J. Combined electrical and mechanical power structure. 2,333,469; Nov. 2.
- Couse, Kibbey W., Newark, N. J. Portable foldable mast structure. 2,335,584; Nov. 30.
- Cousino, Walter F., Toledo, Ohio, assignor of one-half to A. A. Leclerc, Detroit, Mich. Clinch nut and production. 2,314,075; Mar. 16.
- Coutcher, William A., Monroe, Mich. Automatic accelerator control. 2,312,031; Feb. 23.
- Courts, Edwin, Penryn, Calif. Windshield swipe. 2,324,365; July 13.
- Couty, Norman M., Ship Bottom, N. J., assignor to The Flex-O-Tube Company. Fluid motor. 2,336,847; Dec. 14.
- Couzens, William M., South Gate, assignor to Gaffers and Sattler, Los Angeles, Calif. Burner control system. 2,315,773; Apr. 6.
- Couzens, William M., South Gate, assignor to Gaffers and Sattler, Los Angeles, Calif. Burner control system. 2,315,774; Apr. 6.
- Covel Manufacturing Company. (See Platt, C. I., and Filstrup, assignors.)
- Coventry Climax Engines Limited. (See Hathaway, Lawrence, assignor.)
- Coventry Climax Engines Limited. (See Lee, L. P., Hathaway, and Sawbridge, assignors.)

- Cover, Claude W., Portland, Oreg. Pelleting machine. 2,325,374; July 27.
- Cover, Harvey S., South Bend, Ind. Respirator. 2,320,770; June 1.
- Cover, Jacob A., Modesto, Calif. Fertilization of small plants. 2,330,408; Sept. 28.
- Cover, Ralph, Westminster, Md. Corn cutting machine. 2,332,894; Oct. 26.
- Covi, John B. (See Koch, A. L., and Covi.)
- Coviello, Pasquale. (See Lo Cascio, F., Kaufman and Coviello.)
- Cowan, Edward J., Springdale, Conn., assignor to Radio Corporation of America. Antenna. 2,337,710; Dec. 28.
- Cowan, Frank M. (See Evans, F. C., and Cowan.)
- Cowey, Leonard E., Kew Gardens, England. Shock absorber strut or oleo leg for aircraft. 2,324,281; July 13.
- Cowherd, David S., Kansas City, Mo. Fluid pump or motor. 2,312,961; Mar. 2.
- Cowin and Company. (See Cowin, James, assignor.)
- Cowin, James, assignor to Cowin and Company, Minneapolis, Minn. Building structure. 2,326,197; Aug. 31.
- Cowin, Stuart H., Chicago, Ill., assignor to General Motors Corporation, Detroit, Mich. Diesel electric drive and control system. 2,317,253; Apr. 20.
- Cowin, Stuart H., Chicago, Ill., assignor to General Motors Corporation, Detroit, Mich. Dynamic braking system. 2,317,254; Apr. 20.
- Cowl, John S., Swoope, Va. Package inverting machine. 2,316,407; Apr. 13.
- Cowles Company, The. (See Cowles, Edwin, assignor.)
- Cowles, Edwin, Cayuga, N. Y., assignor to The Cowles Company, Princeton, N. J. Conveyor apparatus. 2,317,978; May 4.
- Cowles, Edwin, Hopewell, assignor to The Cowles Company, Princeton, N. J. Preparation of paper stock. 2,331,455; Oct. 12.
- Cowles, George P., Framingham, Mass., assignor to Warren Telephon Company. Process timer. 2,312,077; Feb. 23.
- Cowles, Harold A., and G. W. Simpson, Rochester, N. Y.; said Cowles assignor to said Simpson. Display carton. 2,300,753; Feb. 2.
- Cowles, Irving, et al., co-trustees. (See Cowles, Irving, assignor.)
- Cowles, Irving, Detroit, Mich. Injector tube coupling means. 2,313,323; Mar. 9.
- Cowles, Irving, Detroit, Mich., assignor to himself and R. W. Lotz, Chicago, Ill., as successor co-trustees of Utility Patents Trust. Conduit and coupling therefor. 2,320,812; June 1.
- Cowles, Irving, Detroit, Mich., assignor to I. Cowles and R. W. Lotz, Chicago, Ill., successor co-trustees to Union Bank of Chicago, Ill. Coupling for flanged metal tubing. 2,320,813; June 1.
- Cowles, Irving, Detroit, Mich., assignor to Irving Cowles and Rudolph W. Lotz, Chicago, Ill., successor co-trustees to Union Bank of Chicago, Illinois. Metallic conduit and coupling therefor. 2,326,929; Aug. 17.
- Cowles, Irving, Detroit, Mich., assignor to R. W. Lotz, Chicago, Ill., and himself, as successor co-trustees of Utilities Patents Trust. Coupling for metal tubing. 2,333,470; Nov. 2.
- Cox, Charles A., Homestead, and J. S. Holland, Coral Gables, Fla. Rock plow. 2,322,115; June 15.
- Cox, Clarence H., Normandy, Mo. Depilatory composition. 2,327,507; Aug. 24.
- Cox, Clyde B., Fort Ord, Calif. Ordnance. 2,330,205; Sept. 28.
- Cox, David C., assignor to Electric Sorting Machine Company, Grand Rapids, Mich. Sorting machine. 2,325,665; Aug. 3.
- Cox, Dudley A., assignor to Michigan Desk Company, Grand Rapids, Mich. Drawer slide. 2,333,843; Nov. 9.
- Cox, Edwin, assignor to Virginia-Carolina Chemical Corporation, Richmond, Va. Phosphoric acid composition. 2,336,448; Dec. 7.
- Cox, Elbert. (See Reynolds, Walter M., assignor.)
- Cox, Ernesto F., Ramon, Mejia, F. C. O. Argentina, assignor to National Lead Company, New York, N. Y. Core solder. 2,334,609; Nov. 16.
- Cox, Floyd A. (See Green, J. R., and Cox.)
- Cox, Frederick G., Metuchen, N. J., assignor to General Cable Corporation, New York, N. Y. Cable terminal. 2,310,201; Feb. 9.
- Cox, Henry L., and A. C. Plewes, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Distillation process and apparatus. 2,310,399; Feb. 9.
- Cox, Herbert F., Jr., Murray Hill, and J. Felber, Hillside, N. J., assignors to American Can Company, New York, N. Y. Container. 2,321,011; June 8.
- Cox, Irvin W., West Allis, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electrical contact. 2,307,668; Jan. 5.
- Cox, James L. (See Lowry, E. F., and Cox.)
- Cox, James L., Danvers, Mass., assignor to Sylvania Electric Products Inc. Electric discharge lamp. 2,322,224; June 22.
- Cox, James L., Danvers, Mass., assignor to Sylvania Electric Products Inc. Electric discharge lamp. 2,322,421; June 22.
- Cox, Jerome R., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,332,301; Oct. 19.
- Cox, John C., Ladue, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking mechanism. 2,328,619; Sept. 7.
- Cox, John V. B., and F. L. Thomas, Portland, Oreg., assignors to Hercules Powder Company, Wilmington, Del. Crusher. 2,318,142; May 4.
- Cox, John W., Berkeley, Calif., assignor to Radio Corporation of America. Facsimile and picture transmission. 2,331,456; Oct. 12.
- Cox, Joseph H. (See Myers, Henry C., and Cox.)
- Cox, Joseph H., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric device. 2,333,525; Nov. 2.
- Cox, Joseph H., Forest Hills, and L. A. Casanova, Wilkensburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric system. 2,315,599; Apr. 6.
- Cox, Joseph H., Forest Hills, and H. C. Myers, Irwin, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor-electric device. 2,331,471; Oct. 12.
- Cox, Leo G., Pensacola, Fla. Propeller friction test tool. 2,337,546; Dec. 28.
- Cox, Maurice W. (See Corson, B. B., and Cox.)
- Cox, Nellie L., administratrix. (See Cox, Percy.)
- Cox, Parker G., J. T. Black, and G. C. Frick, Detroit, Mich. Punch press tool. 2,319,765; May 18.
- Cox, Paul. (See Reynolds, Walter M., assignor.)
- Cox, Percy, Keston Park, England, deceased; N. L. Cox, administratrix. Rock boring and like tool. 2,324,679; July 20.
- Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Preparation of pentaerythritol. 2,329,514; Sept. 14.
- Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Treatment of rosin or modified rosin. 2,329,515; Sept. 14.
- Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Treatment of hydrogenated rosin and product obtained. 2,329,516; Sept. 14.
- Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Treatment of polymerized rosin and product obtained. 2,329,517; Sept. 14.
- Cox, Richard F. B., assignor to Hercules Powder Company, Wilmington, Del. Nitroethyl nitrate derivative. 2,330,112; Sept. 21.
- Cox & Stevens Aircraft Corporation. (See Thurston, A. L., and Sweeney, assignors.)
- Cox, William B., Louisville, Ky. Foot bathing device. 2,312,524; Mar. 2.
- Cox, Woodford, Harrisburg, Ill. Thread protector nuts. 2,314,079; Mar. 16.
- Coxe, Charles D., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Formation of metal shapes. 2,316,144; Apr. 6.
- Coxe, Charles D., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Metal surface finishing. 2,327,870; Aug. 24.
- Coxe, Charles D., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Ammunition. 2,331,870; Oct. 12.
- Coxe, Joseph A., Los Angeles, Calif., assignor to Bronson Reel Company, Bronson, Mich. Fishing reel. 2,329,982; Sept. 21.
- Coxe, Joseph A., Los Angeles, Calif., and R. P. McMahon, assignors to Bronson Reel Company, Bronson, Mich. Fishing reel. 2,314,032; Mar. 16.
- Coxhead, Ralph C., Corporation. (See Colton, Alpha F., assignor.)
- Coy, Don W., assignor to United Biscuit Company of America, Chicago, Ill. Variable speed control apparatus. 2,334,074; Nov. 9.
- Coy, Don W., Chicago, and W. T. Ritter, River Forest, assignors to United Biscuit Company of America, Chicago, Ill. Carton forming method and apparatus. 2,321,562; June 8.
- Coy, Joseph A., Cincinnati, Ohio, assignor to The Wadsworth Electric Manufacturing Company, Covington, Ky. Circuit breaker. 2,307,823; Aug. 22.
- Coy, Joseph A., Cincinnati, Ohio, assignor to The Wadsworth Electric Manufacturing Company, Inc., Covington, Ky. Circuit breaker. 2,312,753; Mar. 2.
- Coyne, John, Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Flanging sheet metal can bodies. 2,335,916; Dec. 7.
- Coyne, John, Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Oven for drying metal sheets. 2,337,649; Dec. 28.
- Coyle, Joseph L., London, Ontario, Canada, assignor to Leon Benoit, New York, N. Y. Holder for eggs or the like. 2,316,050; Apr. 6.
- Coyne, Guy R., Milwaukee, Wis., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening inserting machine. 2,310,938; Feb. 16.
- Coyne, William R. (See Holmes, W. G., Coyne, and Lagaard.)
- Cozart, William T., Roxboro, N. C., assignor to William B. Walker, Atlanta, Ga. Attachment for wrist watches. 2,328,785; Sept. 7.
- Crabbe, Leland D., assignor to Phoenix Metal Cap Co. Inc., Chicago, Ill. Closure for jars and the like. 2,319,849; May 25.

- Crabbs, Charles H., assignor of fifty per cent to V. B. Ginsberg, Denver, Colo. Fluid transmission. 2,308,440; Jan. 12.
- Crabbs, Herbert J., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Crown castelled nut. 2,307,919; Jan. 12.
- Crabbs, Roscoe B., Morristown, N. J., assignor to The Philip Carey Manufacturing Company. Manufacture of hydraulic cement products. 2,328,058; Aug. 31.
- Crabtree, Hedley G., Caterham, England. Lifesaving cushion. 2,310,840; Feb. 9.
- Crabtree, John L. (See Eaton, G. T., and Crabtree.)
- Crabtree, John L. and R. W. Henn, assignors to Eastman Kodak Company, Rochester, N. Y. Photography. 2,333,766; Nov. 9.
- Crabtree, Ralph N., and C. A. Brooks, San Bernardino, Calif. Internal combustion engine apparatus. 2,312,151; Feb. 23.
- Craft, John H., Jr. (See Dense, J. C., and Craft.)
- Craft, John H., Jr., assignor to Defender Photo Supply Co., Inc., Rochester, N. Y. Chilling photographic emulsions. 2,316,845; Apr. 20.
- Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Delivery mechanism for printing presses. 2,308,862; Jan. 19.
- Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Printing press. 2,316,935; Apr. 20.
- Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Rotary printing press. 2,329,830; Sept. 21.
- Crafts, Curtis S., Oak Park, and C. V. Knell, Glen Ellyn, Ill., assignors to News Syndicate Co., Inc., New York, N. Y. Method and means for maintaining register in multiunit presses. 2,317,095; Apr. 20.
- Crafts, Irving M., Portland, and C. B. Taylor, Middletown, assignors to The Pickering Governor Company, Portland, Conn. Governor for prime movers. 2,314,841; Mar. 23.
- Crafts, Walter, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Deep-hardening silicon steels. 2,328,828; Aug. 17.
- Craftsman Line-up Table Corporation. (See Davis, William M., assignor.)
- Crago, Harry R., Schenectady, N. Y., assignor to General Electric Company. Automatic condition responsive control. 2,314,197; Mar. 16.
- Crago, Paul H., Wilkensburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,324,012; July 20.
- Craig, Charles R. (See Smith, S. R., Jr., and Craig.)
- Craig, Charles R., Pittsfield, Mass., assignor to General Electric Company. Protective device. 2,314,346; Mar. 23.
- Craig, Charles R., Pittsfield, Mass., assignor to General Electric Company. Protective device. 2,337,872; Dec. 28.
- Craig, Charles W. (See Brown, C. A., and Craig.)
- Craig, David, Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,318,758; May 11.
- Craig, David, Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Separation of piperylene isomers. 2,322,281; June 22.
- Craig, David, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company. Purification of butadiene. 2,318,988; May 11.
- Craig, David, assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Treatment of conjugated diene hydrocarbons. 2,326,440; Aug. 10.
- Craig, Edward C., United States Navy, and G. W. Leyde, Arlington, Va. Buoyant insulating and protective overalls. 2,321,583; June 15.
- Craig, Edward C., and L. A. Straits, United States Navy. Pneumatic life preserver belt. 2,334,696; Nov. 23.
- Craig, Edward L., Charleston, W. Va. Surface covering. 2,323,299; July 6.
- Craig, Ernest, Falconbridge, Ontario, Canada. Rock drill. 2,322,420; June 22.
- Craig, Ernest, Falconbridge, Ontario, Canada. Dressing and sharpening rock drills. 2,330,658; Sept. 28.
- Craig, Francis, assignor to Economic Machinery Company, Worcester, Mass. Adjustable labeling machine. 2,321,601; June 15.
- Craig, Harvey A., Darien, Conn., assignor to Rheem Manufacturing Company, Richmond, Calif. Reducer attachment for pouring spouts. 2,325,834; Aug. 3.
- Craig, James R., Kenmore, N. Y., assignor to The Linde Air Products Company. Treating welds. 2,325,113; July 27.
- Craig, James R., Ben Avon, Pa., assignor, to The Linde Air Products Company. Blowtorch. 2,327,508; Aug. 24.
- Craig, John G., assignor to Joseph Bancroft & Sons Co., Wilmington, Del. Color correlating sample book. 2,317,673; Apr. 27.
- Craig, Morris, St. Louis, Mo., assignor to Hastings Manufacturing Company. Piston ring. 2,309,442; Jan. 26.
- Craig, Ollison, assignor to Riley Stoker Corporation, Worcester, Mass. Beater element for pulverizing apparatus. 2,314,689; Mar. 23.
- Craig, Palmer H., Shaker Heights, assignor to Invox Corporation, Cleveland, Ohio. Electromechanical connection. 2,327,622; Aug. 24.
- Craig, Palmer M. (See McCoy, C. T., and Craig.)
- Craig, Robert S., Robbinsdale, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic burner control system. 2,325,229; July 27.
- Craig, W. E., Philadelphia, and W. F. Hester, Drexel Philadelphia, Pa. Insecticide. 2,312,801; Mar. 3.
- Craig, Wallace A., assignor to Richfield Oil Corporation, Los Angeles, Calif. Manufacture of ethers. 2,328,059; Aug. 31.
- Craigne, Zur W., Norwich, N. Y. Silo door and silo. 2,322,923; June 29.
- Crake, Wilfred St. M. E., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Floating drilling barge. 2,334,992; Nov. 23.
- Crake, Wilfred St. M. E., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Screw joint for sucker rods and the like. 2,337,711; Dec. 28.
- Craikes, Clarence S., Santa Maria, Calif. Siren. 2,325,175; July 27.
- Cram, George F. (See Hall, C. L., and Cram.)
- Cramer, Archibald B. (See Hibbert, H., and Cramer.)
- Cramer, Harold F., Denver, Colo. Cooking meat. 2,331,266; Oct. 5.
- Cramer, Jesse F. (See Cramer, Roy A. and J. F.)
- Cramer, George F., San Francisco, Calif. Ventilator. 2,320,268; Mar. 25.
- Cramer, Paul L., Highland Park, assignor to General Motors Corporation, Detroit, Mich. Depolymerizing olefinic polymers. 2,320,851; June 1.
- Cramer, R. W., Company, Inc., The. (See Schellens, Eugene L., assignor.)
- Cramer, Raymond H., Newark, N. J., assignor to General Motors Corporation, Detroit, Mich. Gauging and sorting machine. 2,307,572; Jan. 5.
- Cramer, Raymond H., Newark, N. J., assignor to General Motors Corporation, Detroit, Mich. Grinding machine. 2,311,214; Feb. 16.
- Cramer, Raymond H., Newark, N. J., assignor to General Motors Corporation, Detroit, Mich. Chucking mechanism. 2,315,937; Apr. 6.
- Cramer, Raymond H., Newark, N. J., assignor to General Motors Corporation, Detroit, Mich. Grinding machine. 2,330,809; Oct. 5.
- Cramer, Raymond H., Newark, N. J., assignor to General Motors Corporation, Detroit, Mich. Grinding machine. 2,333,411; Nov. 2.
- Cramer, Roy A., Kansas City, Mo. Adjustable seat and footrest. 2,308,358; Jan. 12.
- Cramer, Roy A. and J. F., Kansas City, Mo. Locking sliding seat. 2,312,030; Feb. 23.
- Cramer, Stanley S., Haddon Heights, N. J. Tuning structure for radio sets. 2,318,572; May 4.
- Cramer, Stanley S., Haddon Heights, N. J. Solenoid type of electromagnet. 2,337,375; Dec. 21.
- Cramer, Theron A., Schenectady, N. Y., assignor to General Electric Company. Alternating current reclosing breaker system. 2,335,650; Nov. 30.
- Cramer, Vernon E., Lomita, Calif. Fireplace screen. 2,307,570; Jan. 5.
- Crampton, Basil K., Grand Rapids, Mich. Flush tank operating apparatus. 2,320,912; June 1.
- Crampton, Donald K., Marion, and H. L. Burghoff, assignors to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Branch fitting. 2,309,099; Jan. 26.
- Crampton, Donald K., Marion, and H. L. Burghoff, assignors to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Copper base alloy. 2,309,100; Jan. 26.
- Crampton, Donald K., Marion, and H. L. Burghoff, assignors to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Copper base alloy. 2,309,101; Jan. 26.
- Crampton, Donald K., Marion, and H. L. Burghoff, assignors to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Copper base alloy. 2,309,102; Jan. 26.
- Crampton, Donald K., Marion, and H. L. Burghoff, assignors to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Copper base alloy. 2,309,103; Jan. 26.
- Crampton, Donald K., Marion, and H. L. Burghoff, assignors to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Copper-base alloy. 2,334,753; Nov. 23.
- Crampton Manufacturing Company. (See Pleasant, H. E., and Keller, assignors.)
- Crawinkel, Arnold, C. J. Dippel, K. J. Keuning, and F. L. Van Weenen, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Method of treating photographic material. 2,317,591; Apr. 27.
- Crandall, Frank R. (See Overholser, Henry D., assignor.)
- Crandall, George S. (See Badertscher, D. E., Crandall and Seeger.)
- Crandall, George S. (See George, R. S., Crandall, and Nygaard.)

- Crandall, George S., Woodbury, N. J., R. S. George, State College, Pa., and E. M. Nygaard, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method for stabilizing organic thionitrites. 2,328,547; Sept. 7.
- Crandall, George S., Woodbury, N. J., R. S. George, State College, Pa., and E. M. Nygaard, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Stabilizing organic thionitrites. 2,328,709; Sept. 7.
- Crandall, George S., Woodbury, N. J., R. S. George, State College, Pa., and E. M. Nygaard, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Stabilizing organic thionitrites. 2,328,710; Sept. 7.
- Crandall, George S., Woodbury, N. J., R. S. George, State College, Pa., and E. M. Nygaard, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Stabilizing organic thionitrites. 2,328,711; Sept. 7.
- Crandall, Julian T., Ashaway, R. I., assignor to Ashaway Line & Twine Mfg. Co. Shipping and display container. 2,307,571; Jan. 5.
- Crandell, Dean D., assignor to National Gypsum Company, Buffalo, N. Y. Wallboard. 2,310,216; Feb. 9.
- Crandell, Dean D., assignor to National Gypsum Company, Buffalo, N. Y. Wallboard. 2,310,217; Feb. 9.
- Crandell, Dean D., assignor to National Gypsum Company, Buffalo, N. Y. Wallboard joint system. 2,313,990; Mar. 16.
- Crandell, Dean D., assignor to National Gypsum Company, Buffalo, N. Y. Acoustic material. 2,326,763; Aug. 17.
- Crandell, Dean D., assignor to National Gypsum Company, Buffalo, N. Y. Plasterboard faced with lightweight paper. 2,330,810; Oct. 5.
- Crandell, Ervin L., Wellesley, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Shoe cementing apparatus. 2,309,303; Jan. 26.
- Crandell, Ervin L., Wellesley, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Apparatus for the cementing of shoes. 2,321,150-1; June 8.
- Crandell, Ervin L., Wellesley, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Electrostatic bonding apparatus. 2,324,068; July 13.
- Crandell, Ervin L., Wellesley, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Method and apparatus for the cementing of articles. 2,333,412; Nov. 2.
- Crane, Albert. (See Walther, Lucien E., assignor.)
- Crane & Breed Casket Company, The. (See Gerold, Lawrence, assignor.)
- Crane, Carl J. (See Ocker, W. C., and Crane.)
- Crane, Carl J., Dayton, Ohio. Levelling device. 2,313,763; Mar. 16.
- Crane, Carl J., Shreveport, La. Navigation trainer. 2,326,764; Aug. 17.
- Crane, Carl J., G. V. Holloman, and R. K. Stout, Dayton, Ohio. Electric throttle engine. 2,311,642; Feb. 23.
- Crane, Carl J., Shreveport, La., and S. M. Burka, Dayton, Ohio. Temperature compensated bubble for panoramic camera. 2,327,742; Mar. 16.
- Crane, Carl J., Shreveport, La., G. V. Holloman and R. K. Stout, Dayton, Ohio. Automatic glide and/or climb control. 2,315,501; Apr. 6.
- Crane, Carl J., and R. K. Stout, Dayton, Ohio. Marker beacon and landing gear controlled throttle engine. 2,321,582; June 15.
- Crane, Carl J., G. V. Holloman, and R. K. Stout, Dayton, Ohio. C. D. Barbussee, Yellow Springs, Ohio. Aircraft automatic takeoff, flight, and landing. 2,322,225; June 22.
- Crane, Carl J., and R. K. Stout, Dayton, Ohio. Automatic altitude control. 2,323,311; July 6.
- Crane, Carlton L., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing far-hydrolyzed cellulose esters. 2,327,770; Aug. 24.
- Crane, Charles R., II, and W. J. Gartz, assignors to Crane Co., Chicago, Ill. Valve handwheel. 2,307,392; Jan. 5.
- Crane, Clayton O., and P. J. Mulligan, Denver, Colo., assignors to United States Rubber Company, New York, N. Y. Form liner. 2,310,400; Feb. 9.
- Crane Co. (See Anderson, S., and Manuel, assignors.)
- Crane Co. (See Bryant, Corwin W., assignor.)
- Crane Co. (See Crane, C. B., II, and Gartz, assignors.)
- Crane Co. (See Fawkes, Donald G., assignor.)
- Crane Co. (See Fennema, Richard, assignor.)
- Crane Co. (See Hepper, L. H., and Tucker, assignors.)
- Crane Co. (See Hoeh, Earl A., assignor.)
- Crane Co. (See Kent, C. E., and Carlson, assignors.)
- Crane Co. (See Lindell, John W., assignor.)
- Crane Co. (See Manuel, Robert W., assignor.)
- Crane Co. (See Marburg, Adolf W., assignor.)
- Crane Co. (See Oravec, Emil G., assignor.)
- Crane Co. (See Schmidt, L. G., and Yant, assignors.)
- Crane Co. (See Schrohe, R. H., and Manuel, assignors.)
- Crane Co. (See Smak, Julius R., assignor.)
- Crane Co. (See Smith, W. V., and Venton, assignors.)
- Crane Co. (See Stone, Carl R., assignor.)
- Crane Co. (See Svabek, John E., assignor.)
- Crane Co. (See Turck, J. R., and Holling, assignors.)
- Crane Co. (See Ziegler, N. A., and Northrup, assignors.)
- Crane Co. (See Zinkil, Roy H., assignor.)
- Crane Co. (See Zinkil, R. H., Larson, and Hansen, assignors.)
- Crane, Edward V., assignor to E. W. Bliss Company, Brooklyn, N. Y. Notching and blank forming apparatus. 2,325,230; July 27.
- Crane, Edward V., assignor to E. W. Bliss Company, Brooklyn, N. Y. Detecting means for presses. 2,329,392; Sept. 14.
- Crane, Edward V., assignor to E. W. Bliss Company, Brooklyn, N. Y. Roll feed auxiliary adjustment. 2,330,955; Oct. 5.
- Crane, Hubert R. (See Osborn, William D., and Crane.)
- Crane, Hubert R., Los Angeles, Calif. Pipe bore cleaner apparatus. 2,322,508; June 22.
- Crane, Hubert R., Los Angeles, Calif. Rod guide jack equipment. 2,334,908; Nov. 23.
- Crane, Hubert R., and W. D. Osborn, Los Angeles, Calif. Sewer sand washer or desander. 2,328,060; Aug. 31.
- Crane, Joshua, Boston, Mass. Dry shaving or clipping machine. 2,329,595; Sept. 14.
- Crane, Newton, Needham, deceased. 2,328,060; Aug. 31.
- Crane, Hubert R., Perkins, Westwood, Mass., executors. Laundry apparatus. 2,335,560; Nov. 30.
- Crane Packing Company. (See Brummer, Olin, assignor.)
- Crane Packing Company. (See Teeple, Charles P., assignor.)
- Cranford, Lloyd L. O., Baton Rouge, La. Paraffin scraping tool. 2,322,419; June 22.
- Crankshaft Machine Company. (See Hunt, William D., assignor.)
- Cranmer, Edgar J., Los Angeles, Calif. Composition. 2,328,894; Sept. 7.
- Cranmer, George H., Philadelphia, Pa., assignor to Electroflux Corporation, New York, N. Y. Suction nozzle. 2,333,471; Nov. 2.
- Cranmer, James J., assignor to Endicott Johnson Corporation, Endicott, N. Y. Shoe upper. 2,312,078; Feb. 23.
- Cranshaw, Harold B., Newton, assignor to Burnitol Manufacturing Company, Charlestown, Mass. Sputum cup. 2,330,029; Sept. 21.
- Cranshaw, Harold B., Newton, assignor to Burnitol Manufacturing Company, Charlestown, Mass. Sputum cup. 2,330,030; Sept. 21.
- Cranshaw, Harold B., Newton, assignor to Burnitol Manufacturing Company, Charlestown, Mass. Sputum cup. 2,330,031; Sept. 21.
- Cranston Print Works Company. (See Coogan, John H., assignor.)
- Cranston Print Works Company. (See May, John H., assignor.)
- Crapez, Jules, Mons-en-Baroeul, France; vested in the Alice Property Custodian. Psychrometer. 2,326,124; Aug. 10.
- Crapo, Frederick M. (See Fowle, F. F., and Crapo.)
- Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Supervision of electric systems. 2,310,065; Feb. 2.
- Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Automatic reclosing circuit breaker equipment. 2,311,370; Feb. 16.
- Crary, Selden B., Schenectady, N. Y., assignor to General Electric Company. Protective system. 2,324,825; July 20.
- Crasnoff, Victor N., Alton, assignor to Western Cartridge Company, East Alton, Ill. Expanding projectile. 2,333,091; Nov. 2.
- Cravath, Austin M., San Francisco, Calif., assignor to The Union Switch and Signal Company, Swissvale, Pa. Transmitting apparatus for railway train communication systems. 2,313,924; Mar. 16.
- Cravath, Austin M., San Francisco, Calif., assignor to The Union Switch and Signal Company, Swissvale, Pa. Transmitting apparatus for railway train communication systems. 2,327,249; Aug. 17.
- Craven, Howard F. (See Hill, J. H., and Craven.)
- Cravener, Donald H., Jr., assignor to Borg-Warner Corporation, Chicago, Ill. Control for clamps. 2,328,262; Aug. 31.
- Cravens, Thomas E., Kerrville, Tex. Valve. 2,308,269; Jan. 12.
- Craver, Augustus E. (See Reichel, F. H., Craver, and Russell.)
- Crawford, Arthur N., Plymouth, Calif. Tooth unit for dredge buckets. 2,307,359; Jan. 5.
- Crawford, Arthur N., Foresthill, Calif. Locking device for buck teeth. 2,312,802; Mar. 2.
- Crawford, Bertha O. (See Crawford, Boyd B. and B. O.)
- Crawford, Boyd B. and B. O., Independence, Mo. Colonic irrigator. 2,313,805; Mar. 16.
- Crawford, Charles E., Cos Cob, Conn. Cutting oil. 2,328,620; Sept. 7.
- Crawford, Charles E., Cos Cob, Conn. Distillation of fatty oils. 2,328,621; Sept. 7.
- Crawford, Charles E., Cos Cob, Conn. Core oil and core. 2,328,622; Sept. 7.
- Crawford, Charles K., Chicago, Ill., assignor to Julia McLean Crawford. Mirror and supporting arrangement. 2,334,610; Nov. 16.

- Crawford, Chester C., Bartlesville, Okla., and W. E. Ross, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalytic conversion. 2,337,014; Dec. 14.
- Crawford, Chester C., Bartlesville, Okla., and W. E. Ross, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalytic conversion. 2,337,015; Dec. 14.
- Crawford, Clyde, Tarrant City, assignor of five per cent to E. Anderson, Birmingham, Ala. Window drier. 2,311,478; Mar. 16.
- Crawford, David J., United States Army, Durant, Miss. Periscope. 2,307,759; Jan. 12.
- Crawford, David J., United States Army, Durant, Miss. Periscope. 2,310,439; Feb. 16.
- Crawford, David J., U. S. Army, Durant, Miss. Protective vision device. 2,336,409; Dec. 14.
- Crawford, Ernest A., Chicago, Ill., assignor to Sperry Products, Inc., Hoboken, N. J. Automatic temperature compensation for pressure indicators of continuous rolling mills. 2,322,418; June 22.
- Crawford, H. Barney, et al., trustee. (See Odor, Ralph K., assignor.)
- Crawford, H. Barney, et al., trustee. (See Odor, R. K. and Dodge, assignors.)
- Crawford, Harry H., Wellsburg, W. Va., assignor to St. Regis Paper Company, New York, N. Y. Method and apparatus for bottling buses. 2,325,042; July 27.
- Crawford, Harry J., Venice, Calif. Truss construction for overswinging doors or the like. 2,319,363; May 18.
- Crawford, Hugh J., Oakland, Calif. Vegetable pulper and juicer. 2,325,066; July 20.
- Crawford, Ian C. (See Goddu, L. W., and Crawford.)
- Crawford, Jack, New York, assignor to Eastman Kodak Company, Rochester, N. Y. Color photography. 2,324,063; July 13.
- Crawford, John W. C., Frodsham, and N. McLeish, Runcorn, England, assignors to Imperial Chemical Industries Limited. Purification of alpha chloroacrylic compounds preliminary to polymerization. 2,314,443; Mar. 23.
- Crawford, Julia McL. (See Crawford, Charles K., assignor.)
- Crawford, Loyal F., assignor to Gboman Manufacturing Company, Chicago, Ill. Shaker conveyor. Re. 22,263; Feb. 9.
- Crawford, Richard A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Liquid golf ball core. 2,324,768; July 20.
- Crawford, Robert B., Toia, Kans. Liquid-solid transitory phase air cooling or conditioning system. 2,336,674; Dec. 14.
- Crawford, Robert B., P. Washington, D. C. Air conditioning. 2,323,122; Jan. 29.
- Crawford, Robert B., P. Miami, Fla. Air conditioning system. 2,324,865; Nov. 23.
- Crawford, Thurston, Columbus, Ga. Bus. 2,315,688; Apr. 6.
- Crawford, William E., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Electric heating and forming apparatus. 2,325,479; July 27.
- Crawford, William E., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Apparatus for electrically upsetting pipe ends. 2,325,480; July 27.
- Crawford, William E., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Electric forming apparatus. 2,325,481; July 27.
- Crawford, William E., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Hot water tank assembly. 2,335,174; Nov. 23.
- Crawshaw, Stephen L., Pittsburgh, Pa., and J. R. Williams, Seattle, Wash., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gear transmission drive. 2,323,643; July 6.
- Craymer, Henry J., Chelmsford, England, assignor to Radio Corporation of America. Variable impedance. 2,308,863; Jan. 19.
- Crayton, Foster M., Philadelphia, Pa. Coupling. 2,323,986; Nov. 9.
- Creadick, John C. (See Hall, R. E. T., Creadick, and Banigan.)
- Creadick, John C., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Article of manufacture. 2,307,760; Jan. 12.
- Creeger, Frederick L., Camden, N. J., assignor to Radio Corporation of America. Telltale device. 2,334,479; Nov. 16.
- Cream Cone Machine Company, The. (See Taylor, Carl R., assignor.)
- Creamery Package Mfg. Company, The. (See Godfrey, Joseph H., assignor.)
- Cranage, Arthur L., assignor to American Photocopy Equipment Co., Chicago, Ill. Photoprinting device. 2,335,742; Nov. 30.
- Creasy, Luther P., Catawissa, Pa. Manicuring attachment for pencils and the like. 2,336,779; Dec. 14.
- Crebs, Earl R., San Francisco, Calif. Rewind core and endpiece. 2,320,068; May 25.
- Crecca, John D., T. S. Navy. Subaqueous end welding device. 2,307,026; Jan. 5.
- Crecca, John D., U. S. Navy, and A. G. Bissell, Washington, D. C. Subaqueous end-welding device. 2,315,502; Apr. 6.
- Crecca, John D., U. S. Navy. Electrical switch. 2,321,012; June 8.
- Crech, Jesse E., Jacksonville, Fla. Cell. 2,323,455; July 6.
- Crech, Merl D. (See Raymond, G., Crech and Feagles.)
- Creed and Company Limited. (See Thompson, A. E. and Salmon, assignors.)
- Creek Chub Bait Company. (See Davenport, Sam R., assignor.)
- Creel, William H. (See Drennan, H. E., Hiatt, and Creel.)
- Creel, William H. (See Youker, M. P., and Creel.)
- Creely, Joseph W., Oaklyn, and J. A. Levering, Haddonfield, N. J., assignors to Evenson & Levering Co. Poultry feed comprising wool. 2,327,698; Aug. 24.
- Creighton, Thomas A., Long Beach, assignor of one-third to T. E. McMahon, Taft, and one-third to M. H. Wright, Los Angeles, Calif. Valve device. 2,309,304; Jan. 26.
- Cremers, George D., Pelham Manor, assignor to Hardy Metallurgical Company, New York, N. Y. Press. 2,336,982; Dec. 14.
- Cresper, Louis, Brooklyn, N. Y. Hat support for hat boxes. 2,323,011; June 29.
- Cresper, Louis, Philadelphia, Pa. Edging for hat supports. 2,304,369; July 13.
- Crescent Brass & Pin Company. (See Gray, Arthur J., assignor.)
- Cressman, Homer W. J. (See Brooker, L. G. S., and Cressman.)
- Cresswell, Charles T., Montreal, Quebec, and T. W. Harrison, Toronto, Ontario, Canada. Double glazed window and fastening means therefor. 2,320,069; May 25.
- Cretors, Charles J. (See Murphy, James, assignor.)
- Creutz, Edwin H. (See Kruen, Charles H., assignor.)
- Crevelling, John L., near Tucson, Ariz. Electric regulation. 2,307,025; Jan. 5.
- Creyer, Frederick E. (See Shoults, D. R., and Creyer.)
- Crew, David, assignor to Reid & Sigrist Limited, New York, N. Y. and Cleveland, Kyosonic direction indicator and like instrument. 2,327,623; Aug. 24.
- Crew, Morris W., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Barometric regulator. 2,330,956; Oct. 5.
- Crew, Morris W., and J. W. Meyer, Shaker Heights, assignors to The Hotstream Heater Company, Cleveland, Ohio. Barometric regulator. 2,310,678; Feb. 9.
- Cribben and Sexton Company. (See Wilkinson, C. D., and Shepell, assignor.)
- Crichton, Leslie N. (See Becker, M. C., and Crichton.)
- Crichton, Leslie N. (See Carlin, H. J., and Crichton.)
- Crichton, Ruth M., administratrix. (See Carlin, H. J., and Crichton.)
- Crickmer, Charles S., Dallas, Tex. Swivel socket. 2,318,839; May 11.
- Crickmer, Charles S., Dallas, Tex. Sucker rod stripper. 2,328,127; Aug. 31.
- Cridder, John N., Sunnyside, Long Island, N. Y. Apparatus for preserving dressed and drawn fowl. 2,309,046; Jan. 19.
- Cridge, Edmund L., Passaic, N. J. Window frame and outer sash. 2,314,179; May 11.
- Crighton, William T., assignor to Producers Creamery Company, Springfield, Mo. Treating milk. 2,334,317; Nov. 16.
- Criley, William W., Shaker Heights, assignor to The Ajax Manufacturing Company, Cleveland, Ohio. Clutch. 2,324,613; July 20.
- Crimmell, Henry H., Hartford City, Ind. Composite agitator and drive with molded compression strain, driven element. 2,318,759; May 11.
- Crimmins, Frances E., Binghamton, N. Y. Hair and scalp treating device. 2,336,717; Dec. 14.
- Crimmins, William C., Marion, Ind., assignor to Sears, Roebuck and Co., Chicago, Ill. Electric torch. 2,323,312; July 6.
- Criser, Harry J., assignor of one-half to A. G. Rush, Davenport, Iowa. Machine for cutting bread. 2,327,018; Aug. 17.
- Cripe, Maxwell L., South Bend, Ind. Milling attachment for lathes. 2,324,561; July 20.
- Criqui, Albert A., Kenmore, assignor to Buffalo Forge Company, Buffalo, N. Y. Fan. 2,311,896; Feb. 23.
- Crisis Electric Manufacturing Company. (See Shaw, Burton E., assignor.)
- Crise, George W., Columbus, Ohio. Electric bed warmer. 2,313,864; Mar. 16.
- Crise, George W., Mount Vernon, Ohio. Rotary heat motor. 2,327,084; Dec. 21.
- Crisis, Loren E., and J. C. Owens, Los Angeles, Calif. Siphon ball cock and silencer. 2,329,337; Sept. 14.
- Crist, Philip W. (See Devoil, M. L., Crist, and Hazen.)
- Crist, Philip W., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Contour exploring instrument. 2,335,390; Nov. 30.
- Crista, Joe A., Needles, Calif. Tank car. 2,321,893; June 15.
- Cristadoro, Charles C., Venice, Calif. Low draft transport vessel. 2,322,790; June 29.
- Crites, Wilbur J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Deep well pump. 2,309,383; Jan. 26.

- Crites, Wilbur J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Deep well pump. 2,309,827; Feb. 2.
- Crites, Wilbur J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Coring apparatus. 2,313,806; Mar. 16.
- Crites, Wilbur J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Borehole thermometer. 2,315,840; Apr. 6.
- Crites, Wilbur J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Well pump. 2,315,841; Apr. 6.
- Crites, Wilbur J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for pumping fluids. 2,330,336; Sept. 28.
- Crittenden, Philip L., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Clutch control mechanism. 2,314,444; Mar. 23.
- Crittenden, Philip L., Edgewood, and C. M. Hines, Pittsburgh, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Drive mechanism. 2,317,135; Apr. 20.
- Crocker, Clarence P., Arcata, Calif. Cream dipper. 2,320,570; June 1.
- Crocker, Ernest C., Belmont, Mass., assignor, by mesne assignments, to The Lane Company, Inc. Cedar chest. 2,327,871; Aug. 24.
- Crocker, John C., Ware Shoals, assignor of one-half to W. D. Dodenhoff, Greenville, S. C. Picker stick check for looms. 2,322,685; June 22.
- Crocker, Oliver E. (See Ford, David O., assignor.)
- Crocker, Thomas F., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,311,214; Feb. 16.
- Crocker, Thomas F., and H. H. Smith, Chicago, Ill., assignors to Automatic Electric Laboratories, Inc. Telephone system. 2,333,472; Nov. 2.
- Crocker-Wheeler Electric Manufacturing Company. (See Spencer, Millard C., assignor.)
- Crocker, William D., Suffield, Conn., assignor to American Bosch Corporation, Springfield, Mass. Magneto. 2,308,973; Jan. 19.
- Crockett, William P. (See Conway, J. V., and Crockett.)
- Croft, Cyril M. (See Schneider, G., Bludworth, and Croft.)
- Croft, Cyril M., Cumberland, Md., assignor to Celanese Corporation of America. Fabric treatment. 2,315,600; Apr. 6.
- Croft, Cyril M., and A. W. Bergeron, Cumberland, and F. G. Dodge, La Vale, Md., assignors to Celanese Corporation of America. Winding apparatus. 2,307,880; Jan. 12.
- Croft, George M., assignor to Blaw-Knox Company, Pittsburgh, Pa. Device responsive to changes in density of liquids. 2,320,720; June 1.
- Croft, Kenneth C., Dayton, Ohio. Fishing float. 2,315,018; Mar. 30.
- Croll, Alvin F., Toledo, Ohio, assignor to E. W. Bilss Company, Brooklyn, N. Y. Measuring device. 2,307,777; Jan. 12.
- Croolie, John W., Dagenham, England, assignor to Ilse Zint, New York, N. Y. Grease gun. 2,317,887; Apr. 27.
- Crom, John M., Jackson Heights, N. Y. Concrete construction. 2,315,894; Apr. 6.
- Crom, John M., Jackson Heights, N. Y. Concrete construction. 2,315,895; Apr. 6.
- Crom, John M., Jackson Heights, N. Y. Method of and apparatus for trimming excavations. 2,318,294; May 4.
- Crom, John M., Jackson Heights, N. Y. Leakproof construction of tanks and the like. 2,326,010; Aug. 3.
- Crom, John M., Washington, D. C. Method of and apparatus for banding tanks. 2,321,465; June 8.
- Crom, John M., Washington, D. C. Method of and apparatus for constructing tanks and the like. 2,331,657; Oct. 12.
- Cromogen, Incorporated. (See Gáspár, Béla, assignor.)
- Crompton, George, Jr., assignor to Norton Company, Worcester, Mass. Honing machine. 2,318,830; May 11.
- Crompton, George, Jr., assignor to Norton Company, Worcester, Mass. Making diamond disks. 2,332,505; Oct. 26.
- Crompton & Knowles Loom Works. (See Brouwer, Benjamin W., assignor.)
- Crompton & Knowles Loom Works. (See Brouwer, B. W., and Patterson, assignors.)
- Crompton & Knowles Loom Works. (See Cederlund, Albert, assignor.)
- Crompton & Knowles Loom Works. (See Dacey, Edward J., assignor.)
- Crompton & Knowles Loom Works. (See Holmes, Elbridge R., assignor.)
- Crompton & Knowles Loom Works. (See Irons, George A., assignor.)
- Crompton & Knowles Loom Works. (See Jennings, Victor E., assignor.)
- Crompton & Knowles Loom Works. (See Joslin, Asber L., assignor.)
- Crompton & Knowles Loom Works. (See Kronoff, C. R., and Palmer, assignors.)
- Crompton & Knowles Loom Works. See Magee, Frederick M., assignor.)
- Crompton & Knowles Loom Works. (See Miller, Joseph, assignor.)
- Crompton & Knowles Loom Works. (See Payne, Oscar V., assignor.)
- Crompton & Knowles Loom Works. (See Robb, Walter Y., assignor.)
- Crompton & Knowles Loom Works. (See Santon, Elliot A., assignor.)
- Crompton & Knowles Loom Works. (See Turner, Richard G., assignor.)
- Crompton & Knowles Loom Works. (See Wakefield, Walter H., assignor.)
- Croninger, George J. (See Miller, W. J., Reese, and Croninger.)
- Cronk, Adelbert D. (See Hart, D. S., and Cronk.)
- Cronstedt, Val, assignor to United Aircraft Corporation, East Hartford, Conn. Combined wire support and corrosion inhibitor. 2,315,049; Mar. 30.
- Crook, Howard E., Sr. (See Gallo, Michael, assignor.)
- Crook Paper Box Company. (See Marshall, Richard C., Jr., assignor.)
- Crook, William M., assignor to Reed Roller Bit Company, Houston, Tex. Protecting bearings of roller bits. 2,329,745; Sept. 21.
- Crooks, Charles E., assignor to Spotnails, Inc., Chicago, Ill. Finishing rail. 2,314,431; Mar. 23.
- Crooks, Kenneth E., Williamsport, Pa. Preformed floor unit. 2,316,671; Apr. 13.
- Crooks, Ralph K., Sharpsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,326,622; Aug. 10.
- Cropper, Walter, Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,320,349; June 1.
- Crosby, Edwin W., Swarthmore, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,326,623; Aug. 10.
- Crosby, Howard M., Schenectady, N. Y., assignor to General Electric Company. Frequency modulation measurement. Re. 22,328; June 1.
- Crosby, Melvin A. (See Bench, D. E., and Crosby.)
- Crosby, Melvin A. (See Bench, D. E., Crosby, and Toulin.)
- Crosby, Melvin A., Dayton, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Plastic injection machine. 2,318,203; May 4.
- Crosby, Melvin A., assignor to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Remote indicator for dispensing pumps. 2,319,444; May 18.
- Crosby, Melvin A., Dayton, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Die casting-plastic injection molding. 2,337,550; Dec. 28.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency control. 2,312,079; Feb. 23.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Inverse feedback circuits. 2,312,080; Feb. 23.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulation system. 2,315,050; Mar. 30.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,316,155; Apr. 13.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Wave length modulation. 2,324,282; July 13.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Automatic tone control circuit. 2,332,782; Oct. 26.
- Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency, or phase, deviation changer circuit. 2,336,926; Dec. 14.
- Crosby, Stephen A., Jackson Heights, assignor to Speed Products Company, New York, N. Y. Tacker. 2,309,628; Feb. 2.
- Crosby, Stephen A., Jackson Heights, assignor to Speed Products Company, New York, N. Y. Stapling machine. 2,311,643; Feb. 23.
- Crosley Corporation, The. (See Klotsch, Paul, assignor.)
- Crosley Corporation, The. (See Mittendorf, William E., assignor.)
- Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Listing machine. 2,307,669; Jan. 5.
- Crosman, Loring P., Maplewood, assignor to Monroe Calculating Machine Company, Orange, N. J. Listing adding machine. 2,321,013; June 8.
- Crosman, Loring P., Maplewood, assignor to Monroe Calculating Machine Company, Orange, N. J. Listing machine. 2,321,014; June 8.
- Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Listing calculator. 2,323,205; June 29.
- Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Register. 2,330,689; Sept. 28.
- Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Register. 2,330,270; Sept. 28.
- Cross, Anson K., Boothbay Harbor, Maine. Vision training drawing tablet. 2,313,518; Mar. 9.
- Cross, Cedric B. (See Carrigus, C. G., and Cross.)

- Cross, Cedric R., assignor to Production Devices Incorporated, Poulton, Va. Vice, 2,335,743; Nov. 30.
- Cross, Col. H. B. E. D., Stroud, Okla., Illuminating device, 2,334,480; Nov. 16.
- Cross, David, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del., Device for shaping sheet metal, 2,327,177; Aug. 17.
- Cross, David, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del., Testing press, 2,329,035; Sept. 7.
- Cross, Grosvenor M., New York, N. Y., Vehicle suspension mechanism, 2,323,201; June 29.
- Cross, James J., Elizabeth, N. J., Code signal display apparatus, 2,336,927; Dec. 14.
- Cross, Mark, Company, (See Smith, Elizabeth G., assignor.)
- Cross, Roy, assignor to Kansas City Testing Laboratory, Kansas City, Mo., Mining and recovery of potash compounds, 2,331,890; Oct. 19.
- Cross, Thomas, Jr., (See Smyers, W. H., and Cross, Jr.)
- Crosso & Blackwell Limited, (See Clayton, W., Johnson, and Dean, assignors.)
- Crossfield Products Corp., (See Patch, Harold K., assignor.)
- Crossley, Moses L., (See Hultquist, M. E., and Crossley.)
- Crossley, Royal E., Fayetteville, assignor to Crouse-Hinds Company, Syracuse, N. Y., Lighting unit, 2,310,618; Feb. 9.
- Crosson, Leo H., (See Oliver, T. C., Long, and Crosson.)
- Croteau, Clarence A., (See Marquardt, R. E., Anspach and Croteau.)
- Crouch, John, Natoma, Calif., Replaceable lip dredge bucket, 2,336,409; Sept. 28.
- Crouch, Wentworth W., assignor to Eastman Kodak Company, Rochester, N. Y., Two compartment container, 2,315,938; Apr. 6.
- Crouch, Wentworth W., and A. W. M. Dickens, assignors to Eastman Kodak Company, Rochester, N. Y., Two-compartment container, 2,321,998; June 15.
- Crouse-Hinds Company, (See Blood, Robert A., assignor.)
- Crouse-Hinds Company, (See Bush, Harold L., assignor.)
- Crouse-Hinds Company, (See Crossley, Royal E., assignor.)
- Crouse-Hinds Company, (See Olley, R. H., and Lester, assignors.)
- Crouse, Oliver P., Mansfield, Ohio, Control device, 2,319,041; May 11.
- Crow, Carl C., and J. D. Day, Chattanooga, Tenn., Hose reel, 2,334,993; Nov. 23.
- Crow, Luther H., (See Lehl, D. W., and Crow.)
- Crow, Russell E., Prole, Iowa, Attachment for grain harvesters, 2,333,153; Nov. 2.
- Crowder, Alfred G., assignor to E. D. Worrell, Seattle, Wash., Time-controlled circuit selector, 2,326,930; Aug. 17.
- Crowder, Wiley K., Detroit, Mich., Aircraft, 2,328,786; Sept. 7.
- Crowe Name Plate & Manufacturing Co., (See Benton, H. Z., and Morris, assignors.)
- Crowe, Orley J., (See Hall, William J., assignor.)
- Crowe, Orley J., Detroit, Mich., Bend molding, 2,319,445; May 18.
- Crowe, Orley J., and W. J. Hall, Detroit, Mich., Drip molding, 2,319,723; May 18.
- Crowe, Thomas B., (See Mills, L. D., Crowe, and Byler.)
- Crowell-Collier Publishing Company, The, (See Lundbye, Axel E., assignor.)
- Crowell, John E., Charlotte, N. C., Training device for aviators, 2,319,115; May 11.
- Crowell, Joyce H., Orchard Park, N. Y., assignor to Allied Chemical & Dye Corporation, Maleic anhydride purification, 2,308,588; Jan. 19.
- Crowell, Orby E., assignor to Viceroy Manufacturing Company Limited, Toronto, Ontario, Canada, Squawker for toys, 2,317,255; Apr. 20.
- Crowell, Thomas W., Matthews, N. C., Liquid fuel or lubricant supply tank, 2,320,913; June 1.
- Crowell, Walter S., Melrose Park, and G. W. Birch, Apr. 6.
- Upper Darby, assignors to The S. S. White Dental Manufacturing Company, Philadelphia, Pa., Molding composite resins, 2,315,593; Apr. 6.
- Crowley, Clyde A., and J. B. Mullen, assignors to The Huey Co., Chicago, Ill., Developer for diazo prints, 2,308,058; Jan. 12.
- Crowley, Clyde A., and J. B. Mullen, assignor to The Huey Co., Chicago, Ill., Sensitizer containing a gel-forming colloidal clay, 2,317,521; Apr. 27.
- Crowley, Clyde A., Chicago, and G. H. Goodyear, Wilmette, assignor to The Huey Co., Chicago, Ill., Control of induction period in blueprint paper, 2,323,798; July 6.
- Crowley, Clyde A., Chicago, and G. H. Goodyear, Wilmette, assignors to The Huey Co., Chicago, Ill., Control of induction period in blueprint paper, 2,323,799; July 6.
- Crowley, Cornelius J., assignor to The Seamless Rubber Company, New Haven, Conn., Adhesive bandage, 2,321,363; June 8.
- Crowley, Edward C., Rhinebeck, N. Y., Electric heater, 2,311,371; Feb. 16.
- Crowley, John A., Jr., (See Simpson, T. P., Payne, and Crowley.)
- Crowley, John A., Jr., (See Simpson, T. P., Payne, and Crowley.)
- Crowley, John A., Jr., (See Simpson, T. P., Payne, and Crowley, Jr.)
- Crowley, John A., Jr., (See Simpson, T. P., Payne, and Crowley, and Teltsworth.)
- Crowley, John A., Jr., (See Simpson, T. P., Payne, Crowley, and Teltsworth.)
- Crowley, John A., Jr., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y., Clay activation, 2,319,185; May 11.
- Crowley, John C., Cleveland Heights, assignor to The Weber Dental Manufacturing Company, Canton, Ohio, Filing for stratosphere suits, 2,307,393; Jan. 5.
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio, Air bag stem, 2,318,376; May 4.
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio, Stem connection for curing molds, 2,318,377; May 4.
- Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio, Stem connection for curing molds, 2,318,378; May 4.
- Crowley, John C., Cleveland Heights, Ohio, Laminated glass and making same, 2,319,534; May 18.
- Crowley, John F., assignor, by mesne assignments, to Public Radio and Television Corporation, Philadelphia, Pa., Volume control circuits, 2,319,663; May 18.
- Crown Can Company, (See Ayers, S. H., and Loetscher, assignors.)
- Crown Can Company, (See Benedict, Edward L., assignor.)
- Crown Can Company, (See Mills, John, assignor.)
- Crown Cork & Seal Company, (See Calleson, Amos, and E. A., assignors.)
- Crown Cork & Seal Company, (See Gavin, Frank J., assignor.)
- Crown Cork & Seal Company, (See Gladfelter, W. I., and Hauger, assignors.)
- Crown Cork & Seal Company, (See Gladfelter, W. I., and Moore, assignors.)
- Crown Cork & Seal Company, (See Gladfelter, W. I., and Prochazka, assignors.)
- Crown Cork & Seal Company, (See Goebel, G., and Rau, assignors.)
- Crown Cork & Seal Company, (See Goebel, G., and Wilkens, assignors.)
- Crown Cork & Seal Company, (See Huntley, G. J., and Bolker, assignors.)
- Crown Cork & Seal Company, (See McManus, Charles E., assignor.)
- Crown Cork & Seal Company, (See McManus, C. E., and Calleson, A. and E. A.)
- Crown Cork & Seal Company, Inc., (See Stewart, Robert J., assignor.)
- Crown Cork & Seal Company, (See Stewart, R. J., and Franz.)
- Crown Fastener Corporation, (See Kellum, Paul S., assignor.)
- Crown Fastener Corporation, (See Lohse, Frederick E., assignor.)
- Crown Fastener Corporation, (See Taylor, William H., assignor.)
- Crown Fastener Corporation, (See Thomas, F. W., and Macnehan, assignors.)
- Crown Zellerbach Corporation, (See Schmidt, Gerald W., assignor.)
- Crown Zellerbach Corporation, (See Shively, James L., assignor.)
- Crowther, Edmond C., Philadelphia, Pa., Locking nut structure, 2,321,466; June 8.
- Crozier, Scott J., Cleveland Heights, Ohio, Sawhorse, 2,324,196; July 13.
- Crucible Steel Company of America, (See Goodford, John A., assignor.)
- Cruckshank, George A., Riverside, R. I., assignor to Johnson & Johnson, New Brunswick, N. J., Method of treating cotton wadding and product thereof, 2,327,250; Aug. 17.
- Crum, Roland R., Whittier, Calif., Rotary drilling bit, 2,325,745; Aug. 3.
- Crum, Stephen, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., Differential adjustment, 2,309,169; Jan. 26.
- Crum, Stephen, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn., Combination switch, 2,324,136; July 13.
- Crumb, Charles F., Sr., (See Johnson, A. E. W., and Crumb, Sr.)
- Crumb, Charles F., Chicago, Ill., R. R. Raney, and L. E. Smith, Auburn, N. Y., assignors to International Harvester Company, Pickup baler, 2,337,739; Dec. 28.
- Crump, James S., Houston, Tex., assignor to Standard Oil Development Company, Borehole sampler, 2,308,156; Jan. 12.
- Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y., Photographic camera and focusing mechanism therefor, 2,331,658; Oct. 12.
- Crupi, Antonio, Brooklyn, N. Y., Swimmer's appliance, 2,320,222; May 25.
- Cruise, Joseph E., Greeley, Nebr., Hydraulic disk frame, 2,336,848; Dec. 14.
- Crystal Plastic Corporation, (See Dann, H. C., assignor.)

- Crzeltizer, Robert, Vilvorde, Belgium; vested in the Allen Property Custodian. Self-centering chuck. 2,309,754; Feb. 2.
- Csanyi, Henry, Jamaica, assignor of one-half to H. F. Wavvig, New York, N. Y. Electroplating apparatus. 2,326,624; Aug. 10.
- Csaszar, Steve. (See Townhill, A., and Csaszar.)
- Cube Steak Machine Company. (See Spang, Joseph P., assignor.)
- Culbert, Joseph R., assignor to Aurex Corporation, Chicago, Ill. "A" and "B" battery unit. 2,308,270; Jan. 12.
- Cudahy Packing Company, The. (See Parsons, Llewellyn B., assignor.)
- Cudin, Roger G., Southfield, Township, Oakland County, assignor to R. D. B. Moynahan, doing business as the Moynahan Bronze Co., Detroit, Mich. Work supporting fixture and method. 2,320,314; June 1.
- Culbertson, William J., Brocton, Ill. Motion conversion mechanism. 2,308,492; Jan. 19.
- Culbertson, William J., Brocton, Ill. Motion conversion mechanism. 2,309,047; Jan. 19.
- Culbertson, William J., Brocton, Ill. Motion conversion mechanism. 2,312,318; Mar. 2.
- Cullen, Arthur H., Clayton, assignor to R. C. Can Company, St. Louis, Mo. Cylindrical powder container. 2,326,839; Aug. 17.
- Cullen, Francis H., Philadelphia, Pa. Smoke purifier. 2,307,573; Jan. 5.
- Cullen-Friedsted Company. (See Mueller, George G., assignor.)
- Cullerton, Orville F., assignor to The W. J. Jamison Company, Chicago, Ill. Swivel assembly for fish lures. 2,307,200; Jan. 5.
- Cullmann, Charles R., et al. (See Moyle, Randall, assignor.)
- Culpepper, Abner A., Western Springs, Ill. Automatic speed indicator. 2,332,699; Oct. 26.
- Culver, M. Kenneth, and T. M. McGregor, Houston, Tex. Parachute toy. 2,312,629; Mar. 2.
- Cumbebrand Case Company. (See Swingle, D. R., and Robinson, assignors.)
- Cumfer, Harry A. (See Fischer, A. C., and Cumfer.)
- Cuming, M. A., & Company. (See Dow, Frank F., assignor.)
- Cummings, Earl M., Rockford, Ill. Bathroom scale. 2,321,585; June 15.
- Cummings, Gerald W., Dallas, Tex. Sash operating mechanism. 2,320,413; June 1.
- Cummings, Roy W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Rounding workpieces. 2,324,562; July 20.
- Cummings, Roy W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for shaping uppers over lasts. 2,337,085; Dec. 21.
- Cummings, Stanley R., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. Re. 22,370; Sept. 7.
- Cummins, Corliss F., and J. L. Sherk, assignors to The Dow Chemical Company, Midland, Mich. Composition and blank for recording sound. 2,308,676; Jan. 19.
- Cummins, Norman W., Louisville, Ky., assignor to R. J. Reynolds Tobacco Company, Winston-Salem, N. C. Circuit to roller. 2,312,237; Feb. 23.
- Cumco Press, Inc., The. (See Sheerin, Thaddeus C., assignor.)
- Cunning, Thomas G., Upland, Calif. Fruit drying machine. 2,315,246; Mar. 30.
- Cunningham, David H., Haddonfield, N. J., assignor to Radio Corporation of America. Dynamic loud-speaker. 2,312,238; Feb. 23.
- Cunningham, George L., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Making chlorine dioxide and for separating the same from chlorine. 2,317,443; Apr. 27.
- Cunningham, James, New York, assignor of twenty per cent to M. Dichiaro, Brooklyn, N. Y. Color separation in lithography. 2,320,914; June 1.
- Cunningham, James M. (See Brand, S., and Cunningham.)
- Cunningham, James M., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Clutch mechanism. 2,307,112; Jan. 5.
- Cunningham, M. E., Company. (See Speicher, F. S., and Hauer, assignors.)
- Cunningham, Marion M., South Bend, assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Mattress covering. 2,326,441; Aug. 10.
- Cunningham, Marion M., South Bend, assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Stretching machine. 2,314,318; Mar. 16.
- Cunningham, Marion M., South Bend, Ind., and E. T. Wise, Plymouth, Mich., assignors to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Cushion structure. 2,314,608; Mar. 23.
- Cunningham, Orin D. (See Cislak, F. E., and Cunningham.)
- Cunningham, Pete W., Los Angeles, Calif. Dispensing device. 2,333,706; Nov. 9.
- Cunningham, Roy H., Fairfield, Conn., assignor, by mesne assignments, to The Bryant Electric Company. Reflector basin for luminaires. 2,307,574; Jan. 5.
- Cunningham, Samuel C., Philadelphia, Pa. Food container. 2,324,137; July 13.
- Cunningham, Vincent W., deceased, late of Chicago, Ill., by T. H. Corbett, Chicago, Ill., administrator. Apparatus for washing glasses and the like. 2,312,319; Mar. 2.
- Cunningham, Walter, assignor to B. W. Gossett, Gastonia, N. C. Cushion-type spring weight control. 2,307,670; Jan. 5.
- Cunnington, George R., Grosse Pointe Park, assignor to National Automotive Fibres, Inc., Detroit, Mich. Seat construction. 2,307,201; Jan. 5.
- Cunnington, George R., Grosse Pointe Park, assignor to National Automotive Fibres, Inc., Detroit, Mich. Making decorative fabrics. 2,322,226; June 22.
- Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrodeposition. 2,318,592; May 11.
- Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alpha, beta-unsaturated ketones as drying accelerators for oil modified coatings. 2,330,337; Sept. 28.
- Curlee, William T. (See Hartley, Clarence E., assignor.)
- Curley, Morton B., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Ventilator. 2,307,490; Jan. 5.
- Curley, Morton B., and J. Kilbourne, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Ventilator. 2,323,456; July 13.
- Curran, Edward J., Colorado City, Tex. Glove. 2,325,482; July 27.
- Curran, Morven, Kansas City, Mo. Photographic apparatus. 2,314,033; Mar. 16.
- Currie, Gilbert, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburg, Pa. Switch mechanism. 2,326,911; Aug. 3.
- Currier, Philip M., Ballston Spa, N. Y., assignor to General Electric Company. Electrical regulating apparatus. 2,310,066; Feb. 2.
- Curriston, Loren E., Marne, Mich. Emergency exit cap. 2,331,309; Oct. 12.
- Curry, Gladys P., Boston, Mass. Fingerprinting. 2,313,807; Mar. 16.
- Curry, Paul, Kalamazoo, Mich. Color correcting method and device. 2,309,048; Jan. 19.
- Curry, Walter A., Oakland, Calif. Hack saw. 2,320,511; June 1.
- Curry, William E. (See Brady, James H., assignor.)
- Curtenius, Frederick B., Kalamazoo, Mich. Retractable clothesline support. 2,312,303; Mar. 2.
- Curtin, Leo P., Cranbury, N. J., assignor, by mesne assignments, to Parker Rust-Proof Company, Detroit, Mich. Coating metals by the aid of acid sulphates. 2,313,925; Mar. 16.
- Curtis, Arlie W., Erie, Pa. Separating and grading machine. 2,322,506; Oct. 26.
- Curtis, Austen M., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Contact protection device. 2,313,809; Mar. 16.
- Curtis, Cecil R., Los Angeles, Calif. Dust mop cleaner. 2,331,457; Oct. 12.
- Curtis Companies Incorporated. (See Baker, Merle W., assignor.)
- Curtis Companies Incorporated. (See Bell, Forrest F., assignor.)
- Curtis, Edwin S., Houston, Tex. Bottle rack. 2,325,231; July 27.
- Curtis, Frank W., assignor to Van Norman Machine Tool Company, Springfield, Mass. Hydraulic machine tool. 2,308,647; Jan. 19.
- Curtis, Frank W., assignor to Van Norman Machine Tool Company, Springfield, Mass. Dividing head. 2,309,241; Jan. 26.
- Curtis, Frank W., assignor to Van Norman Machine Tool Company, Springfield, Mass. Metal cutting tool with inserted teeth. 2,325,746; Aug. 3.
- Curtis, Frank W., assignor to Van Norman Machine Tool Company, Springfield, Mass. Milling machine. 2,327,404; Aug. 24.
- Curtis, Frank W., assignor to Van Norman Machine Tool Company, Springfield, Mass. Hydraulic vise. 2,328,061; Aug. 31.
- Curtis, Franklin E., Euclid, Ohio, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing machine. 2,335,844; Nov. 9.
- Curtis, George W., Milwaukee, Wis., assignor to The Timken Roller Bearing Company, Canton, Ohio. Change speed transmission gearing. 2,316,503; Apr. 13.
- Curtis, James H. (See Mekler, V., and Curtis.)
- Curtis, John C., and E. G. Gartin, Claremont, N. H., assignors to Sullivan Machinery Company. Rock drill. 2,316,672; Apr. 13.
- Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Support. 2,318,593; May 11.
- Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,318,594; May 11.
- Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Drill mounting. 2,318,595; May 11.
- Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Motor. 2,320,571; June 1.

- Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,337,031; Dec. 21.
- Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Chuck mechanism. 2,337,312; Dec. 21.
- Curtis, John C., and E. G. Martin, Claremont, N. H., assignors to Sullivan Machinery Company. Rock drill. 2,338,760; May 11.
- Curtis, Leslie F., Great Neck, N. Y., assignor to Hazeltine Corporation. Adjustable coupling system. 2,312,987; Mar. 2.
- Curtis, Leslie F., Great Neck, N. Y., assignor to Hazeltine Corporation. Frequency-responsive network. 2,316,317; Apr. 13.
- Curtis, Lorin W., Verona, assignor to Tung-Sol Lamp Works Inc., Newark, N. J. Miniature incandescent lamp. 2,315,504; Apr. 6.
- Curtis & Marble Machine Company. (See Remington, Leland E., assignor.)
- Curtis & Marble Machine Company. (See Smith, C. E., and Lockman, assignors.)
- Curtis, Myron S., Pawtucket, R. I., assignor, by mesne assignments to The Cleveland Trust Company, Cleveland, Ohio. Machine tool. 2,317,522; Apr. 27.
- Curtis, Myron S., assignor to Potter & Johnston Machine Company, Pawtucket, R. I. Machine tool. 2,334,544; Nov. 10.
- Curtis 1000 Incorporated. (See Whitman, Harlan M., assignor.)
- Curtis Pump Company. (See Curtis, Russell R., assignor.)
- Curtis Pump Company. (See Curtis, William H., assignor.)
- Curtis, Roger C., New Haven, Conn., assignor to Dictaphone Corporation, New York, N. Y. Shielded amplifier reversing switch. 2,318,761; May 11.
- Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Pump construction. 2,312,525; Mar. 2.
- Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Booster pump. 2,312,526; Mar. 2.
- Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Impeller and propeller construction for booster pumps. 2,328,328; Aug. 31.
- Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. High altitude fuel system for aircraft. 2,330,558; Sept. 28.
- Curtis, Russell R., assignor to Curtis Pump Company, Dayton, Ohio. Key and keyway construction. 2,335,744; Nov. 30.
- Curtis, William H., assignor to Curtis Pump Company, Dayton, Ohio. Device for fabricating pump impellers. 2,310,841; Feb. 9.
- Curtis, William H., Bedford Heights, Ohio. Machine for washing food products. 2,332,707; Nov. 9.
- Curtiss, Charles B., Bay City, Mich. Winch construction. 2,323,800; July 6.
- Curtiss, George E., Jr., and E. A. Pagella, assignors to The Stanley Works, New Britain, Conn. Refrigerator latch. 2,360,049; Jan. 19.
- Curtiss, George E., Jr., Abington, Pa., assignor to The Stanley Works, New Britain, Conn. Latch retracting mechanism. 2,314,609; Mar. 23.
- Curtiss-Wright Corporation. (See Arnold, F. O., and Dechard, assignors.)
- Curtiss-Wright Corporation. (See Berlin, Donovan R., assignor.)
- Curtiss-Wright Corporation. (See Berlin, D. R., and Trimbach, assignors.)
- Curtiss-Wright Corporation. (See Berlin, D. R., and Watson, assignors.)
- Curtiss-Wright Corporation. (See Clare, C. P., and Chilson, assignors.)
- Curtiss-Wright Corporation. (See Edward, Frederick B., assignor.)
- Curtiss-Wright Corporation. (See Hathorn, Charles E., assignor.)
- Curtiss-Wright Corporation. (See Jones, Dedger, assignor.)
- Curtiss-Wright Corporation. (See Kearney, N. L., and Richardson, assignors.)
- Curtiss-Wright Corporation. (See Morris, E. W., and Sheets, assignors.)
- Curtiss-Wright Corporation. (See Trimbach, Clem G., assignor.)
- Curtiss-Wright Corporation. See Wedberg, F. A., and Lakowitz, assignors.)
- Curtiss-Wright Corporation. (See Wright, Burdette S., assignor.)
- Cutter, Frank M., Farmington, Iowa. Child's trailer. 2,334,387; Nov. 16.
- Cursons, Charles E. (See Smallpeice, C. D. P., and Cursons.)
- Cusa, Noel W., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of tertiary bases. 2,321,467; June 8.
- Cusack, Charles E., and H. H. Berger, assignors to The McCass Company, Los Angeles, Calif. Apparatus for roasting coffee. 2,326,094; Aug. 3.
- Cusano, Paul, Union City, N. J. Game board. 2,312,882; Mar. 2.
- Cushman Chuck Company, The. (See Highberg, G. A., and Hickey, assignors.)
- Cushing, George, Newark, N. J., assignor of one-third to G. C. Johnson, Bronxville, and one-third to T. G. W. Nevich, Bayside, Long Island, N. Y. Piano lamp. 2,320,815; June 1.
- Cushing, George W., Newark, N. J., assignor to E. Stanley Wright, Worcester, Mass., sole proprietor, doing business as Wright & Company. Filing cabinet drawer. 2,335,391; Nov. 30.
- Cushman, Everett B., Roscoe, assignor to Sturgess Inc., Glendale, Calif. Cable tension regulator. 2,327,021; Aug. 17.
- Cushman, Lee H., Hamilton, and A. F. Pym, Swampscott, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Assembling machine. 2,333,708; Nov. 9.
- Cushman's Sons Inc. (See Lemrow, Mary F., assignor.)
- Cushman's Sons Inc. (See MacManus, John, assignor.)
- Cusie, John W., Chicago, and R. R. Burtner, Skokie, assignors to G. D. Searle & Co., Chicago, Ill. Antispasmodic agents. 2,316,051; Apr. 6.
- Cusin, Gaston V. G., Paris, France, assignor to Cartier, Inc., New York, N. Y. Timekeeper. 2,312,391; Mar. 2.
- Custenborder, John M., Peoria, Ill. Tractor mower assembly. 2,333,137; July 20.
- Custodis Construction Company. (See Sheridan, John L., assignor.)
- Cuthbert, Merton C., Jacksonville, Fla. Constant flow pump. 2,309,443; Jan. 26.
- Cuthbert, Robert Alexander, assignor to Broom and Wade Limited, High Wycombe, England. Fluid-operated press. 2,335,917; Dec. 7.
- Cuthrell, Antum E., Crowley, La., assignor to Standard Oil Development Company, Derrick supporting member. 2,308,157; Jan. 12.
- Cutler, Frank W., Winslow, Wash., assignor to Food Machinery Corporation, San Jose, Calif. Fruit handling equipment. 2,313,051; Mar. 9.
- Cutler-Hammer, Inc. (See Cox, Irvin W., assignor.)
- Cutler-Hammer, Inc. (See Evans, Clarence T., assignor.)
- Cutler-Hammer, Inc. (See Evans, C. T., Harwood, and McNicol.)
- Cutler-Hammer, Inc. (See Hodgson, Howard E., assignor.)
- Cutler-Hammer, Inc. (See Hodgson, H. E., and Kuhn, assignors.)
- Cutler-Hammer, Inc. (See Hodgson, H. E., Kuhn, and Stevens, assignors.)
- Cutler-Hammer, Inc. (See Hunter, Richard R., assignor.)
- Cutler-Hammer, Inc. (See Hunter, R. B., and Meikelburg, assignors.)
- Cutler-Hammer, Inc. (See Koch, H. J., and Kraus, assignors.)
- Cutler-Hammer, Inc. (See Krieger, Alvin W., assignor.)
- Cutler-Hammer, Inc. (See Kuhn, C. W., and Seeger, assignors.)
- Cutler-Hammer, Inc. (See Lightfoot, Edwin N., assignor.)
- Cutler-Hammer, Inc. (See Lightfoot, E. N., and Seeger, assignors.)
- Cutler-Hammer, Inc. (See Lillkauf, Arvid E., assignor.)
- Cutler-Hammer, Inc. (See Meier, George J., assignor.)
- Cutler-Hammer, Inc. (See Millemaster, R. A., and Writzmman, assignors.)
- Cutler-Hammer, Inc. (See Newman, John M., assignor.)
- Cutler-Hammer, Inc. (See Pell, Eric, assignor.)
- Cutler-Hammer, Inc. (See Perrine, R. O., and Stansbury, assignors.)
- Cutler-Hammer, Inc. (See Robbins, C. F., and Seeger, assignors.)
- Cutler-Hammer, Inc. (See Sedgwick, Harry A., assignor.)
- Cutler-Hammer, Inc. (See Seeger, E. W., and Stansbury, assignors.)
- Cutler-Hammer, Inc. (See Stansbury, Carroll, assignor.)
- Cutler, Nelson B., Cynwyd, Pa., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe. 2,311,738; Feb. 23.
- Cutler, Nelson B., Cynwyd, Pa., assignor to United Shoe Machine Corporation, Flemington, N. J. Welt shoe and welting therefor. 2,312,527; Mar. 2.
- Cutler, Thomas R., Idaho Falls, Idaho. Extracting sugar from sugar beets. 2,332,062; Oct. 19.
- Cutler, Wallace M., Gloucester, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening-supplying apparatus. 2,319,797; May 25.
- Cutler, Wallace M., Gloucester, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for treating hides and skins. 2,330,271; Sept. 28.
- Cutlip, Emmett C. (See Olds, Ernest A., assignor.)
- Cutter, Fred A. (See Butler, W. F., and Cutter.)
- Cutter Laboratories. (See Butler, W. F., and Cutter, assignors.)
- Cutter Laboratories. (See Cutter, Robert K., assignor.)
- Cutter, Robert K., assignor to Cutter Laboratories, Berkeley, Calif. Drip meter. 2,315,109; Mar. 30.
- Cutting, Herbert A., Detroit, Mich. Snow shield for automobile windows. 2,318,143; May 4.
- Cutting Room Appliances Corporation. (See Adams, Guy E., assignor.)
- Cuttler, E. David, Chicago, Ill. Wearing apparel. 2,313,519; Mar. 9.

- Cutone, Philip E., Hollidays Cove, W. Va. Measuring device. 2,331,659; Oct. 12.
- Cuvier, Pierre, Paris, France; vested in the Alien Property Custodian. Preparation of phenol-urea-formaldehyde resins. 2,315,087; Mar. 30.
- Cynamid Company, New York, N. Y. Illumination of theater seats. 2,308,423; Jan. 12.
- Cyphers, Elmer B. (See Carlson, E. W., and Cyphers.) Cypress Novelty Corporation. (See Krieg, Anthony W., assignor.)
- Cypher, Hugo F. (See Wheelock, J. H., and Cypher.)
- Cypher, Hugo F., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Operating circuit for electrical devices. 2,317,888; Apr. 27.
- Cyr, Bartholomew L., St. Johnsbury, Vt. Measuring device. 2,308,359; Jan. 12.
- Cyr, Benjamin. (See Shipley, S. C., Ingersoll, and Cyr.)
- Cyr, Benjamin. (See Shipley, S. C., and Cyr, and Denison.)
- Cyr, Benjamin, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Sensitive relay mechanism. 2,327,178; Aug. 17.
- Cyr, Howard M., Palmetton Pa., assignor to The New Jersey Zinc Company, New York, N. Y. Manufacture of zinc oxide. 2,331,599; Oct. 12.
- Cyr, Rene E., Lewiston, Maine. Baker's sheet. 2,330,410; Sept. 28.
- Cyrex, Felix G. (See Twynning, V. J., Cyrex, and Losey.)
- Czechowski, Robert, Grand Rapids, Mich. Signalling device. 2,325,666; Aug. 3.
- Czaja, Walter B., Chicago, Ill. Air circulator for stoves. 2,321,132; June 8.
- Czapek, Emil, New York, N. Y. Machine for producing cellulose sheets and the like. 2,313,125; Mar. 9.
- Czapek, Emil, New York, N. Y. Making cellulose sheets. 2,313,520; Mar. 9.
- Czapek, Emil, New York, N. Y. Manufacture of films, foils, bands, and the like from cellulose solutions. 2,318,552; May 4.
- Czapek, Emil, New York, N. Y. Sheet material and making the same. 2,329,983; Sept. 21.
- Czapp, Erich. (See Schenckel, F., and Czapp.)
- Czech, Henry L. (See Hayes, C. E., and Czech.)
- Czerniak, Nadie. (See Okoneski, Michael A., assignor.)
- D. F. H. Novelty Furniture Co. (See Worth, Joseph, assignor.)
- Dandler, Richard, East Paterson, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Locking mechanism for servomotors. 2,310,018; Feb. 2.
- Darch, Max, Flushing, N. Y. Moisture removing device for air compressor systems. 2,316,052; Apr. 6.
- Darcy, Edward J., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Nose board for axminster looms. 2,324,564; July 20.
- Dacrett, Alfred L., Los Angeles, Calif. Golf scoring device. 2,308,064; Jan. 12.
- Da Cunha, Joao A., Rio De Janeiro, Brazil. Apparatus for the manufacture of rubber overshoes. 2,331,963; Oct. 19.
- Dadant, Henry C., and R. A. Grout, Hamilton, Ill. Bee comb foundation. 2,313,735; Mar. 16.
- Dadant, Henry C., and R. A. Grout, Hamilton, Ill. Bee comb foundation. 2,325,043; July 27.
- Dadant, Henry C., and R. A. Grout, Hamilton, Ill. Bee comb foundation. 2,335,044; Nov. 23.
- Daddow, Wm Lath T. (See Lath T. G. C., and Daddow.)
- Daeson, John R., Oak Park, Ill. Zinc alloy. 2,317,179; Apr. 20.
- Dafforn, Kenneth B., Denver, Colo., assignor to Knapp-Monarch Company, St. Louis, Mo. Thermostat structure. 2,317,033; Apr. 20.
- Dager, Albert, assignor of one-half to E. Shaheen, Los Angeles, Calif. Collator. 2,308,804; Jan. 19.
- Dagotti, Byron G., San Diego, Calif. Machine for sharpening handaws. 2,333,298; Nov. 2.
- Dague, Max R., assignor to The Litesome Tire & Rubber Company, Akron, Ohio. Indicating depth gauge. 2,324,998; July 20.
- Dahl, Bjorne J., Chewelah, Wash. Window guard. 2,308,158; Jan. 12.
- Dahl, Edward, Ridgeland, Wis. Paint hanger. 2,308,805; Jan. 19.
- Dahl, Edward T., Abington, assignor to Mason-Nolan Regulator Co., Boston, Mass. Control valve. 2,335,112; Nov. 23.
- Dahl, George H. M., Washington, D. C. Toy electric car. 2,317,363; Apr. 27.
- Dahlberg, Paul O. R., Nockeby, assignor to Kooperativa Forbundet, Leningrad, U. S. S. R., Stockholm, Sweden. Coin changing vending machine. 2,309,693; Feb. 2.
- Dahlman, Carl A., Brooklyn, and R. B. Hearn, Holts, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,310,270; Feb. 9.
- Dahle, Joseph, Boston, assignor to Prophylactic Brush Company, Northampton, Mass. Making synthetic materials such as brushes. 2,327,872; Aug. 24.
- Dahlgren, Charles H., West New York, N. J., assignor to American Can Company, New York, N. Y. Container. 2,307,028; Jan. 5.
- Dahlman, Eben D., Grandy, Minn. Vine pulling machine. 2,314,773; Mar. 23.
- Dahlman, Verner. (See Hegan, C. P., Starks, and Dahlman.)
- Dahlman, Verner, assignor to American Air Filter Company, Inc., Louisville, Ky. Dry filter. 2,335,144; Nov. 23.
- Dahlman, Verner, and A. Nutting, assignors to American Air Filter Company, Inc., Louisville, Ky. Dust recorder. 2,312,295; Feb. 23.
- Dahlstedt, Adolf S. (See Alexandersson, H. V., and Dahlstedt.)
- Dahlstrom, Eric P., Niagara Falls, N. Y., and E. Horne, Niagara Falls, Ontario, Canada, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive article. 2,309,303; Jan. 26.
- Daiger, George P., Canton, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,307,113; Jan. 5.
- Daiger, George P., Canton, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,310,761; Feb. 9.
- Daiger, George P., Canton, assignor to The Hoover Company, North Canton, Ohio. Making motors. 2,322,924; June 29.
- Daignault, Armand, and A. Nolet, Fall River, Mass. Pipe stem. 2,317,180; Apr. 20.
- Dailey, Donald E. (See Van Doren, H., and Dailey.)
- Dailey, Gardiner A., San Francisco, Calif. Demountable roof. 2,325,747; Aug. 3.
- Dailey, Hampton J., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electron discharge device. 2,310,147; Feb. 2.
- Dailey, Hampton J., Bloomfield, N. J., assignor to Westinghouse Electric Manufacturing Company, East Pittsburgh, Pa. Automatic bias circuits. 2,318,061; May 4.
- Dailey, Hampton J., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electron discharge device. 2,324,367; July 13.
- Dailey, Hampton J., Bloomfield, and W. J. Knoebel, Irvington, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Supporting pin. 2,325,748; Aug. 3.
- Dailey, Hampton J., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electron discharge device. 2,330,032; Sept. 21.
- Dailey Lester W., Fort Wayne, Ind., assignor to Herbert C. Jussen, Mariemont, Ohio. Joint device for paving construction. 2,308,677; Jan. 19.
- Dailey, Owen L., Rockford, Ill. Top. 2,332,507; Oct. 26.
- Dailey, William E., Chicago, Ill. Spring wheel. 2,317,136; Apr. 20.
- Daily, James M., assignor to American Ozone Company, Chicago, Ill. Apparatus for and method of treating and removing suspended particles in liquids. 2,320,512; June 1.
- Daily, Robert A. (See Pritchard, W. C., and Daily.)
- Daily, William J., Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Spring motor. 2,327,509; Aug. 24.
- Dain Manufacturing Company of Iowa. (See Hill, George B., assignor.)
- Dain Manufacturing Company. (See Jones, Frank D., assignor.)
- Dain Manufacturing Company of Iowa. (See Moschel, H., Jones, Mappin, and McClellan, assignors.)
- Dalbly, Walter E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Die set. 2,309,828; Feb. 2.
- Dale, James F., assignor of one-half to R. E. Riegel, Richmond, Ind. Brace for the rails of railroad tracks. 2,317,735; Apr. 27.
- Dale, Oswald, Nutley, assignor to Irvington Varnish & Insulator Co., Irvington, N. J. Producing cable markers. 2,313,465; Mar. 9.
- D'Alenio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Interpolymerization product of a polycyrtol ester and an unsaturated alkyl resin. 2,308,494; Jan. 19.
- D'Alenio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Interpolymerization product of an unsaturated alkyl resin and a monovalent ester of a nonvinyllic monoesterifiable acid. 2,308,495; Jan. 19.
- D'Alenio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Interpolymers of diallyl itaconate and ethyl methacrylate. 2,310,731; Feb. 9.
- D'Alenio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction products of aldehydes and triazine derivatives. 2,312,688; Mar. 2.
- D'Alenio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction product of aldehydes and triazine derivatives. 2,312,690; Mar. 2.
- D'Alenio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Diazine derivatives. 2,312,691; Mar. 2.
- D'Alenio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Triazine derivatives. 2,312,692; Mar. 2.
- D'Alenio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction product of aldehydes and diazine derivatives. 2,312,693; Mar. 2.
- D'Alenio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Triazine derivatives. 2,312,694; Mar. 2.

- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Diazine derivatives. 2,312,695; Mar. 2.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction product of aldehydes and triazine derivatives. 2,312,696; Mar. 2.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction product of aldehydes and sulphonylarylamino triazines. 2,312,697; Mar. 2.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Sulphonylarylamino triazines. 2,312,698; Mar. 2.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Diazine derivatives. 2,312,700; Mar. 2.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Triazine derivatives. 2,312,701; Mar. 2.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction product of aldehydes and triazine derivatives. 2,312,702; Mar. 2.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction product of aldehydes and diazine derivatives. 2,312,703; Mar. 2.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction product of aldehydes and triazine derivatives. 2,312,704; Mar. 2.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction product of aldehydes and diazine derivatives. 2,312,705; Mar. 2.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Resinous composition. 2,315,400; Mar. 30.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Thermosetting aminotriazine-formaldehyde condensation products. 2,315,401; Mar. 30.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Urea-triazine product and urea-formaldehyde condensation products. 2,315,402; Mar. 30.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Triazine derivatives. 2,315,939; Apr. 6.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Diazine derivatives. 2,315,940; Apr. 6.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Urea-formaldehyde-ethanolamine hydrochloride condensation product. 2,317,181; Apr. 20.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Interpolymers of an unsaturated alkyl resin and a poly-(halogenoallyl) ester. 2,319,798; May 25.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Interpolymers of an unsaturated alkyl resin and a poly-(1-halogeno-allyl) ester. 2,319,799; May 25.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Aminoplast containing a halogenated nitrile. 2,320,816; June 1.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Polysilyl-ether modified aminoplast. 2,320,817; June 1.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Condensation products of aminotriazines, aldehydes, and halogenated aliphatic nitriles. 2,320,818; June 1.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Condensation products of an aminotriazole, an aldehyde, and a halogenated nitrile. 2,320,820; June 1.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction product of aldehydes and diazine derivatives. 2,321,364; June 8.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction product of a polymethyl melamine and a halogenated acetamide. 2,321,586; June 15.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Aminoplasts modified with oxanilic acid. 2,322,566; June 22.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Plasticized aminoplast. 2,322,567; June 22.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Interpolymers of an unsaturated alkyl resin and a 3-hydroxy alkene-1 poly-ester of a poly-carboxylic acid. 2,323,706; July 6.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Urea-aldehyde-halogenated acetone condensation product. 2,323,898; July 13.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Diazine derivatives. 2,324,283; July 13.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Triazine derivatives. 2,324,286; July 13.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Diazine derivatives. 2,324,287; July 13.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction product of aldehydes and triazine derivatives. 2,324,288; July 13.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction product of aldehydes and diazine derivatives. 2,324,289; July 13.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction product of aldehydes and diazine derivatives. 2,324,290; July 13.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Triazine derivatives. 2,324,826; July 20.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction product of aldehydes and triazine derivatives. 2,324,827; July 20.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Aminoplast modified with a malonic ester. 2,325,375; July 27.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Condensation products of amide compounds, aldehydes, and keto-esters. 2,325,376; July 27.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Aminotriazine-aldehyde-halogenated acetone condensation product. 2,327,771; Aug. 24.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Plasticized aminoplast. 2,327,772; Aug. 24.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Urea-triazine resin. 2,328,424; Aug. 31.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Urea-triazine resin. 2,328,425; Aug. 31.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Preparing methylene malonic esters. 2,330,033; Sept. 21.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Preparing a mono-(Bis-guanido) benzene monosulphonamide. 2,331,375; Oct. 12.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Reaction product of an aldehyde and a biguanido carbocyclic sulphonamide. 2,331,376; Oct. 12.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Aminoplast. 2,331,377; Oct. 12.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Condensation products of an aminotriazole, an aldehyde, and a halogenated amide. 2,332,302; Oct. 19.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Condensation products of an aminotriazole, an aldehyde, and a halogenated acylated urea. 2,332,303; Oct. 19.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic composition comprising hydrolyzed, acetalized, and/or ketalized copolymers of vinyl esters and unsaturated organic ethers. 2,332,895; Oct. 26.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic composition comprising hydrolyzed, acetalized, and/or ketalized copolymers of vinyl esters and unsaturated ketones containing at least one $\text{CH}=\text{C}<$ grouping. 2,332,897; Oct. 26.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic composition comprising hydrolyzed, acetalized, and/or ketalized copolymers of vinyl esters and unsaturated alkyl resins. 2,332,898; Oct. 26.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic composition comprising hydrolyzed, acetalized, and/or ketalized copolymers of vinyl esters and unsaturated ketones containing at least one $\text{CH}=\text{C}<$ grouping. 2,332,899; Oct. 26.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic composition comprising hydrolyzed, acetalized, and/or ketalized polymers of allyl esters. 2,332,900; Oct. 26.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Synthetic composition comprising hydrolyzed, acetalized, and/or ketalized copolymers of vinyl esters and unsaturated ketones. 2,332,901; Oct. 26.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Condensation products of a urea, an aliphatic aldehyde, and a mono salt of a polyamine. 2,334,545; Nov. 16.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Polymers and copolymers of vinyl esters of halo-phenoxy substituted aliphatic mono-carboxylic acids. 2,335,651; Nov. 30.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Vinyl esters. 2,335,652; Nov. 30.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Compositions containing bis-(halogeno aliphatic amido) derivatives of divalent hydrocarbons. 2,337,313; Dec. 21.

- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Oil-soluble resinous composition. 2,337,873; Dec. 28.
- D'Alelio, Gaetano F., Pittsfield, Mass., assignor to General Electric Company. Resinous composition. 2,337,874; Dec. 28.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Diazine derivatives. 2,328,956; Sept. 7.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Resinous products of aldehydes and guanazo diazines. 2,312,320; Mar. 2.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction product of aldehydes and guanazo triazines. 2,312,321; Mar. 2.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and diazine derivatives. 2,312,689; Mar. 2.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Triazinyl carboxy-alkyl sulphides and salts thereof. 2,312,699; Mar. 2.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and pyrimidyl cyanoalkyl sulphides. 2,317,736; Apr. 27.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and pyrimidine derivatives. 2,317,737; Apr. 27.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and triazine derivatives. 2,317,738; Apr. 27.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and triazinyl cyanoalkyl sulphides. 2,317,739; Apr. 27.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and bisdiamino triazinyl disulphides. 2,320,819; June 1.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction product of aldehydes and bis-(diamino triazinyl) cyanoalkylene disulphides. 2,324,284; July 13.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Triazine derivatives. 2,324,285; July 13.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and bis-(diamino diazinyl) cyanoalkylene disulphides. 2,324,368; July 13.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Diazine derivatives. 2,324,369; July 13.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction product of aldehydes and bis-triazinyl carbazides. 2,328,957; Sept. 7.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Triazine derivatives. 2,328,958; Sept. 7.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Triazine derivatives. 2,328,959; Sept. 7.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Diazine derivatives. 2,328,960; Sept. 7.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Triazine derivatives. 2,328,961; Sept. 7.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products of aldehydes and bis-diazinyl carbazides. 2,328,962; Sept. 7.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction product of aldehydes and triazine derivatives. 2,328,963; Sept. 7.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction product of aldehydes and diazine derivatives. 2,328,964; Sept. 7.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Triazine derivatives. 2,335,045; Nov. 23.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction product of aldehydes and triazine derivatives. 2,335,846; Dec. 7.
- D'Alelio, Gaetano F., and J. W. Underwood, Pittsfield, Mass., assignors to General Electric Company. Reaction products aldehydes and diazine derivatives. 2,337,547; Dec. 28.
- Daley, Frank J. (See Peterson, V. W., and Daley.)
- Daley, Frederick M., Shotton, and Ludolf H. De Wyk, Ansonia, Conn., assignors to The Sponge Rubber Products Company, Shelton, Conn. Converting bulk compound into vulcanized sponge rubber. 2,315,366; Mar. 30.
- Daley, William E., Alameda, Calif. Caster truck. 2,314,129; Mar. 16.
- D'Alfonso, Alexander C., Santa Barbara, Calif. Overhead garage door. 2,324,138; July 13.
- Dalglish, Walter M., Van Nuys, Calif., assignor to Radio Corporation of America. Film synchronizing system. 2,308,441; Jan. 12.
- Dalimata, John M., Chester, Mont. Harvester reel. 2,329,596; Sept. 14.
- Dalinda, Joseph Z. (See Dunajeff, Leonid A., assignor.)
- Dalmon, Joseph E. (See Nelson, Nicholas, assignor.)
- Dalkin, A. Co. (See Dalkin, Albert A., assignor.)
- Dalkin, Albert A., assignor to A. Dalkin Co., Chicago, Ill. Piston ring for mixing valves. 2,317,034; Apr. 20.
- Dalkowitz, Godfrey, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Shaving device. 2,324,070; July 13.
- Dalkowitz, Godfrey, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Shaving device. 2,334,994; Nov. 23.
- Dalkowitz, Godfrey, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Shaving device. 2,334,995; Nov. 23.
- Dall, Albert H. (See Ernst, H., Dall, and Herfurth.)
- Dall, Albert H., H. Ernst, and S. Einstein, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Surface finishing machinery. 2,327,022; Aug. 17.
- Dall, Edward D., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Door lock. 2,333,473; Nov. 2.
- Dallos, Magdalen, Jacksonville, Fla. Garment hanger. 2,320,441; July 13.
- Dallos, Magdalen, Jacksonville, Fla. Bag for clothespins and garment hangers. 2,320,415; June 1.
- Dally, Roy, assignor to Webster Electric Company, Racine, Wis. Crystal pickup unit. Re. 2,327,371; Sept. 7.
- Dally, Roy, assignor to Webster Electric Company, Racine, Wis. Tone arm. 2,313,126; Mar. 9.
- Dally, Roy, assignor to Webster Electric Company, Racine, Wis. Crystal pickup unit. 2,313,324; Mar. 9.
- Dally, Roy, assignor to Webster Electric Company, Racine, Wis. Stylus for reproducers. 2,320,416; June 1.
- Dalot, Maurice A., Deuil, France; vested in the Alien Property Custodian. Diaphragm control device for motion and still picture cameras. 2,319,304; May 18.
- Dalton, Byron W., Chicago, Ill. Floating wall construction. 2,313,325; Mar. 9.
- Dalton, Clarence E., St. Louis, Mo. Trestle. 2,317,444; Apr. 27.
- Dalton, Eloy E., Berwyn, Ill., assignor to American Can Company, New York, N. Y. Printing machine. 2,312,322; Mar. 2.
- Dalton, Harold R., Teaneck Township, Bergen County, N. J. Copying and recording paper. 2,313,508; Mar. 16.
- Dalton, Harold R., Teaneck, N. J. Copying and recording medium. 2,313,810; Mar. 16.
- Dalton, Robert H., assignor to Corning Glass Works, Corning, N. Y. Glass article and making it. 2,326,012; Aug. 3.
- Dalton, Robert H., assignor to Corning Glass Works, Corning, N. Y. Making sealing glasses. 2,336,227; Dec. 7.
- Dalton, Simon E., Jr., Atlantic City, N. J. Bathtub with contained shower curtain. 2,313,421; Mar. 9.
- Dalton, Thomas B., and R. H. Weisner, Orange, N. J., assignors to Reynolds Metals Company, Richmond, Va. Apparatus for forming bags. 2,326,931; Aug. 17.
- Dalton, Thomas L., Kansas City, Mo. Signal. 2,324,614; July 20.
- Dalton, William, Schenectady, N. Y., assignor to General Electric Company. Terminal box. 2,321,999; June 15.
- Daly, Arthur J., P. R. Hawtin, and B. Shaw, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of sheet material. 2,332,559; Oct. 26.
- Daly, George F., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,330,957; Oct. 5.
- Daly, Le Grand, Port Clinton, Ohio. Self-packing piston. 2,310,917; Feb. 16.
- Daly, Raymond E., Chicago, Ill., and J. F. Walsh, Tuckahoe, N. Y., assignors to American Maize-Products Company. Starch conversion process. 2,307,491; Jan. 5.
- Daly, Raymond E., Chicago, Ill., and J. F. Walsh, Tuckahoe, N. Y., assignors to American Maize-Products Company. Starch conversion process. 2,307,725; Jan. 5.
- Daly, Sylvester, Woodcliff Lake, N. J. Gas mask. 2,337,232; Dec. 21.
- Dalzen, William F. (See Sneed, John, assignor.)
- Daman, Arthur C., L. H. Logue, and T. S. Bailey, Jr., assignors to Mining Process and Patent Company, Denver, Colo. Froth flotation apparatus and treatment. 2,316,770; Apr. 20.
- D'Amato, Celestino G., Philadelphia, Pa. Course stick. 2,315,941; Apr. 6.
- Dames & Moore. (See Dames, Trent R., assignor.)
- Dames, Trent R., Pasadena, assignor to Dames & Moore, Los Angeles, Calif. Soil sampler. 2,318,062; May 4.
- D'Amico, G., Macaroni Company. (See Spinuzzi, Frank, assignor.)

- Damon, Philip E., Ames, Iowa. Wick seal for flares and making same. 2,336,675; Dec. 14.
- Damonte, John P., New Orleans, La. Pump. 2,331,310; Oct. 12.
- Damrow Brothers Company. (See Damrow, Edward C., assignor.)
- Damrow Brothers Company. (See Peters, Norman J., assignor.)
- Damrow, Edward C., assignor to Damrow Brothers Company, Fond du Lac, Wis. Pasteurizing apparatus. 2,321,615; July 20.
- Damrow, George E., Glen Ridge, assignor to Pie-Pak Company, Inc., Hoboken, N. J. Display package. 2,326,013; Aug. 3.
- Damrow, George E., Glen Ridge, assignor to Pie-Pak Company, Inc., Hoboken, N. J. Display package. 2,326,014; Aug. 3.
- Dana, Junius, University Heights, Ohio, assignor to General Electric Company. Electric lamp. 2,317,035; Apr. 20.
- Danberg, Charles A., Berlin, Conn. Storage battery cable connector. 2,324,828; July 20.
- D'Andrea, Albert P., Brooklyn, N. Y. Adhesive composition. 2,344,680; July 20.
- Dandy, Walter E., Baltimore, Md. Protective cap. 2,333,987; Nov. 9.
- Dane, Elisabeth, Munich, Germany, assignor to Schering Corporation, Bloomfield, N. J. Hydrogenated phenanthrene compounds and making the same. 2,315,505; Dec. 1.
- Dane, Leo. (See Hecht, O., Prillwitz, and Dane.)
- Dane, William, Elmont, N. Y. Rotary swing. 2,337,975; Dec. 28.
- Danehy, James P., Cleveland Heights, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Preparation of sensitized lithographic plates, etc. 2,324,197; July 13.
- Danehy, James P., and J. H. Newland, Cleveland Heights, Athens, assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Lithographic plate preparation. 2,324,198; July 13.
- Danforth, Edwin A., Portland, Oreg. Self-propelled amphibian vehicle. 2,330,958; Oct. 5.
- Danforth, Joseph D., assignor to Universal Oil Products Company, Chicago, Ill. Temperature control. 2,333,845; Nov. 9.
- Danforth, Louis D., assignor of one-twelfth to S. R. Smith, two-twelfths to G. C. Lambert, three-twelfths to W. R. Ferguson, four-twelfths to H. A. Irwin, Los Angeles, Calif., and one-sixth to Aero Inventions Inc., Las Vegas, Nev. Diaphragm lock nut. 2,326,030; May 25.
- Danforth, Louis D., assignor to C. C. Akin, Los Angeles, Calif. Lock nut. 2,320,032; May 25.
- Danforth, Richard S., Berkeley, Calif. Twin fluke anchor. 2,320,966; June 1.
- D'Angremond, Armand, and O. B. Schrieke, Medan, Sumatra, Netherlands East Indies; vested in the Alien Property Custodian. Concentrating aqueous dispersions. 2,332,902; Oct. 26.
- Daniel, Frederick K., Kew Gardens, assignor to Hornkem Corporation, New York, N. Y. Drilling fluid. 2,323,426; July 31.
- Daniel, Frederick K., Kew Gardens, assignor to Hornkem Corporation, Long Island City, N. Y. Drilling fluids. Re. 22,407; Dec. 21.
- Daniel, Robert E., Birmingham, Ala., assignor to United States Pipe and Foundry Company. Centrifugal casting apparatus. 2,313,926; Mar. 16.
- Daniel, Walter. (See Mueller-Cunradi, M., and Daniel.)
- Daniel, William G., Miami, Fla. Attachable side wall for tires. 2,334,388; Nov. 16.
- Daniells, William K. (See Dodge, H. M., and Daniells.)
- Daniels, Alfred P. (See Hall, Willard C., Jr., assignor.)
- Daniels, Alfred P. (See Hall, W. C., Jr., and Le Gette, assignors.)
- Daniels, Claude H., Greenwich, Conn. Flexible insole and treatment thereof. 2,318,926; May 11.
- Daniels, George H., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Steam generator. 2,332,508; Oct. 26.
- Daniels, Gordon E., Los Angeles, Calif. Dirt scraping apparatus. 2,330,113; Sept. 21.
- Daniels, James E. (See Filizkowski, John S., assignor.)
- Daniels, Joseph. (See Totzok, P., and Daniels.)
- Daniels, Manuel, assignor to Gosnold Mills Corporation, New Bedford, Mass. Bobbin delivery control for weft magazines. 2,324,565; July 20.
- Daniels, Rupert S., Union, N. J., assignor to Bakelite Corporation, New York, N. Y. Soft-bond article. 2,312,392; Mar. 2.
- Danielson, Clifford E., Minneapolis, Minn. Breath detector. 2,331,559; Oct. 12.
- Danielson, Rph. R. (See Staley, H. F., and Danielson.)
- Danielsson, Paul, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Method of and machine for eviscerating fish. 2,322,831; June 29.
- Danilla, Emma G., Berlin Heights, Ohio. Device for aiding in hairdressing. 2,328,374; Aug. 31.
- Danke, Vernon H., Oshkosh, Wis. Cornhusker. 2,307,824; Jan. 12.
- Danley, Gail L., and A. J. Gordon, Denver, Colo. Telephone sterilizer. 2,316,540; Apr. 13.
- Dann, Charles W., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,320,572; June 1.
- Dann, Charles W., East Orange, N. J. Electrical switch. 2,335,110; Nov. 23.
- Dann, Herbert C., assignor to Crystal Plastic Corporation, New York, N. Y. Toilet accessory. 2,327,096; Aug. 17.
- Danneman, Fred C., Ridgewood, N. Y. Die set parts assembly. 2,317,880; Apr. 27.
- Danneman, Fred C., Ridgewood, N. Y. Demountable pin or shank assembly. 2,322,422; June 22.
- Dannenbaum, Hans. (See Butenandt, A., Inhoffen, and Dannenbaum.)
- Dannenbaum, Hans, Falkenberg-Finkenkrug, near Berlin, H. H. Inhoffen, Berlin-Wilmersdorf, and W. Hohlweg, Hohen Neuendorf, near Berlin, Germany, assignors to Schering Corporation, Bloomfield, N. J. Carbonyl compounds of the cyclopentano polyhydro phenanthrene series and producing the same. 2,322,227; June 22.
- Dannenbergh, Hans. (See Adelson, D. E., and Dannenbergh.)
- Dannenbergh, Joseph, executor, et al. (See Leprestre, Rene.)
- Dannenbergh, Kurt. (See Andersen, R. C., Humphreys and Dannenbergh.)
- Dannenbergh, Kurt, Islington, London, assignor of one-half to Electric Transmission Limited, Etruria, Stoke-on-Trent, Staffordshire, England. Cartridge fuse and switchgear incorporating the fuse. 2,330,690; Sept. 28.
- Danner, Harry S., Cranford, N. J. Side wall drilling and sampling tool. 2,327,023; Aug. 17.
- Danner, Philip, and R. C. Mithoff, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Catalytic treatment of petroleum hydrocarbons. 2,315,506; Apr. 6.
- Dannerth, Frederic. (See Klinkenstein, G., Dannerth, and Frey.)
- D'Annunzio, Alfred, Roosevelt, N. Y., deceased, A. D'Annunzio, G. De Blasio, and C. Calderone, administrators, Self-lighting cigarette. 2,314,389; Mar. 23.
- D'Annunzio, Antonio, administrator, et al. (See D'Annunzio, Alfred.)
- Dante, Joseph J., Bantam, Conn. Electric terminal lug. 2,324,829; July 20.
- Dantolan, Wilfred, Chicago, Ill. Gripping mitt. 2,319,390; May 18.
- D'Antonio, Alfred. (See Clark, F. R., and D'Antonio.)
- Danzworth, Louis D., assignor of one-twelfth to S. R. Smith, two-twelfths to G. C. Lambert, three-twelfths to W. R. Ferguson, and four-twelfths to H. A. Irwin, Los Angeles, Calif. Lock nut including its construction. 2,320,031; May 25.
- Danz, Harry O., assignor to American Blower Corporation, Detroit, Mich. Tube type collector. 2,323,707; July 6.
- Danz, Harry O., assignor to American Blower Corporation, Detroit, Mich. Tube type collector. 2,323,708; July 6.
- Darby, Ernest R., and P. J. Potter, assignors to Federal Mogul Corporation, Detroit, Mich. Corrosion inhibitor. 2,311,644; Feb. 23.
- D'Arcey, Alfred C., Milton, assignor to Mason-Nellan Regulator Co., Boston, Mass. Control valve. 2,315,775; Apr. 6.
- Darche, Maurice, Brooklyn, N. Y. Picture frame. 2,321,365; June 8.
- Dardick, David. (See Joyce, B. P., Brayton, Walsh, and Dardick.)
- Darenberg, George W., and D. Shea, Freeport, assignors to Phoenix Novelty Textile Printers, New York, N. Y. Textile printing machine. 2,320,269; May 25.
- Darenberg, George, and D. Shea, Freeport, N. Y. Color printing press. 2,334,909; Nov. 23.
- Dariano, Anthony, San Jose, Calif. Paint strainer. 2,315,842; Apr. 6.
- Darke, Francis J., Jr., Moorestown, N. J., assignor to Radio Corporation of America. Photoelectric musical instrument. 2,318,144; May 4.
- Darling, Elton R., Rockford, Ill., assignor to Hills Bros. Coffee Inc., San Francisco, Calif. Coffee extract. 2,335,206; Nov. 23.
- Darling, Erle MacG., Plymouth, Ind. Tweezers. 2,334,252; Nov. 16.
- Darling, Frank L., Hollywood, Calif. Hydraulic brake mechanism. 2,335,839; Nov. 30.
- Darling, Frank L., Hollywood, Calif., assignor to Wagner Electric Corporation, St. Louis, Mo. Delayed action brake holding mechanism. 2,334,611; Nov. 16.
- Darner, Frederic M., Cleveland, Ohio, C. L. Dewey, Elkhart, Ind., and S. L. Dewey, Cleveland Heights, Ohio, assignors to Metal Tube Shaping Corporation, Elkhart, Ind. Machine for configuring tubing. 2,330,811; Oct. 5.
- Da Roza, Francis G. (See Hill, F. E., and da Roza.)
- Darr, Harry E. (See Storch, Max H., assignor.)
- Darragh, Frank H., Jr., Beaver Falls, Pa. Water tractor. 2,308,327; Jan. 12.
- Darrow, Samuel L., Palatine Bridge, N. Y., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Package. 2,330,691; Sept. 28.

- Dasher, Don E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,309,756; Feb. 2.
- Dashner, Francis J., Oak Park, Ill., assignor to American Can Company, New York, N. Y. Fluxing composition. 2,313,736; Mar. 16.
- Da Silva, Isaura W., Lodi, Calif. Teat cup unit. 2,324,481; Nov. 16.
- Daskais, Morris H., Chicago, Ill., assignor to Research Corporation. Mercury-acetylide compound and method of preparing the same. 2,329,883; Sept. 21.
- Daskais, Morris H., Chicago, Ill., assignor to Research Corporation. Preventing growth of fungi. 2,329,884; Sept. 21.
- Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,326,288; Aug. 10.
- Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,329,338; Sept. 14.
- Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,331,458; Oct. 12.
- Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 2,331,459; Oct. 12.
- Dath, George E., Mokena, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,335,847; Dec. 7.
- Datin, Richard C., Petersburg, Va., and D. C. Bardwell, Syracuse, assignors to The Solvay Process Company, New York, N. Y. Preparation of ammonium and amine salts of acidic organic compounds. 2,324,199; July 13.
- Datsko, Jack, Los Angeles, Calif. Cigarette holder. 2,319,850; May 25.
- Dauch, Emil O., Grosse Pointe Park, Mich. Laundry tub. 2,330,800; Oct. 5.
- Daudelin, Jean B., Fall River, Mass., and R. J. Messier, East Providence, R. I. Loom shuttle. 2,333,413; Nov. 2.
- Daugherty, Fount F., assignor to T. Francis, F. F. Daugherty, N. S. Wood, T. H. Mize, I. L. Rhodes, W. J. Moran, L. P. Carpenter, D. R. Francis, St. Louis, Mo., and N. Ewing, Fort Lewis, Wash., as trustees. Recording apparatus. 2,322,282; June 22.
- Daugherty, George W., Orlando, Fla. Spraying machine. 2,331,107; Oct. 5.
- Daugherty, Jesse, assignor to The Cincinnati Planer Company, Cincinnati, Ohio. Metal planer. 2,317,674; Apr. 27.
- Daukus, John F., Detroit, Mich. Clutch plate. 2,324,913; July 20.
- Daumiller, Guenther. (See Reppe, W., Steinhofner, and Daumiller.)
- Daumiller, Guenther, and G. Hoffman, Ludwigshafen-on-the-Rhine, Germany; vested in the Allen Property Custodian. Production of aromatic vinyl compounds. 2,310,762; Feb. 9.
- Dauw, Carl L., Milwaukee, Wis. Dispenser for carbonated beverages. 2,313,226; Mar. 9.
- Dauster, John F., Wilkingsburg, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Fastening means. 2,312,630; Mar. 2.
- Dautrick, Owen L., Ferndale, and S. J. Dautrick, Detroit, Mich. Window structure. 2,310,401; Feb. 9.
- Dautrick, Stewart J. (See Dautrick, Owen L., and Stewart, J.)
- Davenport, C. C., and Son, Inc. (See Davenport, Frank G., assignor.)
- Davenport, Bascomb E. (See Roberts, T. B., and Davenport.)
- Davenport, Edwin B., San Francisco, Calif. Pressure actuated switch. 2,331,826; Oct. 12.
- Davenport, Frank G., assignor to A. C. Davenport and Son, Inc., Chicago, Ill. Electric sign. 2,318,596; May 11.
- Davenport, Franklin E., D. C. Knowlton, and R. W. McCormick, Watertown, N. Y., assignors to Knowlton Bros. Low electrical resistance paper and making same. 2,328,198; Aug. 31.
- Davenport, Granger, Montclair, assignor to Gould & Elderhard, Newark, N. J. Cutter stop for machine tools. 2,336,849; Dec. 14.
- Davenport, John B., Provincetown, Mass. Photographic apparatus. 2,334,075; Nov. 9.
- Davenport, Leonard G., Kilgore, Tex., assignor to International-Stacey Corporation, Columbus, Ohio. Adjustable beam saddle. 2,307,492; Jan. 5.
- Davenport, Sam, assignor to Creek Chub Bait Company, Garrett, Ind. Fish lure. 2,315,247; Mar. 30.
- Davenport, Samuel L. V., Red Oak, Tex. Implement attachment for tractors. 2,335,175; Nov. 23.
- Davenport-Woosley Processing Corporation. (See Patton, James E., assignor.)
- Davey, Edwin B., Glendale, and E. N. Martinson, Riverside, Calif. Piston hammer for rock drills. 2,318,063; May 4.
- Davey, Edward P., Wealdstone, England, assignor to Eastman Kodak Company, Rochester, N. Y. Diffusion of sensitizing dyes in photographic emulsions. 2,331,660; Oct. 12.
- Davey, Edward P., and E. B. Knott, Wealdstone, England, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic printing material. 2,318,597; May 11.
- Davey, Norman, Garston, near Watford, England. Arch construction. 2,336,228; Dec. 7.
- Davey, Paul H., Kent, Ohio, Shield. 2,316,055; Apr. 6.
- Davey, Warren, Montclair, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Drying apparatus and method. 2,307,995; Jan. 12.
- David, Raymond C., assignor to Fosgood Corporation, Leominster, Mass. Lens grinding and polishing machine. 2,309,936; Feb. 2.
- Davidson, Melville, New York, N. Y. Jacket construction. 2,318,295; May 4.
- Davidson, Alfred E., Chapman, S. T. McQueen, and J. Payman, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Printing vat dyestuffs. 2,327,405; Aug. 24.
- Davidson, Allen M., and C. A. King, South Bend, Ind. Trolling device. 2,317,445; Apr. 27.
- Davidson, David, New York, M. Popowsky, and P. Rosenblatt, Brooklyn, N. Y. Apparatus for determining specific gravity. 2,328,787; Sept. 7.
- Davidson, George D., Jr., Wadesboro, and T. J. Norman, Jr., assignors to The Herald Press, Charlotte, N. C. Package wrapper and method. 2,327,024; Aug. 17.
- Davidson, Glenn, Aurora, Ill. Clarification of murky solutions, particularly those resulting from alkaline extraction of vegetable protein products. 2,307,453; Jan. 5.
- Davidson, Harry, Auburn, Ind. Sewer cleaner. 2,322,423; June 22.
- Davidson, John T., Oakwood, assignor to The National Cash Register Company, Dayton, Ohio. Carriage operating mechanism for accounting machines. 2,323,012; June 29.
- Davidson, John T., and B. T. Bickel, assignors to The Standard Register Company, Dayton, Ohio. Auto-graphic register. 2,337,548; Dec. 28.
- Davidson, Leo R. (See Balz, W. G., and Davidson.)
- Davidson, Manufacturing Corporation. (See Banning, J. D., and Anderson, assignors.)
- Davidson Manufacturing Corporation. (See Breman, F. J., and Dell, assignors.)
- Davidson Manufacturing Corporation. (See Davidson, William W., assignor.)
- Davidson, Nathan J., Des Moines, Iowa. Toothbrush. 2,307,493; Jan. 5.
- Davidson, Paul B., Wilkinsburg, Pa., assignor to Strathmore Paper Company, West Springfield, Mass. Paper sizing. 2,320,771; June 1.
- Davidson, Richard W., West Englewood, N. J., assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,315,689; Apr. 6.
- Davidson, Robert L. (See Cole, G. H., Davidson, and Carpenter.)
- Davidson, Trevor O., Milwaukee, assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Variable change speed hoist. 2,333,092; Nov. 2.
- Davidson, Wilbur L. (See Calhoun, J. C., Davidson, and Hansen.)
- Davidson, William W., Evanston, Ill., assignor to Davidson Manufacturing Corporation. Rotary compressor. 2,309,577; Jan. 26.
- Davidson, William W., Evanston, Ill. Rotary liquid pump. 2,316,318; Apr. 13.
- Davie, Owen H. (See Bell, D. A., and Davie.)
- Davie, Preston, New York, and A. L. Halvorsen, Purdy, N. Y.; said Halvorsen assignor to said Davie. Shielded radio tube. 2,307,027; Jan. 6.
- Davie, Preston, New York, and A. L. Halvorsen, Purdy, N. Y., said Halvorsen assignor to said Davie. Electrical conductive coating. 2,321,587; June 15.
- Davies, Albert E., Hornchurch, England, assignor to Addressograph-Multigraph Corporation, Wilmington, Del. Printing and calculating machine. 2,332,304; Oct. 19.
- Davies, Arthur E., Los Angeles, Calif. Successor, C. Herman, administrator, assignor of twenty per cent to F. P. Shadden, Los Angeles, Calif., and eighty per cent to S. A. Davies. Swivel seat. 2,329,697; Sept. 21.
- Davies, Clarence J., assignor to National Automotive Fibres, Inc., Detroit, Mich. Sewing mechanism. 2,328,183; Aug. 31.
- Davies, Clarence J., and A. C. Lind, assignors to National Automotive Fibres, Inc., Detroit, Mich. Blind molding. 2,310,763; Feb. 9.
- Davies, David P., assignor to J. I. Case Company, Racine, Wis. Turbulence cylinder head. 2,334,146; Nov. 9.
- Davies, Edward R., E. W. H. Selwyn, and J. M. Otazu, Wealdstone, England, assignors to Eastman Kodak Company, Rochester, N. Y. Aerial camera. 2,333,768; Nov. 9.
- Davies, Frank H., Detroit, Mich. Grate construction. 2,338,027; Dec. 28.
- Davies, Gomer L., Woodside, Md., assignor to Washington Institute of Technology, Inc., Washington, D. C. Modulation system. 2,319,535; May 18.
- Davies, James A., Media, assignor to Westinghouse Electric Manufacturing Company, East Pittsburgh, Pa. Turbine shroud fastening. 2,315,601; Apr. 6.
- Davies, Lynn E., Park Ridge, assignor to White Cap Company, Chicago, Ill. Packaging apparatus. 2,319,213; May 18.
- Davies, Lynn E., Park Ridge, assignor to White Cap Company, Chicago, Ill. Sealing apparatus. 2,319,214; May 18.

- Davis, Lynn E., Park Ridge, assignor to White Cap Company, Chicago, Ill. Cap applying apparatus. 2,337,932; Dec. 21.
- Davis, Lynn E., Park Ridge, assignor to White Cap Company, Chicago, Ill. Closure cap feeding apparatus. 2,337,933; Dec. 21.
- Davis, Sewell A., Burlingame, Calif., assignor to American Cream Tartar Co. Manufacture of tartar emetic employing antimony metal. 2,335,585; Nov. 30.
- Davis, Reginald C., Walton, Liverpool, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Footwear and the manufacture thereof. 2,323,801; July 6.
- Davis, Shirley A., et al. (See Davis, Arthur E., assignor.)
- Davis, Wilfred W., Chicago, and G. A. Page, La Grange, assignors to United Air Lines Transport Corporation, Chicago, Ill. Valved connector. 2,320,719; June 1.
- Davino, Alphonso, Los Angeles, Calif. Aerial railway apparatus. 2,324,487; July 20.
- Davis, Albert E., New York, N. Y. Retractable and expandable inside screen for windows. 2,334,482; Nov. 16.
- Davis, Allan C., assignor to F. A. Davis & Sons, Baltimore, Md. Case filling machine. 2,318,598; May 11.
- Davis, Allan C., assignor to F. A. Davis & Sons, Baltimore, Md. Case filling machine. 2,318,927; May 11.
- Davis, Alvin G., Long Beach, Calif. Multiple firing N type four cycle internal combustion engine. 2,318,599; May 11.
- Davis, Archibald H., Jr., Rock Island, Ill., assignor to American Machine and Metals, Inc., New York, N. Y. Filling nozzle with automatic shutoff. 2,320,033; May 25.
- Davis, Arthur A., East Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaning apparatus. 2,334,733; Nov. 23.
- Davis, Arthur L., near Knoxville, Tenn. Heat treating vegetable material. 2,337,034; Dec. 21.
- Davis, Bemiss N., New Orleans, La. Antitheft device. 2,316,936; Apr. 20.
- Davis, Benjamin H., Ridgewood, N. J. Apparatus for treating continuously sheathed cores. 2,307,575; Jan. 5.
- Davis, Benjamin H., Valois, N. Y. Vehicle anchor means. 2,332,993; Oct. 26.
- Davis, Bert, assignor to Synchron Manufacturing Company, Columbus, Ohio. Anchor for clotheslines or the like. 2,316,053; Apr. 6.
- Davis, Bowen M., Laird Hill, Tex. Retrievable combination bridge plug and packer. 2,323,085; June 29.
- Davis, Burton J., Kingston, N. Y. Blackout shield for headlamps. 2,323,978; July 13.
- Davis, Carlton C. (See Drill, D. C., and Davis.)
- Davis, Charles C., assignor to The Tinkon-Detroit Axle Company, Detroit, Mich. Gearing. 2,307,394; Jan. 5.
- Davis, Charles C., West Los Angeles, Calif., assignor to Western Electric Company, Incorporated. Method and apparatus for scanning sound-film control tracks. 2,307,825; Jan. 12.
- Davis, Charles C., West Los Angeles, Calif., assignor to Western Electric Company, Incorporated, New York, N. Y. Mechanical coupling. 2,337,976; Dec. 28.
- Davis, Charles McC., et al. (See Cappellanti, Harry, assignor.)
- Davis, Charles T. (See Davis, Walter S., and Charles T.)
- Davis, Charles W., Silver Spring, Md., assignor to Chicago Development Company, Chicago, Ill. Separation of materials of different specific gravities and media therefor. 2,336,470; Dec. 14.
- Davis, Claude R. (See Pfennig, R. F., and Davis.)
- Davis, Claude W., Roanoke, Va. Golf practicing device. 2,326,524; Aug. 10.
- Davis, Clyde O., and W. S. Pilcher, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Perforating apparatus. 2,316,054; Apr. 6.
- Davis, Clyde W. (See Britton, E. C., and Davis.)
- Davis, Cortland W. (See Meredith, G. E., and Davis.)
- Davis, Cortland W. and W. B. Engh, Alexandria, Ind., assignors to The Mantle Lamp Company of America, Chicago, Ill. Water heater. 2,335,918; Dec. 7.
- Davis, David, New York, N. Y. Display device. 2,327,301; Aug. 17.
- Davis, David M., Rexford, N. Y., assignor to General Electric Company. Phase reversing means. 2,316,567; Apr. 13.
- Davis, Dean W., Oak Park, Ill. Solenoid. 2,311,431; Feb. 16.
- Davis, Dean W., Oak Park, Ill. Solenoid. 2,311,432; Feb. 16.
- Davis, Dorothy, et al. (See Briggs, Ernest B., assignor.)
- Davis, Durward M., Vestal, assignor to International Business Machines Corporation, New York, N. Y. Screw machine. 2,323,380; July 6.
- Davis, Edgar C. (See Anderson, H. T., and Davis.)
- Davis, Edward A. (See Legullion, C. W., and Davis.)
- Davis, Edward A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for handling strip material. 2,309,755; Feb. 2.
- Davis, Edward A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Circular loom. 2,335,111; Nov. 23.
- Davis, Edward A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Braiding machine. 2,337,977; Dec. 28.
- Davis, Edward D., assignor to The Boye Needle Company, Chicago, Ill. Display rack. 2,316,771; Apr. 20.
- Davis, Edward D., assignor to The Boye Needle Company, Chicago, Ill. Cabinet. 2,325,483; July 27.
- Davis, Edward P. (See Gebhard, M. L., Heltzer, Clarke, and Davis.)
- Davis, Elwood T., Brookline, assignor to Leeds & Northrup Company, Philadelphia, Pa. Control system. 2,325,232; July 27.
- Davis, Elwood T., Brookline, assignor to Leeds & Northrup Company, Philadelphia, Pa. Electrical system. 2,325,308; July 27.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Dry cleaning machine. 2,313,225; Mar. 9.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Sleeve press. 2,315,690; Apr. 6.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Two hand control for presses. 2,323,457; July 6.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Textile ironing press. 2,326,015; Aug. 3.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Safety two hand control. 2,332,132; Oct. 19.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Sleeve press. 2,337,086; Dec. 21.
- Davis, Ernest, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Two-hand control for power-actuated machines. 2,337,455; Dec. 21.
- Davis, Ernest F., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Carburelizing. Re. 22,346; July 13.
- Davis, Ernest W., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating system. 2,308,864; Jan. 19.
- Davis, Ernest W., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating system. 2,308,865; Jan. 19.
- Davis, Ernest W., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,332,305; Oct. 19.
- Davis, Ernest W., River Forest, assignor to Stewart-Warner Corporation, Chicago, Ill. Hose reel. 2,312,528; Mar. 2.
- Davis, Ernest W., River Forest, assignor to Stewart-Warner Corporation, Chicago, Ill. Resistance unit. 2,327,025; Aug. 17.
- Davis, Ernest W., River Forest, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,337,454; Dec. 21.
- Davis, F. A. & Sons. (See Davis, Allan C., assignor.)
- Davis, Fay P., Omak, Wash. Puzzle. 2,324,566; July 20.
- Davis, Floyd O., Jackson County, Mo. Hose nozzle. 2,333,707; Nov. 9.
- Davis, Ford C., Hartsville, Ohio. Apparatus for handling vegetables or the like. 2,307,257; Jan. 5.
- Davis, Francis F., Houston, Tex. Supplying an abrasive material to drills. 2,329,393; Sept. 14.
- Davis, Frank L., College Point, Long Island, N. Y. Spark plug cleaner. 2,332,063; Oct. 19.
- Davis, Fred F., assignor to Davis Gerrish Holding Corporation, New York, N. Y. Beverage dispensing system. 2,331,460; Oct. 12.
- Davis & Furber Machine Company. (See Rowe, Irving R., assignor.)
- Davis, Garland H. B., Elizabeth, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Thickened oil composition. 2,334,996; Nov. 23.
- Davis, George A., Mountain Lakes, N. J., assignor to Saco-Schaeff Engineering Corporation, New York, N. Y. Coke oven regenerator. 2,334,612; Nov. 16.
- Davis, George B., Jr., Green Acres, Md. Drapery support. 2,334,809; Nov. 23.
- Davis, George H., Detroit, Mich. Luminous gun sight. 2,336,718; Dec. 14.
- Davis, George M., et al. (See Tewksbury, John M., assignor.)
- Davis-Gerrish Holding Corporation. (See Davis, Fred F., assignor.)
- Davis, Gifford D., South Orange, N. J., and B. A. Dombrow, New York, N. Y., assignors to National Oil Products Company, Harrison, N. J. Treating ricinoleic acid compounds. 2,318,762; May 11.
- Davis, Gifford D., South Orange, assignor to National Oil Products Company, Harrison, N. J. Nonfoaming shampoo. 2,336,166; Dec. 7.
- Davis, Harold G., Denver, Colo. Concrete form. 2,308,806; Jan. 19.
- Davis, Harold S. (See Dockson, C. H., and Davis.)
- Davis, Harry E., Akron, and O. Werner, deceased, Cuyahoga Falls, Ohio, by Department of Financial Institutions, State of Indiana, liquidator of the St. Joseph Loan & Trust Company, South Bend, Ind., executor. Machine for making suckers. Re. 22,376; Sept. 14.

- Davis, Henry R., Coventry, and J. B. Foley, Warwick, R. I. Splash guard. 2,319,664; May 18.
- Davis, Herbert L. (See Webb, Edwin Y., Jr., assignor.)
- Davis, Hyman R., assignor to The Luminus Company, New York, N. Y. Catalytic reactor. 2,321,013; June 8.
- Davis, Isaac P., Swarthmore, Pa., assignor to American Viscose Corporation, Wilmington, Del. Rayon and manufacturing same. 2,312,152; Feb. 23.
- Davis, Isaac P., Swarthmore, and E. S. Kennedy, Wayne, Pa., assignors to American Viscose Corporation, Wilmington, Del. Flat knit goods and yarn therefor. 2,314,924; Mar. 30.
- Davis, J. H., et al. (See Davis, Stephen H., assignor.)
- Davis, John V., assignor to The Udylyte Corporation, Detroit, Mich. Automatic bulk treating machine. 2,319,391; May 18.
- Davis, John V., assignor to The Udylyte Corporation, Detroit, Mich. Applicator for polishing and buffing compositions. 2,332,992; Oct. 26.
- Davis, Latta O., Greenfield, Ind. Sash and ventilator. 2,324,139; July 13.
- Davis, Lee I. (See Heart, H. L., and Davis.)
- Davis, Lee I. (See Waite, R. A., and Davis.)
- Davis, Lee M., assignor to Jones Lamson Machine Company, Springfield, Vt. Grinding wheel truing mechanism. 2,332,560; Oct. 26.
- Davis, Leonard, Hamilton, Ontario, Canada. Hat. 2,331,661; Oct. 12.
- Davis, Lewis E., Newport News, Va. Hospital bed. 2,336,550; Dec. 14.
- Davis, Lewis E. (See Beizer, H. H., and Davis.)
- Davis, Lloyd L., B. H. Lincoln, and G. D. Byrkit, assignors to Continental Oil Company, Ponca City, Okla. Sulphur-containing esters. 2,309,829; Feb. 2.
- Davis, Lloyd L., B. H. Lincoln, and G. D. Byrkit, assignors to Continental Oil Company, Ponca City, Okla. Lubricating oil. 2,322,116; June 15.
- Davis, Lloyd L. and B. H. Lincoln, Ponca City, Okla., assignors, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricant. 2,335,261; Nov. 30.
- Davis, Merlin. (See Peters, M. F., Boston, and Davis.)
- Davis, Orris L. (See McOmie, R. W., Davis, and Nixon.)
- Davis, Orris L. (See Nixon, A. C., and Davis.)
- Davis, Peter J., Streatham, London, England. Chair. 2,314,130; Mar. 16.
- Davis, Peter J., Sharon, Pa. Package. 2,334,546; No. 16.
- Davis, Philip S., et al. (See Cappellanti, Harry, assignor.)
- Davis, Ralph C., Akron, and C. W. Graham, Cleveland, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Cam mechanism. 2,308,963; Jan. 19.
- Davis, Raymond E., Berkeley, Calif. Concrete construction process. 2,331,311; Oct. 12.
- Davis, Richard E., assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic press. 2,337,848; Dec. 28.
- Davis, Richard W., Miami, Fla. Marine vessel. 2,321,133; June 8.
- Davis, Robert F., Washington, D. C., assignor to Well Surveys, Incorporated, Tulsa, Okla. Apparatus for determining the dip in the earth's substrata. 2,326,640; Aug. 10.
- Davis, Robert W., and E. R. Leonard, Bethesda, Md. Fruit and vegetable basket and cover. 2,328,427; Aug. 31.
- Davis, Royall O. E. (See Yee, J. Y., and Davis.)
- Davis, Stephen H., assignor to one-fourth to W. C. Revis and one-fourth to J. H. Davis, Chicago, Ill. Load weighing and totaling device for cranes, hoists, and the like. 2,324,769; July 20.
- Davis, Walter S., San Bernardino, and C. T. Davis, Los Angeles, Calif. Suture package. 2,318,379; May 4.
- Davis, Walter S., San Bernardino, and C. T. Davis, Los Angeles, Calif. Sterilizing and packaging sutures and the like. 2,318,380; May 4.
- Davis, Walter S., San Bernardino, and C. T. Davis, Los Angeles, Calif. Apparatus for treating and packaging sutures and the like. 2,318,381; May 4.
- Davis, Wayne A., Minneapolis, Minn. Pin setting apparatus. 2,310,218; Feb. 9.
- Davis, Wayne K., Berkeley, Calif. Liquid dispenser. 2,334,253; Nov. 16.
- Davis, Willard R., Houston, Tex., assignor to T. B. Wood's Sons Company, Chambersburg, Pa. Power transmission drive element. 2,332,832; June 29.
- Davis, William M., Cambridge, Mass., assignor to Craftsman Line-up Table Corporation, Waltham, Mass. Marking device. 2,323,649; July 6.
- Davis, Willis G., Pompton Plains, N. J., assignor to Ascoite, Inc. Apparatus for producing siding. 2,308,589; Jan. 19.
- Davison Chemical Corporation, The. (See Shoeld, Mark, assignor.)
- Davison Chemical Corporation, The. (See Wilson, Alvin C., assignor.)
- Davison, James W. (See Renfrew, A., and Davison.)
- Davison, Sidney M., Annisquam, Mass., assignor to General Foods Corporation, New York, N. Y. Refrigerating apparatus. 2,329,746; Sept. 21.
- Davitt, Margaret M., and J. E. M. Wendell, Rensselaer, N. Y. Tieback holder. 2,310,842; Feb. 9.
- Davol Rubber Company. (See Auzin, John M., assignor.)
- Davol Rubber Company. (See Auzin, J. M., and Zinck, assignors.)
- Davol Rubber Company. (See Hanna, Ezra L., assignor.)
- Davol Rubber Company. (See Raiche, Paul A., assignor.)
- Da Volt, Darwin. (See Summers, Berl E., assignor.)
- Davy, Lee G. (See Von Bramer, H., Davy, and Clemens.)
- Davy, Lee G., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of amino compounds. 2,312,754; Mar. 2.
- Dawes, Forrest L., Kent, and E. H. Stratton, Cuyahoga Falls, assignors to The Adamson Machine Company, Akron, Ohio. Molding press. 2,331,015; Oct. 5.
- Dawkins, Arthur S., East Rockingham, assignor of one-half to J. H. McFall, Rockingham, N. C. Jerked in filling eliminator for looms. 2,333,846; Nov. 9.
- Dawson, Charles E., Holyoke, assignor to Prophy-lactic Brush Company, Northampton, Mass. Making brushes. 2,311,818; Feb. 23.
- Dawson, Floyd. (See Smith, J. S., and Dawson.)
- Dawson, Fred, West Roxbury, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Pre-wet last-ing machine. 2,320,915; June 1.
- Dawson, Fred C., Canton, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Vulcanizer. 2,317,890; Apr. 27.
- Dawson, George A. (See Middleton, E. B., and Dawson.)
- Dawson, George A. (See Sease, V. S., and Dawson.)
- Dawson, George H., assignor to Wilson Jones Company, Chicago, Ill. Punch. 2,314,690; Mar. 23.
- Dawson, George H., and J. Potts, assignors to Wilson-Jones Company, Chicago, Ill. Loose-leaf binder. 2,331,461; Oct. 12.
- Dawson, James C., Jr., Kirkwood, Mo. Locking post construction. 2,327,873; Aug. 24.
- Dawson, James C., Jr., Kirkwood, Mo. Ring holder construction. 2,336,719; Dec. 14.
- Dawson, John W., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Control apparatus. Re. 2,231,4; May 18.
- Dawson, John W., Auburndale, Mass., assignor to Raytheon Manufacturing Company, Newton, Mass. Condenser welding system. 2,309,629; Feb. 2.
- Dawson, John W., Auburndale, Mass., and R. N. Stoddard, East Orange, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding apparatus. 2,314,691; Mar. 23.
- Dawson, John W., Auburndale, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 2,315,602; Apr. 6.
- Dawson, John W., Auburndale, assignor to Raytheon Manufacturing Company, Newton, Mass. Condenser welding system. 2,319,215; May 18.
- Dawson, John W., West Newton, assignor to Raytheon Manufacturing Company, Newton, Mass. Controlled ignition discharge tube system. 2,320,916; June 1.
- Dawson, John W., Auburndale, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,323,650; July 6.
- Dawson, Joseph, Toronto, Ontario, Canada. Reciprocating cam mechanism. 2,316,408; Apr. 13.
- Dawson, Joseph C. (See Allen, W. W., and Dawson.)
- Dawson, William O. (See Grim, J. M., and Dawson.)
- Dawson, William O. (See Niedercorn, J. G., and Dawson.)
- Dawson, William O., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Leather manufacture. 2,316,740; Apr. 13.
- Dawson, William O., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Leather manufacture. 2,316,741; Apr. 13.
- Day and Night Water Heater Co., Ltd. (See Wood, F. E., and Nettleton, assignors.)
- Day, Arthur L., Bangor, Maine. Bed or similar spring. 2,311,739; Feb. 23.
- Day-Brite Lighting, Inc. (See Biller, David J., assignor.)
- Day-Brite Lighting, Inc. (See Poehling, Henry J., assignor.)
- Day, Dewey D. (See Carr, C. R., and Day.)
- Day, John D. (See Crow, C. C., and Day.)
- Day, Harold M. (See Jayne, D. W., and Day.)
- Day, Harold M. (See Jayne, D. W., Jr., and Day.)
- Day, Harold M. (See Jayne, D. W., Day, and Erickson.)
- Day, Harold M. (See Jayne, D. W., Jr., Day, and Gieseke.)
- Day, Harold M. (See Jayne, D. W., Erickson, and Day.)
- Day, Harry S., North Benton, Ohio. Embalming apparatus. 2,328,199; Aug. 31.
- Day, J. H., Company, The. (See Schiff, Sigmund, assignor.)
- Day, Phillip E., Alhambra, Calif. Synchronizing system. 2,314,610; Mar. 23.
- Day, R. E., et al. (See Beatty, Vennie V., assignor.)
- Day, Roger O., Westfield, N. J., assignor to The Linde Air Products Company. Heat treating method. 2,326,840; Aug. 17.
- Day, Roland E., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,327,510; Aug. 24.

- Day, Roland B., and E. R. Kanhofer, assignors to Universal Oil Products Company, Chicago, Ill. Catalytic cracking. 2,323,899; July 13.
- Day, Roland B., and E. R. Kanhofer, assignors to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,325,114; July 27.
- Day, Roland B., and E. R. Kanhofer, assignors to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,325,233; July 27.
- Day, Roy C. (See De Lorimer, A. A., Black, and Day.)
- Dayhoff, Walter C., Whittier, assignor to Standard Oil Company of California, San Francisco, Calif. Method and apparatus for odorizing liquefied gas. 2,322,617; June 22.
- Dayton, Max E., Rockford, Ill. Coupler. 2,314,870; Mar. 30.
- Dayton Pump and Manufacturing Company, The. (See Crosby, Melvin A., assignor.)
- Dayton Pump & Manufacturing Company, The. (See Eickmeyer, E. E., and Horvath, assignor.)
- Dayton Pump and Manufacturing Company, The. (See Horvath, Anthony G., assignor.)
- Dayton Rubber Manufacturing Company, The. (See Bacon, Henry M., assignor.)
- Dayton Rubber Manufacturing Company, The. (See Freedlander, Abraham L., assignor.)
- Dayton Rubber Manufacturing Company, The. (See Wagner, William T., assignor.)
- Dayton, Russell W., Columbus, Ohio, assignor, by means assignments, to Norton Company, Worcester, Mass. Apparatus for smoothing surfaces. 2,332,133; Oct. 19.
- Dayton Steel Foundry Company, The. (See Walthers, G., and Miller, assignors.)
- Dayton Veneer & Lumber Mills. (See James, Oliver M., assignor.)
- Dayton, Ward D., Bloomfield, assignor to Breeze Corporation, Inc., Newark, N. J. Radio shield. 2,316,504; Apr. 13.
- Daywalt, Willa W., et al. (See King, Emory O., assignor.)
- Dawzy, Harry L. (See Perhal, Albert C., assignor.)
- Dazzo, Henry, Brooklyn, N. Y. Awning arm adjustment means. 2,321,801; June 15.
- Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Escapement type switch. 2,318,204; May 4.
- Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Selector switch. 2,330,812; Oct. 5.
- Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Telephone subscriber's set. 2,333,299; Nov. 2.
- Deakin, Gerald, assignor to International Standard Electric Corporation, New York, N. Y. Selector switch. 2,336,471; Dec. 14.
- Deakins, Grover C., Orange, Calif. Tool construction. 2,328,200; Aug. 31.
- De Albuquerque, Jose F. S., Rio de Janeiro, Brazil. Device for paper feed rollers. 2,325,234; July 27.
- Dealy, Allene Aklin, et al. (See Aklin, John H., assignor.)
- Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Diaphragm face plate. 2,309,073; Jan. 19.
- Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. End underframe construction for rail cars. 2,331,891; Oct. 19.
- Dean, Dion K., Rahway, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Condensing method. 2,313,052; Mar. 9.
- Dean, Francis H. (See Schroeder, J. H., and Dean.)
- Dean, Harry K. (See Clayton, W., Johnson, and Dean.)
- Dean, Reginald S., Washington, D. C., assignor to Chicago Development Company, Chicago, Ill. Treatment of electrolytes for the deposition of manganese. 2,316,937; Apr. 20.
- Dean, Reginald S., Washington, D. C., assignor to Chicago Development Company, Chicago, Ill. Electrodeposition of manganese. 2,317,153; Apr. 20.
- Dean, Reginald S., and C. T. Anderson, Salt Lake City, Utah, assignors to Chicago Development Company, Chicago, Ill. Alloys. 2,329,186; Sept. 14.
- Dean, Reginald S., Salt Lake City, Utah, assignor to Chicago Development Company, Chicago, Ill. Manganese alloys. 2,325,044; July 27.
- Dean, Reginald S., Washington, D. C., assignor to Chicago Development Company, Chicago, Ill. Preparation of manganese alloys. 2,329,698; Sept. 21.
- Dean, Reginald S., and C. T. Anderson, Salt Lake City, Utah, assignors to Chicago Development Company, Chicago, Ill. Copper-base alloy. 2,315,507; Apr. 6.
- Dean, Reginald S., and C. T. Anderson, Salt Lake City, Utah, assignors to Chicago Development Company, Chicago, Ill. Manganese-base alloy. 2,317,979; May 4.
- Dean, Reginald S., and C. T. Anderson, Salt Lake City, Utah, assignors to Chicago Development Company, Chicago, Ill. Magnesium-base alloy. 2,317,980; May 4.
- Dean, Roy H. (See Jackson, J. W., and Dean.)
- Dean, Roy H. (See Ward, R. N., and Dean.)
- Dean, Roy H., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Vacuum operated window regulator. 2,323,519; July 6.
- Dean, Russell T., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of beta lactone. 2,335,653; Nov. 30.
- Dean, Russell T., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Vulcanization of rubber. 2,337,802; Dec. 28.
- Dean, Wilbur J., North Kansas City, Mo. Method of and apparatus for producing dress-shield inner liners. 2,308,649; Jan. 19.
- Deane, Gerard C., New York, N. Y. Combination condenser and exp. remover. 2,322,843; June 29.
- Deane, Harold N. (See Ruttan, A., and Deane.)
- Deane, Henry N., and J. A. Doll, assignors to Simplex Time Recorder Co., Gardner, Mass. Tape time recorder with differentiated records. 2,326,765; Aug. 17.
- Deans, John. (See Van Deventer, C. H., and Deans.)
- Dearbaugh, Clifford E., Toledo, Ohio. Automatic safety switch for automotive vehicles. 2,318,989; May 11.
- Dearborn, Arthur S. (See Morgan, F. J., and Dearborn.)
- Dearborn Chemical Company. (See Gunderson, Lewis O., assignor.)
- Dearborn Chemical Company. (See Reynolds, Albert H., assignor.)
- Dearborn Chemical Company. (See Shoan, Raymond A., assignor.)
- Dearborn, Frederick E., Washington, D. C. Cosmetic preparation. 2,332,093; Nov. 2.
- Dearborn Glass Company. (See McCormick, Joseph A., Jr., assignor.)
- Dearborn, Henry C., Mason City, Ill. Machine for imparting agitation to commodities. 2,311,980; Feb. 23.
- Dearing, Le Roy M., assignor to Eastman Kodak Company, Rochester, N. Y. Color correction in multi-layer color film. 2,307,996; Jan. 29.
- Dearing, William C. (See Howard, A. M., and Dearing.)
- Dearing, William C., Toledo, Ohio. Stable formaldehyde-urea composition containing a hardening agent. 2,312,210; Feb. 23.
- Dearing, William C., and K. D. Melser, Toledo, Ohio. Formaldehyde-urea adhesive. 2,315,776; Apr. 6.
- Dearie, Denis A., assignor to North and Judd Manufacturing Company, New Britain, Conn. Attachment for bird cages. 2,309,830; Feb. 2.
- De Baek, William. (See Urschel, J. R., and de Baek.)
- De Baek, William, assignor to Chisholm-Ryder Company, Incorporated, Niagara Falls, N. Y. Viner. 2,309,650; Feb. 2.
- De Baek, William, assignor to Chisholm-Ryder Company, Incorporated, Niagara Falls, N. Y. Can draining and filling apparatus. 2,310,940; Feb. 16.
- De Baek, William, assignor to Chisholm-Ryder Company, Incorporated, Niagara Falls, N. Y. Apparatus for treating foodstuffs. 2,314,871; Mar. 30.
- De Baek, William, assignor to Chisholm-Ryder Company, Incorporated, Niagara Falls, N. Y. Apparatus for packing foodstuffs in cans. 2,319,900; May 25.
- De Baek, William, assignor to Chisholm-Ryder Company, Incorporated, Niagara Falls, N. Y. Apparatus for treating foodstuffs. 2,321,016; June 8.
- De Baek, William, assignor to Chisholm-Ryder Company, Incorporated, Niagara Falls, N. Y. Juice extractor. 2,322,701; June 29.
- De Baek, William, assignor to Chisholm-Ryder Company, Incorporated, Niagara Falls, N. Y. Can washer. 2,333,004; Nov. 2.
- De Bais, Jean H. L., East Orange, N. J., assignor, by means assignments, to Metal Carbides Corporation, Youngstown, Ohio. Roll for metal-rolling mills. 2,313,227; Mar. 9.
- De Baure, William L., Lincoln, Nebr. Method and apparatus for rectifying fluid mixtures. 2,316,056; Apr. 6.
- De Baun, James R., Flushing, N. Y., assignor to Radio Corporation of America. Electrical circuit. 2,329,339; Sept. 14.
- De Beaumont, Pierre S., Grosse Pointe, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,309,170; Jan. 26.
- De Beer, Edwin J. See Buck, J. S., and De Beer.)
- De Beers, Franklin M., Jr. (See Gray, D. M., and de Beers.)
- De Bollis, Frank, Gary, Ind. Spraying machine. 2,336,851; Dec. 14.
- De Benedictis, Aldo. (See Luten, D. B., Jr., and De Benedictis.)
- De Benedictis, Aldo, and D. B. Luten, Jr., Berkeley, assignors to Shell Development Company, San Francisco, Calif. Separating 2,3,6-trimethyl phenol. 2,336,720; Dec. 14.
- De Bengoa, Miguel B., Montevideo, Uruguay. Portable thermograph. 2,314,925; Mar. 30.
- Debicki, Alfred F., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Pocket for billiard tables. 2,314,774; Mar. 23.
- Debicki, Alfred F., Muskegon, Mich., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Fastening means for billiard table slates. 2,333,709; Nov. 9.
- De Blasio, Giuseppe, administrator, et al. (See D'Annunzio, Alfred.)
- De Bleeck, Fred B. (See Brogard, J. R., and De Bleeck.)
- De Boer, Jan H. (See Alink, R. J. H., de Boer, Klaasens, and Veenendaal.)

- De Boer, Jan H., London, England, assignor to The Hartford National Bank and Trust Company, Hartford, Conn. Flash lamp. 2,325,667; Aug. 2, 1943.
- De Bolt, Vaughn S., Washington Court House, Ohio. Turbocompressor. 2,321,276; June 8.
- De Bow, Clarence R., Jr. (See Doran, C. A., and De Bow.)
- Debrey, Michael, East Moline, Ill. Voltage regulator. 2,324,370; July 13.
- De Bruyne, Norman A., and C. A. A. Rayner, assignors, by mesne assignments, to Aero Research Limited, Duxford, England. Composite structure comprising synthetic resin, and making same. 2,317,364; Apr. 27.
- De Bry, William J., Jr., Salt Lake City, Utah. Heater pad. 2,316,505; Apr. 13.
- De Burgh, Albert R., Bellingham, Wash. Conveyor system. 2,317,675; Apr. 27.
- Décahon, Maurice, Paris, France; vested in the Alien Property Custodian. High efficiency reflector or searchlight. 2,313,192; Mar. 9.
- De Camp, Alfred J., Molina, Colo. Leakproof fuel tank projectile. 2,309,887; Feb. 2.
- Decatur Pump Company. (See Burks, Arthur W., assignor.)
- Dechind, William G. (See Arnoldi, F. O., and Dechind.)
- Decher, Siegfried. (See Franz, A., and Decher.)
- Decher, Siegfried. (See Neugebauer, F., Franz, Decher, and Meisner.)
- Deck, Eibe W., Plainfield, N. J., assignor to Union Carbide and Carbon Corporation. Blowpipe apparatus. 2,337,087; Dec. 21.
- Deckard, Charles L., Tulsa, Okla. Hinged finger adjustable pipe rack. 2,311,932; Feb. 23.
- Deckard, Charles L., Tulsa, Okla. Safety pipe rack. 2,311,933; Feb. 23.
- Decker, Alfred, & Cohn, Inc. (See Osth, Adam, assignor.)
- Decker, Alonzo G., Jr., Baltimore, Md., assignor to The Black and Decker Manufacturing Company. Bit control for percussive tools. 2,328,201; Aug. 31.
- Decker, Amiel F., Yonkers, N. Y. Exhaust device for internal combustion engines. 2,308,059; Jan. 12.
- Decker, Gustav, Berlin, Germany; vested in the Alien Property Custodian. Controlling the operation of vapor generators. 2,323,013; June 29.
- Decker, Gustav, and F. Riedel, Berlin, Germany; vested in the Alien Property Custodian. Vapor generator or boiler. 2,330,559; Sept. 28.
- Decker, John E. (See McArthur, H. A., and Decker.)
- Decker, Sol, Chicago, Ill., assignor to Setter Bros. Inc., Cattaraugus, N. Y. Method of and apparatus for manufacturing confection sticks. 2,308,538; Jan. 19.
- De Cola, Rinaldo, assignor to Belmont Radio Corporation, Chicago, Ill. Tuning system. 2,312,211; Feb. 23.
- De Cola, Rinaldo, assignor to Belmont Radio Corporation, Chicago, Ill. Radio amplifying circuit. 2,334,670; Nov. 16.
- Decorated Metal Manufacturing Company. (See Atwood, George D., assignor.)
- De Cordova, Leander. (See Blackburn, L. I., and De Cordova.)
- De Cuce, Genaro, Kenmore, N. Y., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Relay system. 2,307,576; Jan. 5.
- De Csaky, László, Tulsequah Township, British Columbia, Canada. Gas generator. 2,314,131; Mar. 16.
- Dedrick, Charles H. (See Calkner, C. L., and Dedrick.)
- Deegan, John G., Forest Hills, N. Y., assignor, by mesne assignments, to Waterman Steamship Corporation. Hatch cover and hatch cover beam. 2,332,306; Oct. 19.
- Deeley, Alfred H., Hawthorne, N. Y. Guard for shoe heels. 2,323,520; July 6.
- Deely, Carroll L., Dallas, Tex. Rotary drilling apparatus. 2,333,847; Nov. 9.
- Deem, Robert B., Philadelphia, Pa., and G. V. Thompson, assignors to Container Corporation of America, Chicago, Ill. Carton. 2,312,631; Mar. 2.
- Deems, Edward M. (See Lavarack, F. C., and Deems.)
- Deere & Company. (See Anderson, Ralph L., assignor.)
- Deere & Company. (See Anderson, R. L., and Arnold, assignor.)
- Deere & Company. (See Anderson, R. L., Frederiksen, Johnson, and Paradise, assignors.)
- Deere & Company. (See Bartek, Michael, assignor.)
- Deere & Company. (See Blaser, Wilfred A., assignor.)
- Deere & Company. (See Brown, Theophilus, assignor.)
- Deere & Company. (See Brown, T., and Court, assignors.)
- Deere & Company. (See Cantner, John I., assignor.)
- Deere & Company. (See Colvin, Nolan D., assignor.)
- Deere & Company. (See Colvin, Nolan D., and Frederiksen, assignors.)
- Deere & Company. (See Coultas, W. J., and Dort, assignors.)
- Deere & Company. (See Coultas, W. J., and Johnson, assignors.)
- Deere & Company. (See Drennan, Orville F., assignor.)
- Deere & Company. (See Esbeck, Howard C., assignor.)
- Deere & Company. (See Gamble, C. H., and Korum, assignors.)
- Deere & Company. (See Hyland, W. A., and Porgnaeber, assignors.)
- Deere & Company. (See Hyland, William A., assignor.)
- Deere & Company. (See Johnson, Theodore W., assignor.)
- Deere & Company. (See Oehler, Alvin W., assignor.)
- Deere & Company. (See Paradise, Louis A., assignor.)
- Deere & Company. (See Paradise, L. A., and Andrews, assignors.)
- Deere & Company. (See Paul, Talbert W., assignor.)
- Deere & Company. (See Pilcher, Harold W., assignor.)
- Deere & Company. (See Rasmussen, Clarence T., assignor.)
- Deere & Company. (See Rasmussen, C. T., and Bjerkan, assignors.)
- Deere & Company. (See Rasmussen, C. T., and Griff, assignors.)
- Deere & Company. (See Silver, Walter H., assignor.)
- Deere & Company. (See Silver, W. H., and Cantal, assignors.)
- Deere & Company. (See Stone, C. N., Green, and Paradise, assignors.)
- Deere & Company. (See Strandlund, Carl G., assignor.)
- Deere & Company. (See Tuft, Miles H., assignor.)
- Deere & Company. (See Tuft, M. H., and Rasmussen, assignors.)
- Deere & Company. (See Westerlund, Paul H., assignor.)
- Deere & Company. (See White, Charles H., assignor.)
- Deere, John, Tractor Company. (See Hansen, Merlin, assignor.)
- Deere, John, Tractor Company. (See Hansen, M., and Hall, assignors.)
- Deere, John, Tractor Company. (See Jirsa, Emil F., assignor.)
- Deere, John, Tractor Company. (See McCormick, Elmer, assignor.)
- Deere, John, Tractor Company. (See Worthington, Wayne H., assignor.)
- Deerwester, Charles H., Washington, D. C., and L. D. and L. D. Bedell, Harrisburg, Pa. Stabilizer. Aug. 3.
- De Falco, Joseph, Vineland, N. J. Modernistic shade and adjusting same. 2,320,852; June 1.
- Defender Photo Supply Co. (See Craft, John H., Jr., assignor.)
- Defender Photo Supply Co. (See Dense, J. C., and Craft, assignors.)
- Defender Photo Supply Co. (See Lines, F. H., and Towle, Sr., assignors.)
- Defiance Machine Works, Inc. (See Snyder, Willis J., assignor.)
- Defiance Manufacturing Company. (See Graham, Clarence T., assignor.)
- De Forest, Alfred V., Marlboro, N. H., assignor to The Baldwin Locomotive Works. Stress-strain recorder. 2,330,959; Oct. 5.
- De Florez, Engineering Co. (See Hirsch, Joel H., assignor.)
- De Florez, Luis, Pomfret, Conn. Catalytic cracking process. 2,323,206; June 29.
- De Florez, Luis, Pomfret, Conn., and E. Bach, Scarborough, N. Y.; said Bach assignor to said de Florez. Training apparatus for teaching radio navigation. 2,312,962; Mar. 2.
- De Frances, Clifford A., Moline, Ill. Utility pocket knife. 2,311,107; Feb. 16.
- De Fremery, Frank. (See Six, W., and de Fremery.)
- De Fries, Walter, Pittsburgh, Pa., assignor to Fort Pitt Bedding Company. Mattress and the like. 2,314,482; Mar. 23.
- De Ganahl, Carl, Bristol, Pa., assignor, by mesne assignments, to Reconstruction Finance Corporation. Hydraulic mechanism. 2,331,108; Oct. 5.
- De Ganahl, Carl, Bristol, Pa., assignor, by mesne assignments, to Reconstruction Finance Corporation. Hydraulic controlling valve. 2,331,109; Oct. 5.
- De Ganahl, Joe, McLean, Va. Match package. 2,310,219; Feb. 9.
- Degenhardt, Hope H., et al. executrices. (See Hawley, Charles G.)
- Deger, Thomas E. (See Olin, J. F., and Deger.)
- Degering, Edward F., West Lafayette, Ind., and A. Sprang, Cincinnati, Ohio, assignors to Purdue Research Foundation, Lafayette, Ind. Nitro glycol. 2,327,961; Aug. 24.
- Degering, Edward F., West Lafayette, and A. Sprang, Cincinnati, Ohio, assignors to Purdue Research Foundation, Lafayette, Ind. Unsaturated nitro alcohols. 2,324,482; Oct. 19.
- De Ghetto, Anselm, Clifton, N. J., assignor to National Rubber Machinery Company, Akron, Ohio. Spreader for looms. 2,321,283; June 8.
- De Ghetto, Anselm, Clifton, N. J., assignor to National Rubber Machinery Company, Akron, Ohio. Loom. 2,335,654; Nov. 30.
- Degler, Edward T., Elkins, W. Va. Trestle. 2,325,592; Aug. 3.
- De Gravelle, George A., New Iberia, La. Hose attachment. 2,316,855; Apr. 20.
- De Groot, Jan, Eindhoven, Netherlands; vested in the Alien Property Custodian. Dry-shaving apparatus. 2,334,254; Nov. 16.
- De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,330,474; Sept. 28.
- De Groote, Melvin, University City, Mo., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Ester and making same. 2,334,389; Nov. 16.

- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,307,494; Jan. 5.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,307,495; Jan. 5.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,309,243; Jan. 26.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,310,079; Feb. 9.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,324,488; July 20.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Process for breaking petroleum emulsions. 2,324,489; July 20.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,324,490; July 20.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,324,491; July 20.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,324,492; July 20.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,324,493; July 20.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,324,494; July 20.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain water-soluble high molar oxyalkylated esters and making same. 2,328,062; Aug. 31.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain water-soluble high molar oxyalkylated esters and making same. 2,329,394; Sept. 14.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain water-soluble high molar oxyalkylated esters and making same. 2,329,395; Sept. 14.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,329,699; Sept. 21.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,329,700; Sept. 21.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,329,701; Sept. 21.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,329,702; Sept. 21.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,329,703; Sept. 21.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain water-soluble high molar oxyalkylated esters and making same. 2,330,472; Sept. 28.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain water-soluble high molar oxyalkylated esters and making same. 2,330,473; Sept. 28.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,330,769; Nov. 9.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Drastically-oxidized water-insoluble oxyalkylated triricinolein and making same. 2,334,391; Nov. 16.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Water-insoluble oxyalkylated drastically-oxidized castor oil and method of making same. 2,334,390; Nov. 16.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,335,262; Nov. 30.
- De Groote, Melvin, University City, and B. Keiser, Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Certain water-soluble high molar oxyalkylated esters; and making same. 2,335,489; Nov. 30.
- De Haan, Henry, et al. (See Teitsma, William, assignor.)
- De Haas, Moyer P. (See Matheson, L. A., Hatch, and De Haas.)
- De Haven, Hugh, New York, N. Y. Cigarette holder and the like. 2,328,965; Sept. 7.
- De Havilland Aircraft Company Limited. (See Thomas, Frederick M., assignor.)
- Dehmelt, Erich, Berlin, Germany, assignor to General Electric Company. Electrical connector. 2,322,686; June 25.
- Dehn, Roy F., Cleveland, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Bending brake. 2,312,755; Mar. 2.
- Dehn, William C., Three Rivers, Mich., assignor to Fairbanks, Morse & Co., Chicago, Ill. Air cooling of engines. 2,326,335; Aug. 10.
- De Hoff, Hugh C. (See Holmes, R. L., and De Hoff.)
- De Hoffmann, Elisa S., and P. de Hoffmann, Buenos Aires, Argentina. Ring-mounted jewelry. 2,316,225; Apr. 13.
- De Hoffmann, Felix. (See De Hoffmann, Elisa S., and Felix.)
- De Hoffmann, Felix, Buenos Aires, Argentina. Lock for radio receivers or the like. 2,333,787; Nov. 9.
- De Hond, Anthonie. (See Geldermans, J. E., and de Hond.)
- Delbel, Buford C., Buechel, Ky. Tree mover. 2,319,536; May 18.
- Delbel, Cyril P. (See Delbel, C. P., and (Gray, assignor).)
- Delbel, Cyril P., Lakewood, Ohio. Dry cell battery unit. 2,307,761; Jan. 12.
- Delbel, Cyril P., Lakewood, Ohio. Forming and assembling dry cell battery units. 2,307,762; Jan. 12.
- Delbel, Cyril P., Lakewood, Ohio. Dry cell battery. 2,307,763; Jan. 12.
- Delbel, Cyril P., Lakewood, Ohio. Dry cell battery unit. 2,307,765; Jan. 12.
- Delbel, Cyril P., Lakewood, Ohio. Dry cell battery unit. 2,307,766; Jan. 12.
- Delbel, Cyril P., Lakewood, Ohio. Dry cell battery unit. 2,307,767; Jan. 12.
- Delbel, Cyril P., Lakewood, Ohio. Dry cell battery unit. 2,307,768; Jan. 12.
- Delbel, Cyril P., Lakewood, Ohio. Dry cell battery unit. 2,307,769; Jan. 12.
- Delbel, Cyril P., Lakewood, Ohio. Dry cell battery unit. 2,307,770; Jan. 12.
- Delbel, Cyril P., and O. A. Knable, Lakewood, and R. Anshutz, Cleveland, Ohio. Storage and cooling vessel. 2,307,115; Jan. 5.
- Delbel, Cyril P., and L. A. Gray, Lakewood, Ohio, said Gray, assignor to said Delbel. Dry cell battery. 2,307,764; Jan. 12.
- Delbel, Cyril P., and L. A. Gray, Lakewood, Ohio; said Gray assignor to said Delbel. Battery. 2,336,229; Dec. 7.
- Deichert, Cleo R., Beverly Hills, Calif. Maternity dress. 2,324,371; July 13.
- Deighton, Earl C., Westview, British Columbia, Canada. Grease gun cartridge. 2,318,928; May 11.
- Deike, George H., Jr., Wilkensburg, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Protective hat. 2,317,954; Apr. 27.
- Delly, Arthur T. (See Andrews, R. W., and Delly.)
- Deimel, Albert H. (See Peterson, C. D., and Deimel.)
- Deimel, Carl, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Discharge device. 2,333,710; Nov. 9.
- Deisley, Edward J., Detroit, Mich., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Bow for the tarpaulin of platform vehicles. 2,322,424; June 22.
- Deist, Joy W., Mount Lebanon, assignor to Dravo Corporation, Pittsburgh, Pa. Lifting crane. 2,315,942; Apr. 6.
- Deister Concentrator Company, The. (See Weber, Don A., assignor.)
- Deiters, Wilhelm. (See Baehr, H., and Deiters.)
- Deitz, Louis S., Jr., Westfield, N. J., assignor to Nassau Smelting & Refining Company, Incorporated, New York, N. Y. Refining of nonferrous metal fume. 2,325,176; July 27.
- De Jan, Fredrik W., New York, assignor to A. N. Mann, Scarsdale, N. Y. Method of making chlorine. 2,330,114; Sept. 21.
- De Jong, Herman, New York, N. Y., assignor to Modern Inventions Corporation. Portable electromedical apparatus. 2,327,874; Aug. 24.
- De Jong, Ralph J., Chicago, Ill., assignor, by mesne assignments, to J. J. Leishman, Los Angeles, Calif. Radio control apparatus. 2,312,239; Feb. 23.
- De Journette, Alma M., Atlanta, Ga. Drawing set. 2,323,521; July 6.
- De Journette, Alma M., Atlanta, Ga. Flat doll. 2,323,522; July 6.

- De Jur-Amsco Corporation. (See Leonard, Anthon A., assignor.)
- De Jur-Amsco Corporation. (See Leonard, A. A., and Boesel, assignors.)
- De Kadt, George S., Leeuwarden, Netherlands; vested in the Alien Property Custodian. Hardening fibrous protein material. 2,312,998; Mar. 2.
- De Kalb Agricultural Association, Inc. (See Borchers, Irvin E., assignor.)
- De Kanski, Leon M., Milan, Italy. Vibratory motion producing apparatus. 2,309,171; Jan. 26.
- De Kanski, Leon M., New York, N. Y. Vibrating processing machine. 2,309,172; Jan. 26.
- Dekema, Cecil J., Webber, Germiston, Transvaal, Union of South Africa. Progressive purification of biologically impure liquids. 2,308,866; Jan. 19.
- De Király, Paul, and J. Kucher, Budapest, Hungary; vested in the Alien Property Custodian. Automatic or repeating firearm. 2,325,484; July 27.
- Dekker, Otto, Granger, Wash. Adjustable tractor wheel mounting means. 2,324,681; July 20.
- Dekome, Arthur E., Garfield Heights, H. C. Dekome, and V. J. Sedlon, Cleveland, Ohio. Roller skate. 2,330,358; Sept. 28.
- Dekome, Herman C. (See Dekome, A. E., H. C., and Sedlon.)
- De Koning, Jacob, Treebeek, Limburg, Netherlands; vested in the Alien Property Custodian. Gravity separator for coal. 2,328,428; Aug. 31.
- De Kurowski, Julian B., London, England. Bomb dropping device adapted to be dropped from aircraft. 2,317,256; Apr. 20.
- De la Cull, Antonio F., Mexico City, Mexico. Fluid discharge nozzle. 2,321,017; June 8.
- Delahanty, Patrick J., Cliffside Park, N. J. Distillation apparatus for steam plants. 2,320,853; June 1.
- De Lamatter, William W., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Treating twister gears for wire fabric-making machines. 2,327,097; Aug. 17.
- Delamere Company. (See Huppert, William, assignor.)
- Delamere, Rudolf D., V. G. Williams, E. R. Grange, and H. Heaton, Toronto, Ontario, Canada. Targaret apparatus. 325,593; Aug. 3.
- Delamere and Williams Limited. (See Williams, Victor G., assignor.)
- De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Change speed gearing. 2,311,031; Feb. 16.
- De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Scavenging pump. 2,322,568; June 22.
- De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Mechanical movement for shifting gears. 2,322,569; June 22.
- Deland, Benjamin, Cleveland, Ohio. Dispensing device. 2,318,676; May 11.
- Delaney, James H., Los Angeles, Calif. Spreader. 2,318,064; May 4.
- De Laney, Wallace, assignor to The Faultless Rubber Company, Ashland, Ohio. Molding means. 2,323,014; June 29.
- De Lange, Cornelis, and C. L. Boucher, Eindhoven, Netherlands; vested in the Alien Property Custodian. Blocking layer cell. 2,327,511; Aug. 24.
- De Langen, Lambertus H., Haren, Netherlands; vested in the Alien Property Custodian. Filter for separating solids from liquids. 2,312,999; Mar. 2.
- De Lano, Charles E. (See Bagby, B. J., and De Lano.)
- Delano, James K., Rye, N. Y. Production of energy from pyro crystals and minerals. 2,317,523; Apr. 27.
- Delano, James K., Rye, N. Y., assignor to Delano Patents Company, Dover, Del. Supply spool feed. 2,331,662; Oct. 12.
- Delano Patents Company. (See Delano, James K., assignor.)
- De Lanty, Loren J., Spring Valley, N. Y., assignor to Sperry Products, Inc., Hoboken, N. J. Testing tubes. 2,315,943; Apr. 8.
- Delareuelle, A. H., United States Marine Corps, and H. Price, United States Navy. Radio beam training device. 2,326,766; Aug. 17.
- Delashaw, James, and F. D. Gibson, Moulton, Ala. Gin saw cleaner. 2,332,763; Oct. 2.
- De Laval Separator Company, The. (See Berwick, Frederick W., and Albert G., assignors.)
- De Laval Separator Company, The. (See Flowers, Alan E., assignor.)
- De Laval Separator Company, The. (See Hall, Selden H., assignor.)
- De Laval Separator Company, The. (See Hapgood, Cyrus H., assignor.)
- De Laval Separator Company, The. (See Lindgren, Hans O., assignor.)
- De Laval Separator Company, The. (See Scott, Walter A., assignor.)
- De Laval Separator Company. (See Zachariasson, Stig H. R., assignor.)
- Delaware Chemical Engineering Company. (See Du Pont, F. I., and Foulke, assignors.)
- Delaware Engineering Corporation. (See Moore, William E., assignor.)
- Delay, Fernand, assignor of one-half to C. A. Schmitt, Geneva, Switzerland. Time fuse for projectiles. 2,325,749; Aug. 3.
- Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Electrical terminal and terminal installation. 2,314,855; Mar. 23.
- Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Molding and like fastener and installation thereof. 2,318,840; May 13.
- Delchef, Georges, Brussels, Belgium; vested in the Alien Property Custodian. Automatic phonograph. 2,313,193; Mar. 9.
- D'Elia, Joseph A., Bridgeport, Conn. Blower for oil burners. 2,316,224; Apr. 13.
- D'Elia, Joseph A., Fairfield, Conn. Spark plug. 2,324,616; July 20.
- D'Elia, Joseph A., Bridgeport, Conn. Oil burner. 2,331,663; Oct. 12.
- Deline, Irving A., Denver, Colo. Cartridge box. 2,335,490; Nov. 30.
- Deline, Irving A., Denver, Colo. Box partition machine. 2,337,803; Dec. 28.
- De Lisle, Harold L., Sheboygan, Wis.; W. H. Murphy, executor. Beam compass. 2,331,892; Oct. 19.
- Delite Fabrics, Inc. (See Woodward, Burton S., assignor.)
- Dell, Edward F. (See Breman, F. J., and Dell.)
- Dell, James A. (See Deane, H. N., and Dell.)
- Del Llano, Jose S., assignor of one-fourth to Ricardo M. Feiler, Habana, Cuba. Closure for non-refillable containers. 2,318,352; May 4.
- Delinger Manufacturing Company. (See Sensenig, Miles L., assignor.)
- Delmonte, Jack, Park Ridge, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Making strain-relief structure. 2,319,537; May 18.
- Delmonte, Jack, Glendale, Calif., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Lubricated bearing for motors and the like. 2,327,098; Aug. 17.
- Delmore, Randolph B. (See Robinson, Van K., assignor.)
- De Long, Herbert K. (See Loose, W. S., and De Long.)
- De Long, Herbert K., assignor to The Dow Chemical Company, Midland, Mich. Coloring protective coating on magnesium and its alloys. 2,310,487; Feb. 9.
- De Long, Herbert K., assignor to The Dow Chemical Company, Midland, Mich. Treating magnesium and its alloys. 2,322,205; June 22.
- De Long, Raleigh, assignor of forty percent to Fohs Oil Company, Houston, Tex. Side wall coring tool. 2,324,682; July 20.
- De Long, Kenneth A. (See Eash, J. T., and De Long.)
- De Lorimer, Alfred A., Washington, D. C., L. F. Black, Denver, Colo., and R. C. Day, Fort Knox, Ky. Method and means for localizing foreign bodies. 2,329,187; Sept. 17.
- Del Pesto, Andrew D. A., Danielson, Conn. Foot measuring machine. 2,331,177; Oct. 5.
- Delray Manufacturing Company. (See Duffy, Thomas I., assignor.)
- Del Riccio, Lorenzo, Los Angeles, Calif. Camera. 2,320,350; June 1.
- Del Riccio, Lorenzo, Los Angeles, Calif. Motor control apparatus. 2,327,581; Aug. 24.
- Delson, Louis E., Chicago, Ill. War bond credit ration wallet with envelopes. 2,318,677; May 11.
- Delta Manufacturing Company. (See Tautz, Herbert E., assignor.)
- Delta Nozzle Corp. (See Lewis, John O., assignor.)
- Delta Star Electric Company. (See Cornell, E. S., Fjellstedt, and Killian, assignors.)
- Delta Star Electric Company, The. (See Hampton, W. O., and Cornell, assignors.)
- De Lubicz-Bakanowski, Zygmunt, F. J. Minns, and G. W. G. Norman, assignors to The Swift Rifle Company Limited, Gifford, England. Target carrying stand. 2,335,393; Nov. 30.
- De Luca, Anthony. (See Russell, James H., assignor.)
- De Luca, Donald, Glendale, assignor to D. S. Garber, Van Nuys, Calif., as trustee. Ladder. 2,316,939; Apr. 20.
- De Luiz, Edward R., Highland Park, Mich. Washing machine. 2,308,678; Jan. 19.
- Demann, Clemens E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,312,883; Mar. 2.
- DeMarco, Joseph J., Pawtucket, R. I. Shirt. 2,332,134; Oct. 19.
- De Maré, Baltzar E. L., Germantown, Pa. Apparatus for converting high-phosphorus pig iron into high-grade low-phosphorus steel. 2,322,618; June 22.
- Demarest, Daniel D., New York, N. Y., C. Berendt, East Orange, and W. Karius, Irvington, N. J., assignors to Automatic Linker, Inc., Newark, N. J. Switch control device. 2,307,361; Jan. 5.
- Demarest, William G., New York, N. Y. Building tile. 2,316,319; Apr. 13.
- De Markus, Louis, Blawnox, and L. Buehler, Jr., assignors to Frick Company, Waynesboro, Pa. Refrigeration apparatus. 2,333,154; Nov. 2.
- De Mask, Martin J., Pittsfield, Mass., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Power distribution system. 2,334,610; Nov. 23.

18. Matting, Peter, Passaic, N. J. Hydraulic drive. 2,318,065; May 4.
- Deniers, Isaac J. B., St. Paul, Minn., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Milk can. 2,320,174; May 25.
- Deniers, Isaac J. B., St. Paul, Minn., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Bottle crate. 2,334,161; Nov. 16.
- Deniers, Isaac J. B., St. Paul, Minn., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Strainer. 2,336,348; Dec. 7.
- Demeulenere, Marcel and Robert, Flushing, N. Y. Automatic dial operator. 2,318,167; May 4.
- Demeulenere, Robert. (See Demeulenere, Marcel and Robert.)
- De Michells, Peter, San Francisco, Calif. Boat. 2,337,376; Dec. 21.
- De Michells, Peter, assignor of one-half to P. J. Feykert, San Francisco, Calif. Propulsion mechanism. 2,310,220; Feb. 9.
- Demies, Frank I., Chicago, Ill. Calcimine washing machine. 2,335,491; Nov. 30.
- Deming, Clarence E., Worthington, Minn. Game carrier. 2,324,495; July 20.
- Deming, George M., Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Aircraft breathing regulator. 2,310,189; Feb. 2.
- Demjen, István. (See Földi, Z., Gerecs, Demjen and Kónik.)
- Demond, Charles P., Boise, Idaho. Land leveling apparatus. 2,333,988; Nov. 9.
- De More, Leonel A. (See Muma, G. E., and De More.)
- De More, Leonel A., Oak Park, assignor to Batavia Body Company, Incorporated, Batavia, Ill. Refrigerated vehicle body. 2,330,339; Sept. 28.
- Dempsey, Henry J., Elizabeth, N. J., assignor to Standard Oil Development Company. Use of bauxite to improve the odor of petrolatum. 2,320,223; May 25.
- Dempsey, Lawrence E., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Lamp mounting for bicycles. 2,323,900; July 13.
- Dempsey, Lawrence E., Oak Park, Ill., and R. F. Skerl, Euclid, Ohio, assignors of one-half to Sears, Roebuck and Co., Chicago, Ill., and one-half to The Murray Ohio Manufacturing Co., Cleveland, Ohio. Cabinet construction. 2,311,645; Feb. 23.
- Dempsey, Lawrence E., Oak Park, and M. A. Blu, Riverside, assignors to Sears, Roebuck and Co., Chicago, Ill. Bicycle construction. 2,333,642; Nov. 9.
- Dempsey, Michael J., assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Tube extrusion apparatus. 2,337,804; Dec. 28.
- Dempsey, Robert M., assignor to Shull Perforating Co., Inc., Long Beach, Calif. Dumping baller. 2,322,425; June 22.
- Demuth, Galan W., Westville, N. J., assignor to Radio Corporation of America. Piano construction. 2,307,454; Jan. 5.
- Demuth, Galan W., Moorestown, N. J., assignor to Radio Corporation of America. Electric carillon. 2,321,366; June 8.
- De Muyser, Alfred, Luxembourg, Luxembourg; vested in the Alien Property Custodian. Retractable landing gear for airplanes. 2,328,844; Oct. 26.
- Denbin, Adolph G., Baltimore, Md. Trolley conductor support. 2,329,340; Sept. 14.
- Dence, Donald S. (See Lapsley, R., and Dence.)
- Dench, Edward C. (See Hardy, A. C., Wurzburg, Jr., and Dench.)
- Dench, Edward C., South Orange, N. J. Photoelectric-controlled gas-discharge tube. 2,316,772; Apr. 20.
- Dench, Edward C., South Orange, N. J. Electric discharge tube. 2,316,773; Apr. 20.
- Denequoio, Joseph, Jr. (See Garber, J. R., and Denequoio.)
- Dengel, Ferdinand. (See Kraft, K., and Dengel.)
- Denhof, Harold H., New York, N. Y. Apparatus for dyeing threads or yarns for textile machines and the like. 2,310,764; Feb. 9.
- Denigan, Edward P., assignor to Blaw-Knox Company, Pittsburgh, Pa. Fluid supply apparatus. 2,331,462; Oct. 12.
- Denison, Frederick S. (See Shipley, S. C., Cyr, and Denison.)
- Denison, Walter A. (See Stoops, W. N., and Denison.)
- Denison, William C., Jr. (See Emerson, W. H., and Denison.)
- Denison, William E., assignor to Ditto, Incorporated, Chicago, Ill. Moistening mechanism. 2,313,127; Mar. 9.
- Denman, Earl W., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Ventilating unit. 2,323,178; June 29.
- Denman, Harry B., assignor to Detroit Gasket & Mfg. Co., Detroit, Mich. Sheet metal sound damping material. 2,325,594; Aug. 3.
- Denman, John R., South Plainfield, N. J. Antislip mat. 2,327,624; Aug. 24.
- Denneen, Francis S. (See Dunn, W. C., and Denneen.)
- Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Apparatus for hardening tapered articles. 2,309,631; Feb. 2.
- Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Controlling inductive heating. 2,315,508; Apr. 6.
- Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Apparatus for heat treating. 2,315,509; Apr. 6.
- Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Adjustable heating apparatus. 2,318,468; May 4.
- Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Progressive heat treating. 2,329,188; Sept. 14.
- Denner, Francis H., Dover, N. J. Fuse. 2,320,351; June 1.
- Denning, Paul S., assignor to F. E. Schundler & Co., Inc., Joliet, Ill. Making refractory insulating blocks. 2,311,588; Feb. 16.
- Dennington, Arthur R., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Food treatment and/or storage apparatus. 2,315,285; Mar. 30.
- Dennis, Adolphus S., Oakland, Calif., assignor to Friden Calculating Machine Co., Inc. Typewriter. 2,331,827; Oct. 12.
- Dennis, Charles E., Jackson Heights, N. Y., and A. Heinz, Irvington, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. System for testing resonant networks. 2,320,175; May 25.
- Dennis, Charles R., Brookfield, Ill. Cutter. 2,332,307; Oct. 19.
- Dennis & Company, W. J. (See Kreuscher, George A., assignor.)
- Dennis, Edwin L., Reserve, La. Rotary gas burner. 2,327,512; Aug. 24.
- Dennis, Martin, Company, The. (See Bersworth, Frederick C., assignor.)
- Dennis, Martin, Company, The. (See Klebsattel, Charles A., assignor.)
- Dennis, Raymond L., Grand Rapids, Mich., assignor of one-half to Perkins Glue Company, Lansdale, Pa. Veneer gluing machine. 2,317,446; Apr. 27.
- Dennis, Robert N., Brooklyn, N. Y. Folding stereoscope. 2,334,483; Nov. 16.
- Dennis, W. J., & Company. (See Balousek, William E., assignor.)
- Dennis, Wolcott, Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of liquid carbon dioxide. 2,325,045; July 27.
- Dennison, Brook J., Aspinwall, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass insulation unit. 2,310,402; Feb. 9.
- Dennison, Brook J., Aspinwall, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Waterproof adhesive composition. 2,317,691; Apr. 27.
- Dennison, Brook J., Aspinwall, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Modified vinyl plastic. 2,322,571; June 22.
- Dennison, Brook J., Aspinwall, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Laminated gluing panel. 2,326,263; Aug. 10.
- Dennison Manufacturing Company. (See Flood, Carl A., assignor.)
- Dennison Manufacturing Company. (See Hastings, Dana B., assignor.)
- Dennison Manufacturing Company. (See McGovern, Henry P., assignor.)
- Dennison Manufacturing Company. (See Phelan, Louis V., assignor.)
- Denniston, Adolph L. (See Lorenz, R. L., Ostler, and Denniston.)
- Dennstedt, Ingofroh. (See Meisenburg, K., Dennstedt, and Zaucker.)
- Dennstedt, Ingofroh, Cologne-Buchforst, Germany, assignor, by mesne assignments, to Jasco, Incorporated. Synthetic rubberlike latices. 2,323,313; July 6.
- Denny, Albert A., Sewickley, Pa. Gate. 2,322,283; June 22.
- Denny, Eugene R. (See Sisk, Fannie, assignor.)
- Denny, Frank E., assignor to Boyce Thompson Institute For Plant Research, Inc., Yonkers, N. Y. Fruit preservation. 2,336,928; Dec. 14.
- Denny, Harry W., deceased; R. M. Denny, administratrix, assignor of one-half to A. E. Stein, one-fourth to M. V. Denny, and one-fourth to R. M. Denny, Wichita, Kans. Safety razor blade holder. 2,325,485; July 27.
- Denny, Marshall V., et al. (See Denny, Harry W., assignor.)
- Denny, Ruth M., administratrix, et al. (See Denny, Harry W.)
- De Nooi, Jan C., and E. Bleibler, Ghent, Belgium; vested in the Alien Property Custodian. Continuously forming cellulose films, staple fibers, and artificial silk. 2,319,305; May 18.
- Dense, Jack C., and J. H. Craft, Jr., assignors to Defender Photo Supply Co., Inc., Rochester, N. Y. Package sealing and opening means. 2,321,066; June 8.
- Densten, Ulysses G., Haddon Heights, N. J., assignor to Strong Manufacturing Company, Portland, Oreg. Fluid control valve. 2,313,128; Mar. 9.

- Dent, Harry M., Miami, Fla., S. H. Hall, Kenmore, and L. A. Sontag, assignors to Durez Plastics & Chemicals, Inc., North Tonawanda, N. Y. Making moldable thermosetting compositions. 2,309,342; Jan. 26.
- Dent, Herbert, Chicago, Ill. Manufacture of lamp shades. 2,316,568; Apr. 13.
- Dent, Herbert, Chicago, Ill. Machine for forming wire reinforced tape. 2,323,429; Aug. 31.
- Dent, Roy (See Levine, A. A., and Dent.)
- Dent, William C., assignor to Baxters (Bolts, Screws & Rivets) Limited, Birmingham, England. Machine for setting or driving rivets and the like. 2,323,015; June 29.
- Dent, William C., assignor to Baxters (Bolts, Screws & Rivets) Limited, Birmingham, England. Machine for setting or driving rivets and the like. 2,323,016; June 29.
- Dent, William C., assignor to Baxters (Bolts, Screws & Rivets) Limited, Birmingham, England. Machine for setting or driving rivets and the like. 2,323,017; June 29.
- Dental Research Corporation. (See Erdle, Reiner W., assignor.)
- Denny, E. G., et al. (See Eddy, Arnold, assignor.)
- Dentists' Supply Company, The. (See Saffir, Jacob A., assignor.)
- Dentists' Supply Company of New York, The. (See Dietz, Charles, assignor.)
- Dentists' Supply Company of New York, The. (See Lee, F. W., and Dietz, assignors.)
- Dentists' Supply Company of New York, The. (See Thornton, H. M., and Dietz, assignors.)
- Denton, George A., Flagstaff, Ariz. Automatic beverage brewer. 2,315,777; Apr. 6.
- Denton, Jess R., Brevard, N. C., assignor to Ecusta Paper Corporation. Improving the quality of paper. 2,319,800; May 25.
- Denton, Lawrence, Wheaton, and H. G. Evers, Chicago, Ill., assignors to Automatic Electric Laboratories, Inc. Telephone system. 2,333,474; Nov. 2.
- Denton, William T. and H. D. Goetze, Los Angeles, and E. W. Morris, Santa Monica, Calif., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Carrier current communication system. 2,307,771; Jan. 12.
- Denyés, Russell O., Pittsburgh, Pa., assignor to Tubize Chatillon Corporation. Artificial filament and the like. 2,310,221; Feb. 9.
- Denyés, Russell O., Pittsburgh, Pa., assignor to Tubize Chatillon Corporation. Glycinin derivative. 2,333,526; Nov. 2.
- Denyés, Russell O., and B. B. Allen, Pittsburgh, Pa., assignors to Tubize Chatillon Corporation. Artificial filament. 2,333,527; Nov. 2.
- De Orlow, Stephen, Detroit, assignor to Hancock Manufacturing Company, Jackson, Mich. Hinge structure. 2,317,892; Apr. 27.
- Department of Financial Institutions, State of Indiana, executor. (See Davis, H. E., and Werner.)
- Depew, Charles. (See Bishop, W. M., Depew, Gronros, and Ronci.)
- Depew, Charles, Oakland, N. J., W. Gronros, New York, and V. L. Ronci, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,320,120; May 25.
- De Paw, Chester C. (See Gregory, A. T., and De Paw.)
- De Paw, Chester C., assignor to Fairchild Engine and Airplane Corporation, Farmingdale, N. Y. Aeronautical engine. 2,322,281; June 29.
- Depew, Harlan A. (See Elde, A. C., and Depew.)
- De Phillips, Henry A. (See Cascio, D., and Koch, assignors.)
- Deppo, Joseph A. (See Nystrom, K. F., and Deppo.)
- Doppel, John H., Weehawken, N. J., assignor to Metal & Thermite Production Works, N. Y. Aluminothermic method and articles of manufacture. 2,337,314; Dec. 21.
- Deputy, Horace E., Brooklyn, Mich. Method of bonding ferrous and nonferrous metals. 2,328,788; Sept. 7.
- Derby, Elmer R. (See Brooks, J. C., and Derby.)
- Derby, Elmer R. (See Levine, H. P., and Derby.)
- Derby, Elmer R., Springfield, Mass., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Plasticized polyvinyl acetal resin. 2,312,963; Mar. 2.
- Derby, Elmer R., Springfield, Mass., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Resin composition. 2,325,177; July 27.
- Derby, Elmer R., Springfield, Mass., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Plasticized resin. 2,325,178; July 27.
- Derby, Elmer R., Springfield, Mass., and F. A. Parkhurst, Sufield, Conn., assignors to Monsanto Chemical Company, St. Louis, Mo. Method and apparatus for producing sheet material. 2,318,468; May 4.
- Derby Sealers, Incorporated. (See Krueger, Alfred P., assignor.)
- De Reamer, William J., Crown Point, assignor to Mapes Consolidated Manufacturing Company, Griffith, Ind. Device for use in packing cans and the like. 2,314,198; Mar. 16.
- Deren, Pincus. (See Birdseye, C., and Deren.)
- De Rentia, Augusto, Prospect Park, Pa. Spinning machine. 2,308,493; Jan. 19.
- De Rentia, Augusto, Prospect Park, Pa. Forming die set. 2,309,632; Feb. 2.
- De Rentia, Augusto, Prospect Park, Pa. Resizing and shaving die set. 2,324,496; July 20.
- De Rentia, Augusto, Prospect Park, Pa. Force measuring device. 2,324,497; July 20.
- De Rentia, Augusto, Prospect Park, Pa. Spinning and torque measuring machine. 2,325,046; July 27.
- Derge, Gerhard, Aspinwall, assignor to Carnegie Institute of Technology, Pittsburgh, Pa. Rapid direct analysis of oxygen in steel. 2,336,075; Dec. 7.
- Derham, Philip A., and J. H. Newport, Jr., Rosemont, Pa., assignors to Victor Metal Products Corporation, Brooklyn, N. Y. Inhaler. 2,310,681; Feb. 9.
- Derham, Philip A., and J. H. Newport, Jr., Rosemont, Pa., assignors to Victor Metal Products Corporation, Brooklyn, N. Y. Combined cap and auxiliary container. 2,320,070; May 25.
- Derman, Harry, Laurelton, Long Island, N. Y. Cornice for windows. 2,332,207; Oct. 19.
- Derman, Harry, Laurelton, Long Island, N. Y. Collapsible lamp. 2,337,154; Dec. 21.
- Dermond, Lawrence C., and Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Engine starting apparatus. 2,326,125; Aug. 10.
- Dermond, Lawrence C., and H. A. Thornburg, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Electric switch. 2,336,721; Dec. 14.
- De Rochefort, Nancy, Chaudé, assignor to one-third to A. Voelke, Buenos Aires, Argentina. Producing signs in space. 2,308,060; Jan. 12.
- De Roo, William C. (See Heasley, L. E., and De Roo.)
- De Roo, William C., assignor to Hart & Cooley Manufacturing Company, Holland, Mich. Grille bar key. 2,314,034; Mar. 16.
- De Rosa, Louis A., Dayton, Ohio. Pseudo-extension of frequency bands. 2,315,248; Mar. 30.
- De Rosa, Louis A., Dayton, Ohio. Pseudo-extension of frequency bands. 2,315,249; Mar. 30.
- Derr, Willard A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,314,692; Mar. 23.
- Derr, Willard A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Supervisory control and telemetering system. 2,327,251; Aug. 17.
- Derrick, Oscar L., assignor of five-twelfths to D. H. Bolin, and four-twelfths to H. L. Rugely, Wichita Falls, Tex. Roller drive for Kelley joints. 2,312,323; Mar. 2.
- Derrick, Oscar L., assignor of five-twelfths to D. H. Bolin, and four-twelfths to H. L. Rugely, Wichita Falls, Tex. Guide for Kelly bars. 2,312,804; Mar. 2.
- Dersheim, Herbert L., near Yellow Springs, Ohio. Jig. 2,311,435; Feb. 16.
- Derungs, Ernest A., Neuilly sur Seine, France; vested in the Alien Property Custodian. Control system for motor vehicles. 2,325,483; July 27.
- Desagnot, Gaston, New York, N. Y. Decorative wall covering. 2,308,650; Jan. 19.
- De Sart, Albert W., Sr., assignor to United Acoustigraph Corporation, Los Angeles, Calif. Combination sound recorder and reproducer. 2,332,784; Oct. 26.
- De Sart, Albert W., Sr., assignor to United Acoustigraph Corporation, Los Angeles, Calif. Sound recorder and reproducer. 2,335,586; Nov. 30.
- Deschamps, Wilfred, Detroit, Mich. Beds pivoted to assume an upright position. 2,307,920; Jan. 12.
- Descom, Marius, Saint-Etienne, France; vested in the Alien Property Custodian. Frame for cycles and the like. 2,330,560; Sept. 28.
- De Sherbinin, William N., Mount Kisco, N. Y. Film file. 2,311,646; Feb. 23.
- De Sherbinin, William N., Mount Kisco, N. Y. Device for viewing transparent objects. 2,313,737; Mar. 16.
- De Sherbinin, William N., Mount Kisco, N. Y. Film file. 2,334,176; Nov. 16.
- De Slone, William J., Union Springs, N. Y. Spar. 2,326,280; Aug. 10.
- Design Laboratories, Incorporated. (See Wilson, Edwin B., assignor.)
- De Simó, Martin, Piedmont, F. M. McMillan and H. A. Cheney, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalyst and preparation thereof. 2,313,053; Mar. 9.
- De Simó, Martin, Piedmont, F. M. McMillan and H. A. Cheney, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalytic isomerization of saturated hydrocarbons. 2,313,054; Mar. 9.
- De Simó, Martin, Piedmont, and F. M. McMillan, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Catalytic isomerization of saturated hydrocarbons. 2,327,593; Aug. 24.
- Desjardins, Edgar C. (See Ferguson, F. A., and Desjardins.)
- Des Jardins, Edmund L., Chicago, Ill. Safety razor. 2,319,980; May 25.
- Desjardins, Joseph. (See James, T. R., and Desjardins.)
- Des Jardins, Wilfred H., Fullerton, Calif. Collar support. 2,324,617; July 20.

- De Smidt, Woodrow A., G. O. Wilms, and W. F. Steenweg, assignors to Allen-Bradley Company, Milwaukee, Wis. Push button control station. 2,307,258; Jan. 5.
- Desmonds, Albert N., assignor to Real Silk Hosiery Mills, Inc., Indianapolis, Ind. Stocking. 2,324,256; July 13.
- Desmone, John A. (See Knudsen, P. E., and Desmone.)
- Desmone, John A. (See Nichols, R., and Desmone.)
- Despard, Victor R., assignor to Pass & Seymour, Inc., Solvay Station, Syracuse, N. Y. Duplex convenience outlet. 2,319,801; May 25.
- Despard, Victor R., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Socket for fluorescent lamps. 2,324,083; July 20.
- Despard, Victor R., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Outlet box clamp. 2,326,841; Aug. 17.
- Despard, Victor R., Syracuse, assignor to Pass & Seymour, Inc., Solvay Station, Syracuse, N. Y. Outlet box. 2,329,109; Sept. 7.
- Despois, Robert L. (See Goissedet, P. E. C., and Despois.)
- Despres, Marcel, Grand Rapids, Mich. Chair. 2,308,328; Jan. 12.
- Despres, Marcel, Grand Rapids, Mich. Dowel machine. 2,312,884; Mar. 2.
- Dessart, Franklin M., New York, N. Y. Sanitary seal for drinking cups. 2,321,284; June 8.
- Dessauer, John. (See Yauk, E. C., and Dessauer.)
- Dessauer, John, Irondequoit, assignor to The Halord Company, Rochester, N. Y. Dyeing photographic silver halide emulsions. 2,317,257; Apr. 20.
- De Staehler, Herbert C., Kirkwood, Mo. Testing protective coating. 2,322,229; June 22.
- De Stefano, John, Jackson Heights, N. Y. Windshield safety guard. 2,328,263; Aug. 31.
- De Stefano, John, Jackson Heights, N. Y. Aircraft windshield safety guard. 2,328,305; Aug. 31.
- De Swart, Jan, Los Angeles, assignor of one-half to C. B. Jamison, Beverly Hills, Calif. Capping bottles. 2,325,309; July 27.
- Detachable Bit Company. (See Rea, Walter C., assignor.)
- De Tar, Donald R., Stratford, Conn., assignor to General Electric Company. Automatic record changer. 2,333,414; Nov. 2.
- Deters, John A., Chicago, Ill. Time controlled mechanism. 2,335,919; Dec. 7.
- Dethridge, Kenneth G., South Yarra, near Melbourne, Victoria, Australia. Variable speed power transmission mechanism. 2,320,854; June 1.
- Detrick, Edward R. (See Bolen, E. P., and Detrick.)
- Detrick, Edward R., assignor to National Automotive Fibres, Inc., Detroit, Mich. Trim panel. 2,334,811; Nov. 23.
- Detrick, M. H., Company. (See Hosbelen, Louis H., assignor.)
- Detrick, Stanley R., and C. R. Brandt, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic pigments. 2,334,812; Nov. 23.
- Detroit Edison Company, The. (See Matthews, George A., assignor.)
- Detroit Edison Company, The. (See Turner, Charles S., assignor.)
- Detroit Gasket & Mfg. Company. (See Balfe, George T., assignor.)
- Detroit Gasket & Mfg. Co. (See Denman, Harry B., assignor.)
- Detroit Harvester Company. (See Floraday, Burton S., assignor.)
- Detroit Harvester Company. (See Kost, Harold W., assignor.)
- Detroit Harvester Company. (See Simpson, H. W., and Abgarian, assignors.)
- Detroit Lubricator Company. (See Carter, Franklin Y., assignor.)
- Detroit Lubricator Company. (See Dillman, Earnest J., assignor.)
- Detroit Lubricator Company. (See Foulds, A. K., and Russel, assignors.)
- Detroit Lubricator Company. (See Landon, Walter S., assignor.)
- Detroit Lubricator Company. (See Landon, W. S., and Russel, assignors.)
- Detroit Lubricator Company. (See Russel, Philip S., assignor.)
- Detroit Rex Products Company. (See Dinley, Clarence F., assignor.)
- Detroit Stamping Company. (See Jannisse, L. L., and Spencer, assignors.)
- Detrie, Lawrence E., assignor to Rock Ola Manufacturing Corporation, Chicago, Ill. Record blank supporting arbor and assembly device. 2,330,411; Sept. 28.
- Dettmer, Albert B., assignor to The K-D Lamp Company, Cincinnati, Ohio. Rear view mirror and bracket. 2,310,353; Feb. 9.
- Deubel, Justin A., Milwaukee, and W. R. Miller, Whitefish Bay, assignors to Perfex Corporation, Milwaukee, Wis. Fuel burner system. 2,322,792; June 20.
- Deubel, Justin A., Milwaukee, and W. R. Miller, Whitefish Bay, assignors to Perfex Corporation, Milwaukee, Wis. Control system. 2,326,787; Aug. 17.
- Deubener, Walter H., St. Paul, Minn. Home paper presser. 2,321,602; June 15.
- Deubler, Louis H., Jr., Chicago, Ill. Universal drill vise. 2,315,318; Mar. 30.
- Denel, Clyde, assignor to E. Westberg, H. Naftalin, and L. L. Svarthe, Los Angeles, Calif., as trustees. Concrete building structure and making the same. 2,337,743; Dec. 28.
- Deuring, William G., Cleveland, Ohio. Overhead sliding door. 2,323,551; July 6.
- Deuring, William G., Cleveland, Ohio. Garage door hanger. 2,327,026; Aug. 17.
- Densch, Theodore W., Magnolia, N. J. Tie bar. 2,312,081; Feb. 23.
- Deuth, Albert F. (See Cole, C. C., and Deuth.)
- Deusch, Hans. (See Herrmann, W. O., Haehnel, and Deutsch.)
- Deutsch, Leo E., Hammond, Ind. Lock. 2,325,310; July 27.
- Deutscher, Samuel, Brooklyn, N. Y. Machine for treating furs. 2,314,971; Mar. 30.
- De Valera, Ernest G., New York, N. Y. Circuit controlling means. 2,323,459; July 6.
- De Vault, Aylett F., Nichols, assignor to Tilo Roofing Company, Inc., Stratford, Conn. Method of making asbestos cement shingles. 2,307,733; Jan. 12.
- De Vault, Aylett F., Nichols, assignor to Tilo Roofing Company, Inc., Stratford, Conn. Ceramic shingle. 2,307,734; Jan. 12.
- De Vaut, Basil P., Arcadia, Calif. Vegetable slicer. 2,309,441; Jan. 26.
- De Vellier, William A., New York, N. Y. Screw. 2,322,569; June 22.
- De Vellier, William A., New York, N. Y. Screw driver. 2,323,018; June 29.
- De Vellier, William A., New York, N. Y., assignor to New Process Screw Corporation, Waterville, Conn. Screw and its manufacture. 2,314,391; Mar. 23.
- De Vellier, William A., Newark, N. J., assignor to New Process Screw Corporation, Waterville, Conn. Method and apparatus for rolling screws. 2,314,390; Mar. 23.
- Dever, Henry F. (See Miller, L. B., and Dever.)
- Deverall, Charles N., Buffalo, assignor to Niagara Blower Company, New York, N. Y. Unit air conditioner. 2,310,222; Feb. 9.
- Devereaux, William C., Detroit, Mich. Latch mechanism. 2,319,551; May 25.
- Devereux, Andrew R., Chicago, Ill., assignor to Goldsmith Bros. Smelting & Refining Company. Osmium compositions. 2,312,324; Mar. 2.
- De Villiers, Company, The. (See Schmitt, Joy B., assignor.)
- De Villiers, Edmund J., assignor to White Castle System, Inc., Columbus, Ohio. Paper cap-forming machine. 2,313,628; Mar. 9.
- De Vries, Charles B., Ferndale, Mich. Boring tool. 2,330,692; Sept. 28.
- De Vlieg, Charles B., Detroit, assignor to Le Maire Tool & Manufacturing Company, Dearborn, Mich. Automatic grinder. 2,314,183; Mar. 23.
- De Vlieg, Gerard A., Rockford, Ill. Grinding tool dresser. 2,313,055; Mar. 9.
- De Vlieg, Gerard A., Rockford, Ill. Spindle construction. 2,317,981; May 4.
- Devlin, Henry, assignor to Baker Perkins Inc., Saginaw, Mich. Variable face cam. 2,317,740; Apr. 27.
- Devos & Reynolds Co. (See Earhart, K. A., and Rabin, assignors.)
- Devol, Manson L. (See Adams, F. W., and Devol.)
- Devol, Manson L., Wilkesburg, P. W. Crist, Pittsburgh, and E. J. Hazen, Ford City, Pa., assignors to Pittsburgh Plate Glass Company. Method and apparatus for surfacing glass. 2,309,831; Feb. 2.
- Devore, Robert W., and B. H. Young, Chicago, Ill. Molded propeller. 2,325,394; Nov. 30.
- De Vries, Margaret, Roslyn Heights, N. Y. Convertible doll. 2,325,750; Aug. 3.
- De Vry Corporation. (See de Vry, Herman A., and Nemeth, assignors.)
- De Vry, Herman A., and O. R. Nemeth, assignors to De Vry Corporation, Chicago, Ill. Star wheel. 2,332,509; Oct. 26.
- De Vry, Irving, and W. P. Aguirre, Tucson, Ariz. Loading and unloading mechanism for trucks. 2,308,648; Jan. 19.
- Dewald, Edward A., Massillon, Ohio, assignor, by mesne assignments, to The Babcock & Wilcox Company, Newark, N. J. Tube expander. 2,319,216; May 18.
- Dewald, Edward A., Massillon, Ohio, assignor to The Griscom-Rustad Company, New York, N. Y. Heat exchanger. 2,322,284; June 22.
- De Walt Products Corporation. (See Gardner, Wallace W., assignor.)
- De Walt Products Corporation. (See Mowery, J. R., Jr., and Gardner, assignors.)
- Dewandre, Albert, Brussels, Belgium; vested in the Alien Property Custodian. Hydraulically and pneumatically controlled mount for automatic guns. 2,316,320; Apr. 13.
- Dewees, Alvin G., Philadelphia, Pa. Reconditioning yarn cones. 2,322,350; June 22.
- Dewes, Norman E. (See Staff, C., and Dewes.)
- Dewey and Almy Chemical Company. (See Carey, Charles A., assignor.)
- Dewey and Almy Chemical Company. (See Casey, Francis B., assignor.)

- Dewey and Almy Chemical Company. (See Lanigan, Francis W., assignor.)
- Dewey and Almy Chemical Company, et al. (See Lanigan, F. W., and Cass, assignors.)
- Dewey and Almy Chemical Company. (See Lanigan, F. W., and Mark, assignors.)
- Dewey and Almy Chemical Company. (See McCormie, J. H. A. S., and Wood, assignors.)
- Dewey and Almy Chemical Company. (See Neiley, S. B., and Habib, assignors.)
- Dewey and Almy Chemical Company. (See Ross, William C., assignor.)
- Dewey, Benjamin F. (See Stettinius, K. E., and Dewey.)
- Dewey, Clarence L. (See Darner, F. M., C. L. and S. L. Dewey.)
- Dewey, Clarence L., Elkhart, Ind. Stand desk lamp. 2,331,893; Oct. 19.
- Dewey, David B., Pasadena, and G. W. Meyer, assignors, by mesne assignments, to The Fluor Corporation, Ltd., Los Angeles, Calif. Blower control for mechanical draft cooling towers. 2,316,940; Apr. 20.
- Dewey, Frederick L., Canton, Ill., assignor to International Harvester Company. Tractor attached implement. 2,319,492; May 18.
- Dewey, Ritchie P., assignor to Barber-Colman Company, Rockford, Ill. Motor control. 2,310,941; Feb. 16.
- Dewey, Sydney L. (See Darner, F. M., C. L. and S. L. Dewey.)
- Dewire, Donald S., Delmar, N. Y., assignor to American Telephone and Telegraph Company. Telephone system. 2,337,875; Dec. 28.
- De Wit, Hendrik P., Casigua, Venezuela, assignor to Shell Development Company, San Francisco, Calif. Gas-lift control. 2,326,442; Aug. 10.
- De Witt, Guy W., Utica, N. Y. Preformed strip for joining transverse joints. 2,321,067; June 8.
- De Witt, William J., A. Hommel, and A. Schoenwald, assignors to Shoe Form Co. Inc., Auburn, N. Y. Welding. 2,321,068; June 8.
- De Wyk, Ludolf H. (See Daley, F. M., and De Wyk.)
- De Wyk, Ludolf H., Jr., Ansonia, assignor to The Sponge Rubber Products Company, Shelton, Conn. Vulcanizing running length of composite rubber strip and apparatus therefor. 2,319,042; May 11.
- Dexdale Hosiery Mills. (See Berger, E. J., and Matthews, assignors.)
- Dexdale Hosiery Mills. (See West, Howard K., assignor.)
- Dexter, C. H., & Sons, Inc. (See Osborne, Fay H., assignor.)
- Dexter, Frederick A., assignor to The Leavitt Machine Company, Orange, Mass. Cutter head. 2,314,775; Mar. 23.
- Dexter, John F., Jamaica, N. Y. Curtain rod bracket. 2,323,381; July 6.
- Dextone Company, The. (See Falco, Louis A., assignor.)
- Dey, George E., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Handle assembly. 2,317,592; Apr. 27.
- Deyrup, Alden J. (See Robertson, C., and Deyrup.)
- Deyrup, Alden J., Elizabeth, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ceramic coating composition. 2,316,742; Apr. 13.
- Deysher, Raymond H., Fleetwood, Pa. Thermoelectric cell. 2,310,354; Feb. 9.
- Dhein, Leonard H. (See Northey, E. H., and Dhein.)
- Dhonau, Herman B. (See Coggeshall, T. R., Dhonau, and Thumlin.)
- Diack, Archibald W., Ann Arbor, Mich. Pyrometer. 2,335,999; Dec. 7.
- Diagram-Bradley Stencil Machine Corporation. (See Herb, Otto J., assignor.)
- Dia-Loy Company. (See Brandon, Arthur H., assignor.)
- Diamond Alkyl Company. (See Robinson, Edward A., assignor.)
- Diamond, Bertram S., Saint Johns, Newfoundland, assignor to Commercial Cable Company, New York, N. Y. Submarine cable signaling system. 2,328,789; Sept. 7.
- Diamond, Harry, Washington, D. C., and W. S. Hinman, Jr., Falls Church, Va., assignors to The Government of the United States of America. Pressure switching. 2,322,229; June 22.
- Diamond, Hyman. (See von Fuchs, G. H., and Diamond.)
- Diamond Iron Works, Incorporated. (See Hortvet, Richard M., assignor.)
- Diamond Iron Works, Incorporated. (See Rudolph, Charles W., assignor.)
- Diamond Match Company, The. (See Nolan, John R., assignor.)
- Diamond Match Company, The. (See Wright, Charles F., assignor.)
- Diamond Power Specialty Corporation. (See Brelsford, Harry E., assignor.)
- D'Ianni, James D., assignor to Wingfoot Corporation, Akron, Ohio. Method of preparing halogenated carboxylic acid esters. 2,320,034; May 25.
- D'Ianni, James D., assignor to Wingfoot Corporation, Akron, Ohio. Brominated acrylonitriles and method of preparing the same. 2,326,095; Aug. 3.
- Diaz, O'Neal A. (See Allison, Oliver J., assignor.)
- Dibner, Bern, Peekskill, N. Y. Nut retainer for electrical connectors. 2,312,240; Feb. 23.
- Dibner, Bern, Crompond, N. Y. Multiple cable connector. 2,337,155; Dec. 21.
- Dibovsky, Victor V., London, England. Rotary blower. 2,323,382; July 6.
- Dicalite Company, The. (See Hall, Howard W., assignor.)
- Dice, Charles, Mount Vernon, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Cutoff device. 2,310,403; Feb. 16.
- Dichiaro, Michael. (See Cunningham, James, assignor.)
- Dichter, Jakob, Berlin-Schöneberg, Germany. Machine for shaping plastic materials. 2,307,114; Jan. 5.
- Dichter, Jakob, Berlin-Schöneberg, Germany, assignor to Kimble Glass Company, Vineland, N. J. Apparatus for sorting ampoules. 2,327,179; Aug. 17.
- Di Ciccio, Dominic A., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Packaging sheet material and the like. 2,321,187; June 8.
- Dick, A. B., Company. (See Altman, A. M., and Shaw, assignors.)
- Dick, A. B., Company. (See Bjerg, N. H., and Dick, Jr., assignors.)
- Dick, Albert B., Jr. (See Bjerg, N. H., and Dick, Jr.)
- Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Sealing means for pistons. 2,315,944; Apr. 6.
- Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Seal construction. 2,319,392; May 18.
- Dick, Burns, Ferguson, and F. H. Stroup, Kirkwood, assignors to Wagner Electric Corporation, St. Louis, Mo. Lubricating and oil separating system for compressors. 2,323,802; July 6.
- Dick, Roscoe S., Conneaut, Ohio, assignor to General Electric Company. Base for electric lamps and similar devices. 2,326,336; Aug. 10.
- Dickson, Nolan E. (See Smith, H. S., and Dickson.)
- Dicke, Carl H., Dayton, Ohio, assignor to The Master Electric Company. Control system for furnaces. 2,335,263; Nov. 30.
- Dicke, Oscar H., Rochester, N. Y. Electric clock system. 2,313,566; Mar. 9.
- Dicke, Oscar H., Rochester, N. Y. Time indicating system. 2,331,267; Oct. 5.
- Dickerman, Hubert E., Springfield, Mass., assignor to Savage Arms Corporation, New York, N. Y. Device for making rear sights for firearms. 2,314,574; Mar. 23.
- Dickerson, William F., Hamptonville, N. C. Apparatus for stringing tobacco. 2,327,252; Aug. 17.
- Dickey, Joseph B. (See McNally, J. G., and Dickey.)
- Dickey, Joseph B. (See McNally, J. G., Dickey and Gray.)
- Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,311,033; Feb. 16.
- Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Antistatic agent and its applications. 2,318,366; May 10.
- Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,322,925; June 29.
- Dickey, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process and composition therefor. 2,331,664; Oct. 12.
- Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Azo dyes. 2,307,921; Jan. 12.
- Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. 8-amino-5-hydroxy 2 - sulphoethylamino 1,4 - naphthoquinone. 2,311,032; Feb. 16.
- Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Azo dye. 2,313,738; Mar. 16.
- Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,317,365; Apr. 27.
- Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Anthraquinone compounds and cellulose derivatives colored therewith. 2,319,043; May 11.
- Dickey, Joseph B., and W. H. Strain, assignors to Eastman Kodak Company, Rochester, N. Y. Azo dye compounds. 2,319,217; May 18.
- Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,323,314; July 6.
- Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,323,315; July 6.
- Dickey, Joseph B., Rochester, N. Y., and Arzy R. Gray, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Aminophenols and the preparation thereof. 2,327,773; Aug. 24.
- Dickey, Joseph B., and J. B. Normington, assignors to Eastman Kodak Company, Rochester, N. Y. Conditioning cellulose acetate yarn. 2,333,770; Nov. 9.
- Dickey, Joseph B., and A. Loria, assignors to Eastman Kodak Company, Rochester, N. Y. Surface-active agent. 2,336,230; Dec. 7.
- Dickey, Joseph B., and R. A. Corbitt, assignors to Eastman Kodak Company, Rochester, N. Y. 4 (1)-Halo-1 (4)-acyloxvaleric acid and derivatives and preparation thereof. 2,333,771; Nov. 9.

- Diekey, Paul S., Shaker Heights, Ohio, assignor to Bailey Meter Company. Gas analysis method and apparatus. 2,329,459; Sept. 14.
- Diekey, Paul S., Cleveland, Ohio, assignor to Bailey Meter Company. Control system. 2,335,655; Nov. 30.
- Diekey, Paul S., Shaker Heights, Ohio, and R. W. Boardman, Nutley, N. J., assignors to Bailey Meter Company. Measuring system. 2,333,300; Nov. 2.
- Diekey, Roy N., assignor to Meets-A-Need Manufacturing Company, Seattle, Wash. Hot cake and waffle cooking utensil. 2,314,872; Mar. 30.
- Dielko, Alexander M., Ontario, Calif., assignor to General Electric Company. Filtration. 2,325,377; July 27.
- Dickson, Alton C., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,319,306; May 18.
- Dickson, Alton C., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alarm and testing circuit. 2,326,290; Aug. 10.
- Dickson, Alton C., Mountain Lakes, and P. G. Edwards, Verona, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Two-way signaling system. 2,322,833; June 29.
- Dickins, Arthur W. M. (See Crouch, W. W., and Dickins.)
- Dickinson, Arthur H. (See Bryce, J. W., and Dickinson.)
- Dickinson, Arthur H., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Dividing machine of the record controlled type. 2,307,116; Jan. 6.
- Dickinson, Arthur H., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Performing machine. 2,315,691; Apr. 6.
- Dickinson, Arthur H., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Dividing machine. 2,328,623; Sept. 7.
- Dickinson, Donald B., Silver Creek, N. Y. Emergency mailing envelope. 2,312,964; Mar. 2.
- Dickinson, Henry R., Grand Rapids, Mich., and H. H. Moreton, East Orange, N. J. Desiccating foods. 2,324,914; July 20.
- Dickinson, Paul, Inc. (See Filkins, Arthur J., assignor.)
- Dickinson, Robert C., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric circuit interrupter. 2,314,693; Mar. 23.
- Dickinson, Theodore M., Schenectady, N. Y., assignor to General Electric Company. High frequency current transformer. 2,327,774; Aug. 24.
- Dickson, Arthur H., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Statistical machine. 2,325,941; Aug. 3.
- Dickson, Charles L., Harvard, Ill. Decimal finder. 2,328,966; Sept. 7.
- Dickson, George H. (See Schoenover, L. C., and Dickson.)
- Dickson, James T. (See Jackson, L. E., and Dickson.)
- Dickson, John B., assignor to Chrysler Corporation, Highland Park, Mich. Lens. 2,328,329; Aug. 31.
- Dickson, John B., Highland Park, and T. L. Holbrook, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Indicating instrument. 2,317,182; Apr. 20.
- Dickson, John B., Northampton, and L. E. Burns, Springfield, assignors to A. G. Spaulding & Bros., Inc., Chicopee, Mass. Laminated article. 2,322,962; June 29.
- Dickson, Lawrence E., Chicago, Ill. Heat protective apparel. 2,327,625; Aug. 24.
- Dickson, Wilburne A., Queen City, Tex. Cooling means for cathodes. 2,332,700; Oct. 26.
- Dickson, William S. (See Christy, E. W., and Dickson.)
- Dickson Wire & Cable Corp. (See Pillero, James, assignor.)
- Dickson Wire & Cable Corporation. (See Pillero, J., and Goldberg, assignors.)
- Dikten, Emil, Jr., Totowa, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic device. 2,307,922; Jan. 12.
- Dikten, Emil, Jr., Totowa, N. J., and H. C. Harrison, Fort Washington, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling device. 2,323,803; July 6.
- Dictaphone Corporation. (See Bossmeyer, C. L., and Yerkovich, assignors.)
- Dictaphone Corporation. (See Curtis, Roger C., assignor.)
- Dictaphone Corporation. (See Renholdt, John E., assignor.)
- Dictaphone Corporation. (See Yerkovich, Simon, assignor.)
- Dictograph Products Company. (See Zarth, William A., assignor.)
- Diebold, Anton, New York, N. Y., assignor to Signal Service Corporation. Traffic analyzer. 2,330,872; Oct. 5.
- Diebold, George L., Chicago, Ill. Adjustable strap fastener. 2,316,846; Apr. 20.
- Diebold Safe & Lock Company. (See Abbott, Albert L., assignor.)
- Diebold Safe & Lock Company. (See Bates, C. J., and Finley, assignors.)
- Diebold Safe & Lock Company. (See Boughton, C. T., and Miller, assignors.)
- Diedrich, Paul. (See Dohn, M., and Diedrich.)
- Dieffenbach, Ferd., Pittsburgh, Pa. Folding seat. 2,308,496; Jan. 19.
- Diehl, Frederick A., and M. B. Cockburn, Lusk, Wyo. Directional drilling sub for oil wells. 2,329,597; Sept. 14.
- Diehl, Heinrich, Frankfurt-on-the-Main, Germany, vested in the Alien Property Custodian. Black ceramic pigments and preparation. 2,309,173; Jan. 26.
- Diehl, Herman L., Montgomery County, assignor to John B. Stetson Company, Philadelphia, Pa. Hat package. 2,334,392; Nov. 16.
- Diehl, Walter S., Washington, D. C., assignor to Specialties Development Corporation, Bloomfield, N. J. Inertia actuated device. 2,317,982; May 4.
- Diele, Frederick G., St. Petersburg, Fla. Brush holder. 2,325,595; Aug. 3.
- Diem, George G., Lock Haven, Pa. Welding composition. 2,333,989; Nov. 9.
- Diener, Richard. (See Ulrich, V., and Diener.)
- Dietna, Daniel E., Jr., Albiontown, Pa., assignor to Remington Rand Inc., Buffalo, N. Y. Foldover check form. 2,323,586; July 6.
- Diercksmider, Roy L., Chicago, Ill., and E. M. Pfauter, Elm Grove, assignors to Blackhawk Mfg. Co., Milwaukee, Wis. Tripod jack. 2,327,180; Aug. 17.
- Dierckx, Lester H., assignor to Elmer H. Kramer, Detroit, Mich. Planer gauge. 2,330,412; Sept. 28.
- Dies, Charles A., Chicago, Ill. Safety pin. 2,312,885; Mar. 2.
- Diesbach, Eleanor C., trustee. (See Waechter, Harry J., assignor.)
- Diesbach, Fritz G., et al., trustees. (See Waechter, Harry J., assignor.)
- Dietel, Curtis E., G. E. Lynn, and B. J. Thiels, assignors to The Dow Chemical Company, Midland, Mich. Insecticide. 2,330,340; Sept. 28.
- Dietel, William R., Williamsport, Pa. Shipping and display package for candy suckers. 2,311,934; Feb. 23.
- Dietel, William L., Albiontown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Screen construction. 2,323,316; July 6.
- Dietler, Henry F., Cedar Grove, N. J., assignor to American Cyanamid Company, New York, N. Y. Water-repellant ultramarine. 2,323,748; July 6.
- Dietler, Henry F., Cedar Grove, N. J., assignor to American Cyanamid Company, New York, N. Y. Water repellent ultramarine. 2,323,749; July 6.
- Dietler, Walter, Dessau-Ziebigk, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Sensitizing of silver halide emulsions. 2,312,153; Feb. 23.
- Dietert, Harry W. (See Schuch, John A., assignor.)
- Dietrich, Wilhelm, Keldierbach-on-the-Main, Germany; vested in the Alien Property Custodian. Production of lead and boron free glazes. 2,335,395; Nov. 30.
- Dietrich, Carl A., Carlisle, Iowa. Folding cot. 2,307,490; Jan. 5.
- Dietrich, Friedrich R., Munich, Germany; vested in the Alien Property Custodian. Vehicle rear signal. 2,330,561; Sept. 28.
- Dietrich, Hans, Mannheim-Waldhof, F. Johannessohn, Mannheim-Feudenheim, E. Rabald and W. Peris, Mannheim-Waldhof, Germany, assignors to Rare Chemicals, Inc., Nepara, N. Y. Hydroxy derivatives of sulphonal and its homologues. 2,309,937; Feb. 2.
- Dietrich, Howard J., Ceneaut, Ohio. Combination paint-brush and nail holder. 2,318,920; May 11.
- Dietrich, Melvin A., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Color stabilizer for oils. 2,312,082; Feb. 23.
- Dietrich, Otto E., Morton, Ill. Reduced tire pressure indicator. 2,324,618; July 20.
- Dietz, Charles. (See Lee, P. W., and Dietz.)
- Dietz, Charles, York, Pa., assignor to The Dentists' Supply Company of New York, New York, N. Y. Alloy and dental article. 2,310,732; Feb. 9.
- Dietz, Robert H. (See Martin, E. J., and Dietz.)
- Dietz, William C. F., Amberley, Ohio. Portable table. 2,324,684; July 20.
- Dietz, William H. (See Ruys, J. D., Kittle, Heath, and Dietz.)
- Dietzgen, Eugene Co. (See Langsner, Adolph, assignor.)
- Dierworn, G. E., Norristown, Pa., assignor to The Baldwin Locomotive Works. Registering and locking apparatus for transfer presses. 2,332,135; Oct. 19.
- Di Frasso, Dorothy. (See Bonotto, Michele, assignor.)
- Digby, Everard T. (See Digby, William P., assignor.)
- Digby, William P., assignor of one-half to Everard T. Digby, London, England. Heat treatment of copper-chromium alloy steels. 2,319,538; May 15.
- Diggin, Myron B., assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Anode bag. 2,321,367; June 8.
- Diggs, Mauri L., Oakland, Calif., assignor to Ferro Enameling Company, Oakland, Calif. Building construction. 2,308,442; Jan. 12.
- Di Ienno, John J. (See Stuber, W. J., and Di Ienno.)
- Di Iuglio, Frank N., New Haven, Conn. Shirt or like garment. 2,313,521; Mar. 9.
- Dilatash, Charles N., Memphis, Tenn. Gate. 2,309,694; Feb. 2.
- Di Lemme, Philip, New York, N. Y. Improved outline chart or placard for paint sets. 2,319,044; May 11.

- Di Lemme, Philip, New York, N. Y. Quiz game. 2,319,045; May 11.
- Dill, Gilbert D., Mount Lebanon, Pa. Reducing metallic oxides. 2,307,997; Jan. 12.
- Dill, Gilbert D., Wilmette, Ill., assignor to H. A. Brassert, New York, N. Y. Apparatus for vaporizing and superheating hydrocarbon oils. 2,329,341; Sept. 14.
- Dill Manufacturing Company, The. (See Crowley, John C., assignor.)
- Dill Manufacturing Company, The. (See Speth, Leonard S., assignor.)
- Dill, Richard E., Alexandria, Nebr. Reinforced concrete construction. 2,329,189; Sept. 14.
- Dillehay, Edward R., Glen Ellyn, Ill., assignor to The Richardson Company, Lockland, Ohio. Manufacture of hard rubber panels. 2,310,619; Feb. 9.
- Dillehay, Edward R., Glen Ellyn, Ill., assignor to The Richardson Company, Lockland, Ohio. Preparing storage battery cases and the like. 2,315,324; Feb. 16.
- Diller, Alvin L., Lexington, and C. A. Cameron, Malden, Mass., assignors to The B. F. Goodrich Company, New York, N. Y. Cutting fur or the like. 2,335,145; Nov. 23.
- Dilling, Elmer D., assignor to Henry A. Doerner, Pullman, Wash. Automatic feed device. 2,331,540; Oct. 12.
- Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Thermostatic control device. 2,326,090; Aug. 3.
- Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Refrigerating apparatus. 2,328,874; Sept. 7.
- Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Valve. 2,335,824; Nov. 30.
- Dillman, Kenneth W., Caruthersville, Mo. Feeder. 2,331,110; Oct. 5.
- Dillon-Beck Manufacturing Co. (See Dillon Daniel C., Jr., assignor.)
- Dillon, Charles J., New York, N. Y. Transmission device. 2,336,167; Dec. 7.
- Dillon, Daniel C., Jr., East Orange, assignor to Dillon-Beck Manufacturing Co., Irvington, N. J. Collapsible safety razor. 2,325,751; Aug. 3.
- Dillon, Emery D., Dayton, Ohio. Combined square and compass. 2,337,315; Dec. 21.
- Dillon, Harold H., Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Composite piston. 2,315,403; Mar. 30.
- Dillon, Irving W., Melrose, Mass. Gauge for internal screw threads. 2,314,199; Mar. 16.
- Dillon, Lyle, San Gabriel, assignor to Union Oil Company of California, Los Angeles, Calif. Determination of magnetic and electrical anisotropy of formation core samples. 2,334,393; Nov. 16.
- Dillon, Maurice B. (See Fox, O. T., and Dillon.)
- Dillon, Robert L., Manchester, assignor of one-half to D. J. Sullivan, Nashua, N. H. Automobile radio antenna. 2,326,443; Aug. 10.
- Dillon, W. C., & Company. (See Dillon, William C., assignor.)
- Dillon, W. C., & Company. (See Elwert, Edward E., assignor.)
- Dillon, W. C., & Company. (See Tipton, Raymond, assignor.)
- Dillon, William C., assignor to W. C. Dillon & Company, Inc., Chicago, Ill. Dynamometer. 2,332,136; Oct. 19.
- Dilow, Arthur P., Jr., Curtis Bay, Md. Windshield shield. 2,331,600; Oct. 12.
- Di Lucci, Anthony J., assignor to Sydney J. Levy, Los Angeles, Calif. Piston ring expander. 2,330,475; Sept. 28.
- Dilworth, David I., McKeesport, Pa., assignor to National Tube Company. Apparatus for coating pipe and the like. 2,336,533; Dec. 14.
- Dilworth, Richard M., La Grange, Ill., assignor to General Motors Corporation, Detroit, Mich. Transition control system. 2,317,258; Apr. 20.
- Di Martino, John, Brooklyn, N. Y. Extensible curtain rod device. 2,317,893; Apr. 27.
- Dingor Corp. (See Gorbatenko, Dimitri L., assignor.)
- Dimick, Hanna G. (See Owen, David T., assignor.)
- Dimick, Henry M., assignor to Willamette Hyster Company, Portland, Oreg. Shoe control mechanism for straddle trucks. 2,316,938; Apr. 20.
- Dimitry, Theodore J., New Orleans, La. Artificial eye. 2,322,117; June 15.
- Dimmick, Glenn L., Haddonfield, N. J., assignor to Radio Corporation of America. Production of sound records. 2,311,150; Feb. 16.
- Dimmick, Glenn L., Haddonfield, N. J., assignor to Radio Corporation of America. Monitoring device. 2,314,392; Mar. 23.
- Dimmick, Glenn L., Haddonfield, N. J., assignor to Radio Corporation of America. Sound recording optical system. 2,325,378; July 27.
- Dimmick, Glenn L., Indianapolis, Ind., assignor to Radio Corporation of America. Photoelectric measuring device. 2,318,470; May 4.
- Dimmick, Ralph B., Butler, Pa., assignor to The American Rolling Mill Company, Middletown, Ohio. Heat-treating car wheels and the like. 2,326,126; Aug. 10.
- Dimmick, Ralph B., Butler, Pa., assignor to The American Rolling Mill Company, Middletown, Ohio. Forged car wheel. 2,326,127; Aug. 10.
- Dimon, Richard A. (See Allen, W. S., Dimon, and Taylerson.)
- Dimon, Richard A., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Picking metallic strip. 2,313,422; Mar. 9.
- Dimond, Thomas L., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alarm system. 2,329,518; Sept. 14.
- Dine, Norman, and A. Bloomberg, assignors to T. Sieger, New York, N. Y. Anatomical support. 2,314,080; Mar. 16.
- Dinens, Laurits, Minneapolis, Minn. Individual vacuum regulator for milking machines. 2,329,396; Sept. 14.
- Dinhofer, Julius, New York, N. Y. Flexible tape. 2,307,395; Jan. 5.
- Dinhofer, Julius, New York, N. Y. Diamond holder. 2,309,050; Jan. 19.
- Dinhofer, Julius, New York, N. Y. Flexible tape. 2,319,724; May 18.
- Dinley, Clarence E., assignor, by mesne assignments, to Detroit Rex Products Company, Detroit, Mich. Solvent saver. 2,310,680; Feb. 9.
- Dinnes, William, Avon Township, Oakland County, Mich. Wall anchor. 2,313,522; Mar. 9.
- D'Innocenzo, Bernard J. (See Stevens, A. L., and D'Innocenzo.)
- Dinal, Richard W., Westfield, assignor to The Watson Stillman Co., Roselle, N. J. Injection device for injection molding machines. 2,308,867; Jan. 19.
- Di Pasquale, Angelo H., Ballston Spa, N. Y. Game board. 2,315,088; Mar. 30.
- Di Pietro, Joseph, Woodlawn, Md. Combination utensil. 2,331,068; Oct. 5.
- Dippel, Cornelius J. (See Cramwinkel, A., Dippel, Keuning and Vanwesen.)
- Dirksen, Arnold D., Dayton, Ohio. Illuminated message container. 2,309,105; Jan. 26.
- Dirksen, Arnold D., Dayton, and H. H. Tellman, Fairfield, Ohio. Utility airplane cockpit land assembly. 2,309,104; Jan. 26.
- Direct Steaming Corporation. See Plant, Leland G., assignor.)
- Di Renzo, Simon, Philadelphia, Pa. Radio compass direction finder. 2,326,337; Aug. 10.
- Dirienzo, Joseph M., Madison, Wis. Self-closing match book. 2,313,629; Mar. 9.
- Di Santo, Bartel J. (See Gall, C., and Di Santo.)
- Discoll, Philip J., Newton, assignor to C. D. Stewart, Boston, Mass. Citronella candle. 2,323,804; July 6.
- Dierens, Paul, Summit, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Compressor unloading mechanism. 2,332,372; Oct. 19.
- Dierens, Paul, Summit, H. E. Karig, Chatham, N. J., and M. E. O'Connell, New York, N. Y., assignors to Worthington Pump and Machinery Corporation, Harrison, N. J. Cooling system for wind tunnels or similar enclosures. 2,308,338; Feb. 2.
- Dishauz, Steve J., Hollidays Cove, W. Va., assignor to National Steel Corporation. Continuous strip picking. 2,334,177; Nov. 16.
- Disney, Charles P., Toronto, Ontario, Canada, and L. S. Wertz, Cleveland Heights, Ohio. Making piers. 2,337,373; Dec. 21.
- Disney, Walt, Productions. (See Garity, William E., assignor.)
- Disney, Walt, Productions. (See Garity, W. E., and Hawkins, assignors.)
- Disney, Walt, Productions. (See Pickley, Leonard B., assignor.)
- Dispenser Corporation of America. (See Leonard, Ralph N., assignor.)
- Dispersions Process, Inc. (See Fowler, Donald E., assignor.)
- Diston, Henry, & Sons, Incorporated. (See James, Howard C., assignor.)
- Diston, Henry, & Sons, Incorporated. (See Owen, James M., assignor.)
- Distillation Products, Inc. (See Baxter, James G., assignor.)
- Distillation Products, Inc. (See Cawley, John D., assignor.)
- Distillation Products, Inc. (See Hickman, Kenneth C. D., assignor.)
- Distillation Products, Inc. (See Hickman, K. C. D., and Gray, assignors.)
- Distillation Products, Inc. (See Morse, Richard S., assignor.)
- Distillers Company Limited. (See Stanley, H. M., and Philip, assignors.)
- Distillers Company Limited, The. (See Staudinger, Hanns P., assignor.)
- Distillers Company Limited, The. (See Staudinger, H. P., and Tuerck, assignors.)
- Distillers Company Limited, The. (See Tuerck, Karl H. W., assignor.)
- Distler, Elizabeth B. W., administratrix, C. T. A. (See Wood, Otis F.)
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Closure. 2,315,692; Apr. 6.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,316,321; Apr. 13.

- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Shipping container. 2,318,763; May 11.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door mechanism. 2,333,396; Nov. 30.
- Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door lock mechanism. 2,335,397; Nov. 30.
- Di Toro, Michael J., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,326,025; Aug. 10.
- Dittmar, Harry R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Soap composition. 2,327,302; Aug. 17.
- Dittmar, Harry R., and D. E. Strain, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of methylol urea. 2,325,514; June 8.
- Dittmar, William C., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Mounting connection devices. 2,337,742; Dec. 28.
- Ditto, Incorporated. (See Champion, William J., assignor.)
- Ditto, Incorporated. (See Denison, William E., assignor.)
- Ditto, Incorporated. (See Grobecker, Hugo H., assignor.)
- Ditto, Incorporated. (See Guth, Adalbert B., assignor.)
- Ditto, Incorporated. (See Kokay, Stephen, assignor.)
- Ditto, Incorporated. (See Neal, Morris P., assignor.)
- Ditto, Incorporated. (See Tidwell, Joseph H., assignor.)
- Ditto, Incorporated. (See Tidwell, Joseph H., assignor.)
- Ditto, Incorporated. (See Williams, Robert A., assignor.)
- Ditto, Incorporated. (See Williams, Robert A., and Cochran, assignors.)
- Dittus, Frederick W., Berkeley, P. J. Bertoglio, Alameda, and W. H. Spaulding, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Pipe expansion joint. 2,314,776; Mar. 23.
- Dittus, George. (See Orinier, L., Balle, Dittus, and Wagner.)
- Ditzler, John L., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,310,843; Feb. 9.
- Ditzler, John L., and R. E. Holmes, Springfield, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,329,342; Sept. 14.
- Diveo-Twin Truck Company. (See Hedeon, Henry V., and C., assignors.)
- Diveo-Twin Truck Company. (See Muma, G. E., and De More, assignors.)
- Diveo-Twin Truck Company. (See Nicol, John, assignor.)
- Diver, Thomas S., Geneva, Ohio. Throttle control device for motor driven vehicles. 2,318,931; May 11.
- Diverall, O. W. (See Eckstein, G. R., and Diverall.)
- Diversey Corporation, The. (See Hull, Harry H., assignor.)
- Di Vette, Randolph E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,333,848; Nov. 9.
- Di Vette, Randolph E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,334,910; Nov. 23.
- Divine Brothers Company. (See Benbow, Henry R., assignor.)
- Diwocky, Fred F. (See Bransky, D. W., and Diwocky.)
- Diwocky, Roy J., assignor to Standard Oil Company, Chicago, Ill. Preventing deleterious coke deposits. 2,326,525; Aug. 10.
- Dix, Henry M., Seattle, Wash. Awning ferrule. 2,335,920; Dec. 7.
- Dixie-Vortex Company. (See Barbieri, Cesare, assignor.)
- Dixie-Vortex Company. (See Carey, Herman, assignor.)
- Dixie-Vortex Company. (See Zimmerman, Fred R., assignor.)
- Dixon, John T., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Reduction of cross talk. 2,329,519; Sept. 14.
- Dixon, Joseph, Crucible Company. (See Hasselquist, Hugo S., assignor.)
- Dixon, Joseph, Crucible Company. (See Hasselquist, H. S., and Nichols, assignors.)
- Dixon, Paul H. (See Ioannilli, J. R., and Dixon.)
- Dixon, Paul H., Wenham, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Cementing machine for thin material. 2,318,600; May 11.
- Dixon, Paul H., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shaping shoe uppers. 2,318,678; May 11.
- Dixon, Paul H., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Tape-applying machine. 2,335,264; Nov. 30.
- Dixon, Paul W., et al. (See Ross, Charles, assignor.)
- Dlouhy, August. (See Whitehead, O. N., and Dlouhy.)
- Doak, John H., Los Angeles, Calif. Incendiary bomb handling device. 2,323,086; June 29.
- Doall Co., The. (See Wilkie, Leighton A., assignor.)
- Doan, Donald J. (See McMullen, Earle W., and Doan.)
- Doane, Foster B., Wilmette, assignor to Magnaflex Corporation, Chicago, Ill. Electromagnetic connector. 2,312,083; Feb. 23.
- Dobak, Nicholas, Manville, and E. R. Powell, North Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Mineral wool forming apparatus. 2,324,140; July 13.
- Dobelaar, Ransom A., Plainfield, N. J. Bomb thrower. 2,311,160; Feb. 16.
- Dobeckmun Company, The. (See Prindle, Karl E., assignor.)
- Doberstein, Edward J., Blue Island, assignor to Goodman Manufacturing Company, Chicago, Ill. Cutter chain. 2,309,166; Feb. 16.
- Doberstein, Edward J., Blue Island, assignor to Goodman Manufacturing Company, Chicago, Ill. Cutter chain. 2,334,813; Nov. 23.
- Doberstein, Edward J., Blue Island, assignor to Goodman Manufacturing Company, Chicago, Ill. Slack or cuttings removing attachment. 2,335,921; Dec. 7.
- Dobert, Joseph H., Millvale, Pa. Electrophysiotherapeutic apparatus. 2,311,955; Feb. 23.
- Doble Engineering Company. (See Browning, G. H., and Povey, assignors.)
- Doble Engineering Company. (See Doble, Frank C., assignor.)
- Doble, Frank C., Cambridge, assignor to Doble Engineering Company, Medford, Mass. Electrical means for indicating temperature conditions. 2,318,601; May 11.
- Dobmeyer, Fred. (See Rearwin, Earle W., assignor.)
- Dobzensky, Milton W., Oakland, Calif. Telephone conversation recording device. 2,319,665; May 18.
- Dobson, Herman C., North Braddock, Pa. Blast furnace cooling plate. 2,311,819; Feb. 23.
- Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,317,183; Apr. 20.
- Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,328,375; Aug. 31.
- Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,328,376; Aug. 31.
- Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,337,593; Dec. 28.
- Docherty, Michael. (See Hubner, P. O., and Docherty.)
- Dockery, J. P., et al. (See Dockery, John T., assignor.)
- Dockery, John T., assignor to one-third to J. P. Dockery and one-third to E. L. Shelton, Jackson, Miss. Gas generating apparatus. 2,318,297; May 4.
- Dockery, Stuart M., Newark, Ohio, assignor to Owens-Corning Fiberglass Corporation. Method and apparatus for producing glass fibers. 2,313,630; Mar. 9.
- Dockson, Charles H., and H. S. Davis, Detroit, Mich. Goggles. 2,309,832; Feb. 7.
- Dod, Harrie C., and J. B. Lewis, Kalgoorlie, Western Australia, assignors to A. S. Northfield & Sons Proprietary Limited, Melbourne, Victoria, Australia. Neutralizer composition. 2,334,255; Nov. 16.
- Dodd, Arthur E., Braddock Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Indicating apparatus. 2,309,174; Jan. 26.
- Dodd, Arthur E., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,309,757; Feb. 2.
- Dodd, Arthur E., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,311,034; Feb. 16.
- Dodd, Arthur E., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical apparatus. 2,321,662; June 15.
- Dodd, Arthur E., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical control apparatus. 2,324,200; July 13.
- Dodd, Harry E., Newark, Ohio. Container for vacuum cleaners. 2,313,423; Mar. 9.
- Dodd, John A., Atlanta, Ga. Hydropneumatic tank. 2,318,066; May 11.
- Dod, Louis C., Buffalo, N. Y., assignor to Magnus Metal Corporation, Chicago, Ill. Welding rod. 2,319,539; May 18.
- Dodds, Clarence W., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical conductor. 2,314,694; Mar. 23.
- Dodge, Carl, Maywood, assignor, by mesne assignments, to Aero Metal Products Corporation, Chicago, Ill. Ticket machine. 2,321,545; June 8.
- Dodge, Carl, Maywood, assignor to Fred J. Wenzel, Chicago, Ill. Motion picture projector apparatus. 2,324,372; July 13.
- Dodenhoff, William D. (See Crocker, John C., assignor.)
- Dodge, Adiel Y., Rockford, Ill. One-way clutch and bearing. 2,307,881; Jan. 12.
- Dodge, Adiel Y., Rockford, Ill. Transmission control system. 2,309,051; Jan. 19.
- Dodge, Adiel Y., Rockford, Ill. Universal joint. 2,309,939; Feb. 2.
- Dodge, Adiel Y., Rockford, Ill. Transmission. 2,311,740; Feb. 23.
- Dodge, Adiel Y., Rockford, Ill. Friction toroidal transmission. 2,318,471; May 4.

- Dodge, Adiel Y., Rockford, Ill. Universal joint. 2,322,570; June 22.
- Dodge, Adiel Y., Rockford, Ill. Transmission. 2,334,394; Nov. 16.
- Dodge, Adiel Y., Rockford, Ill. Hydraulic torque transmitting device. 2,336,231; Dec. 7.
- Dodge, Albert O., Schenectady, N. Y., assignor to General Electric Company. Variable inductance device. 2,334,178; Nov. 16.
- Dodge Chemical Company, The. (See McDonald Louis, assignor.)
- Dodge, Elbert S., and J. Tobin, Iilon, assignors to Remington Rand Inc., Buffalo, N. Y. Typewriting and like machine. 2,326,291; Aug. 10.
- Dodge, Eugene W., Shafter, assignor of 12 1/4% to H. Rhyme and 12 1/4% to C. F. Wentworth, both of Long Beach, Calif. Chemical liquid pressure injector. 2,310,576; Feb. 9.
- Dodge, Frederick G. (See Croft, C. M., Bergeron, and Dodge.)
- Dodge, Frederick G., Long, Md., assignor to Colanese Corporation of America. Cutting fabric. 2,328,063; Aug. 31.
- Dodge, Henry M., Perryburg, and W. K. Daniels, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Plastic cutting apparatus. 2,308,061; Jan. 12.
- Dodge, Howard M., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Piston for fluid actuated devices. 2,307,671; Jan. 5.
- Dodge, Howard M., Wabash, Ind., assignor to The General Tire & Rubber Company, Summit, Ohio. Apparatus for the production of molded articles. 2,310,404; Feb. 9.
- Dodge, Howard M., Wabash, Ind., assignor to The General Tire & Rubber Company, Summit, Ohio. Oil seal. 2,310,405; Feb. 9.
- Dodge, Howard M., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Oil seal. 2,316,941; Apr. 20.
- Dodge, Howard M., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Upholstery cushion. 2,318,841; May 11.
- Dodge, Howard M., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Molding apparatus for making thin walled hollow articles. 2,325,752; Aug. 3.
- Dodge, Howard M., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Engine seal. 2,335,561; Nov. 30.
- Dodge, Kern. (See Odor, R. K., and Dodge.)
- Dodge, Kern, et al., trustee. (See Odor, Ralph K., assignor.)
- Dodge, Lloyd L., Chicago, Ill., assignor to Rhinelander Paper Company, Rhinelander, Wis. Paper and making same. 2,319,116; May 11.
- Dodge Manufacturing Corporation. (See Firth, David, assignor.)
- Dodge, Milo C., assignor to Columbian Rope Company, Auburn, N. Y. Molded plastic body. 2,326,526; Aug. 10.
- Dodge, Milton L. (See Smith, John F., assignor.)
- Dodge, Milton L., Newburyport, Mass. Shaping and smoothing shoe uppers. 2,308,271; Jan. 12.
- Dodge, Parker, Chery Chase, Md., assignor to Hydraulic Controls, Inc., Pomona. 2,324,291; July 13.
- Dodge, Ronald D., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,328,624; Sept. 7.
- Dodge, Ronald D., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,330,960; Oct. 5.
- Dodge, Ronald D., Rochester, and J. E. Wood, Odessa, assignors to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,315,693; Apr. 6.
- Dodge, William P., Erie, Pa., assignor to General Electric Company. Refrigerator cabinet. 2,337,316; Dec. 21.
- Dodgington, Sven H. M., Forest Hills, Long Island, assignor, by mesne assignments, to Scophony Corporation of America, New York, N. Y. Phase discriminator. 2,335,265; Nov. 30.
- Dodkin, Donald. (See Neumueller, J. F., and Dodkin.)
- Dodkin, Donald, and C. L. MacGregor, assignors to American Optical Company, Southbridge, Mass. Heating device for ophthalmic mountings. 2,321,368; June 8.
- Dodson, Guy R., assignor to Electric Steel Foundry Company, Portland, Oreg. Nigger bar. 2,336,722; Dec. 14.
- Dodson, James R., Jr. (See Brown, C. C., Dodson, and Scott.)
- Dodson, William C. (See Drum, H. S., and Dodson.)
- Dodwell, John M., Shawbridge, Quebec, assignor of one-half to P. C. Jones, Montreal, Quebec, Canada. Clutch. 2,335,845; Dec. 7.
- Doe, Adolph C. (See Conway, J. V., and Crockett, assignors.)
- Doe, Thomas B., and R. L. Kengott, New York, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Fuse. 2,330,873; Oct. 5.
- Doegry, John L., assignor to Industrial Patents Corporation, Chicago, Ill. Incorporating gum gualac in fats. 2,308,912; Jan. 19.
- Doelker, William J., assignor to The National Cash Register Company, Dayton, Ohio. Hardening metals. 2,320,573; June 1.
- Doelker, William J., and G. J. Oswald, assignors to The National Cash Register Company, Dayton, Ohio. Method of manufacture. 2,316,506; Apr. 13.
- Doering, Arthur R., Chicago, Ill. Measuring instrument. 2,325,179; July 27.
- Doering, Charles, et al. (See Doering, H. H., and Skoglund, assignors.)
- Doering, Charles, Chicago, Ill. Edible plastic substance cutter. 2,326,016; Aug. 3.
- Doering, Charles, and H. H. Doering, Chicago, Ill. Collapsible display stand. 2,317,036; Apr. 20.
- Doering, Charles and H. H., Chicago, Ill. Extruding plastic substances. 2,321,188; June 8.
- Doering, Charles, H. H. Doering, E. J. Skoglund, and E. W. Anderson, Chicago, Ill.; said Skoglund and said Anderson assignors to said C. Doering and said H. H. Doering. Meat reforming and rolling machine. 2,310,067; Feb. 2.
- Doering, Henry H. (See Doering, Charles and Henry H.)
- Doering, Henry H. (See Doering, Charles and H. H., Skoglund, and Anderson, assignors.)
- Doering, Henry H., and B. J. Skoglund, assignors to C. and H. H. Doering, Chicago, Ill. Molding apparatus for individual edible spreads. 2,323,253; July 6.
- Doerner, Henry A. (See Dilling, Elmer D., assignor.)
- Doerner, Henry A., Pullman, Wash. Producing magnesium metal. 2,328,202; Aug. 31.
- Doetz, Fred, Jr. (See Corey, F., Doetzel, and Pitts.)
- Doetzel, Fred, Jr. (See Corey, F., Doetzel, and Pitts.)
- Doggett, Leo W., Chicago, Ill. Hair clipper. 2,309,175; Jan. 26.
- Dohan, William R., Wynnewood, Pa., assignor to Radio Corporation of America. Mounting piezoelectric crystals. 2,313,129; Mar. 9.
- Dohr, Ernst, and W. J. Wilson, Omaha, Nebr. Railway truck pedestal structure. 2,319,920; May 25.
- Doherty, Thomas E. (See Martin, E., and Doherty.)
- Doherty, William H., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High frequency amplifier. 2,314,132; Mar. 16.
- Dohle, Hinrich, Berlin-Alt-Glienick, Germany; vested in the Alien Property Custodian. Impulse sender. 2,323,019; June 29.
- Dohrenwend, Clayton O., Blue Island, assignor to Burgess-Norton Mfg. Co., Geneva, Ill. Machine for stripping rubber from tread links or the like. 2,327,027; Aug. 17.
- Dohrenwend, Clayton O., Blue Island, assignor to Burgess-Norton Mfg. Co., Geneva, Ill. Stripping rubber from tread links or the like. 2,327,028; Aug. 17.
- Dohrmann, Henry A., Chicago, Ill. Wash tank. 2,315,089; Mar. 30.
- Dohrn, Max, Berlin-Charlottenburg, and P. Dietrich, Finkenkrug, Orthadelland, Germany, assignors to Schering Corporation, Bloomfield, N. J. Therapeutically valuable compounds and producing the same. 2,323,651; July 6.
- Dohrn, Max, and W. Schoeller, Berlin-Charlottenburg, O. A. A. Laubereau, Berlin-Neukölln, H. Fox, Berlin-Frohnau, E. Leckzyk, Berlin-Hanensee, and H. H. Inhoffen, Berlin-Wilmersdorf, Germany, assignors to Schering Corporation, Bloomfield, N. J. Therapeutically valuable derivative of steroid hormones. 2,323,548; Sept. 7.
- Doisy, Edward A., Webster Groves, S. A. Thayer, Kirkwood, S. B. Binkley, Richmond Heights, R. W. McKee, St. Louis, Mo., and D. W. MacCorquodale, Highland Park, Ill., assignors to President and Board of Trustees of St. Louis University, St. Louis, Mo. Naphthalenic compounds. 2,313,739; Mar. 16.
- Dold, Clifford, et al. (See Bussler, Thomas O., assignor.)
- Dold, Refrigerating Company. (See Kleist, Herman W., assignor.)
- Dole Valve Company, The. (See Albright, John C., assignor.)
- Dole Valve Company, The. (See Brown, Clyde A., assignor.)
- Dole Valve Company, The. (See Chace, Thomas B., assignor.)
- Dole Valve Company, The. (See Drapeau, Harold B., assignor.)
- Dole Valve Company, The. (See Fields, George C., assignor.)
- Dole Valve Company, The. (See Lauer, Raymond J., assignor.)
- Dole Valve Company, The. (See Lund, James K., assignor.)
- Dole Valve Company, The. (See Zelnis, Edward P., assignor.)
- Dolian, Frank E., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Fluid for hydraulic systems. 2,337,650; Dec. 28.
- Doll, Anne M. L., administratrix. (See Schlumberger, Conrad.)
- Doll, Henri G., Paris, France, assignor, by mesne assignments, to Schlumberger Well Surveying Corporation, Houston, Tex. Device for determining the strata traversed by drill holes. 2,317,259; Apr. 20.
- Doll, Henri-G., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Well surveying instrument. 2,338,028; Dec. 28.

- Doll, Henri-G., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Well surveying apparatus. 2,338,929; Dec. 28.
- Doll, Henri-Georges, assignor to The Schlumberger Well Surveying Corporation, Houston, Tex. Apparatus for measuring temperatures in bore-holes. 2,316,942; Apr. 20.
- Doll, Joseph A., Mineola, N. Y. Paper dispensing package. 2,334,997; Nov. 25.
- Dollinger, Lewis L., Rochester, N. Y. Fire place construction. 2,331,178; Oct. 5.
- Dolman, Clarence D., Wenatchee, Wash., assignor to Hercules Glue Company. Insecticidal compositions. Re. 22,340; July 6.
- Dolman, Clarence D., Chelan County, Wash., assignor to Hercules Glue Company, Ltd. Spray composition. 2,317,741; Apr. 27.
- Dolt, Maurice L., Plainfield, and A. G. Hill, North Branch, N. J., assignor to American Cyanamid Company, New York, N. Y. Making dinitro cresol. 2,325,753; Aug. 3.
- Dolja, John, Flint, assignor to General Motors Corporation, Detroit, Mich. Vacuum control of clutch capacity. 2,310,518; Feb. 9.
- Doman, John P., Los Angeles, Calif. Hinge. 2,320,772; June 1.
- Dombrow, Bernard A. (See Davis, G. D., and Dombrow.)
- Done, Robert R., Bridgeport, Conn., assignor to General Electric Company. Tuning indication system. 2,333,990; Nov. 9.
- Domenk, Paul J., assignor to Midway Chemical Co., Chicago, Ill. Mop. 2,317,290; Apr. 30.
- Domestic Engineering Company. (See Holmstrom, Walter A., assignor.)
- Dominion Engineering Works Limited. (See Malkin, Bernard A., assignor.)
- Dominion Holst & Shovel Company Limited. (See Nix, Edmund A., assignor.)
- Dominion Magnesium Limited. (See Pidgeon, Lloyd M., assignor.)
- Domestic Manufacturing Company. (See Jenkins, Wayne E., assignor.)
- Domizi, Darlo, Parma, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Calendar and making plastic sheets. 2,317,447; Apr. 27.
- Domke, Fred E., assignor to W. H. Hutchinson & Son, Inc., Chicago, Ill. Cork-cutting machine. 2,328,712; Sept. 7.
- Domonkos, Julius J., Kenmore, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Sheet material fastening tool. 2,313,228; Mar. 9.
- Domre, Henry, Waterville, and C. C. Calkins and L. A. Hunt, Spokane, Wash., assignors to Calkins Manufacturing Company. Rotary subsoiler. 2,323,460; July 6.
- Don Chemical Company, The. (See Hanson, Alden W., assignor.)
- Donaho, Clarence M., Detroit, Mich., assignor of one-fourth to D. McDerry, and one-fourth to F. R. McElderry, Ottumwa, Iowa, Jack. 2,324,141; July 13.
- Donaldson, Edward J. (See Leemhuis, Johannes C. P., assignor.)
- Donaldson, John Shearman, St. Albans, assignor to Donaldson Piston Corporation, New York, N. Y. Piston. 2,324,318; Nov. 16.
- Donaldson Piston Corporation. (See Donaldson, John S., assignor.)
- Donaldson, Werner G., Independence, Mo. Slingshot, bean shooter, or beanie. 2,324,201; July 13.
- Donason, Glenn, Mills, Nebr. Sickle carrier. 2,307,826; Jan. 12.
- Donath, Ernst. (See Pier, M., and Donath.)
- Donato, Joseph L., and F. L. Hardin, Oakland, Calif. Book lock binder. 2,323,123; June 20.
- Donbeck, Larry D., and R. A. Peterson, Gary, Ind. Conveyor roller. 2,317,742; Apr. 27.
- Donchess, Lucille E., Gary, Ind. Surgical chair. 2,330,476; Sept. 28.
- Donelson, Arthur W., Flint, Mich. Two-wire, two-way local-central station transmission system. 2,327,775; Aug. 24.
- Donelson, William W., assignor to The Federal Flooring Corporation, Boston, Mass. Sparkproof flooring. 2,323,461; July 6.
- Donelson, William W., Boston, Mass., and R. L. Ahearn, White Plains, N. Y., assignor to Western Waterproofing Company, Inc., Boston, Mass. Flooring. 2,327,029; Aug. 17.
- Donges, Conrad, Secaucus, N. J. Automobile jack. 2,310,942; Feb. 16.
- Donlevy, John J., Hamden, Conn., assignor, by mesne assignments, to Allied Laboratories, Inc., Kansas City, Mo. Alkyl thio substituted amino benzoic acid alkaline esters and salts thereof. 2,321,468; June 8.
- Donley Brothers Company, The. (See Donley, Donald M., assignor.)
- Donley, Donald M., Macedonia, assignor to The Donley Brothers Company, Cleveland, Ohio. Building construction. 2,317,955; Apr. 27.
- Donley, Harold B., assignor to Columbus Metal Products, Inc., Columbus, Ohio. Oil burning apparatus. 2,316,226; Apr. 13.
- Donley, Harold B., assignor to Columbus Metal Products, Inc., Columbus, Ohio. Oil burning apparatus. 2,317,227; Apr. 13.
- Donley, Harold B., assignor to Columbus Metal Products, Inc., Columbus, Ohio. Oil burning apparatus. 2,337,088; Dec. 21.
- Denton, Theodore R., Union, N. J., assignor to Standard Oil Development Company. Low temperature hydraulic medium. 2,324,770; July 20.
- Donn, Leon. (See Arnold, G. B., and Donn.)
- Donnoli, Lloyd H., Chicago, Ill., and B. J. Schnitzler, Stow, assignors, by mesne assignments, to Wingfoot Corporation, Akron, Ohio. Stress-change measuring instrument. 2,328,967; Sept. 7.
- Donnadoni, Myrtle L., Chicago, Ill. Shoe container. 2,333,643; Nov. 9.
- Donnelly, James, assignor to The Miller Company, Meriden, Conn. Lighting fixture closure. 2,312,393; Mar. 2.
- Donnelly, James A., Brooklyn, N. Y. Steam heating system. 2,325,487; July 27.
- Donnelly, James F. (See Farren, J. W., Heywood, and Donnelly.)
- Donnelly, James M. (See Knowland, R. G., and Donnelly.)
- Donnelly, John P., Oakland, assignor of one-fourth to Alice Sullivan and one-fourth to Etta McKenna, both of San Francisco, Calif. Submarine rescue device. 2,330,477; Sept. 28.
- Donnelly, Thomas S., Detroit, Mich. Insulating structure. 2,327,303; Aug. 17.
- Donnelly, William H. (See Holmes, Paul J., assignor.)
- Donner, Carl H., Summit, assignor to The Chapal Donner Corporation, Newark, N. J. Carrotting solution. 2,330,812; Oct. 5.
- Dono, George E., assignor to Morris Motors Limited, Oxford, England. Water, oil, or other liquid cooler. 2,315,404; Mar. 30.
- Donovan, Edward F., assignor to Cappel, MacDonald and Company, Dayton, Ohio. Toy scale. 2,325,488; July 27.
- Donovan, Edward F., assignor to Cappel, MacDonald and Company, Dayton, Ohio. Educational toy. 2,337,978; Dec. 28.
- Donovan, Joseph L., Duluth, Minn. Jar or cap wrench. 2,317,037; Apr. 20.
- Donovan, Patrick L., Kewanee, Ill. Harrow. 2,321,063; June 15.
- Donovan, Thomas S., and W. V. Wadman, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic material. 2,313,523; Mar. 9.
- Dons, Eddie M., and O. G. Mauro, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Extracting constituents of hydrocarbon liquids. 2,311,372; Feb. 16.
- Dontje, Emanuel C., Kalamazoo, Mich. Turf spiking machine. 2,314,035; Mar. 16.
- Doodchenko, Peter L., New York, N. Y. Insect exterminator. 2,330,024; Sept. 21.
- Dooley, George W., assignor to M. R. Standish, San Bernardino, Calif. Coin controlled release mechanism. 2,317,593; Apr. 27.
- Dooley, George W., E. W. and C. C. Baldwin, Ottawa, Kans. Power novel. 2,319,921; May 25.
- Dooley, William D., Springfield, Ohio. Method and apparatus for detecting the presence of blood in eggs. 2,321,899; June 15.
- Dooley, William D., Springfield, Ohio. Method and apparatus for grading eggs. 2,321,900; June 15.
- Dooley, William D., assignor to J. B. Cartmell, Springfield, Ohio. Method and apparatus for selecting fertile from infertile eggs. 2,310,682; Feb. 9.
- Doolittle, Arthur K., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Vinyl resin coating composition. 2,316,323; Apr. 13.
- Doolittle, Arthur K., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Coating composition. 2,319,852; May 25.
- Doran, Albert B., Brentwood Heights, Calif., assignor to Dorex, Inc., Reno, Nev. Antidetonant. 2,314,575; Mar. 23.
- Doran, Albert B., assignor to Dorex Corporation, Los Angeles, Calif. Treating oils. 2,314,576; Mar. 23.
- Doran Brothers. (See Schultze, Paul, assignor.)
- Doran Brothers, Incorporated. (See Schultze, Paul, assignor.)
- Doran, Carrol A., Parlin, and C. R. De Bow, Jr., Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing pigmented nitrocellulose coating compositions. 2,328,625; Sept. 7.
- Doran, James A., Providence, R. I. Spark plug and making. 2,311,647; Feb. 23.
- Doran, James A., Providence, R. I. Contact breaker device. 2,318,156; Apr. 13.
- Doran, James A., Providence, R. I. Method and apparatus for rectifying alternating currents. 2,328,264; Aug. 31.
- Doran, John C. (See Schultze, Paul, assignor.)
- Doran, John H., Scotia, N. Y., assignor to General Electric Company. Radial flow elastic fluid turbine or compressor. 2,318,990; May 11.
- Doran, John H., Scotia, N. Y., assignor to General Electric Company. Gas turbine power unit. 2,336,232; Dec. 7.

- Doré, Arthur J., assignor to Teletype Corporation, Chicago, Ill. Clutch. 2,331,016; Oct. 5.
- Dorex, Inc. (See Doran, Albert B., assignor.)
- Dorfman, Harry, Montreal, Quebec, Canada. Lady's garment. 2,333,155; Nov. 2.
- Dorfman, H. L., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Solderless connector. 2,313,927; Mar. 16.
- Dorfman, Hiller D., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,322,285; June 22.
- Dorfman, Hiller D., Forest Hills, and G. J. Freese, East McKeesport, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,318,298; May 4.
- Dorfman, Irving. (See Rous, A., and Dorfman.)
- Dorfman, Irving, assignor to Federal Carton Corporation, New York, N. Y. Carrying carton for bottles. 2,331,312; Oct. 12.
- Döring, Ernst, and H. Grassmäder, Wuppertal-Elberfeld, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Producing effects on textile material. 2,307,118; Jan. 5.
- Dorland, Gordon L., Ashton, Ill. Asparagus cutter. 2,322,926; June 29.
- Dorman, Alfred A. (See Akins, Jake, assignor.)
- Dorman, Jack R., Cincinnati, Ohio. Tube and coupling. 2,326,292; Aug. 10.
- Dorman, Jack R., Cincinnati, Ohio. Clutch throwout bearing. 2,328,895; Sept. 7.
- Dorman, Neal W., and R. W. Hadley, Toledo, Ohio, assignors to E. W. Bliss Company, Brooklyn, N. Y. Valve mechanism. 2,329,254; Sept. 14.
- Dornmeyer, A. F., Mfg. Co. (See Behar, Sam., assignor.)
- Dornmeyer, F., Mfg. Co. (See Strauss, A., and Tucker, assignors.)
- Dorn, George, Milwaukee, and K. G. Weyland, Wauwatosa, assignors to Line Material Company, Milwaukee, Wis. Portable expansion wire reel. 2,333,301; Nov. 2.
- Dorn, Walter, Vaihingen Rohr, Germany; vested in the Alien Property Custodian. Electrostatic condenser. 2,323,020; June 29.
- Dornauf, Joseph, Frankfurt-on-the-Main, Germany; vested in the Alien Property Custodian. Casting metals. 2,310,766; Feb. 9.
- Dorner, Jean S., Evanston, Ill. Eraser device. 2,337,979; Dec. 28.
- Dornheim, Otto. (See Reppe, W., Krzikalla, Dornheim, and Sauerbier.)
- Dornhofer, Louis J., assignor to Rotary Seal Company, Chicago, Ill. Seal. 2,322,834; June 29.
- Dornhofer, Louis J., assignor to Rotary Seal Company, Chicago, Ill. Seal. 2,322,835; June 29.
- Dornier, Claude, Friedrichshafen-on-the-Bodensee, Germany; vested in the Alien Property Custodian. Fighting airplane. 2,308,790; Jan. 19.
- Dornier, Claude, Friedrichshafen-on-the-Bodensee, Germany; vested in the Alien Property Custodian. Aircraft structure. 2,310,765; Feb. 9.
- Dornier, Claude, Friedrichshafen-on-the-Bodensee, Germany; vested in the Alien Property Custodian. Flying machine. 2,311,161; Feb. 16.
- Dornier, Claude, Friedrichshafen-on-the-Bodensee, Germany; vested in the Alien Property Custodian. Control apparatus for aircraft. 2,315,110; Mar. 30.
- Dornier, Claude, Friedrichshafen-on-the-Bodensee, Germany; vested in the Alien Property Custodian. Construction material for aircraft. 2,316,569; Apr. 13.
- Dornier, Claude, Friedrichshafen-on-the-Bodensee, Germany; vested in the Alien Property Custodian. Hydro-aircraft. 2,320,574; June 1.
- Dornte, Ralph W., Alplaus, N. Y., assignor to General Electric Company. Production of vinyl chloride. 2,328,430; Aug. 31.
- Dorough, George L. (See Arnold, H. W., Dorrough, and Latham.)
- Dorough, George L., Holly Oak, and D. M. McQueen, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyvinyl acetals. 2,310,943; Feb. 16.
- Dorough, George L., Niagara Falls, N. Y., and G. H. Latham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Flexible transparent sheet material. 2,332,373; Oct. 19.
- Dorr Company, The. (See Downes, Frank A., assignor.)
- Dorr Company, The. (See Kelly, E. M., Kivari, Kite, Roberts, and Sutherland, assignors.)
- Dorr Company, The. (See Scott, Charles H., assignor.)
- Dorr Company, The. (See Scott, C. H., and Linch, assignors.)
- Dorr, Everett E., East Orland, Maine. Twisting device. 2,336,534; Dec. 14.
- Dorr, Johannes. (See Roos, H., Dorr, and Koch.)
- Dorris, George P., St. Louis, Mo., assignor, by mesne assignments, to said Dorris, trustee. Knife grinder. 2,318,764; May 11.
- Dorsey, Arthur A., Emeryville, Calif. Core for tire vulcanizers. 2,317,676; Apr. 27.
- Dorsey, John B., Americus, Ga. Peanut harvesting machine. 2,328,790; Sept. 7.
- Dort, Russell L. (See Coultas, W. J., and Dort.)
- Dorton, John M., Bonner Springs, Kans. Adjustable chair. 2,307,621; Jan. 5.
- Dorton, John M., Bonner Springs, Kans. Floating motion cushion for vehicles, furniture, and the like. 2,313,130; Mar. 9.
- Dorward, John G., Jr., Alameda, Calif. Packing gland for centrifugal pumps. 2,334,396; Nov. 16.
- Doser, Arnold. (See Siefken, W., and Doser.)
- Doser, Arnold, Cologne, O. Bayer and K. Hintzmann, Leverkusen I. G. Werk, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Textile material. 2,318,057; Apr. 6.
- Dorward, John G., Jr., Alameda, Calif. Packing gland for centrifugal pumps. 2,334,396; Nov. 16.
- Doser, Arnold, Cologne, O. Bayer and K. Hintzmann, Leverkusen I. G. Werk, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Rendering textile materials water repellent. 2,328,431; Aug. 31.
- Dostal & Lowey Co. (See Read, Philip C., assignor.)
- Doty, Cecil G., Crown Point, Ind. Steering release mechanism. 2,328,064; Aug. 31.
- Doty, Charles R., Yonkers, assignor to International Business Machines Corporation, New York, N. Y. Inter-controlled typewriter-punching machine. 2,318,299; May 4.
- Doty, Harry, Roosevelt, N. Y. Auxiliary seating for automobiles. 2,317,894; Apr. 27.
- Doty, Howard R., Glenside, assignor to Hugh H. Eby, Inc., Philadelphia, Pa. Electrical connector. 2,332,483; Oct. 19.
- Doucette, George F. (See Knowlton, E. R., Doucette, and Eager.)
- Dough-King, Inc. (See Holmes, W. G., Coyne, and Lagas, assignors.)
- Dough-King, Inc. (See Lagaard, Alexander S. T., assignor.)
- Dougherty, Charles P., Auburn, N. Y. Lathe tool. 2,333,156; Nov. 2.
- Dougherty, Frank, Huntington Park, Calif. Tobacco user's appliance. 2,314,393; Mar. 29.
- Dougherty, Robert J., Ambler, assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Temperature normalizer for storage water heaters. 2,307,740; Jan. 12.
- Dougherty, Robert J., Ambler, assignor to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Thermostatic control. 2,327,582; Aug. 24.
- Doughman, Bernard C., Stamford, Conn., assignor to Electrolux Corporation, New York, N. Y. Vacuum cleaner. 2,307,827; Jan. 12.
- Doughnut Corporation of America. (See Ruch, Julius T., assignor.)
- Doughnut Corporation of America. (See Russell, Lewis E., assignor.)
- Doughty, Emmett G., Glendale, Calif. Udder bag. 2,331,601; Oct. 12.
- Doughty, Reginald A., Abilene, Tex. Wire rope clamp and socket. 2,320,543; June 1.
- Doughty, William E., assignor to James Vernor Company, Detroit, Mich. Device for washing glasses and the like. 2,326,017; Aug. 3.
- Doughty, William E., assignor to James Vernor Company, Detroit, Mich. Device for sterilizing glasses and the like. 2,326,018; Aug. 3.
- Douglas Aircraft Company. (See Burton, Edward F., assignor.)
- Douglas Aircraft Company. (See Burton, E. F., and Buckwater, assignors.)
- Douglas Aircraft Company. (See Campiglia, Clementine E., assignor.)
- Douglas Aircraft Company. (See Klemperer, B., and Corte, assignors.)
- Douglas Aircraft Company. (See Klemperer, Wolfgang B., assignor.)
- Douglas Aircraft Company. (See Misfeldt, Charles C., assignor.)
- Douglas Aircraft Company, Inc. (See Peed, Garland P., Jr., assignor.)
- Douglas Aircraft Company. (See Purdy, Harry W., assignor.)
- Douglas Aircraft Company. (See Turton, Robert S., assignor.)
- Douglas, Beverly, Nashville, Tenn. Syringe. 2,309,502; Jan. 26.
- Douglas, Edward B. (See Bruce, D. S., Halstead, and Douglas.)
- Douglas, H. A., Mfg. Co. (See Bolley, Herschel C., assignor.)
- Douglas, H. A., Mfg. Co. (See Drury, Thomas W., assignor.)
- Douglas, H. A., Mfg. Co. (See Foster, W. M., and Drury, assignors.)
- Douglas, H. A., Mfg. Co. (See Funk, Russell A., assignor.)
- Douglas, H. A., Mfg. Co. (See Johnson, Elmer E., assignor.)
- Douglas, H. A., Mfg. Co. (See Penfold, Charles S., assignor.)
- Douglas, H. A., Mfg. Co. (See White, Jesse M., assignor.)
- Douglas, John G., Aberdeen, Scotland. Steering gear. 2,322,000; Jun. 15.
- Douglas, Kenneth F., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter drive. 2,310,174; Feb. 2.
- Douglas, Kenneth F., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter. 2,325,007; July 20.

- Douglas, Leslie A., San Antonio, Tex. Laterally entering subterranean strata and withdrawing the pore content thereof. 2,312,805; Mar. 2.
- Douglas, Leslie A., San Antonio, Tex. Testing subterranean strata for liquid and gaseous content. 2,315,694; Apr. 6.
- Douglas, Peyton W., Utica, N. Y., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Domestic washing machine. 2,309,940; Feb. 2.
- Douglas, Russell C., and A. C. Wiebold, Kansas City, Mo. Combination fishing device. 2,331,665; Oct. 12.
- Douglas, William D. (See Wilkinson, B., and Douglas.)
- Douglas, James L., Cleveland Heights, Ohio. Tube coupling. 2,310,944; Feb. 16.
- Douglas, James L., Cleveland Heights, Ohio. Tube coupling. 2,333,157; Nov. 2.
- Douglas, Myrl R., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Polarized electromagnet control device. 2,337,651; Dec. 28.
- Douskey, Yazari R., New Milford, Conn. Ironing board attachment. 2,337,876; Dec. 28.
- Douthitt, Charles, Roswell, N. Mex. Grading machine. 2,308,590; Jan. 19.
- D'Ouville, Edmond L. (See Carmody, D. R., and D'Ouville.)
- D'Ouville, Edmond L., Chicago, Ill., and D. R. Carmody, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Unsaturated hydrocarbons. 2,329,397; Sept. 14.
- Dover, Samuel M. (See Morehead, James A., assignor.)
- Dow Chemical Company, The. (See Allen, W. W., and Dawson, assignors.)
- Dow Chemical Company, The. (See Allen, W. W., and Fletcher, assignors.)
- Dow Chemical Company, The. (See Alquist, Francis N., assignor.)
- Dow Chemical Company, The. (See Avery, George S., Jr., assignor.)
- Dow Chemical Company, The. (See Bacon, K. D., and Greminger, assignors.)
- Dow Chemical Company, The. (See Barstow, Ormond, assignor.)
- Dow Chemical Company, The. (See Bass, S. L., and Lawrence, assignors.)
- Dow Chemical Company, The. (See Bradshaw, Russell R., assignor.)
- Dow Chemical Company, The. (See Britton, E. C., and Coleman, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., and Davis, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., and Le Fevre, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., Coleman, and Zemba, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., and Coleman, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., and Le Fevre, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., and Moyle, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., Nutting, and Horsley, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., Nutting, Huscher, and Sexton, assignors.)
- Dow Chemical Company, The. (See Britton, E. C., and Shawver, assignors.)
- Dow Chemical Company, The. (See Bowen, Kenneth D., assignor.)
- Dow Chemical Company, The. (See Brown, Harold L., assignor.)
- Dow Chemical Company, The. (See Campbell, William B., assignor.)
- Dow Chemical Company, The. (See Caple, W. R., and Thrune, assignors.)
- Dow Chemical Company, The. (See Carter, Edward L., assignor.)
- Dow Chemical Company, The. (See Chamberlain, Leonard C., assignor.)
- Dow Chemical Company, The. (See Coleman, G. H., Hadler, and Moore, assignors.)
- Dow Chemical Company, The. (See Coleman, G. H., Hadler, and Sapp, assignors.)
- Dow Chemical Company, The. (See Coleman, G. H., and Schroeder, assignors.)
- Dow Chemical Company, The. (See Coleman, G. H., and Zemba, assignors.)
- Dow Chemical Company, The. (See Collings, W. R., Freeman, and Upright, assignors.)
- Dow Chemical Company, The. (See Cummins, C. F., and Sherk, assignors.)
- Dow Chemical Company, The. (See De Long, Herbert K., assignor.)
- Dow Chemical Company, The. (See Dieter, C. E., Lynn, and Thiegs, assignors.)
- Dow Chemical Company, The. (See Drelsbach, Robert R., assignor.)
- Dow Chemical Company, The. (See Edmunds, Alvin M., assignor.)
- Dow Chemical Company, The. (See Frack, Morris W., assignor.)
- Dow Chemical Company, The. (See Freeman, R. D., Peterson, and Greminger, assignors.)
- Dow Chemical Company, The. (See Freeman, R. D., and Roberts, assignors.)
- Dow Chemical Company, The. (See Freeman, R. D., and Schmelzer, assignors.)
- Dow Chemical Company, The. (See Gabel, A. R., and Taylor, assignors.)
- Dow Chemical Company, The. (See George, Percy F., assignor.)
- Dow Chemical Company, The. (See Grebe, J. J., and Chamberlain, assignors.)
- Dow Chemical Company, The. (See Grether, Ernest F., assignor.)
- Dow Chemical Company, The. (See Hanawalt, J. D., and Peake, assignors.)
- Dow Chemical Company, The. (See Hanson, Alden W., assignor.)
- Dow Chemical Company, The. (See Heath, Sheldon B., assignor.)
- Dow Chemical Company, The. (See Heltz, R. G., and Livak, assignors.)
- Dow Chemical Company, The. (See Jones, J. I., and Richards, assignors.)
- Dow Chemical Company, The. (See Kauppl, T. A., and Kin, assignors.)
- Dow Chemical Company, The. (See Kauppl, T. A., and Kolderman, assignors.)
- Dow Chemical Company, The. (See Kauppl, T. A., Kolderman, and McClurg, assignors.)
- Dow Chemical Company, The. (See Loose, William S., assignor.)
- Dow Chemical Company, The. (See Loose, W. S., and De Long, assignors.)
- Dow Chemical Company, The. (See Lowry, Robert D., assignor.)
- Dow Chemical Company, The. (See Lynn, George E., assignor.)
- Dow Chemical Company, The. (See Lynn, G. E., and Fletcher, assignors.)
- Dow Chemical Company, The. (See Lynn, G. E., Fletcher, and Coleman, assignors.)
- Dow Chemical Company, The. (See Lyons, O. W., and Addison, assignors.)
- Dow Chemical Company, The. (See Matheson, Lorne A., assignor.)
- Dow Chemical Company, The. (See Matheson, L. A., and Boyer, assignors.)
- Dow Chemical Company, The. (See Matheson, L. A., Hach, and De Haas, assignors.)
- Dow Chemical Company, The. (See McDonald, John C., assignor.)
- Dow Chemical Company, The. (See Mills, Lindley E., assignor.)
- Dow Chemical Company, The. (See Moyle, Clarence L., assignor.)
- Dow Chemical Company, The. (See Newhams, William C., assignor.)
- Dow Chemical Company, The. (See Newhams, W. C., and Nelson, assignors.)
- Dow Chemical Company, The. (See Peterson, Norman R., assignor.)
- Dow Chemical Company, The. (See Peterson, N. R., and Sherk, assignors.)
- Dow Chemical Company, The. (See Phillips, W. D., and Van Fossen, assignors.)
- Dow Chemical Company, The. (See Powers, Dixon D., assignor.)
- Dow Chemical Company, The. (See Prendergast, J. J., Jones, and Gladen, assignors.)
- Dow Chemical Company, The. (See Prendergast, J. J., Jones, and Guillet, assignors.)
- Dow Chemical Company, The. (See Prince, Charles A., assignor.)
- Dow Chemical Company, The. (See Pye, David J., assignor.)
- Dow Chemical Company, The. (See Reimers, Hans A., assignor.)
- Dow Chemical Company, The. (See Reinhardt, R. C., and Chamberlain, Jr., assignors.)
- Dow Chemical Company, The. (See Ritchie, Roy S., assignor.)
- Dow Chemical Company, The. (See Roberts, Martin J., assignor.)
- Dow Chemical Company, The. (See Smith, F. B., and Hansen, assignors.)
- Dow Chemical Company, The. (See Smith, F. B., Lynn, and Fletcher, assignors.)
- Dow Chemical Company, The. (See Stoesser, Wesley C., assignor.)
- Dow Chemical Company, The. (See Stone, John B., assignor.)
- Dow Chemical Company, The. (See Strosacker, C. J., and Amstutz, assignors.)
- Dow Chemical Company, The. (See Swinehart, R. W., and Maasberg, assignors.)
- Dow Chemical Company, The. (See Taylor, F. L., and Livak, assignors.)
- Dow Chemical Company, The. (See Taylor, F. L., and Moyle, assignors.)
- Dow Chemical Company, The. (See Thrune, Richard I., assignor.)
- Dow Chemical Company, The. (See Topping, Carl E., assignor.)
- Dow Chemical Company, The. (See Wiley, Ralph M., assignor.)

- Dow Chemical Company, The. (See Williams, Jack L., assignor.)
- Dow Chemical Company, The. (See Young, A. E., and Freeman, assignors.)
- Dow Chemical Company, The. (See Zemba, J. W., and Coleman, assignors.)
- Dow, Dewey M., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,332,208; Oct. 19.
- Dow, Dewey M., and G. D. Welles, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,314,081; Mar. 16.
- Dow, Dewey M., F. H. Burnmeister, and C. A. Lindberg, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,316,674; Apr. 13.
- Dow, Frank F., Jamaica, assignor to M. A. Cuming & Company, Inc., New York, N. Y. Hat machine. 2,313,038; Mar. 9.
- Dow, James N., Longmeadow, Mass., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Axminster loom. 2,335,492; Nov. 30.
- Dow, Orville E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Monitor system. 2,324,915; July 20.
- Dowd, Archie J., Plainfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,333,158; Nov. 2.
- Dowd, Charles G., Baltimore, Md. Bracket for mounting automatic rifles. 2,321,018; June 8.
- Dowd, Erith M., and Clarence S. Johnston, Amarillo, Tex., Camina L. Johnston, executrix, of said Clarence S. Johnston, deceased. Grass seed harvester. 2,328,713; Sept. 7.
- Dowdell, Joshua R., Dallas, Tex., assignor to Nash Engineering Company South Norwalk, Conn. Charge forming device. 2,326,205; Aug. 10.
- Dowding, Darrell M. (See Buchet, Conrad R., assignor.)
- Dowell, Henry L., and G. I. Shelton, Athens, Tex. Fire hose nozzle. 2,334,395; Nov. 16.
- Dowey, Thomas L., Summit, and C. A. Lovell, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic questionnaire. 2,326,204; Aug. 10.
- Dowling Box Company. (See Evert, C. W., and Werner, assignors.)
- Dowinsky, Samuel, New York, N. Y. Pressing iron. 2,317,261; Apr. 20.
- Dowling, Philip H., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Manufacture of electrical rectifiers. 2,328,626; Sept. 7.
- Downer, Charles P., Winchester, and H. G. Cooper, West Medford, Mass., assignors to The Prosperity Company, Inc., Syracuse, N. Y. Completely machine ironing shirts. 2,325,907; Aug. 3.
- Downes, Frank A., Westport, Conn., assignor to The Dorr Company, New York, N. Y. Sludge Digester. 2,335,562; Nov. 30.
- Downey, Bureliah R., Charlotte, and O. F. Elchen, Lansing, and F. E. Ballew, Woodland, Mich. Sand spreader. 2,332,903; Oct. 26.
- Downey, George T., assignor to Aero Supply Mfg. Co. Inc., Corry, Pa. Balanced valve assembly. 2,313,631; Mar. 9.
- Downey, Paul A., San Diego, Calif. Wheel drive for airplanes. 2,335,398; Nov. 30.
- Downey, Reginald L., Scotia, N. Y., assignor to General Electric Company. Calibrating device. 2,315,945; Apr. 6.
- Downing, Frank B., Sr., Wilkes-Barre, Pa. Quill nozzle. 2,309,384; Jan. 26.
- Downing, Frederick B., Penna Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Noncorrosive liquid. 2,307,577; Jan. 5.
- Downing, Frederick B., and C. J. Pedersen, Penna Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of organic substances. 2,336,598; Dec. 14.
- Downing, Joseph R., Denver, Colo. Oil well straightener. 2,316,409; Apr. 13.
- Downs, George F., Jr., Bartlesville, Okla., assignor to Phillips Petroleum Company. Drying process. 2,323,524; July 6.
- Dowry Products Co. (See Elsenberg, Maurice, assignor.)
- Dowry Products Company. (See Loeffler, Clarence K., assignor.)
- Dowsatt, Charles W., Toronto, Ontario, Canada. System and method of grinding. 2,332,701; Oct. 26.
- Dowty Corporation, The. (See Armstrong, William, assignor.)
- Dowty Equipment Limited. (See Bingham, Arthur E., assignor.)
- Dowty Equipment Limited. (See Bridges, Dennis G., assignor.)
- Dowty Equipment Limited. (See Burke, Peter W., assignor.)
- Dowty Equipment Limited. (See Smith, Horace H., assignor.)
- Dowty, George H., Cheltenham, England. Aircraft undercarriage. Re. 22,255; Jan. 26.
- Dowty, George H., Arle Court, Cheltenham, England. Retractable undercarriage for aircraft. 2,319,446; May 18.
- Dowty, George H., Cheltenham, England. Landing gear of aircraft. 2,326,019; Aug. 3.
- Dowty, George H., Cheltenham, England. Aircraft landing gear. 2,326,020; Aug. 3.
- Dowty, George H., Cheltenham, England. Motor vehicle suspension system. 2,333,095; Nov. 20.
- Dowty, George H., Cheltenham, England. Resilient suspension device. 2,335,096; Nov. 2.
- Doxey, Arthur M., Lynbrook, N. Y., and H. E. Heigis, West Orange, assignors to Specialties Development Corporation, Bloomfield, N. J. Fluid medium distribution system. 2,309,106; Jan. 26.
- Doyle, Arthur J., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Sliding car door. 2,316,675; Apr. 13.
- Doyle, Arthur J., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. House car construction. 2,317,677; Apr. 27.
- Doyle, Edgar D., assignor to Leeds and Northrup Company, Philadelphia, Pa. Telemetric system. 2,336,929; Dec. 14.
- Doyle, Edmund A., Brooklyn, N. Y., E. Meincke, Scotch Plains, and A. M. Keller, Livingston, N. J., assignors to The Linde Air Products Company. Control mechanism for metal working machines. 2,323,979; July 13.
- Drachenberg, Richard E., Grosse Pointe Park, Mich. Motor speed control device. 2,312,241; Feb. 23.
- Drachman, Myron J., assignor to Peerless Laboratories, Inc., New York, N. Y. Differential mechanism. 2,309,578; Jan. 26.
- Drader, Joseph C., assignor to Michigan Tool Company, Detroit, Mich. Hob. 2,326,932; Aug. 17.
- Draeger, Arthur A., and J. J. Savelli, Baytown, Tex., assignors to Standard Oil Development Company. Isomerization of alpha olefins. 2,334,998; Nov. 23.
- Draeger, Walter A., Dawson, N. Dak. Electric knife with changeable points. 2,310,844; Feb. 9.
- Drake, Alden M., assignor to Niles-Bement-Pond Company, West Hartford, Conn. Screw thread lapping device. 2,335,745; Nov. 30.
- Drake, Chester W., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Induction motor control system. 2,329,110; Sept. 7.
- Drake, Edward P. (See Bird, L. O., and Drake.)
- Drake, Edward P., and F. J. Alberty, Los Angeles, and W. H. Kagley, assignors to Lindsay Ripe Olive Company, Lindsay, Calif. Metering and aligning machine. 2,314,484; Mar. 23.
- Drake, Edward P., and C. D. Ryan, Los Angeles, Calif., assignors to National Postal Meter Company, Inc., Rochester, N. Y. Inking device for printing apparatus. 2,320,698; June 1.
- Drake, Edward P., and F. J. Alberty, Los Angeles, and W. H. Kagley, assignors to Lindsay Ripe Olive Company, Lindsay, Calif. Feeding mechanism. 2,329,984; Sept. 21.
- Drake, Frank B., assignor to Johnson Gear & Manufacturing Co., Ltd., Berkeley, Calif. Pump drive. 2,327,962; Aug. 24.
- Drake, George F., assignor to Woodward Governor Company, Rockford, Ill. Synchronizing control. 2,319,218; May 18.
- Drake, George F., assignor to Woodward Governor Company, Rockford, Ill. Remote control system. 2,327,341; Aug. 24.
- Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for tempering glass. 2,308,062; Jan. 12.
- Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass cutting apparatus. 2,314,327; Mar. 23.
- Drake, John L., Muskegon, assignor to Ray W. Asbury, Grand Haven, Mich. Hold-down dog. 2,334,911; Nov. 23.
- Drake, Nathan L. (See Krantz, J. C., Jr., and Drake.)
- Drake, Newman H., Essex Falls, N. J., assignor to Snelling Bros. & Drake, New York, N. Y. Winch. 2,314,200; Mar. 16.
- Drake, Percy B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,317,743; Apr. 27.
- Drake, Percy B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switch wiper spring and replacement thereof. 2,318,383; May 4.
- Drake, William E., assignor to Hynson, Westcott & Dunning, Incorporated, Baltimore, Md. Dispensing envelope. 2,325,942; Aug. 3.
- Drakenfeld, B. F., & Co. (See Andrews, R., and King, assignors.)
- Drapeau, Harold B., Oak Park, assignor to The Dole Valve Company, Chicago, Ill. Cooling system. 2,327,342; Aug. 24.
- Drapeau, Joseph E., Jr. (See Burruss, D. N., Jr., and Drapeau.)
- Draper, Charles S., Newton, Mass., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Turn indicator. Re. 22,330; June 8.
- Draper, Charles S., Boston, Mass., J. H. Lancer, Jr., Brooklyn, and Yao Tzu Li, assignors to Research Corporation, New York, N. Y. Pressure indicating apparatus. 2,319,219; May 18.

- Draper, Charles T., Cleveland Heights, Ohio, assignor, by mesne assignments, to American Flange & Manufacturing Co., Inc., New York, N. Y. Container closure construction. 2,337,436; Dec. 21.
- Draper Corporation. (See Brown, Carl D., assignor.)
- Draper, James C., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Packaging cigars. 2,334,999; Nov. 23.
- Draper, Charles S., Newton, Mass., and W. Wrigley, Hempstead, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Acceleration measuring device. 2,332,994; Oct. 26.
- Draper Corporation. (See Belforti, George F., assignor.)
- Draper Corporation. (See Brown, Carl D., assignor.)
- Draper Corporation. (See Brown, C. D., and Chard, assignors.)
- Draper Corporation. (See Burdett, Horace H., assignor.)
- Draper Corporation. (See Chard, Richard E., assignor.)
- Draper Corporation. (See Draper, R. C., and Brown, assignors.)
- Draper Corporation. (See Draper, R. C., and Ozella, assignors.)
- Draper Corporation. (See Ellis, William P., assignor.)
- Draper Corporation. (See Hudson, Shaw, assignor.)
- Draper Corporation. (See Nichols, Edward C., assignor.)
- Draper Corporation. (See Reynolds, Luther B., assignor.)
- Draper Corporation. (See Whiting, Eugene I., assignor.)
- Draper, Frederick C., Chipping Sodbury, England. Hydraulic motor. 2,312,394; Mar. 2.
- Draper, Robert C., and C. D. Brown, assignors to Draper Corporation, Hopedale, Mass. Threading block for loom shuttles. 2,314,485; Mar. 23.
- Draper, Robert C., Hopedale, and V. J. Ozella, Milford, assignors to Draper Corporation, Hopedale, Mass. Shuttle feeder. 2,317,744; Apr. 27.
- Draperies, Incorporated. (See Ripley, Walter L., assignor.)
- Draving, Arthur M., assignor to Hugh H. Eby, Inc., Philadelphia, Pa. Socket receptacle. 2,321,469; June 8.
- Draving, Arthur M., Feasterville, assignor to Hugh H. Eby, Inc., Philadelphia, Pa. Plug-in socket device. 2,321,470; June 8.
- Drayneek, Paul E., assignor to Induction Heating Corp., New York, N. Y. Induction heating apparatus. 2,321,189; June 8.
- Dravo Corporation. (See Deist, Joy W., assignor.)
- Dravo Corporation. (See Schwartz, Daniel M., assignor.)
- Draxler, Karl J., Los Angeles, Calif. Sliding table top construction. 2,307,396; Jan. 5.
- Dray, Walter R., Yorkville, Ill. Harvester-thresher combine. 2,321,019; June 8.
- Dreesse, Delbert B., Larned, Kans. Truck loader and unloader. 2,319,588; May 18.
- Dreger, Emil E., Summit, N. J., and J. Ross, New York, N. Y., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Detergent and making it. 2,321,020; June 8.
- Dreher, Stanley C., Cincinnati, Ohio. Abrasive cutoff machine. 2,315,090; Mar. 30.
- Dreisbach, Charles A., Yonkers, N. Y. Scouring apparatus for cartridge-cases and the like. 2,336,394; Dec. 7.
- Driesbach, Gilbert O., Robesonla, and R. C. Rahm, Wyoming, Pa., assignors to S. Liebovitz & Sons, Inc., New York, N. Y. Traveling work conveyor. 2,313,524; Mar. 9.
- Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Polyols of diphenyl ethane compounds. 2,308,415; Jan. 12.
- Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Dissolving organic thermoplastics. 2,308,416; Jan. 12.
- Dreisel, William, Lawrence, assignor to Andrews & Goodrich, Inc., Rochester, Mass. Pole-carrying means for endless cable conveyors. 2,308,651; Jan. 19.
- Dreisel, William, Lawrence, assignor to Andrews & Goodrich, Inc., Dorchester, Mass. Apparatus for continuous drying and conditioning material. 2,333,236; Nov. 2.
- Dremel, Albert J., Racine, Wis. Hand sander. 2,324,292; July 13.
- Drennan, Harry E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Catalytic isomerization of 1-olefins to 2-olefins. 2,330,115; Sept. 21.
- Drennan, Harry E., Bartlesville, Okla., and J. L. Farrell, deceased, late of Borger, Tex., by M. B. Farrell, Amarillo, Tex., executrix, assignors to Phillips Petroleum Company, Bartlesville, Okla. Treating hydrocarbon oils. 2,308,063; Jan. 12.
- Drennan, Harry E., Phillips, Tex., W. G. Hiatt and W. H. Creel, Bartlesville, Okla., assignors to Phillips Petroleum Company. Degassing liquids. 2,315,843; Apr. 6.
- Drennan, Jimmy E., Lynwood, Calif. Tire mold. 2,319,447; May 18.
- Drennan, Orville F., assignor to Deere & Company, Moline, Ill. Planting and fertilizing means. 2,318,205; May 4.
- Drescher, Theodore B., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Apparatus for inspecting glass. 2,337,877; Dec. 28.
- Dresden, Mark K., Media, assignor to A. H. Wirz Inc., Chester, Pa. Single use tube and mount. 2,315,319; Mar. 30.
- Dresner, Joseph, St. Louis, Mo. Journal box. 2,321,070; June 8.
- Dressel, Clement A. (See Dressel, Segal and C. A.)
- Dressel, Segal and C. A., Los Angeles, Calif. Manufacturing roofing trim. 2,314,036; Mar. 16.
- Dresser Manufacturing Company. (See Newell, Frederick T., assignor.)
- Dresser Manufacturing Company. (See Risley, Roger E., assignor.)
- Dresser, Willis R., Trumbull, assignor to The Patent Button Company, Waterbury, Conn. Method and apparatus for inspecting plastic molded articles, such as buttons or the like. 2,332,308; Oct. 19.
- Dressler, Adolph C., Miami, Okla., assignor, by mesne assignments, to D. Wills. Engine breather and ventilating system. 2,311,036; Feb. 16.
- Dressler, Philip D'H. (See Brooks, F. W., and Dressler.)
- Dressler, Russell G., Nutley, N. J., and R. E. Vivian, Los Angeles, Calif. Treatment of tall oil and products obtained therefrom. 2,336,472; Dec. 14.
- Drew, Ellen, Evanston, Ill. Surgical binder. 2,312,632; Mar. 2.
- Drew, Richard G., St. Paul, Minn., assignor, by mesne assignments, to Minnesota Mining & Manufacturing Company. Composite sheet materials and making the same. 2,330,514; Oct. 5.
- Drew, Richard G., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Coating hydrophilic cellulose films. 2,328,066; Aug. 31.
- Drew, Richard G., assignor to Minnesota Mining & Manufacturing Co., St. Paul, Minn. Adhesive tape and making same. 2,331,894; Oct. 19.
- Drew, Richard G., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Adhesive sheeting. 2,332,137; Oct. 19.
- Drewry, Montrose K., Milwaukee, and M. E. Fitzer, Hales Corners, assignors to Wisconsin Electric Power Company, Milwaukee, Wis. Method and apparatus for degasifying liquids. 2,315,481; Mar. 30.
- Drewsen, Pierre, and J. R. Little, assignors to The Hinde & Daniel Paper Company, Sandusky, Ohio. Color printing. 2,322,927; June 29.
- Drewsen, Pierre, and J. R. Little, assignors to The Hinde & Daniel Paper Company, Sandusky, Ohio. Color printing method. 2,322,928; June 29.
- Drexler, Chas. Co. (See Morgan, Ralph H., assignor.)
- Drexler, Charles, and R. H. Morgan, Indianapolis, Ind., assignors to R. R. Freund, Mount Carmel, Ill. Hospitalization and posture bed. 2,308,592; Jan. 19.
- Dreyer, Albert, Lucerne, Switzerland. Method and apparatus for making flexible tubing. 2,314,611; Mar. 23.
- Dreyfus, Camille, New York, N. Y. Composite material. 2,325,668; Aug. 3.
- Dreyfus, Camille, New York, N. Y. Laminated wood product. 2,325,669; Aug. 3.
- Dreyfus, Camille, New York, N. Y. Screen. 2,334,754; Nov. 23.
- Dreyfus, Camille, New York, N. Y. Fabric treatment. 2,337,652; Dec. 28.
- Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Manufacture and artificial filaments, threads, and the like. 2,324,567; July 20.
- Dreyfus, Camille, New York, N. Y., and G. Schneider, Montclair, N. J., assignors to Celanese Corporation of America. Production of composite fabric. 2,326,128; Aug. 10.
- Dreyfus, Camille, New York, N. Y., and R. D. Rowley, Cumberland, Md., assignors to Celanese Corporation of America. Ripened cellulose esters. 2,329,704; Sept. 21.
- Dreyfus, Camille, New York, N. Y., and R. D. Rowley, Cumberland, Md., assignors to Celanese Corporation of America. Organic esters of cellulose. 2,329,705; Sept. 21.
- Dreyfus, Camille, New York, N. Y., and M. E. Martin, Cumberland, Md., assignors to Celanese Corporation of America. Cellulose esters. 2,329,706; Sept. 21.
- Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Manufacture of aliphatic compounds. 2,308,594; Jan. 19.
- Dreyfuss, Henry, London, England, assignor to Celanese Corporation of America. Coloration of materials made of or containing cellulose derivatives. 2,309,176; Jan. 26.
- Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Production of aliphatic polyhydroxy compounds. 2,311,741; Feb. 23.
- Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Production of polymeric compounds. 2,314,972; Mar. 30.
- Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Production of organic compounds containing inorganic groups. 2,316,847; Apr. 20.
- Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Production of artificial filaments, films, and like materials. 2,318,679; May 11.
- Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Production of cellulose derivatives. 2,321,069; June 8.

- Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Production of artificial materials. 2,323,383; July 6.
- Dreyfus, Henry, London, England, assignor, to Celanese Corporation of America. Manufacture of organic compounds. 2,323,980; July 13.
- Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Treatment of artificial materials. 2,326,842; Aug. 17.
- Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Treatment of sheets and similar materials. 2,328,065; Aug. 31.
- Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Manufacture of cellulose esters. 2,331,964; Oct. 19.
- Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Recovery of organic compounds. 2,331,965; Oct. 19.
- Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Manufacture of new organic compounds. 2,333,159; Nov. 2.
- Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Production of aliphatic aldehydes. 2,332,229; Nov. 30.
- Dreyfus, Henry, London, England, assignor to Celanese Corporation of America. Manufacture of artificial textile materials and the like. 2,335,922; Dec. 7.
- Dreyfus, Henry, London, R. W. Moncrieff, and F. B. Hill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Apparatus for treatment of artificial materials. 2,317,434; Apr. 27.
- Dreyfus, Henry, London, and W. H. Groombridge, Spondon, near Derby, England, assignors to Celanese Corporation of America. Concentration of aliphatic acids. 2,329,255; Sept. 14.
- Dreyfuss, Henry, New York, N. Y., assignor to Eversharp, Inc., Chicago, Ill. Ornamental tubing. 2,319,802; May 25.
- Dreyfuss, Henry, New York, N. Y., assignor to Sylvania Electric Products Inc. Fluorescent lamp fixture. 2,322,426; June 22.
- Dreyfuss, Paul, Brussels-Forest, Belgium, assignor, by mesne assignments, to Chromogen, Incorporated. Photographic material and manufacturing same. 2,317,184; Apr. 20.
- Dreyfus, Pierre A., Biel, assignor to Carfa A. G., Fabrik chemische-technischer Bureauamaterialien, Pery, near Biel, Switzerland. Carbon paper. 2,337,377; Dec. 21.
- Drill, Daniel C., assignor to American Rock Wool Corporation, Wabash, Ind. Continuously making batts, blankets, rocks, and the like. 2,307,117; Jan. 5.
- Drill, Daniel C., assignor to American Rock Wool Corp., Wabash, Ind. Means for and method of manufacturing mineral wool products by the "dry" process. 2,317,895; Apr. 27.
- Drill, Daniel C., assignor to American Rock Wool Corp., Wabash, Ind. Manufacturing mineral wool felted material. 2,319,666; May 18.
- Drill, Daniel C., and Carlton C. Davis, assignors to American Rock Wool Corporation, Wabash, Ind. Apparatus and method whereby improved mineral wool fibers and products may be made. 2,328,714; Sept. 7.
- Drilling and Exploration Company. (See Brantly, John E., assignor.)
- Drinkard, Woodrow W., Longview, Tex. Retractable formation sealing tool. 2,319,493; May 18.
- Drinkwater, Charles M., Chicago, Ill. Food service truck. 2,319,589; May 18.
- Drinkwater, Charles M., Chicago, Ill. Dustless ash receiver. 2,319,725; May 18.
- Drinkall, Mark, Portage Township, St. Joseph County, assignor to Mastie Asphalt Corporation, South Bend, Ind. Building covering material. 2,335,493; Nov. 30.
- Driscoll, Sayra E., Ypsilanti, Mich. Ladder construction. 2,333,849; Nov. 9.
- Driver-Harris Company. (See Lohr, James M., assignor.)
- Droeger, Carl C., Greenfield, Ind. Structural material for sound proofing. 2,309,695; Feb. 2.
- Droeger, Carl C., Greenfield, Ind. Portable and adjustable knockdown scaffold. 2,335,046; Nov. 23.
- Dronigke, Erich, Schmedda, and H. Schüller, Slegmar-Schönau, Germany; vested in the Allen Property Custodian, Drive mechanism for office machines. 2,337,233; Dec. 21.
- Drott, Edward A., assignor to Hi-Way Service Corporation, Milwaukee, Wis. Excavator. 2,328,715; Sept. 7.
- Drott, Edward A., assignor to Hi-Way Service Corporation, Milwaukee, Wis. Material handling apparatus. 2,332,561; Oct. 26.
- Drott, Edward A., and J. H. Kerber, assignors to Hi-Way Service Corporation, Milwaukee, Wis. Material handling apparatus. 2,326,338; Aug. 10.
- Druce, Walter H., Pocatello, Idaho. Display device. 2,319,046; May 11.
- Drum, Harry S., and W. C. Dodson, Abington, assignors to Smith, Drum and Company, Philadelphia, Pa. Mounting for heat responsive instruments used in yarn package drying. 2,317,896; Apr. 27.
- Drum, W. F. L., Co. (See Strupe, Cecil H., assignor.)
- Drummond, Carlton C., Providence, R. I. Warning signal device. 2,309,941; Feb. 2.
- Drummond, Folsom E., Metuchen, N. J., assignor to New Wrinkle, Inc., Wilmington, Del. Machine for coating absorbent surfaces. 2,320,513; June 1.
- Drummond, Folsom E., assignor, by mesne assignments, to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Gaseous metal deposition. 2,332,309; Oct. 19.
- Drummond, Folsom E., and W. A. Walde, assignors to New Wrinkle, Inc., Dayton, Ohio. Drier. 2,308,595; Jan. 19.
- Drummond, Folsom E., and D. E. Bench, Dayton, Ohio, assignors to The Himmel Brothers Company, Hamden, Conn. Electropolishing apparatus. 2,330,562; Sept. 28.
- Drummond, J. Raymond, et al. (See Wayland, E. M., and Drummond, assignors.)
- Drummond, James R. (See Wayland, E. M., and Drummond.)
- Drummond, John R. and M. Fleischmann, Canton, and F. Klamp, East Canton, assignors to The Timken Roller Bearing Company, Canton, Ohio. Defect detector for tubes. 2,308,159; Jan. 12.
- Drummond, John V., Washington, D. C. Concrete, cement, and the like, and making the same. 2,336,723; Dec. 14.
- Drummond, Robert S., Detroit, Mich. Gear finishing. 2,311,037; Feb. 16.
- Drummond, Robert S., assignor to National Broach & Machine Company, Detroit, Mich. Burring machine. 2,316,676; Apr. 13.
- Drummond, Robert S., Detroit, Mich. Gear crowning. 2,319,117; May 11.
- Drummond, Robert S., Detroit, Mich. Gear finishing tool. 2,322,793; June 29.
- Drummond, Robert S., Detroit, Mich. Gear crowning. 2,325,336; Aug. 3.
- Drury, Richard C., Skoki, Ill., assignor to American Maize-Products Company. Chocolate composition and method of making. 2,328,791; Sept. 7.
- Drury, Thomas W. (See Foster, W. M., and Drury.)
- Drury, Thomas W., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electrical connection means. 2,305,596; Jan. 19.
- Drybak Corporation. (See Govan, William, assignor.)
- Drybak Corporation, The. (See Grady, Warren G., assignor.)
- Drycor Felt Company. (See Kopriva, C. J., and Gates, assignors.)
- Dryden Rubber Company. (See Kelly, J. H., Jr., and Stern, assignors.)
- Dryden Rubber Company. (See Winkelmann, Henry A., assignor.)
- Dryer, Charles G., and R. B. Thompson, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,330,206; Sept. 28.
- Dryfoed Ltd. (See Salzburg, August A., assignor.)
- Drying & Concentrating Company. (See Hall, Joseph M., assignor.)
- Duany, Andres J., Vista Alegre, Santiago, Cuba. Pencil sharpener. 2,307,119; Jan. 5.
- Dube, John E., Clayton, assignor to Alco Valve Company, Maplewood, Mo. Three-way valve. 2,335,923; Dec. 7.
- Duberstein, Samuel, and N. Lawner, Brooklyn, N. Y., assignors to American Sundries Co., Inc. Heating and sterilizing apparatus. 2,329,520; Sept. 14.
- Dubilier, William, New Rochelle, N. Y. Dropper. 2,321,369; June 8.
- Dubilier, William, New Rochelle, assignor, by mesne assignments, to Patents Research Corporation, New York, N. Y. Hearing aid system. 2,321,370; June 8.
- Dubner, Harry J., Forest Hills, N. Y. Foundation garment. 2,313,811; Mar. 16.
- Duboc, William A., R. I. Scheuer, and G. R. Christensen, assignors to Hamilton Manufacturing Company, Two Rivers, Wis. Storage cabinet and more particularly printer's form storage cabinet. 2,333,097; Nov. 2.
- Du Bois, Kenneth W., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Fluid control apparatus. 2,333,415; Nov. 2.
- Du Bois Soap Company, The. (See Miller, Samuel J., assignor.)
- Du Bois, Virgil L., Tulsa, Okla. Fluid pump or motor. 2,311,162; Feb. 16.
- Du Bose, George P., et al. (See Loucks, C. A., and Schmidt, assignors.)
- Dubour, Ralph R., and L. G. Brown, Oklahoma City, Okla., assignors, by mesne assignments, to J. E. Bush, Dallas, Tex. Control mechanism for shutters. 2,311,300; Feb. 16.
- Dubow, Jacob A., Chicago, Ill. Baseball glove and the like. 2,336,724; Dec. 14.
- Dubrovinn, John, assignor to W. M. Welch Manufacturing Company, Chicago, Ill. Vacuum pump. 2,337,849; Dec. 28.
- Dubruel, Omar F. (See McGill, C. T., and Dubruel.)
- Ducarpe, Pierre G., assignor to Broadfield Metals Corporation, New York, N. Y. Movable display device. 2,332,845; Oct. 26.
- Ducey, John M., assignor of forty-eight per cent to B. Mack, Washington, D. C. Package. 2,333,416; Nov. 2.
- Duchamp, Clarence J. (See Labbe, J. C., and Duchamp.)
- Ducker, Louis F., and G. A. Little, Orlando, Fla., assignors to C. H. C. Van Pelt, Amberley Village, Hamilton County, Ohio. Treating fruit. 2,328,265; Aug. 31.
- Duckering, Richard. (See Holston, S. C., and Duckering.)

- Ducklo, Robert L., assignor to The Louis G. Freeman Company, Cincinnati, Ohio. Die for bevel cutting. 2,325,311; July 27.
- Duckstein, Martin, Munich, Obermerzing, Germany; vest in the Alien Property Custodian. Lubricating device for aircraft engines. 2,317,745; Apr. 27.
- Duckwall, Frank E., assignor to Continental Optical Company, Inc., Indianapolis, Ind. Apparatus for producing one-piece multifocal lens blanks. 2,312,529; Mar. 2.
- Duckwall, Frank E., assignor to Continental Optical Company, Inc., Indianapolis, Ind. Apparatus and method for producing one-piece multifocal lens blanks and lenses. 2,319,922; May 25.
- Ducommun, Jesse C., and F. A. Upson, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Strainer. 2,332,965; Oct. 26.
- Duda, Wenzel R., Mount Lebanon, Pa. Hold-down device. 2,314,645; Mar. 23.
- Duden, Emil G., assignor to Sealife Company, Oakmont, Pa. Gravity filtration. 2,317,847; Apr. 27.
- Duden, Emil G., assignor to Sealife Company, Oakmont, Pa. Hot process gravity filtration. 2,317,848; Apr. 27.
- Dudgeon, Harry A., Kenilworth, England. Sizing device for machining operations. 2,326,339; Aug. 10.
- Dudicker, James. (See Walsh, James F., and Dudicker.)
- Dudley, John C., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Bumper. 2,328,378; Aug. 31.
- Dudley, Roy A., assignor to Armstrong Products Corporation, Huntington, W. Va. Ceramic heating element and gas heater embodying the same. 2,310,406; Feb. 9.
- Dunley, Victor I., Franklin, Pa., assignor to Joy Manufacturing Company. Spill board. 2,326,444; Aug. 10.
- Dudley, William A., Chicago, Ill., assignor to Pacific Coast Borax Company. Soap dispenser. 2,311,350; Feb. 16.
- Duerig, Alfred E., Haddonfield, assignor to Campbell Soup Company, Camden, N. J. Conveyor release mechanism. 2,318,567; May 4.
- Duerlinger, Walter E., Shaker Heights, Ohio, assignor to Bailey Meter Company. Telemetric system. 2,333,083; Nov. 2.
- Duesel, Bernard F. (See Tisza, E. T., and Duesel.)
- Duesel, Bernard F. (See Tisza, E. T., Duesel, and Friedman.)
- Duff, Robert H. (See Lamb, E. P., Duff, and Ploetz.)
- Duffield, Frederick L., London, England. Production of iron from iron ore. 2,333,417; Nov. 2.
- Duffield, William A., Windsor, Ontario, assignor to Windfields, Limited, Montreal, Quebec, Canada. Automatic speed change gearing. 2,326,994; Aug. 17.
- Duffy, Bernard A., Albany, N. Y. Screw driver. 2,329,398; Sept. 14.
- Duffy, Charles H., Miami, Fla. Cushioning device for electric motors. 2,307,772; Jan. 12.
- Duffy, David H., assignor to Beech Aircraft Corporation, Wichita, Kans. Seaming machine. 2,311,215; Feb. 16.
- Duffy, David H., assignor to Beech Aircraft Corporation, Wichita, Kans. Contouring machine. 2,311,216; Feb. 16.
- Duffy, David H., assignor to Beech Aircraft Corporation, Wichita, Kans. Contouring machine. 2,323,587; July 6.
- Duffy, James F., assignor to Duffy Manufacturing Company, Holland, Mich. Scuff plate. 2,313,812; Mar. 16.
- Duffy, James T., Jr., and P. Jackson, assignors to Read Machinery Co., Inc., York, Pa. Conveyor. 2,308,591; Jan. 19.
- Duffy, John J., Tacoma, Wash. Windmill. 2,314,612; Mar. 23.
- Duffy Manufacturing Company. (See Duffy, James F., assignor.)
- Duffy, Maurice F., Chicago, Ill. Throttle controller for automotive vehicles. 2,332,064; Oct. 19.
- Duffy, Thomas I., assignor to Delray Manufacturing Company, Detroit, Mich. Crankshaft mounting. 2,314,133; Mar. 18.
- Dufine, Abraham, New York, N. Y. Reversible garment. 2,322,510; June 22.
- Dufort, Robert H. (See Sallsbury, F. M., and Dufort.)
- Dufour, Léon, Geneva, Switzerland. Supplying of gases to two-stroke internal combustion engines. 2,329,885; Sept. 21.
- Duftscheid, Franz, Heidelberg, E. Linckh and F. Winkler, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard Catalytic Company. Synthesis of hydrocarbons. 2,318,602; May 11.
- Duggan, James E., Detroit, Mich. Suction cup structure. 2,319,726; May 18.
- Duggan, James E., Detroit, Mich. Suction cup structure. 2,319,727; May 18.
- Duggan, James E., Detroit, Mich. Paint mask structure. 2,324,568; July 20.
- Duggan, James E., Detroit, Mich. Paint mask structure. 2,328,203; Aug. 31.
- Du Grenier, Francis C., Haverhill, and F. B. Perri, Groveland; said Perri assignor to B. E. Bouchard, Haverhill, Mass. Coin-controlled vending machine. 2,323,981; July 13.
- Duhn, Jens W., Pleasant Ridge, assignor to Chrysler Corporation, Highland Park, Mich. Heater. 2,334,866; Nov. 23.
- Dulker, Daniel M., Elmhoven, Netherlands, assignor, by means assignment, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee, Circuit arrangement for gaseous discharge tubes. 2,337,379; Dec. 21.
- Dukas, Max O. (See Kellerman, E., and Dukas.)
- Duke, Charles A., San Antonio, Tex. Internal combustion engine. 2,310,733; Feb. 9.
- Duke, James B. (See Cole, A. T., Duke, and Schilling.)
- Dukelow, Marion M., Jr., New Rochelle, assignor to Continental Can Co., Inc., New York, N. Y. Dispensing container. 2,327,406; Aug. 24.
- Dukes, William E., near Kingsburg, assignor to Consolidated Irrigation District, Selma, Calif. Ditch cleaner. 2,329,855; June 1.
- Dulken, Charles F., Arlington, N. J. Treating textiles. 2,315,465; Mar. 30.
- Dumas, Ellsworth O., Scottville, Mich. Radio speaker unit support. 2,315,896; Apr. 6.
- Dumelin, Charles, Detroit, Mich. Vehicle top. 2,309,242; Jan. 26.
- Dumelin, Charles, Detroit, Mich. Concealed hinge for automobile doors. 2,322,286; June 22.
- Dummer, Samuel R., Dunellen, N. J. Bottle stopper. 2,326,340; Aug. 10.
- Du Mont, Allen B., Laboratories, Inc. (See Christaldi, P. S., and Koch, assignor.)
- Du Mont, Allen B., Laboratories, Inc. (See Du Mont, A. B., and Goldsmith, assignors.)
- Du Mont, Allen B., Laboratories, Inc. (See Gehegan, William A., assignor.)
- Du Mont, Allen B., Laboratories, Inc. (See Koch, Stanley J., assignor.)
- Du Mont, Allen B., Laboratories, Inc. (See Koch, S. J., and Rutherford, assignors.)
- Du Mont, Allen B., Upper Montclair, and T. T. Goldsmith, Jr., Cedar Grove, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. System for color television receiving. 2,337,980; Dec. 28.
- Dumore Company, The. (See Nelson, James H., assignor.)
- Dunajeff, Leonid A., assignor to J. Z. Dallinda, New York, N. Y. Aerial torpedo. 2,330,815; Oct. 5.
- Dunbar, James Y., assignor to Johns-Manville Corporation, New York, N. Y. Acoustical assembly. 2,334,484; Nov. 16.
- Dunbar, MacInnis M., assignor to Lighting Products, Inc., Highland Park, Ill. Lighting fixture. 2,336,599; Dec. 14.
- Dunbar, Ralph E., East Cleveland, assignor to Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Vacuum cleaner. 2,327,181; Aug. 17.
- Duncan Electric Manufacturing Company. (See Green, Stanley S., assignor.)
- Duncan, Frank, Terlingua, Tex. Mercuric ore reduction furnace. 2,311,658; Feb. 23.
- Duncan, George R., Washington, assignor to Star Bucket Pump Company, St. Louis, Mo. Combination refrigerator and aerator. 2,315,603; Apr. 6.
- Duncan, James A., Ridgewood, N. J., assignor to American Telephone and Telegraph Company. Telegraphic auction system. 2,321,372; June 8.
- Duncan, James K., Chicago, Ill., and G. L. Phelps, Tempe, Ariz., assignors to United States Gypsum Company, Chicago, Ill. Reinforced structural element. 2,324,916; July 20.
- Duncan, Thomas P., Jr., Newport News, Va. Conveyor for bombs or the like. 2,329,521; Sept. 14.
- Duncan, Thomas P., Jr., Newport News, Va. Fire bomb. 2,329,522; Sept. 14.
- Duncan, Thomas P., Jr., Newport News, Va. Incendiary bomb. 2,329,523; Sept. 14.
- Duncan, Thomas P., Jr., Newport News, Va. Aerial carrier for bombs or the like. 2,329,524; Sept. 14.
- Duncan, William J., Houston, Tex. Sharpener. 2,326,026; Aug. 10.
- Dunham, Ansel W., Red Oak, Iowa, assignor of thirty-one per cent to D. Hole, Chicago, Ill. Dishwasher. 2,307,363; Jan. 5.
- Dunham, Byron W. (See Bell, D. S., and Dunham.)
- Dunham, Elmer J., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Muffler. 2,312,242; Feb. 23.
- Dunham, George S., Ardmore, Pa., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Fume disposal in catalyst regeneration systems. 2,330,672; Jan. 5.
- Dunham, George W., Westport, Conn., assignor to General Electric Company. Washing machine. Re. 2,230,7; May 4.
- Dunham, George W., Westport, Conn., assignor to General Electric Company. Washing apparatus. 2,316,570; Apr. 13.
- Dunham, George W., Westport, Conn., assignor to General Electric Company. Washing machine. 2,328,432; Aug. 31.
- Dunham, George W., Westport, Conn., assignor to General Electric Company. Wringer. 2,336,233; Dec. 7.
- Dunham, George W., Westport, T. T. Woodson, Fairfield, and H. F. Bariffi, Hamden, Conn., assignors to General Electric Company. Reversible single phase motor. 2,320,176; May 25.

- Dunham, Robert A., Long Beach, assignor to Union Oil Company, of California, Los Angeles, Calif. Producing asphalt emulsions. 2,318,932; May 11.
- Dunham, Walter A., Fort Benjamin Harrison, Ind. Suction pump. 2,308,497; Jan. 19.
- Dunkelsberg, Samuel, Brooklyn, N. Y., assignor to Tru-Vue Optical Co., Inc. Zylonite part for ophthalmic mountings. 2,331,666; Oct. 12.
- Dunkelberger, Byron C., (See Dunkelberger, M. S., and B. C.)
- Dunkelberger, Milton S., assignor to The American Display Company, Dayton, Ohio. Fishing bait or lure. 2,313,709; Mar. 9.
- Dunkelberger, Milton S., assignor to The American Display Company, Dayton, Ohio. Mechanical finger gripping device. 2,320,967; June 1.
- Dunkelberger, Milton S. and B. C., assignors to The American Display Company, Dayton, Ohio. Fishhook. 2,334,613; Nov. 16.
- Dunkley, Melville E., Vernalis, Calif. Treatment of food materials. 2,333,850; Nov. 9.
- Dunlap, Marshall N., and G. Fortney, Chicago, Ill. Sewing machine needle guard. 2,317,185; Apr. 20.
- Dunlap, Kermit S., Richmond Hill, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alternating current generator. 2,329,111; Sept. 7.
- Dunlay, Edward E. (See McAfee, A. M., and Dunlay.)
- Dunlop Rubber Company Limited. (See Madge, E. W., and Purkis, assignors.)
- Dunlop Rubber Company Limited. (See Murphy, E. A., Paton, and Ansell, assignors.)
- Dunlop Rubber Company Limited. (See Trevisakis, Henry, assignor.)
- Dunlop Rubber Company Limited. (See Twiss, D. F., and Amphlett, assignors.)
- Dunlop Tire and Rubber Corporation. (See Anderson, J., and Langstreich, assignors.)
- Dunlop Tire and Rubber Corporation. (See Armstrong, Frank J., assignor.)
- Dunlop Tire and Rubber Corporation. (See Davies, Reginald C., assignor.)
- Dunlop Tire and Rubber Corporation. (See McChesney, C. S., and Short, assignors.)
- Dunlop Tire and Rubber Corporation. (See Powell, E. F., Buigin, and Badham, assignors.)
- Dunlop Tire and Rubber Corporation. (See Twiss, D. F., and Amphlett, assignors.)
- Dunlop Tire and Rubber Corporation. (See Uffelman, Walter, assignor.)
- Dunmire, Russell P., Alliance, assignor to Buckeye Laboratories Corporation, Cleveland, Ohio. Treatment of organic liquids. 2,331,895; Oct. 19.
- Dunmire, Russell P., and J. A. Camelford, Cleveland, Ohio, assignors to The Buckeye Laboratories, Inc. Apparatus for treating rolling oils. 2,316,571; Apr. 13.
- Dunmire, Russell P., and J. A. Camelford, Cleveland, Ohio, assignors to The Buckeye Laboratories, Inc. Treatment of fatty substances. 2,316,774; Apr. 20.
- Dunmore, Francis, and E. G. Lapham, Washington, D. C., assignors to the Government of the United States of America, and represented by the Secretary of Commerce. Altitude measuring. 2,323,317; July 6.
- Dunn, Clarence L., Berkeley, and R. B. McCaughy, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Recovery of pure aromatics. Re. 22,379; Sept. 28.
- Dunn, Edward J., Jr., Manhasset, assignor to National Lead Company, New York, N. Y. Manufacture of white lead. 2,323,982; July 13.
- Dunn, Elman R., assignor to Landis Tool Company, Waynesboro, Pa. Chuck. 2,331,111; Oct. 5.
- Dunn, George E., Kankakee, assignor to Paramount Textile Machinery Co., Chicago, Ill. Finishing fabric articles. 2,333,160; Nov. 2.
- Dunn, Harry E., assignor to W. E. Dunn Manufacturing Company, Holland, Mich. Cement block molding machine. 2,314,577; Mar. 23.
- Dunn, Henry S., assignor to Candid Camera Corporation of America, Chicago, Ill. Motion picture camera. 2,317,096; Apr. 20.
- Dunn, John, Yonkers, assignor to Peabody Engineering Corporation, New York, N. Y. Fuel burner. 2,320,575; June 1.
- Dunn, John, Yonkers, assignor to Peabody Engineering Corporation, New York, N. Y. Air register. 2,320,576; June 1.
- Dunn, Maude, Birmingham, Ala. Bed comforter. 2,324,019; July 20.
- Dunn, Michael. (See Bramble, J. H., and Dunn.)
- Dunn, Richard R., Windsor Locks, Conn. Automatic vending machine attachment. 2,336,780; Dec. 14.
- Dunn, Robert A., Los Angeles, Calif. Apparatus for transporting materials. 2,323,458; July 6.
- Dunn, Thomas H., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Geochemical prospecting. 2,320,577; June 1.
- Dunn, Thomas H., St. Louis, Mo., assignor to The Ohio Brass Company. Conductor support. 2,327,699; Aug. 24.
- Dunn, W. E., Manufacturing Company. (See Dunn, Harry E., assignor.)
- Dunn, William C. (See Denneen, F. S., and Dunn.)
- Dunn, William C., Shaker Heights, and F. S. Denneen, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Apparatus for electric heating. 2,326,206; Aug. 10.
- Dunn, William T. (See Neracher, C. A., and Dunn.)
- Dunn, William T. (See Neracher, C. A., Dunn, Iavelli, and Syrov, assignors.)
- Dunn, William T. (See Neracher, C. A., Syrov, Dunn, Iavelli, and Bucy, assignors.)
- Dunn, William T. (See Neracher, C. A., and Syrov, Iavelli, Bucy, and Scholtz, assignors.)
- Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmitting mechanism. 2,333,161; Nov. 2.
- Dünnebie, Max. (See Winkler, A., Dünnebie, and Gelpke, assignors.)
- Duntzman, Roland W., Bensonville, Ill. Router. 2,335,656; Nov. 30.
- Dunwell, Stephen W., Endicott, and J. N. Wheeler, Hawthorne, assignors to International Business Machines Corporation, New York, N. Y. Machine for checking quotient results. 2,310,407; Feb. 9.
- Dupler, Raymond R., Toledo, Ohio. Illuminated globe. 2,307,362; Jan. 5.
- Dupler, Raymond R., Toledo, Ohio. Globe clock. 2,312,269; Mar. 16.
- Dupler, Raymond R., Toledo, Ohio. Globe clock. 2,333,475; Nov. 2.
- Duplessis, René E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,325,047; July 27.
- Du Pont, Benjamin B. (See du Pont, S. and B. E.)
- Du Pont, E. I., de Nemours & Company. (See Adams, Roger, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Alderman, V. V., and Coffman, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Alderson, W. L., Jr., and Austin, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Alles, Francis P., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Almy, Richard R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Amend, William J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Armengout, Gerard E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Arnold, Herick R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Arnold, W. P., and Boller, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Arnold, H. W., Dorough, and Latham, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Arthur, Paul Jr., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Atkinson, C. L., and Maher, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Austin, Paul R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Austin, P. R., and Frank, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Austin, P. R., and Lundquist, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Bachelot, Maurice R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Bacon, Osborne C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Bailey, G. C., and Hanson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Balassa, Ladislaus, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Balthis, J. H., and Larchar, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Banigan, Thomas E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Barker, Claude L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Barnes, Carl E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Batchelder, G. W., Featherer, and Hughes, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Beh, Warren A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Berchet, Gerard J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Bigelow, Newell M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Bigelow, N. M., and Cole, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Boller, E. R., Hanthorn, and Treadway, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Bolton, E. K., Coffman, and Gilman, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Bousquet, E. W., Kirby, and Searle, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Brandenberger, J. E., and Rénal, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Brant, Gilbert W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Bristol, John E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Brooks, Richard E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Brubaker, Merlin M., assignor.)

- Du Pont, E. I., de Nemours & Company. (See Bullitt, J. R., Jr., Evans, and Hopkins, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Burke, William J., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Burke, W. J., Maxwell and Pinkney, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Burrows, L. A., Cook, and Girdler, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Buxbaum, Edwin C., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Calcott, William S., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Calhoun, James J., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Campbell, D. J., and Fennell, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Campbell, D. J., and Loftus, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Cass, Oliver W., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Cass O. W., and Oliver, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Chamberlain, Merle H., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Chambers, Francis S., Jr., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Christ, Robert E., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Christ, R. E., and Hanford, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Clarkson, Richard G., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Cockerill, Robert F., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Cockerill, Frank O., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Coes, L., Jr., and Barnes, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Coffman, Donald D., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Coffman, D. D., and McGrew, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Conaway, Rollin F., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Cook, Melvin A., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Crendick, John C., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Crosby, Edwin W., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Cupery, Martin E., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Davis, C. O., and Pilcher, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Detrick, S. R., and Brandt, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Deyrup, Alden J., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Dietrich, Melvin A., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Dittmar, Harry R., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Dittmar, H. R., and Strain, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Doran, C. A., and Bow, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Dorough, G. L., and Latham, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Dorough, G. L., and McQueen, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Downing, Frederick, assignor.)
 Du Pont, E. I., de Nemours & Company. (See Downing, F. B., and Pedersen, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Eckstein, G. R., and Diverall, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Ellis, Linus M., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Engelmann, M., and Hall, assignors.)
 Du Pont, E. I., de Nemours & Company. (See English, M. H., and Nydeger, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Ernsberger, M. L., and Lontz, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Evans, Peter B., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Evans, J. H., and Hall, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Ewing, Alvin L., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Farlow, Mark W., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Fern, E. W., and Hull, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Finzel, Theron C., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Flenner, A. L., and Goddin, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Flenner, A. L., Kaufert, and Salzberg, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Flenner, A. L., and Sturges, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Fletcher, David A., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Foster, Harlan, assignor.)
 Du Pont, E. I., de Nemours & Company. (See Fox, Arthur L., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Fox, A. L., and Bare, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Freund, Henry H., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Fry, Henry R., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Gladding, Ernest, assignor.)
 Du Pont, E. I., de Nemours & Company. (See Gocher, W. S., and Jennings, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Goebel, M. T., and Walker, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Gordon, Wallace E., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Graham, Donald P., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Gray, Hugh W., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Gregory, John E., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Gresham, William F., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Gubelmann, I., and Benner, assignors.)
 Du Pont, E. I., de Nemours & Co. (See Guy, Hubert G., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Haaf, R. E. T., Credleek, and Hanigan, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Hall, W. P. G., and Bell, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Hanford, William E., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Hanford, W. E., and Mochel, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Hanford, W. E., and Schreiber, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Hanford, W. E., and Wiley, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Hansley, Will L., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Hardy, Vernal R., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Heaven, G. S., and Berry, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Henke, Clyde O., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Etzel, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Lockwood, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Schofield, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Hennion, George E., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Hill, J. W., and Nicoll, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Hill, Julian W., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Hirsch, Eugen, assignor.)
 Du Pont, E. I., de Nemours & Company. (See Hitt, Ira V., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Hoff, George P., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Hoffman, R. M., and Hitt, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Holbrook, G. E., Fox, Baum, and Clem, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Holbrook, G. E., and Spiegler, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Holt, Lee C., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Hopkins, J. H., and Marks, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Howell, Edward T., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Howk, B. W., and Rigby, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Hucks, Robert T., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Hull, Donald R., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Hull, R. O., and Ruebach, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Hunt, M., and Kirby, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Hunter, Archibald S., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Hunter, George E., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Hutchinson, C. L., and Eckstein, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Iler, Ralph K., assignor.)
 Du Pont, E. I., de Nemours & Company. (See Iler, R. K., and Hanthorn, assignors.)
 Du Pont, E. I., de Nemours & Company. (See Ingersoll, Henry G., assignor.)

- Du Pont, E. I., de Nemours & Company. (See Izard, Emmette F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Jacobson, R. A., and Mighon, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Jayne, David W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Johnson, C. R., Nydegger, and Wyeth, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Johnson, C. R., Philpott, and Stanley, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Johnston, Frederick L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Joyce, Robert M., Jr., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Karns, George M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Keats, John L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Keats, J. L., and Stark, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Kepfer, Raymond J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kharasch, Morris S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kharasch, M. S., and Brown, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Kinloch, Donald H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kirby, James E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kirby, J. E., and McQueen, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Kirby, J. E., and Wertz, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Kirpatrick, Edward C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kirst, W. E., and Winning, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Klein, David X., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kohn, Earl J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Krister, Charles J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kvalnes, Haufling M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Kvalnes, D. E., Smith, and Walling, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lahr, G. G., and Daddow, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Langkammer, C. M., Gocher, and Jennings, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Larchar, Arthur W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Leavy, Joseph B., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lee, H. R., and Young, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Leekley, Robert M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lemanski, Theodore R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lester, Robert L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Levine, A. A., and Cass, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Levine, A. A., and Dent, assignors.)
- Du Pont, E. I., de Nemours & Co. (See Levine, A. A., Sweeney, Kircher, and Mcracken, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lewis, L. J., and Oegenfuss, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Loder, Donald J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Loder, D. J., and Gresham, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Loder, D. J., Gresham, and Killian, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Loder, D. J., and McAlevy, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Lantz, John F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lubs, Herbert A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Lulek, R. N., and Ruxbaum, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Macht, Maurice L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Macht, M. L., and Fletcher, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Macht, M. L., and Renfrew, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Mackey, Bill H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Marasco, Martin, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Marcotte, Louis J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Marks, Bernard M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Martin, Elmore L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Marvel, Carl S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Maxwell, Robert W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See McAlevy, Ambrose, assignor.)
- Du Pont, E. I., de Nemours & Company. (See McBurney, J. D., and Nollau, assignors.)
- Du Pont, E. I., de Nemours & Company. (See McCleary, Ray L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See McDermott, Frank A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See McQueen, David M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Meschter, Emery, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Middleton, E. B., and Dawson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Middleton, E. B., and Jennings, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Miles, John B., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Miller, Charles F., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Mitchell, James A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Moffett, Walter K., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Munson, L. S., and Mahr, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Neal, A. M., and Schaffer, assignors.)
- Du Pont, E. I., de Nemours & Co. (See Neal, A. M., and Sturgis, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Neff, William E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Nestor, John W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Olson, Carl M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Person, Earl R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Peters, Franklin T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Peterson, Merlin D., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Piki, Josef, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Pilcher, William S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Pings, Wilbur B., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Pinkney, Paul S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Pitman, Earle C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Plummer, Henry L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Pratt, Burt C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Reichert, J. S., and Elston, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Reichert, J. S., and McNeight, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Reichert, J. S., McNeight, and Secord, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Renfrew, Malcolm M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Richter, Henry J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Rigby, George W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Rintelman, William L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Robertson, C., and Deyrup, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Roskosky, Stephen J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Rossander, Sander, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Rossander, S. S., Kvalnes, and Sparks, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Rossander, S. S., Sparks, and Maynard, Jr., assignors.)
- Du Pont, E. I., de Nemours & Company. (See Rothrock, Henry S., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Russell, Ralph C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Salzberg, Paul L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Sauer, John C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Schildknecht, Calvin E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Schmitz, William J., Jr., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Schwartz, George L., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Schwartz, G. L., and Walker, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Sease, V. B., and Dawson, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Sease, V. B., and Murray, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Sease, V. B., and Weber, assignors.)

- Du Pont, E. I., de Nemours & Company. (See Sease, V. B. and W. L., assignors.)
- Du Pont, E. I., de Nemours & Company. (See Shields, Charles W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Signalgo, Frank K., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Sloan, Clifford K., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Smith, Frank E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Smith, Joseph E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Somers, N. C., and Woodings, Jr., assignors.)
- Du Pont, E. I., de Nemours & Company. (See Sorenson, Ben E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Soukup, Roy, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Spaeth, Charles P., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Spannagel, Edgar W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Sparks, C. E., and Libby, Jr., assignors.)
- Du Pont, E. I., de Nemours & Company. (See Sparks, C. E., and Trepagnier, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Spiegler, Louis, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Stallmann, Otto, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Straughn, William D. R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Stryker, Harvey I., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Sullivan, Roy W., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Susman, Sidney, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Taylor, Guy B., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Teeters, Wilber O., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Tisdale, Wendell H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Truesdall, John H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Turnbull, Norris, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Vaala, Gordon T., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Von Blichowsky, Foord, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Waldron, William R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Walker, Joseph E., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Waltmann, Ernst, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Weinmayr, Viktor, assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wentz, William M., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wernlund, Christian J., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wernitz, James H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See White, William D., assignor.)
- Du Pont, E. I., de Nemours & Co. (See Wicker, Charles R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wiley, Richard H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wilson, Cyril D., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Wilson, Howard R., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Winning, Clarence H., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Winning, C. H., and Miller, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Woodbury, Clifford A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Woodhouse, J. C., and Walker, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Wuertz, A. J., and Gottlieb, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Wuertz, A. J., and Graham, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Wuertz, A. J., and Lein, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Wuertz, A. J., Lee, and Burbaum, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Wuertz, A. J., Lulek, and Rintleman, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Wuertz, A. J., Perkins, and Granger, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Wuertz, A. J., and Whelen, assignors.)
- Du Pont, E. I., de Nemours & Company. (See Wyeth, Nathaniel C., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Youker, Mortimer A., assignor.)
- Du Pont, E. I., de Nemours & Company. (See Zwilgmeyer, Frithjof, assignor.)
- Du Pont, Francis I., Wilmington, Del., and W. B. Foulke, Media, Pa., assignors to Delaware Chemical Engineering Company, Wilmington, Del. Neutralization of acid sludges. 2,309,633; Feb. 2.
- Du Pont, Richard C., Wilmington, Del. Amusement device. 2,321,371; June 8.
- Du Pont, Stephen, Wilbraham, Mass., and B. B. du Pont, Montchanin, Del., assignors to Indian Motorcycle Company, Springfield, Mass. Motorcycle saddle. 2,350,341; Sept. 28.
- Du Puis, Robert N., Chicago, and C. William Lenth, Wilmette, Ill., assignors to Association of American Soap & Glycerine Producers, Inc., New York, N. Y. Stimulating plants. 2,321,736; June 15.
- Dura Company, The. (See Sterling, Robert J., assignor.)
- Durabilt Steel Locker Co. (See Kaser, Everett D., assignor.)
- Durable Mat Company. (See Bell, Harry W., assignor.)
- Durametallic Corporation. (See Wiessner, Christopher E., assignor.)
- Duran, Felipe M., Washington, D. C. Toy molding device. 2,309,579; Jan. 26.
- Durand, Samuel R., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve control system. 2,331,896; Oct. 19.
- Durand Products. (See Meyer, Maximilian C., assignor.)
- Durant, Lyndon A. (See Williams, H. E., and Durant.)
- Durbin, Stanley H., assignor to E. W. Bliss Company, Brooklyn, N. Y. Mechanism for operating switches. 2,318,300; May 4.
- Durbin, Stanley H., assignor to E. W. Bliss Company, Brooklyn, N. Y. Mechanism for operating switches. 2,320,121; May 25.
- Durbin, Stanley H., assignor to E. W. Bliss Company, Brooklyn, N. Y. Operating mechanism for switches. 2,328,266; Aug. 31.
- Durbin, Augustus C., Jr., Chicago, Ill. Power transmission system. 2,308,868; Jan. 19.
- Durbin, Augustus C., Jr., Lincolnwood, Ill. Vacuum condensation pump. 2,335,946; Apr. 6.
- Durbin, Augustus C., Jr., Lincolnwood, Ill. Comminutor. 2,320,514; June 1.
- Du-Rapel Corporation. (See Spence, James W., assignor.)
- Durez Plastics and Chemicals. (See Marthes, Wilhelm N., assignor.)
- Durez Plastics & Chemicals, Inc. (See Dent, H. M., Hall, and Sonntag, assignors.)
- Durgin, Franklin W., Washington, D. C. Airplane carrier and apparatus for launching airplanes therefrom. 2,331,112; Oct. 5.
- Durham, Hobart N. (See Finnegan, George B., Jr., and Durham.)
- Durham, Hobart N., Manhasset, N. Y., assignor to The Goss Printing Press Company, Chicago, Ill. Printing method and means. 2,319,853; May 25.
- Durham, Hobart N., Manhasset, N. Y., assignor to The Goss Printing Press Company, Chicago, Ill. Web tension apparatus. 2,332,310; Oct. 19.
- Durham, Hobart N., Manhasset, N. Y., and G. B. Finnegan, Jr., Mountain Lakes, N. J. Recording mechanism for vehicle operation. 2,336,076; Dec. 7.
- Durham Manufacturing Company. (See Maurer, Kenneth G., assignor.)
- Durlon Company, Inc., The. (See Parsons, J. A., and Ryder, assignors.)
- Durite Plastics, Incorporated. (See Novotny, E. E., and Vogelsang, assignors.)
- Durma-Gard, Inc. (See Welsberger, Irving, assignor.)
- Durning, James P., St. Albans, N. Y., assignor to International Cigar Machinery Company. Tobacco feeding mechanism. 2,311,373; Feb. 16.
- Durning, James P., St. Albans, N. Y., assignor to International Cigar Machinery Company. Scrap tobacco feed. 2,329,747; Sept. 21.
- Duro Company, The. (See Zimmerman, Arthur C., assignor.)
- Duro Persian Manufacturing Co. (See Unger, Abraham, assignor.)
- Duro Test Corporation. (See Warsher, Adolph, assignor.)
- Durr, Eury M., et al. (See Busler, Thomas G.)
- Durr, Ludwig, Friedrichshafen-on-the-Bodensee, Germany; vested in the Alien Property Custodian. Water recovery device for airships. 2,310,767; Feb. 9.
- Durum, Emmett L., Palo Alto, assignor to Shell Development Company, San Francisco, Calif. Distillation process. 2,325,379; July 27.
- Dursteler, Arnold. (See Hirst, W., and Dürsteler.)
- Duryea, O. C., Corporation. (See Simonson, Sigvard, assignor.)
- Dusdieker, Stanley W., Des Moines, Iowa. Light operated control system for electric lights. 2,314,695; Mar. 23.
- Dusdieker, Stanley W., Des Moines, Iowa. Automatic electric light control apparatus for vehicles. 2,319,494; May 18.
- Dusevoir, Julius, assignor to Century Motors Corporation, Dearborn, Mich. Connection. 2,311,434; Feb. 16.
- Dusevoir, Julius, assignor to Century Motors Corporation, Dearborn, Mich. Apparatus for machining serrations in metallic bodies. 2,317,262; Apr. 20.
- Dusevoir, Julius, assignor to Century Motors Corporation, Dearborn, Mich. Crankshaft. 2,324,373; July 13.

- Dusevoir, Julius, assignor to Century Motors Corporation, Dearborn, Mich. Engine crankshaft. 2,331,541; Oct. 12.
- Duston, Merle, Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Electrical resistor. 2,333,476; Nov. 2.
- Duston, Merle, Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Electrical variable resistor. 2,333,477; Nov. 2.
- Dutter, Donald D., Big Creek, Calif. Pressure system. 2,336,000; Dec. 7.
- Duval, Jean G. L., Saint-Cyr-sur-Mer, France, assignor to Olac Patent Company, New York, N. Y. Plastic composition and packing device. 2,330,563; Sept. 28.
- Duval, Richard H. (See Irwin, E. M., Lewis, Duval, Rule, and Chenoweth.)
- Du Vall, Emil M., assignor to R. E. Owens, Chicago, Ill. Expanding rivet. 2,314,445; Mar. 23.
- Duvall, Walter J. (See Cordrey, H., and Duvall.)
- Duwe, August, Villingen, Schwarzwald, Germany; vested in the Alien Property Custodian. Apparatus for controlling the speed of revolution of machines. 2,313,011; Mar. 2.
- Dvorak, James J., Chicago, assignor to H. S. Simpson, Evanston, Ill. Apparatus for cooling sand mullers. 2,314,486; Mar. 23.
- Dwelle, Thomas W., Bakersfield, Calif. Speed controller. 2,330,342; Sept. 28.
- Dwiggins, John F., Atlanta, Ga. Oil level gauge. 2,333,711; Nov. 9.
- Dworkin, Jacob, Rochester, N. Y. Pocket fountain brush. 2,313,865; Mar. 16.
- Dwyer, Frank W., Chicago, Ill. Draft gauge. 2,320,122; May 25.
- Dwyer, Thomas F., Jr., Cambridge, and D. W. Gray, Everett, assignors to Fabreka Products Company, Inc., Boston, Mass. Draft appliance. 2,318,472; May 4.
- Dye, Edward R., assignor to Executive Board of Montana State College, Bozeman, Mont. Dusting machine. 2,310,820; Feb. 8.
- Dyer, Clinton C., Bakersfield, Calif. Mud ejection control. 2,330,564; Sept. 28.
- Dyer, Colver P., Winchester, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Wool treatment. 2,332,702; Oct. 26.
- Dyer, Daniel P., Jr., Chagrin Falls, Ohio, assignor to The American Steel and Wire Company of New Jersey. Line jack for electrical transmission lines. 2,312,084; Feb. 23.
- Dyer, Daniel P., Jr., Chagrin Falls, Ohio, assignor to The American Steel and Wire Company of New Jersey. Composite electrical conductor. 2,321,021; June 8.
- Dyer, Daniel P., Jr., Chagrin Falls, Ohio, assignor to The American Steel and Wire Company of New Jersey. Vibration motor. 2,336,930; Dec. 14.
- Dyer, John B., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,313,928; Mar. 16.
- Dyer, John B., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,325,837; Aug. 3.
- Dyer, John B., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,331,379; Oct. 12.
- Dyer, John B., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,331,897; Oct. 19.
- Dyer, John N., Stamford, Conn., assignor to Columbia Broadcasting System, Inc., New York, N. Y. Television. 2,319,803; May 25.
- Dyer, John N., Stamford, Conn., assignor to Columbia Broadcasting System, Inc., New York, N. Y. Television. 2,319,804; May 25.
- Dyer, John N., Stamford, Conn., assignor to Columbia Broadcasting System, Inc., New York, N. Y. Television. 2,319,805; May 25.
- Dyer, John W., and D. Kay, assignors to Kay Gyroplanes Limited, Edinburgh, Scotland. Aircraft. 2,333,364; Nov. 2.
- Dyer, John W., and D. Kay, assignors to Kay Gyroplanes Limited, Edinburgh, Scotland. Aircraft. 2,333,365; Nov. 2.
- Dyer, John W., and D. Kay, assignors to Kay Gyroplanes Limited, Edinburgh, Scotland. Aircraft. 2,333,366; Nov. 2.
- Dyer, Rex H., Kansas City, Mo., assignor of one-half to H. Allshouse. Tool for removing electrode tips. 2,328,433; Aug. 31.
- Dykeman, Reuben G., Dayton, Ohio. Oil temperature regulator. 2,331,378; Oct. 12.
- Dykeman, Reuben G., assignor to United Aircraft Products, Inc., Dayton, Ohio. Filler cap or closure. 2,316,507; Apr. 13.
- Dykes, Coy M., Sparta, Ga. Bottle carrier. 2,330,961; Oct. 5.
- Dykstra, Harry, et al. (See Teitsma, William, assignor.)
- Dyrek, John E., assignor to Armour and Company, Chicago, Ill. Method and apparatus for stuffing meats into casings. 2,313,229; Mar. 9.
- Dyrr, Jacob V., Bell, Calif., assignor to International Harvester Company. Implement control device. 2,325,838; Aug. 3.
- D'Zimba, Peter, Jersey City, N. J. Combination wood working machine. 2,330,035; Sept. 21.
- Dzula, Michael, assignor of one-half to L. F. Cegelsky, Albuquerque, N. Mex. Beehive cover. 2,323,805; July 6.
- Dzus Fastener Co. (See White, W. T., and Zimmerman, assignors.)
- Dzus, William, West Islip, N. Y. Device for positioning and forming apertures. 2,334,614; Nov. 16.
- Dzus, William, West Islip, N. Y. Fastening device. 2,337,457; Dec. 21.
- E. A. Laboratories, Inc. (See Meyerhoefer, Carl E., assignor.)
- E. A. Laboratories, Inc. (See Meyerhoefer, C. E., Ballard, and Smoot, assignors.)
- E. A. Laboratories, Inc. (See Smoot, John H., assignor.)
- E. M. B. Company Limited. (See Smith, S., and Cockrill, assignors.)
- E. R. A. Patents Limited. (See Golde, R. H., and Lacey, assignors.)
- Eades, Harry H., Pittsburgh, Pa., assignor to Reynolds Metals Company, Richmond, Va. Plaster base and wall construction. 2,321,373; June 8.
- Eady, Walter R., Royal Oak, assignor to Chrysler Corporation, Highland, Park, Mich. Trim material. 2,322,836; June 29.
- Eagan, John J., Yonkers, N. Y. Testing device. 2,317,263; Apr. 20.
- Eager, John W. (See Knowlton, E. R., Doucette, and Eager.)
- Eagle Engineering Company, Limited, The. (See Meats, William H., assignor.)
- Eagle Lock Company, The. (See Marsh, Milton L., assignor.)
- Eagle Pencil Company. (See Chesler, Isidor, assignor.)
- Eagle Pencil Company. (See Hanle, Benjamin W., assignor.)
- Eagle Pencil Company. (See Kaiser, Charles, Jr., assignor.)
- Eagle Pencil Company. (See Ponath, William O., assignor.)
- Eagle-Picher Lead Company, The. (See Clapson, William J., assignor.)
- Eagle-Picher Lead Company, The. (See Hallows, R. L., and Walker, assignors.)
- Eagle-Picher Lead Company, The. (See McMullen, E. W., and Doan, assignors.)
- Eagle-Picher Lead Company, The. (See Turbett, Forrest L., assignor.)
- Eagle-Picher Mining and Smelting Company, The. (See Chapman, T. G., and Winters, assignors.)
- Eagle Signal Corporation. (See Anderson, Carl L., assignor.)
- Eagle Woodware Manufacturing Company, The. (See Critsch, F. M., and L. B., assignors.)
- Eagon, Lloyd L., New York, N. Y., and B. McKim, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,326,445; Aug. 10.
- Eakin, Robert E., and R. J. Williams, Corvallis, Oreg., assignors to Standard Brands Incorporated, New York, N. Y. Producing yeast. 2,322,267; June 22.
- Eakins, John F., Evanston, assignor, by mesne assignments, to Phonovision Corporation, Chicago, Ill. Coin controlled movie-sound machine. 2,330,036; Sept. 21.
- Eakins, Merle M. (See Miller, R. A., and Eakins.)
- Eames, William F., Westfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Elevator control system. 2,323,652; July 6.
- Earhart, Kenneth A., and B. Rabin, Louisville, Ky., assignors to Devco & Reynolds Co., Inc. Formation of ester bodies. 2,308,498; Jan. 19.
- Earluff, John A. (See Ross, Charles, assignor.)
- Earle, Clarence E., Washington, D. C. Lubricating composition. Re. 22,299; Apr. 13.
- Earle, Denise Loncin. (See Earle, Ferdinand, assignor.)
- Earle, Ferdinand, assignor to D. L. Earle, New York, N. Y. Projecting pictures. 2,336,781; Dec. 14.
- Earle, Genevieve M. (See Earle, Guyon L. C., assignor.)
- Earle, Guyon L. C., Forest Hills, assignor to G. M. Earle, Forest Hills, N. Y. Closure members. 2,312,325; Mar. 2.
- Earle, Guyon L. C., assignor to G. M. Earle, Forest Hills, N. Y. Refrigerator. 2,312,326; Mar. 2.
- Earle, Guyon L. C., assignor to G. M. Earle, Forest Hills, N. Y. Article rack. 2,312,327; Mar. 2.
- Earle, Guyon L. C., assignor to G. M. Earle, Forest Hills, N. Y. Drier arrangement. 2,328,129; Aug. 31.
- Earle, Guyon L. C., assignor to G. M. Earle, Forest Hills, N. Y. Assembling mechanical refrigerators. 2,328,130; Aug. 31.
- Earle, Ralph H., Wauwatosa, assignor to Line Material Company, South Milwaukee, Wis. Automatic circuit-interrupting device. 2,315,320; Mar. 30.
- Earle, Roland D., Cohasset, assignor to Union-Baystate Co., Inc., Cambridge, Mass. Adhesive composition and making the same. 2,313,039; Mar. 9.
- Earley, Andrew J., Cambria, Va. Nut lock. 2,318,473; May 4.
- Early, Mort. (See Van Dyk, V. R., and Early.)
- East, John T., Westfield, and K. A. De Longe, Cranford, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Metallic blasting and abrasive material. 2,336,001; Dec. 7.

- Easley, Alex, El Paso, Tex. Menu card deck. 2,337,594; Dec. 28.
- Eason, Clarence M., Waukesha, Wis. Clutch. 2,308,679; Jan. 19.
- Eason, Clarence M., Waukesha, Wis. Clutch control mechanism. 2,308,680; Jan. 19.
- Eason, Clarence M., Waukesha, Wis. Clutch. 2,308,681; Jan. 19.
- Eastern Corrugated Container Corporation. (See Greenberg, Abbot, assignor.)
- Eastern Mach. & Iron Company, The. (See Klaus, Fred R., Sr., assignor.)
- Eastern Tool and Manufacturing Company. (See Elwell, George H., assignor.)
- Eastern Tool & Mfg. Co. (See Peterson, Carl E., assignor.)
- Eastern Trading Company. (See Freeman, Samuel.)
- Eastin, Ralph O., Mountain Grove, Mo. Cream separator. 2,310,355; Feb. 9.
- Eastman, Du Bois, Port Arthur, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Conversion of hydrocarbons. 2,327,099; Aug. 17.
- Eastman, Du Bois, and C. Richker, Port Arthur, Tex., assignors, by mesne assignments, to The Texas Company, New York, N. Y. Catalytic cracking of hydrocarbon oils. 2,319,590; May 18.
- Eastman, Du Bois, Port Arthur, Tex., and L. P. Scoville, Yonkers, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Rectifying hydrocarbons. 2,325,839; Aug. 3.
- Eastman, Du Bois, and J. M. Barron, Port Arthur, Tex., assignors, by mesne assignments, to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils. 2,330,816; Oct. 5.
- Eastman, Fred C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lasting machine. 2,317,366; Apr. 27.
- Eastman Kodak Company. (See Aklin, George H., assignor.)
- Eastman Kodak Company. (See Allen, C. F. H., and Vittum, assignors.)
- Eastman Kodak Company. (See Babcock, David L., assignor.)
- Eastman Kodak Company. (See Babcock, D. L., and Boon, assignors.)
- Eastman Kodak Company. (See Babcock, D. L., and Clement, assignors.)
- Eastman Kodak Company. (See Bachman, G. B., and Tanner, assignors.)
- Eastman Kodak Company. (See Bean, Frederic R., assignor.)
- Eastman Kodak Company. (See Bennett, D. E., and Fierke, assignors.)
- Eastman Kodak Company. (See Bennett, Harold F., assignor.)
- Eastman Kodak Company. (See Boughton, Fred W., assignor.)
- Eastman Kodak Company. (See Brooker, Leslie G. S., assignor.)
- Eastman Kodak Company. (See Brooker, L. G. S., and Cressman, assignors.)
- Eastman Kodak Company. (See Brooker, Leslie G. S., and Keyes, assignors.)
- Eastman Kodak Company. (See Brooker, L. G. S., and Sprague, assignors.)
- Eastman Kodak Company. (See Brooker, L. G. S., and White, assignors.)
- Eastman Kodak Company. (See Brooker, L. G. S., and Williams, assignors.)
- Eastman Kodak Company. (See Capstaff, John G., assignor.)
- Eastman Kodak Company. (See Carroll, Burt H., assignor.)
- Eastman Kodak Company. (See Carroll, B. H., and Leermakers, assignors.)
- Eastman Kodak Company. (See Carroll, B. H., and Spence, assignors.)
- Eastman Kodak Company. (See Carver, Emmett K., assignor.)
- Eastman Kodak Company. (See Conklin, Frederick R., assignor.)
- Eastman Kodak Company. (See Conklin, F. R., and Ryan, assignors.)
- Eastman Kodak Company. (See Crabtree, J. I., and Henn, assignors.)
- Eastman Kodak Company. (See Crane, Carlton L., assignor.)
- Eastman Kodak Company. (See Crawford, Jack, assignor.)
- Eastman Kodak Company. (See Crouch, Wentworth W., assignor.)
- Eastman Kodak Company. (See Crouch, W. W., and Dickens, assignors.)
- Eastman Kodak Company. (See Crumrine, Chester W., assignor.)
- Eastman Kodak Company. (See Davey, Edward P., assignor.)
- Eastman Kodak Company. (See Davey, E. P., and Knott, assignors.)
- Eastman Kodak Company. (See Davies, E. R., Selwyn, and Otazu, assignors.)
- Eastman Kodak Company. (See Davy, Lee G., assignor.)
- Eastman Kodak Company. (See Dearing, Le Roy M., assignor.)
- Eastman Kodak Company. (See Dickey, Joseph B., assignor.)
- Eastman Kodak Company. (See Dickey, J. B., and Corblitt, assignors.)
- Eastman Kodak Company. (See Dickey, J. B., and Gray, assignors.)
- Eastman Kodak Company. (See Dickey, J. B., and Loria, assignors.)
- Eastman Kodak Company. (See Dickey, J. B., and Eastman Kodak Company. (See Dickey, J. B., and McNally, assignors.)
- Eastman Kodak Company. (See Dickey, J. B., and Northington, assignors.)
- Eastman Kodak Company. (See Dickey, J. B., and Strain, assignors.)
- Eastman Kodak Company. (See Donovan, T. S., and Wadman, assignors.)
- Eastman Kodak Company. (See Eaton, G. T., and Crabtree, assignors.)
- Eastman Kodak Company. (See Eaton, William W., assignor.)
- Eastman Kodak Company. (See Ehrenfried, George, assignor.)
- Eastman Kodak Company. (See Fairbanks, H. N., and Wallace, assignors.)
- Eastman Kodak Company. (See Fallesen, G. E., and Leermakers, assignors.)
- Eastman Kodak Company. (See Fierke, S. S., Vittum, and Wilder, assignors.)
- Eastman Kodak Company. (See Fligg, L. J., Jr., and Shaulis, assignors.)
- Eastman Kodak Company. (See Fisher, W. E., and Shearon, assignors.)
- Eastman Kodak Company. (See Fordyce, C. R., and Gould, assignors.)
- Eastman Kodak Company. (See Fordyce, C. R., and Hunter, assignors.)
- Eastman Kodak Company. (See Fordyce, C. R., and Stampfl, assignors.)
- Eastman Kodak Company. (See Fordyce, C. R., and Vivian, assignors.)
- Eastman Kodak Company. (See Fuerst, Carl C., assignor.)
- Eastman Kodak Company. (See Gamrod, Albert C., assignor.)
- Eastman Kodak Company. (See Gillon, J. W., and Haraden, assignors.)
- Eastman Kodak Company, et al. (See Gillon, J. W., and Hollister, assignors.)
- Eastman Kodak Company. (See Goldberg, Herbert E., assignor.)
- Eastman Kodak Company. (See Green, N. B., and Riddell, assignors.)
- Eastman Kodak Company. (See Hall, Vincent C., assignor.)
- Eastman Kodak Company. (See Hall, V. C., and Streiffert, assignors.)
- Eastman Kodak Company. (See Hamer, F. M., and Rathbone, assignors.)
- Eastman Kodak Company. (See Hanson, Wesley T., Jr., assignor.)
- Eastman Kodak Company. (See Hasche, R. L., and Hince, assignors.)
- Eastman Kodak Company. (See Herzberger, Maxmillian J., assignor.)
- Eastman Kodak Company. (See Herzberger, M. J., and Hoadley, assignors.)
- Eastman Kodak Company. (See Hlatt, G. D., and Blanchard, Jr., assignors.)
- Eastman Kodak Company. (See Hood, H. J., and Wittel, assignors.)
- Eastman Kodak Company. (See Hopkins, Roy S., assignor.)
- Eastman Kodak Company. (See Hurlbut, John, assignor.)
- Eastman Kodak Company. (See Hutchison, Miller R., Jr., assignor.)
- Eastman Kodak Company. (See Jelley, Edwin E., assignor.)
- Eastman Kodak Company. (See Jelley, E. E., and Vittum, assignors.)
- Eastman Kodak Company. (See Kenyon, W. O., and Lowe, assignors.)
- Eastman Kodak Company. (See Kenyon, W. O., and McDowell, assignors.)
- Eastman Kodak Company. (See Knott, Edward B., assignor.)
- Eastman Kodak Company. (See Lee, Charles M., assignor.)
- Eastman Kodak Company. (See Leermakers, J. A., and Fierke, assignors.)
- Eastman Kodak Company. (See Lindquist, Carl G., assignor.)
- Eastman Kodak Company. (See Lowe, Wesley G., assignor.)
- Eastman Kodak Company. (See Lowe, W. G., and Clarke, assignors.)
- Eastman Kodak Company. (See Lowe, W. G., and Kenyon, assignors.)
- Eastman Kodak Company. (See Knott, Edward B., assignor.)
- Eastman Kodak Company. (See Malm, Carl J., assignor.)
- Eastman Kodak Company. (See Malm, C. J., and Clarke, assignors.)

- Eastman Kodak Company. (See Malm, C. J., and Hiatt, assignors.)
- Eastman Kodak Company. (See Malm, C. J., and Salo, assignors.)
- Eastman Kodak Company. (See Matthews, I. C., and Lynch, assignors.)
- Eastman Kodak Company. (See McDowell, W. H., and Kenyon, assignors.)
- Eastman Kodak Company. (See McFarlane, J. W., and Moses, assignors.)
- Eastman Kodak Company. (See McLeod, John H., assignor.)
- Eastman Kodak Company. (See McMahon, Edward M., assignor.)
- Eastman Kodak Company. (See McNally, J. G., and Dickey, assignors.)
- Eastman Kodak Company. (See McNally, J. G., Dickey, and Gray, assignors.)
- Eastman Kodak Company. (See McNally, J. G., Fordyce, and Talbot, assignors.)
- Eastman Kodak Company. (See McNally, J. G., and Morey, assignors.)
- Eastman Kodak Company. (See McRae, Daniel B., assignor.)
- Eastman Kodak Company. (See Meyer, L. W. A., and Conklin, assignors.)
- Eastman Kodak Company. (See Mihalyi, Joseph, assignor.)
- Eastman Kodak Company. (See Morris, Robert A., assignor.)
- Eastman Kodak Company. (See Murray, Alexander, assignor.)
- Eastman Kodak Company. (See Murray, A., and Yule, assignors.)
- Eastman Kodak Company. (See Nadeau, Gale F., assignor.)
- Eastman Kodak Company. (See Nadeau, G. F., and Couch, assignors.)
- Eastman Kodak Company. (See Nadeau, G. F., and Filers, assignors.)
- Eastman Kodak Company. (See Nadeau, G. F., and Hilborn, assignors.)
- Eastman Kodak Company. (See Nadeau, G. F., and Slack, assignors.)
- Eastman Kodak Company. (See Nadeau, G. F., Slack, and Smith.)
- Eastman Kodak Company. (See Nadeau, G. F., and Smith, assignors.)
- Eastman Kodak Company. (See Nadeau, G. F., and Starck, assignors.)
- Eastman Kodak Company. (See Nadeau, G. F., and Tucker, assignors.)
- Eastman Kodak Company. (See Nowack, C. F., and Lee, assignors.)
- Eastman Kodak Company. (See Oeschger, Luther A., assignor.)
- Eastman Kodak Company. (See Partridge, Winfield, Jr., assignor.)
- Eastman Kodak Company. (See Patek, John M., assignor.)
- Eastman Kodak Company. (See Payne, Charles F., assignor.)
- Eastman Kodak Company. (See Peterson, Charles W., assignor.)
- Eastman Kodak Company. (See Peterson, Willard D., assignor.)
- Eastman Kodak Company. (See Phillips, Harlow D., assignor.)
- Eastman Kodak Company. (See Piker, Maurice L., assignor.)
- Eastman Kodak Company. (See Porter, H. D., and Weissberger, assignors.)
- Eastman Kodak Company. (See Riddell, William A., assignor.)
- Eastman Kodak Company. (See Robertson, Alfred C., assignor.)
- Eastman Kodak Company. (See Russell, John, assignor.)
- Eastman Kodak Company. (See Russell, H. D., and Miller, assignors.)
- Eastman Kodak Company. (See Salminen, I. F., Weissberger and Glass, assignors.)
- Eastman Kodak Company. (See Salo, Martin, assignor.)
- Eastman Kodak Company. (See Salo, M., and Mench, assignors.)
- Eastman Kodak Company. (See Schade, Willy, assignor.)
- Eastman Kodak Company. (See Schade, W., Tolle, and Van Graafeiland, assignors.)
- Eastman Kodak Company. (See Scott, John W., assignor.)
- Eastman Kodak Company. (See Sheppard, S. E., and Vanselow, assignors.)
- Eastman Kodak Company. (See Sherwood, Harold F., assignor.)
- Eastman Kodak Company. (See Simmons, Norwood L., assignor.)
- Eastman Kodak Company. (See Snell, J. M., Vanselow, and Weissberger, assignors.)
- Eastman Kodak Company. (See Seel, Paul C., assignor.)
- Eastman Kodak Company. (See Seel, Roland L., assignor.)
- Eastman Kodak Company. (See Soreny, Ernest V., assignor.)
- Eastman Kodak Company. (See Spence, J., and Sweet, assignors.)
- Eastman Kodak Company. (See Swan, D. R., and Calhoun, assignors.)
- Eastman Kodak Company. (See Talbot, Ralph H., assignor.)
- Eastman Kodak Company. (See Thompson, Benjamin, assignor.)
- Eastman Kodak Company. (See Tuttle, C. M., and Bornemann, assignors.)
- Eastman Kodak Company. (See Tuttle, F. E., and Stoiber, assignors.)
- Eastman Kodak Company. (See Van Derhoef, Henry E., assignor.)
- Eastman Kodak Company. (See Vogel, Carl P., assignor.)
- Eastman Kodak Company. (See Von Bramer, H., Davy, and Clemens, assignors.)
- Eastman Kodak Company, et al. (See Wadman, W. V., and Hurd, assignors.)
- Eastman Kodak Company. (See Wangerin, Elmer O., assignor.)
- Eastman Kodak Company. (See Wannamaker, Thomas E., assignor.)
- Eastman Kodak Company. (See Weissberger, Arnold, assignor.)
- Eastman Kodak Company. (See Weissberger, A., and Jolley, assignors.)
- Eastman Kodak Company. (See Wengel, Raymond W., assignor.)
- Eastman Kodak Company. (See Weyerts, Walter J., assignor.)
- Eastman Kodak Company. (See Wittel, Otto, assignor.)
- Eastman Kodak Company. (See Wittel, O., and Boon, assignors.)
- Eastman Kodak Company. (See Wynd, C. L. A., and Lane, assignors.)
- Eastman Kodak Company. (See Young, Richard V., assignor.)
- Eastman Kodak Company. (See Young, R. V., and Ehrenfried, assignors.)
- Eastman Kodak Company. (See Young, R. V., and Seymour, assignors.)
- Eastman Kodak Company. (See Yule, John A. C., assignor.)
- Eastman Kodak Company. (See Yutzzy, Henry C., assignor.)
- Eastman Kodak Company. (See Zabriskie, John W., assignor.)
- Eastman Oil Well Survey Company, et al. (See Miller, Leonidas C., assignor.)
- Eastman Oil Well Survey Company, et al. (See Miller, L. C., and Bolton, assignors.)
- Eastman Oil Well Survey Company, et al. (See Opocensky, Willard J., assignor.)
- Easton, James H. (See Rea, William H., assignor.)
- Easton Manufacturing Company. (See Russell, Robert C., assignor.)
- Easy Washing Machine Corporation. (See Little, Thomas J., Jr., assignor.)
- Easy Washing Machine Company. (See Nelson, Jabez C., assignor.)
- Easy Washing Machine Corporation. (See Scheele, Charles C., assignor.)
- Eaton, Charles F., Methuen, assignor to Bennett Incorporated, Cambridge, Mass. Outfit for shipping liquid and dipping articles therein. 2,318,842; May 11.
- Eaton, Ernest B. (See Bixby, L. A., Eaton, and Lapsley.)
- Eaton, George R., Oak Park, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Automatic telephone system. 2,321,588; June 15.
- Eaton, George T., and J. I. Crabtree, assignors to Eastman Kodak Company, Rochester, N. Y. Liquid hardener solution. 2,310,223; Feb. 9.
- Eaton, Irving C., Nichols, Conn., assignor to General Electric Company. Finishing electric conductors. 2,316,572; Apr. 13.
- Eaton, James T., Wyncote, assignor to E. F. Houghton and Co. Philadelphia, Pa. Silk-soaking composition and bath. 2,325,489; July 27.
- Eaton, John, assignor to Walker, Crossweller & Company Limited, Cheltenham, England. Thermostatic fluid mixing device. 2,332,995; Oct. 26.
- Eaton, Lewis B., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Tea bag. 2,307,998; Jan. 12.
- Eaton, Lewis B., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Method of and apparatus for making bags. 2,334,256; Nov. 16.
- Eaton Manufacturing Company. (See Findley, Howard J., assignor.)
- Eaton Manufacturing Company. (See Hoern, Joseph H., assignor.)
- Eaton Manufacturing Company. (See Keagy, David R., assignor.)
- Eaton Manufacturing Company. (See Newton, Paul D., assignor.)
- Eaton Manufacturing Company. (See Russell, Robert C., assignor.)
- Eaton Manufacturing Company. (See Shaw, Clarence W., assignor.)
- Eaton Manufacturing Company. (See Voorhies, Carl, assignor.)
- Eaton Manufacturing Company. (See Voorhies, Harry E., assignor.)
- Eaton Manufacturing Company. (See Williams, Robert A. and Robert A., Jr.)

- Eaton Manufacturing Company. (See Utz, George, assignor.)
- Eaton, Philip W., assignor of seven-tenths to T. A. Cotter, Boston, and three-tenths to C. E. Wilson, Brookline, Mass. Truck. 2,325,568; July 27.
- Eaton, Reginald O. (See Britton, K. L., and Eaton.)
- Eaton, Robert B., Des Moines, Iowa. Cutter. 2,329,399; Sept. 14.
- Eaton, Robert H., El Paso, Tex., assignor of fifteen per cent to M. A. Galatzan, El Paso, Tex., and twenty-five per cent to C. E. Brown, and five per cent to E. A. Schanzle, Cincinnati, Ohio. Coin conveying card. 2,311,742; Feb. 23.
- Eaton, Thomas T., Haddon Heights, N. J., assignor to Radio Corporation of America. Television system. 2,337,234; Dec. 21.
- Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake mechanism. 2,323,207; June 29.
- Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake mechanism. 2,323,208; June 29.
- Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Clutch control mechanism. 2,324,830; July 20.
- Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid coupling. 2,330,413; Sept. 28.
- Eaton, Wilfred A., and R. H. Casler, assignors to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid coupling. 2,335,825; Nov. 20.
- Eaton, William W., assignor to Eastman Kodak Company, Rochester, N. Y. View finder. 2,331,667; Oct. 12.
- Eaton, William W., Washington, D. C., assignor to Eastman Kodak Company, Rochester, N. Y. Speed control for motor driven cameras. 2,333,772; Nov. 9.
- Eavenson & Levering Co. (See Creely, J. W., and Levering, assignors.)
- Eaves, Carson D., Memphis, Tenn. Spike extractor. 2,330,874; Oct. 5.
- Ebbert, Daniel F., Wheeling, W. Va. Collapsible bed. 2,313,813; Mar. 7.
- Ebbert, Daniel F., Wheeling, W. Va. Chair. 2,318,067; May 4.
- Ebbets, George D., Kenilworth, W. H. Rowand, Plainfield, N. J., and G. J. Schoosow, Barberton, Ohio, assignors to The Babcock & Wilcox Company, Newark, N. J. Vapor generator. 2,333,644; Nov. 9.
- Ebbitt, William J., North Braddock, Pa. Electric connecting plug. 2,311,820; Feb. 23.
- Ebbs, Vernon M., Somerville, assignor of one-half to W. F. Heavey, East Milton, Mass. Suction holding device. 2,311,525; Feb. 16.
- Ebel, Friedrich, Mannheim, and F. Pyzik, Ludwigshafen-on-the-Rhine, Germany; vested in the Allen Property Custodian. Production of succinic acid. 2,312,468; Mar. 2.
- Ebel, William K., Kingsville, and A. E. Houstle, Jr., Baltimore, Md., N. F. Scudder, Los Angeles, Calif., and W. B. O'Neal, Baltimore, Md., assignors to The Glenn L. Martin Company. Feeding of fuel to engines. 2,323,525; July 6.
- Eberhard, Harmon S., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Transmission. 2,320,454; June 10.
- Eberhard, Harmon S., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Transmission. 2,323,384; July 6.
- Eberhardt, Daniel A., St. Louis, Mo. Rolling of flat strips. 2,310,356; Feb. 9.
- Eberhardt, Georg, Bitterfeld, Germany; vested in the Allen Property Custodian. Rectifying column. 2,315,190; Mar. 30.
- Eberhardt, Karl J., assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,317,264; Apr. 20.
- Eberhart, Arthur H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,324,620; July 20.
- Eberhart, Arthur H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,326,077; Dec. 7.
- Eberman, Augustus H. (See Sloan, E. C., and Eberman.)
- Ebersbach, John, et al executors. (See Taylor, Judson O.)
- Ebert, Dwight L., assignor to Norris Products, Chicago, Ill. Dry-cleaning solvent. 2,324,917; July 20.
- Ebert, Edward A., Buffalo, N. Y. Portable electric fan. 2,325,754; Aug. 3.
- Ebert, Edward A., Buffalo, N. Y., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Seal for washing machines or the like. 2,315,604; Apr. 6.
- Ebert, Frank C., Richmond Hill, assignor to Allied Control Company, Inc., New York County, N. Y. Connector lug structure. 2,329,460; Sept. 14.
- Ebert, Joseph F. (See Schmetzer, John J., assignor.)
- Ebert, Joseph F., Hollis, assignor to Allied Control Company, Inc., New York, N. Y. Relay structure. 2,329,036; Sept. 7.
- Ebling, Carl R. (See Moore, A. T., and Ebling.)
- Eby, Hugh H., Inc. (See Doty, Howard R., assignor.)
- Eby, Hugh H., Inc. (See Draving, Arthur M., assignor.)
- Eby, Hugh H., Inc. (See Eby, Hugh H., assignor.)
- Eby, Hugh H., Jenkintown, assignor to H. H. Eby, Inc., Philadelphia, Pa. Thermionic tube socket. 2,319,728; May 18.
- Eby, Hugh H., Jenkintown, assignor to Hugh H. Eby, Inc., Philadelphia, Pa. Thermionic tube socket. 2,330,817; Oct. 5.
- Eby, Hugh H., Jenkintown, assignor to Penn Electric Development Corporation, Philadelphia, Pa. Strain relief devices. 2,331,313; Oct. 12.
- Eby, Ivan D., Ridgewood, N. J. Ship's funnel. 2,326,446; Aug. 10.
- Echlin Manufacturing Company. (See Lansdale, Benjamin C., assignor.)
- Eck, Howard W. (See Ford, J. H., and Eck.)
- Eckardt, Helmut, Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic wall panel. 2,308,869; Jan. 19.
- Eckart, Walter W., Chicago, Ill. Power transmission pump. 2,330,565; Sept. 28.
- Eckel John E., Houston, Tex., assignor to Standard Oil Development Company. Method and apparatus for completing wells. 2,335,168; Dec. 7.
- Eckel, John E., and G. M. McCarty, Houston, Tex., assignors to Standard Oil Development Company. Sand filter for gas and oil wells. 2,308,160; Jan. 12.
- Eckert, Clarence R., Englewood, N. J., assignor to The Celotex Corporation, Chicago, Ill. Making expansion joints. 2,305,065; Jan. 12.
- Eckert, Felix H., San Antonio, Tex. Well baller. 2,333,305; Nov. 2.
- Eckert, Joseph F., Jr., Philadelphia, Pa., assignor to Radio Corporation of America. Art of examining quartz. 2,328,068; Sept. 7.
- Eckey, Eldred, Cincinnati, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Fractional distillation. 2,333,712; Nov. 9.
- Eckfeldt, Edgar L., Ambler, Pa. Method of and apparatus for treating teeth. 2,334,814; Nov. 23.
- Eckhardt, Paul K., Sharpshoer, assignor to the Union Switch & Signal Company, Swissvale, Pa. Electrical polar neutral ray. 2,336,782; Dec. 14.
- Eckhardt, Walter L., Overbrook, assignor to Hygeon Corporation, Philadelphia, Pa. Sterilizing cabinet. 2,310,768; Feb. 9.
- Eckler, Leopold, Binghamton, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Thin sheets, films, and the like. 2,335,746; Nov. 30.
- Eckman, George E., New Milford, N. J., assignor to American Can Company, New York, N. Y. Container reclosure. 2,333,645; Nov. 9.
- Eckstein, George K. (See Hutchinson, C. L., and Eckstein.)
- Eckstein, George R., Bridgeport, Conn., and O. W. Diversall, Old Hickory, Tenn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Drying. 2,308,161; Jan. 12.
- Eckstein, George R., and J. P. Catlin, assignors to Remington Arms Company, Inc., Bridgeport, Conn. Hydraulic testing machine. 2,336,078; Dec. 7.
- Eckstine, Josephine, Los Angeles, Calif. Curtain rod and hanger. 2,329,886; Sept. 24.
- Ecla Patents Corporation. (See Schwartz, F. F., and Chavannes, assignors.)
- Economic Machinery Company. (See Craig, Francis A., assignor.)
- Economy Screw Corporation. (See Cherry, Andrew J., assignor.)
- Economy Valve Company. (See Osterkorn, Frederick N., assignor.)
- Ecusta Paper Corporation. (See Denton, Jesse R., assignor.)
- Edahl, Knute, and C. J. Holland, Chicago, Ill., assignors to Holland Company. Railway car truck. 2,309,634; Feb. 2.
- Edborg, Harold, Chicago, assignor to Strombeck Press, Inc., Moline, Ill. Folding picture puzzle. 2,327,875; Aug. 24.
- Edborg, Harold, Chicago, assignor to Strombeck Press, Inc., Moline, Ill. Folding picture puzzle. 2,327,876; Aug. 24.
- Eddins, John R., Chicago, Ill. Eyecup. 2,328,627; Sept. 7.
- Eddy, Arnold, Stamford, Conn., assignor to Michael S. Striker, New York, N. Y. Preventing curling of the edges of knitted fabrics. 2,319,307; May 8.
- Eddy, Arnold, Stamford, Conn., assignor of twenty per cent to E. G. Dentay, Toronto, Ontario, Canada, and fifty per cent to M. S. Striker, New York, N. Y. Pick-counting device. 2,326,768; Aug. 17.
- Eddy, Arnold, Middletown, Conn., assignor of twenty per cent to E. G. Dentay, Toronto, Ontario, Canada, and fifty per cent to M. S. Striker, New York, N. Y. Device for counting the number of picks in a fabric. 2,326,769; Aug. 17.
- Eddy, Charles W., East Providence, R. I. Micrometer. 2,329,598; Sept. 14.
- Eddy, Edwyn A., Stewart Manor, Long Island, assignor to Brevette Aeronautical Corporation, Long Island City, N. Y. Airplane retractable landing gear. 2,323,385; July 6.

- Eddy, Gerald A., Glendale, Calif., assignor of one-half to Fritz B. Burns. Folding representation of a globe. 2,333,162; Nov. 2.
- Eddy, Harold C., Los Angeles, Calif., assignor, by mesne assignments, to Petrolite Corporation, Ltd., Wilmington, Del. Electrical treater method. 2,315,051; Mar. 30.
- Eddy, M. C., et al. (See Rouse, Benjamin H., assignor.)
- Eddy Paper Corporation, The. (See Rehfeld, W. A., and Naylor, assignors.)
- Eddy, William C., Kenilworth, Ill. Control mechanism. 2,328,628; Sept. 7.
- Eddy, William C., Kenilworth, assignor to Balaban & Katz Corporation, Chicago, Ill. Collapsible dolly. 2,321,901; June 15.
- Eddy, William C., Kenilworth, Ill., assignor to Radio Corporation of America. Supporting apparatus. 2,326,207; Aug. 10.
- Eddy, William C., Port Washington, N. Y., assignor to Radio Corporation of America. Projecting kaleidoscope device. 2,307,202; Jan. 5.
- Eddy, William C., Port Washington, N. Y., assignor to Radio Corporation of America. Remote control apparatus. 2,332,785; Oct. 26.
- Eddy, William C., Michigan City, Ind., assignor to Balaban & Katz Corporation, Chicago, Ill. Television camera. 2,315,406; Mar. 30.
- Eddy, William C., Long Island, N. Y., assignor to Radio Corporation of America. Exhibiting apparatus. 2,327,626; Aug. 24.
- Eddy, William C., Chicago, Ill., assignor to Radio Corporation of America. Optical image reversing and/or inverting system. 2,327,700; Aug. 24.
- Eddy, William C., Chicago, Ill., assignor to Radio Corporation of America. Projection kaleidoscope. 2,329,112; Sept. 7.
- Edelberg, William. (See Krasnow, S., and Edelberg.)
- Edelen, James L., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor metering control. 2,329,748; Sept. 21.
- Edelman, Beril, Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Adjustable camlike control apparatus. 2,310,357; Feb. 9.
- Edelman, Beril, Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Article forming apparatus. 2,313,525; Mar. 9.
- Edelman, Beril, Brooklyn, assignor to Western Electric Company, Incorporated, New York, N. Y. Material forming apparatus. 2,329,256; Sept. 14.
- Edelman, Walter E. (See Krommiller, C. G., and Edelman.)
- Edelmann, E., & Co. (See Blanchard, Roswell W., assignor.)
- Edelmann, E., & Co. (See Lutz, H. J., and Edelmann, assignors.)
- Edelmann, Leo. (See Lutz, H. J., and Edelmann.)
- Edelmann, Leo, Chicago, Ill. Article container drawer. 2,309,888; Feb. 2.
- Edelmann, Leo, Chicago, Ill. Hydrometer. 2,320,417; June 1.
- Edelmann, Leo, Chicago, Ill. Thermohydrometer. 2,323,386; July 6.
- Edelmann, Leo, Chicago, Ill. Thermohydrometer. 2,331,542; Oct. 12.
- Edelstein, Oscar, New Haven, Conn., assignor to The Pond L.L. Company. Treating water repellent textile material. 2,323,387; July 6.
- Edelstein, Sidney M., Elizabeth, N. J. Cellulose product. 2,322,427; June 22.
- Eden, Christopher G., Rickmansworth, England, assignor to General Electric Company. Apparatus for drilling diamonds and like purposes. 2,324,374; July 13.
- Edenburg, Josef, Vienna, Germany; vested in the Alien Property Custodian. Friction lighter. 2,308,225; Jan. 12.
- Edens, Henry N., and C. B. Molter, assignors to Stover Manufacturing & Engine Co., Freeport, Ill. Windmill. 2,307,622; Jan. 6.
- Ederer, Lothar A. (See Runquist, E. M., and Ederer.)
- Ederer, R. J., Company. (See Runquist, E. M., and Ederer, assignors.)
- Edey, Violet J., Winnipeg, Manitoba, Canada. Jug and pitcher closure. 2,331,380; Oct. 12.
- Edgar Brothers Company. (See Rowland, Ben W., assignor.)
- Edge, Dexter, and P. H. Wray, Gary, Ind. Apparatus for treating galvanizing work. 2,312,085; Feb. 23.
- Edgemond, John W., Richmond Heights, Mo., assignor to The Glenn L. Martin Company, Middle River, Md. Aircraft construction. 2,338,030; Dec. 28.
- Edgerton, Harold E., Belmont, Mass. Switching system for light-flash-producers, such as stroboscopes. Re. 22,260; Feb. 2.
- Edgewater Steel Corporation. (See Bell, D. S., and Dunham, assignors.)
- Edington, Jack L., Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Rubber bushed joint. 2,328,330; Aug. 31.
- Edison General Electric Appliance Company. (See Andrews, John L., assignor.)
- Edison General Electric Appliance Company. (See Berg, Leo F., assignor.)
- Edison General Electric Appliance Company. (See Kempton, Leslie A., assignor.)
- Edison General Electric Appliance Company. (See Rees, Gregory L., assignor.)
- Edison General Electric Appliance Company. (See Shroyer, Jacob L., assignor.)
- Edison General Electric Appliance Company. (See Stoddard, Edgar S., assignor.)
- Edison General Electric Appliance Company. (See Walker, Forrest A., assignor.)
- Edison General Electric Appliance Company. (See Winborne, R. A., and Coultrick, assignors.)
- Edison, John S., Burbank, Calif. Typewriter combination. 2,322,289; June 22.
- Edison-Splitdorf Corporation. (See Nowosielski, Edward B., assignor.)
- Edison, Thomas A., Incorporated. (See Braun, Gustav F., assignor.)
- Edison, Thomas A., Incorporated. (See Carlson, Henry S., assignor.)
- Edison, Thomas A., Incorporated. (See Dann, Charles W., assignor.)
- Edison, Thomas A., Incorporated. (See Di Toro, Michael J., assignor.)
- Edison, Thomas A., Incorporated. (See Fritzyer, George H., assignor.)
- Edison, Thomas A., Incorporated. (See Gardenier, Clyde B., assignor.)
- Edison, Thomas A., Incorporated. (See Huenlich, Charles, assignor.)
- Edison, Thomas A., Incorporated. (See Jacobs, Charles T., assignor.)
- Edison, Thomas A., Incorporated. (See Johnson, Emil T., assignor.)
- Edison, Thomas A., Incorporated. (See Kelly, Frederick G., assignor.)
- Edison, Thomas A., Incorporated. (See Somers, Richard M., assignor.)
- Edison, Thomas A., Incorporated. (See Wilson, Herbert O., assignor.)
- Edison Wood Products, Incorporated. (See Webb, Charles E., assignor.)
- Edmonds, Albert H., and H. M. Noble, Lancaster, Ohio. Pattern controlled machine. 2,330,566; Sept. 28.
- Edmonds, Edward C., et al. (See Oldham, Fred A. M., assignor.)
- Edmondson, William H., Oak Park, Ill., assignor to United Biscuit Company of America. Doctor blade mechanism. 2,323,983; July 13.
- Edmonson, Robert E., Beaumont, Tex. Cardboard box top construction. 2,315,947; Apr. 6.
- Edmunds, Alvin M., assignor to The Dow Chemical Company, Midland, Mich. Inhibited hygroscopic salt solution. 2,319,667; May 18.
- Edmunds, Alvin M., assignor to The Dow Chemical Company, Midland, Mich. Hygroscopic salt solution containing an aryl guanidine inhibitor. 2,319,668; May 18.
- Edmundson, William C., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Electrical condenser. 2,323,124; June 29.
- Edna Brass Mill Company, The. (See Hedeman, W. N., and Snyder, assignors.)
- Edson, Earle R., Gloucester, and C. Q. Ives, Reading, assignors to Le Page's Inc., Gloucester, Mass. Making sized paper products. 2,337,458; Dec. 21.
- Edson, Earle R., Gloucester, and C. Q. Ives, Reading, assignors to Le Page's Inc., Gloucester, Mass. Sizing paper with starch. 2,337,459; Dec. 21.
- Edson, William W., Auburndale, Mass., assignor to General Electric Company. Operating mechanism for electric switches. 2,325,382; July 27.
- Edstrom, Karl A., assignor to The Electric Alarms Company, Inc., Denver, Colo. Inertia switch. 2,325,908; Aug. 3.
- Edward, Walter G., and G. M. Frost, Johannesburg, Transvaal, Union of South Africa. Detachable cantilever bracket structure. 2,336,604; Dec. 14.
- Edwards, Aaron M., Skellytown, Tex. Valve. 2,331,602; Oct. 12.
- Edwards, Barton R., Berkeley, Calif. Biscuit cutting device. 2,310,224; Feb. 9.
- Edwards, Donald V., Montclair, N. J., assignor to Electronic Industries circuit. 2,320,227; May 25.
- Edwards, Edwin F. (See Beckman, F. G., and Edwards.)
- Edwards, Edward Jr., Chicago, Ill. Preventing skin drying of inks, varnishes, paints, etc. 2,325,380; July 27.
- Edwards, Frederick B., Florissant, Mo., assignor to Curtiss-Wright Corporation. Quick disconnect device. 2,335,000; Nov. 13.
- Edwards, Griffith E., Whitefish Bay, assignor to Walter M. Ericson, Milwaukee, Wis. Building insulation. 2,335,220; Nov. 23.
- Edwards, Harold, Syracuse, and R. B. Nelson, Onondaga, assignors to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window construction unit. 2,310,621; Feb. 9.
- Edward, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injection pump. 2,309,074; Jan. 19.
- Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Governor. 2,312,212; Feb. 23.
- Edwards, Hilbert E., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control mechanism. 2,326,208; Aug. 10.

- Edwards Iron Works, Inc. (See Edwards, William H., assignor.)
- Edwards, John T. (See Prince, R. E., and Edwards.)
- Edwards, Lawrence L., Cleveland, Ohio. Mower. 2,309,635; Feb. 2.
- Edwards, Le Roy V., Rockville Centre, R. E. Tarring, Mulverne, and A. A. Weiss, Jr., Brooklyn, N. Y. Thermometer. 2,310,677; Apr. 15.
- Edwards, Martin A., Scotia, N. Y., assignor to General Electric Company. Electric circuit. 2,313,526; Mar. 9.
- Edwards, Martin A., Scotia, N. Y., assignor to General Electric Company. Vibrator inverter system. 2,313,527; Mar. 9.
- Edwards, Martin A., Scotia, N. Y., assignor to General Electric Company. Power system. 2,324,293; July 13.
- Edwards, Martin A., Scotia, N. Y., assignor to General Electric Company. Generator control and regulation. 2,330,037; Sept. 21.
- Edwards, Martin A., Scotia, and D. E. Carr, Schenectady, N. Y., assignors to General Electric Company. Regulating and control circuit. 2,334,179; No. 16.
- Edwards, Martin A., Scotia, and D. R. Shoups, Schenectady, N. Y., assignors to General Electric Company. Control system. 2,325,381; July 27.
- Edwards, O. M., Company, The. (See Axe, Roy T., assignor.)
- Edwards, O. M., Company, The. (See Edwards, H., and Nelson, assignors.)
- Edwards, Paul G. (See Abraham, L. G., Edwards, and Francis.)
- Edwards, Paul G. (See Dickleson, A. C., and Edwards.)
- Edwards, Paul G., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system regulation. 2,326,770; Aug. 17.
- Edwards, Paul G., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Speech transmission system. 2,328,434; Aug. 31.
- Edwards, Robert B., Baltimore, Md. Oscillator circuit. 2,311,163; Feb. 16.
- Edwards, Russell W. See Hagness, John, assignor.)
- Edwards, William F. M., Escher, assignor to Filter Tips Limited, London, England. Manufacture of cigarettes. 2,335,747; Nov. 30.
- Edwards, William G. (See Burch, C. J., and Edwards.)
- Edwards, William G., Kenmore, N. Y., assignor to The Linde Air Products Company. Treating castings. 2,322,268; June 22.
- Edwards, William H., assignor to Edwards Iron Works, Inc., South Bend, Ind. Vehicle seat construction. 2,309,445; Jan. 26.
- Edyvean, Wilfred B., assignor to General Motors Corporation, Detroit, Mich. Deburring machine. 2,327,407; Aug. 24.
- Efird, Crayon C., and W. L. Marshall, Albemarle, N. C. Stripping apparatus. 2,311,038; Feb. 16.
- Efrainovich, Yuri E., Moscow, Union of Soviet Socialist Republics. Automatic induction regulator for arc and ore furnaces and similar automatic purposes. 2,335,399; Nov. 30.
- Egeberg, Birger, assignor to International Silver Company, Meriden, Conn. Free grinding device for steels and alloys. 2,325,181; July 27.
- Eger, Ernst, Grosse Pointe Park, Mich., assignor to United States Rubber Company, New York, N. Y. Bullet resisting armor. 2,318,301; May 4.
- Eggebrecht, Oscar, Wausau, assignor to Marathon Paper Mills Company, Rothschild, Wis. Shell carton. 2,325,755; Aug. 3.
- Eggebrecht, Oscar, Wausau, K. Koehler, Neenah, and F. J. Grupper, Jr., Menasha, assignors to Marathon Paper Mills Company, Rothschild, Wis. Cartridge carton. 2,325,756; Aug. 3.
- Eggenschwiler, Charles E. (See Enderlich, W. S., and Eggenschwiler.)
- Egger, Eduard J. W., Bellevue, Pa., C. V. Johnson, Brantford, N. J., and R. B. Smith, Pittsburgh, Pa., assignors to General Air Products Company. Making blowpipe nozzles. 2,334,257; Nov. 16.
- Eggers, Hans A., Van Wert, Ohio. Container. 2,307,923; Jan. 12.
- Eggers, Hans A., Van Wert, Ohio, assignor to Continental Can Company, Inc., New York, N. Y. Container. 2,326,209; Aug. 10.
- Eggers, Hans A., Van Wert, Ohio, assignor to Continental Can Company, Inc., New York, N. Y. Coating fiber containers. 2,337,981; Dec. 28.
- Eggert, Johann. (See Gallendien W., and Eggert.)
- Eggert, John. (See Bohner, G., Wendt and Eggert.)
- Eggert, John. (See Kallman, H. I., Kuhn, and Eggert.)
- Eggert, John, Leipzig, and H. F. Nissen, Dessau, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of color film having a silver sound track. 2,313,632; Mar. 9.
- Eggert, John, Leipzig-Gohlis, and B. Wendt, Dessau, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Color photographs. 2,320,418; June 1.
- Eggert, William H., assignor to Zaremba Company, Buffalo, N. Y. Colling apparatus. 2,337,317; Dec. 21.
- Eggleston, Herbert L., Glendale, R. H. Pierson, Alhambra, and J. B. Mullin, San Marino, Calif., assignors to Gilmore Oil Company. Desalting crude petroleum. 2,329,887; Sept. 21.
- Eggleston, Robert S., Watertown, N. Y., assignor to The New York Air Brake Company. Packed joint. 2,307,828; Jan. 12.
- Egg-Safety Carton Corporation. (See Moore, George C., Jr., assignor.)
- Egli, Rudolf, Zurich, Switzerland. Fuel feeding device for internal combustion engines. 2,314,926; Mar. 30.
- Eglington, George F., Detroit, assignor to Carbur, Inc., Lincoln Park, Mich. Cutting tool. 2,334,765; Nov. 23.
- Egloff, Gustav. (See Thomas, C. L., and Egloff.)
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,307,773; Jan. 12.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Catalytic cracking of hydrocarbons. 2,315,192; Mar. 30.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,316,775; Apr. 20.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,318,765; May 11.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,319,495; May 18.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,322,794; June 29.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Desulphurizing hydrocarbon distillate. 2,323,115; July 27.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,326,628; Aug. 10.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,331,069; Oct. 5.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,332,562; Oct. 26.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,332,563; Oct. 26.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,332,564; Oct. 26.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbon oils. 2,333,851; Nov. 9.
- Egloff, Gustav, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,333,852; Nov. 9.
- Egloff, Gustav, and V. Komarewsky, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,326,627; Aug. 10.
- Ego, George R., Brantford, Ontario, assignor to Massey-Harris Company Ltd., Toronto, Ontario, Canada. Direct coupled plow. 2,319,070; May 18.
- Ego, George R., Brantford, assignor to Massey-Harris Co. Ltd., Toronto, Ontario, Canada. Rear pressure hitch for plows. 2,332,065; Oct. 19.
- Egolf, Charles B., assignor to Röhm & Haas Company, Philadelphia, Pa. Preparing sheets. 2,328,525; Aug. 31.
- Egry Register Company, The. (See Kennedy, Andrew J., Sr., assignor.)
- Egry Register Company, The. (See Pfeiffer, William C., assignor.)
- Egry Register Company, The. (See Washburne, George F., assignor.)
- Egry Register Company, The. (See Wyrick, Clayton E., assignor.)
- Egy, Willard L., assignor to W. & L. E. Gurley, Troy, N. Y. Inserter. 2,316,573; Apr. 13.
- Ehle, George E., Lancaster Township, Lancaster, County, assignor to Armstrong Cork Company, Lancaster, Pa. Shoe bottom filling material. 2,317,326; Apr. 20.
- Ehlers, Edward, Montclair, N. J. Heating furnace. 2,325,757; Aug. 3.
- Ehlers, George M., and G. Kodama, assignors to Globe-Tins, Inc., Milwaukee, Wis. Variable condenser. 2,326,341; Aug. 10.
- Ehlers, Otto W., Los Angeles, Calif. Tire carrier for the cover of an automobile luggage compartment. 2,320,856; June 1.
- Ehlert, William A. (See Gaines, F. W., 3rd, and Ehlert.)
- Ehman, Philip J., and W. O. Walker, assignors to Ansul Chemical Company, Marinette, Wis. Preparing hydroxylamine hydrochloride. 2,319,669; May 18.
- Ehnbom, Bo K. G., assignor to Platen-Munters Refrigerating System, Aktiebolag, Stockholm, Sweden. Refrigeration. 2,337,653; Dec. 28.
- Ehrenberg, Hermann, Frankfurt-on-the-Main, Germany; vested in the Allen Property Custodian. Feed apparatus for profile copying machines. 2,330,567; Sept. 28.
- Ehrenfeld, Heinrich, New York, N. Y. Venetian blind structure. 2,315,605; Apr. 6.
- Ehrenfeld, Louis, Milwaukee, Wis., assignor to Pabst Brewing Company, Chicago, Ill. Container. 2,310,408; Feb. 9.
- Ehrenfried, George. (See Young, R. V., and Ehrenfried.)

- Ehrenfried, George, assignor to Eastman Kodak Company, Rochester, N. Y. Producing dye images. 2,322,001; June 15.
- Ehrenhaft, Viktor, Brunn, Moravia; vested in the Allen Property Custodian. Manufacture of hollow bodies. 2,335,400; Nov. 30.
- Ehresmann, Adam, Kaiserslautern, Pfalz, and L. Streibel, Karlsruhe, Baden, Germany; vested in the Allen Property Custodian. Sole-sewing machine. 2,320,578; June 1.
- Ehret, Anthony. (See Bonanno, J. L., and Ehret.)
- Ehret, Anthony, Hillside, N. J., and H. J. Ferri, Port Richmond, Staten Island, assignors to The Lionel Corporation, New York, N. Y. Bell ringing mechanism. 2,307,203; Jan. 5.
- Ehret, Robert J., Haddonfield, N. J., and J. L. Barnes, Winchester, Mass., assignors to Radio Corporation of America. Modulation system. 2,321,285; June 8.
- Ehrhardt, Earl V. (See Lea, W. A., and Ehrhardt.)
- Ehrhardt, Robert A., New Providence, N. J., and E. E. Wright, Whitestone, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Assembling dry rectifiers and the like with solder. 2,321,071; June 8.
- Ehrlich, Josef, Vienna, Germany; vested in the Allen Property Custodian. Detecting alterations of documents. 2,315,111; Mar. 30.
- Ehrlich, Louis B., Toledo, Ohio. Electric windshield wiper. 2,307,204; Jan. 5.
- Ehrlich, Louis R., Toledo, Ohio. Solenoid switch. 2,326,342; Aug. 10.
- Ehrlich, Melville, Buffalo, N. Y., assignor to Allied Chemical & Dye Corporation. Gum inhibitor. 2,307,455; Jan. 5.
- Ehrlich, William, Fox River, Wis., assignor of forty-five percent to Albert J. Fihe, Chicago, Ill. Perforated pie band. 2,316,574; Apr. 13.
- Ehrmann, Kurt. (See Staeger, R., Assmann and Ehrmann.)
- Ehrsam, Frederick, Reading, Pa. Implement and making same. 2,335,497; Nov. 30.
- Elane, Halvor O., Washington Island, Wis. Radial connecting rod. 2,318,474; May 4.
- Eliott, Michael A., Cleveland, Ohio. Cleaning bags. 2,323,713; Nov. 9.
- Eich, Frank A., Melrose, Mass., and F. E. Higgins, Plakstow, N. H., assignors to United Shoe Machinery Corporation, Flemington, N. J. Method of grinding twist drills and machine for same. 2,328,549; Sept. 7.
- Eich, Frank A., Melrose, Mass., and F. E. Higgins, Plakstow, N. H., assignors to United Shoe Machinery Corporation, Flemington, N. J. Drill. 2,328,629; Sept. 7.
- Eichen, Orville F. (See Downey, B. R., Eichen, and Ballow.)
- Eichenberger, Erwin, Detroit, Mich. Pencil type flashlight. 2,326,343; Aug. 10.
- Eichinger, Henri, Wilmington, Del. Manufacture of conductors. 2,334,697; Nov. 30.
- Eichinger, Philippe E. H., Clichy, France; vested in the Allen Property Custodian. Electric conductor. 2,334,756; Nov. 23.
- Eichner, Edward R., Montclair, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Liquid dispensing mechanism. 2,317,956; Apr. 27.
- Eichner, Ferdinand R., Pontiac, Mich. Detachable clasp. 2,328,630; Sept. 7.
- Elekhoft, John C., Cold Spring, Minn. Quarrying tool for broach drilling. 2,308,067; Jan. 12.
- Elekman, Willis E. (See Robertson, W. H., and Elekman.)
- Elekmeier, Earl E., and A. G. Horvath, assignors to The Dayton Pump & Manufacturing Company, Dayton, Ohio. Ticket issuing fuel dispensing apparatus. 2,328,430; Aug. 31.
- Elekemeyer, Henry, assignor to G. Auer, Chicago, Ill. Filter system and apparatus. 2,322,428; June 22.
- Elekemeyer, Henry, assignor to G. Auer, Chicago, Ill. Filter apparatus. 2,328,436; Aug. 31.
- Elco, Incorporated. (See Hokanson, Martin, assignor.)
- Elde, Alwin C., Columbus, Ohio, and H. A. Depew, Haddonfield, N. J., assignors to American Zinc, Lead & Smelting Company, St. Louis, Mo. Conditioning paints. 2,333,367; Nov. 2.
- Elde, Guy R., Detroit, Mich. Collapsible book rack and divider. 2,334,912; Nov. 23.
- Eldmann, Frank L., Princeton, and G. C. Engel, Ridgewood, N. J., assignors to General Time Instruments Corporation, New York, N. Y. Time measuring instrument. 2,307,999; Jan. 12.
- Eldson, Robert W., Seattle, Wash., assignor to American Can Company, New York, N. Y. Container. 2,326,771; Aug. 17.
- Elfer, Henry J., New York, N. Y. Orange and grapefruit peeler. 2,309,177; Jan. 26.
- Ellers, Charles A., Montague, Mich. Detachable spout. 2,315,250; Mar. 30.
- Ellers, Frank B., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,336,473; Dec. 14.
- Ellers, Frank B., and F. J. Graef, assignors to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Liquid dispensing nozzle. 2,311,292; Feb. 16.
- Ellers, Frank B., and F. J. Graef, assignors to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Liquid dispensing nozzle. 2,318,933; May 11.
- Ellers, Louis K. (See Nadeau, G. F., and Ellers.)
- Elken, Johannes, Heidenheim-on-the-Brenz, Germany, assignor to American Voith Contact Company, Inc. Resilient coupling. 2,313,467; Mar. 9.
- Elmco Corporation, The. (See Bowman, Clarence B., assignor.)
- Elson-Freeman Co. (See Gold, Sam, assignor.)
- Elson-Freeman Co. (See Horr, John V., assignor.)
- Einstein, Sol. (See Dall, A. H. Ernst, and Einstein.)
- Einstoss, Sigmund. (See Levine, Morris, assignor.)
- Einwaechter, Frederick H., Jr., Halethorpe, Md., and W. N. Hedeman, Cincinnati, Ohio. Steam superheater. 2,328,896; Sept. 7.
- Eipper, William R., Wilkes-Barre, Pa. Isomerization of fats and oils. 2,310,225; Feb. 9.
- Eisel, Vernon G., Brooklyn, N. Y., assignor to Childhood Interests, Inc. Infant exerciser. 2,327,253; Aug. 17.
- Eisele, Andrew, Detroit, Mich. Gauge. 2,325,996; Aug. 3.
- Eiseman, Bernhard J., Jr., Memphis, Tenn. Making adhesive-coated surfaces and products so made. 2,321,072; June 8.
- Eisemann Magneto Corporation. (See Tabb, Warner T., assignor.)
- Eisenberg, George M. (See Moerk, F. N., and Eisenberg.)
- Eisenberg, George M., assignor to Stow Manufacturing Company, Inc., Binghamton, N. Y. Ferrule. 2,320,579; June 1.
- Eisenbeis, George G., Conklin, assignor to Stow Manufacturing Company, Inc., Binghamton, N. Y. Winding tool. 2,328,792; Sept. 7.
- Eisner, Henry, Bronx, N. Y. Boiler repair device. 2,329,037; Sept. 7.
- Eisenberg, Jakob, Brooklyn, N. Y. Corner and border making stencil. 2,334,913; Nov. 23.
- Eisenberg, Maurice, Millburn, assignor, by mesne assignments, to Downy Products Co., Orange, N. J. Scouring implement. 2,310,945; Feb. 16.
- Eisendrath Glove Company. (See Eisendrath, Robert M., assignor.)
- Eisendrath, Robert M., assignor to Eisendrath Glove Company, Chicago, Ill. Hand protector. 2,322,710; June 22.
- Eisenhand, Edna T., et al., executors. (See Traylor, John A.)
- Eisenlohr, Gustav W., Wyoming, assignor to The M. Werk Company, St. Bernard, Ohio. Apparatus for liquid flowing through heated tubes. 2,318,206; May 4.
- Eisenman, Louis, Brooklyn, assignor to Solo Products Corporation, New York, N. Y. Hair curling device. 2,322,429; June 22.
- Eisenman, Louis, Brooklyn, N. Y. Hair curler. 2,328,331; Aug. 31.
- Eisenschmidt, William, Pittsburgh, Pa., assignor to Pittsburgh Taximeter Company. Parking meter. 2,333,994; Nov. 9.
- Eisgrau, Leon, Brooklyn, N. Y. Boxlike bag. 2,331,966; Oct. 19.
- Eisler, Charles, South Orange, N. J. Conveyer for glass vials. 2,313,814; Mar. 16.
- Eisler, Henry G., Wilmette, Ill. Oil filter. 2,328,131; Aug. 31.
- Eitel-McCullough, Inc. (See Eitel, W. W., and McCullough, assignors.)
- Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electronic tube. 2,310,769; Feb. 9.
- Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Cathode structure. 2,314,037; Mar. 16.
- Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electronic tube. 2,315,510; Apr. 6.
- Eitel, William W., and J. A. McCullough, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electrical discharge device. 2,334,397; Nov. 16.
- Eitel, William W., Salt Lake City, Utah, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Electronic tube and making the same. 2,335,587; Nov. 30.
- Etzen, August D., Rockville Centre, N. Y. Telegraphic system and apparatus. 2,337,035; Dec. 21.
- Ekdahl, Carl E., assignor to Harrington & Richardson Arms Company, Worcester, Mass. Selective ejector mechanism. 2,333,528; Nov. 2.
- Ekert, Werner, Long Island City, N. Y. Condensing and distilling device. 2,324,257; July 13.
- Ekholm, Carl G., Lidköping, Sweden. Centerless grinding machine. 2,322,619; June 22.
- Ekholm, Carl G., Lidköping, Sweden. Centerless grinding machine. 2,322,620; June 22.
- Ekkebus, Eloy D., Mount Prospect, assignor to Chicago Belting Company, Chicago, Ill. Piston member and manufacturing it. 2,309,446; Jan. 26.
- Eklund, Howard J., assignor to Kolyan Corporation, Chicago, Ill. Rivet and making same. 2,324,142; July 13.
- Eklund, John E., Neosho County, Kans. Bundle header. 2,312,530; Mar. 2.

- Ekman, Olof I. H., Stockholm, and H. T. Nicou, Sodra Amsby, near Stockholm, Sweden. Resident stretcher-supporting device for vehicles. 2,321,685; July 20.
- Ekman, Haant, Weehawken, assignor to Colonial Lighting Co. Inc., North Bergen, N. J. Gaseous discharge device. 2,314,184; Mar. 19.
- Ekonomi-register Inc. (See Magnusson, Elis M., assignor.)
- Ekonomi-register Inc. (See Nyberg, Ernst V., assignor.)
- Eksbergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake construction. Re. 22,242; Jan. 5.
- Eksbergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Braking system. 2,308,499; Jan. 19.
- Eksbergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Braking system and control therefor. 2,308,500; Jan. 19.
- Eksbergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Master cylinder. 2,308,501; Jan. 19.
- Eksbergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Differential wheel. 2,330,790; Sept. 28.
- Eksbergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Brake. 2,320,995; Aug. 17.
- Eksbergian, Ripen, Media, and R. H. Horton, J. W. Morton, and N. K. Skivesen, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Truck construction. 2,313,740; Mar. 16.
- Eksbergian, Ripen, Lansdowne, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Fatigue-testing machine. 2,317,097; Apr. 20.
- Ekstedt, Henry V., assignor to E. F. Pohl, St. Louis, Mo. Electric steaming iron. 2,311,164; Feb. 16.
- Ekstedt, John W., Union, N. J., assignor to General Tool & Manufacturing Company. Profile grinding machine. 2,331,381; Oct. 12.
- Ekstedt, John W., and K. W., Union, assignors to General Eyelid Supply Company, Inc., Roselle Park, N. J. Method of and blank for producing eyelids or the like. 2,309,942; Feb. 2.
- Ekstedt, Kenneth W. (See Ekstedt, John W. and K. W.)
- Elastic Stop Nut Corporation. (See Hungerford, Daniel C., assignor.)
- Elastic Stop Nut Corporation. (See La Barre, Dwight, assignor.)
- Elb Products, Inc. (See Benedict, Edward L., assignor.)
- Elbert, Robert S., Jr., assignor to Landis Tool Company, Waynesboro, Pa. Adjustable speed drive. 2,315,511; Apr. 6.
- Elderfield, Robert C., Hastings on Hudson, and J. Fried, New York, N. Y., assignors to Eli Lilly and Company, Indianapolis, Ind. a-pyrone and preparing it. 2,334,180; Nov. 16.
- Eldred, Byron E., Scarsdale, assignor to Continuous Casting Corporation, New York, N. Y. Making drawn, pressed, or stamped cupped objects of metals and alloys. 2,312,830; Mar. 2.
- Eldredge, Kenneth R., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Detonation measurement. 2,337,522; Dec. 21.
- Electric Alarms Company, The. (See Edstrom, Karl A., assignor.)
- Electric Auto-Lite Company. (See Liner, Joseph I., assignor.)
- Electric Controller & Manufacturing Company, The. (See McArthur, B. E., and Myles, assignors.)
- Electric Controller & Manufacturing Company, The. (See White, Paul G., assignor.)
- Electric Controller & Manufacturing Company, The. (See Wilcox, Harry L., assignor.)
- Electric Heating Equipment Company. (See Matthews, E. I., Cherkey, and Scheinfeld, assignors.)
- Electric Household Utilities Corporation. (See Beattie, John P., assignor.)
- Electric Household Utilities Corporation. (See Hurley, J. R., and Burt, assignors.)
- Electric Laboratories Incorporated. (See Brown, Harold J., assignor.)
- Electric & Musical Industries Limited. (See Blumlein, Alan D., assignor.)
- Electric & Musical Industries Limited. (See Blumlein, A. D., Blyden, and Hardwick, assignors.)
- Electric & Musical Industries Limited. (See Colborne, Ronald H., assignor.)
- Electric & Musical Industries Limited. (See Cooper, Arthur H., assignor.)
- Electric & Musical Industries Limited. (See Freeman, George S. P., assignor.)
- Electric & Musical Industries Limited. (See Hardwick, John, assignor.)
- Electric & Musical Industries Limited. (See Lubyszynski, Hans G., assignor.)
- Electric & Musical Industries Limited. (See Percival, William S., assignor.)
- Electric & Musical Industries, Limited. (See Spencer, Rolf E., assignor.)
- Electric and Musical Industries, Ltd. (See Willans, Peter W., assignor.)
- Electric Service Supplies Company. (See McFarlin, John R., assignor.)
- Electric Sorting Machine Company. (See Cox, David C., assignor.)
- Electric Sorting Machine Company. (See Van Hatten, Freeman, assignor.)
- Electric Steel Foundry Company. (See Dodson, Guy R., assignor.)
- Electric Storage Battery Company, The. (See Ambruster, Cornelius, assignor.)
- Electric Storage Battery Company, The. (See Bechem, Frank G., assignor.)
- Electric Storage Battery Company, The. (See Hall, Clarence A., assignor.)
- Electric Storage Battery Company, The. (See Lighton, Leslie E., assignor.)
- Electric Transmission Limited. (See Andersen, R. C., Humphreys, and Dannenberg, assignors.)
- Electric Transmission Limited. (See Dannenberg, Kurt, assignor.)
- Electric Vacuum Cleaner Company, Inc. (See Dunbar, Ralph E., assignor.)
- Electric Vacuum Cleaner Company. (See McAnerney, Joseph A., assignor.)
- Electric Vacuum Cleaner Company. (See Paulus, George R., assignor.)
- Electric Wheel Co. (See Reddick, John D., assignor.)
- Electrical Improvements Limited. (See Blackburn, Charles L., assignor.)
- Electrical Products Corporation. (See Owen, Harold R., assignor.)
- Electrical Research Laboratories, Inc. (See Schnell, William J., assignor.)
- Electrical Testing Laboratories. (See Rowland, Howard, assignor.)
- Electrical Testing Laboratories. (See Temple, Trevor, assignor.)
- Electromatic Corporation, The. (See Beekley, H. L., Gilbert, and Laert, assignors.)
- Electro Bearing Company. (See Bagley, William H., Jr., assignor.)
- Electro Glide Company. (See Steven, Glenn A., assignor.)
- Electro Incorporated. (See Ashton, B. N., and Holland, assignors.)
- Electrolux Corporation. (See Brown, Charles L., Jr., assignor.)
- Electrolux Corporation. (See Cranmer, George H., assignor.)
- Electrolux Corporation. (See Doughman, Ferman C., assignor.)
- Electrolux Corporation. (See Hansson, Erik O. H., assignor.)
- Electrolux Corporation. (See Lampe, Robert C., assignor.)
- Electrolux Corporation. (See Lofgren, Gustaf E., assignor.)
- Electrolux Corporation. (See Lofgren, G. E., and Stevens, assignors.)
- Electrolux Corporation. (See Missmer, Alice, assignor.)
- Electrolux Corporation. (See Peterson, Gustav A., assignor.)
- Electrolux Corporation. (See Ross, Adrian E., assignor.)
- Electrolux Corporation. (See Stevens, Clarence E., assignor.)
- Electro Manganese Corporation. (See Chamberlain, Harold L., assignor.)
- Electro Manganese Corporation. (See Fink, C. G., and Kolodney, assignors.)
- Electro Manganese Corporation. (See Leute, Carl M., assignor.)
- Electro Manganese Corporation. (See Stewart, Robert M., assignor.)
- Electro Manganese Corporation. (See Wanamaker, E. M., and Morgan, Jr., assignors.)
- Electromaster, Inc. (See Brown, G. H., and Langan, assignors.)
- Electromaster, Inc. (See Hubbard, Henry H., assignor.)
- Electro Metallurgical Company. (See Crafts, Walter, assignor.)
- Electro Metallurgical Company. (See Franks, Russell, assignor.)
- Electro Metallurgical Company. (See Litton, F. B., and Seybolt, assignors.)
- Electro Metallurgical Company. (See Reeder, David B., assignor.)
- Electro Motive Manufacturing Company. (See Flanzler, J. A., and Bein, assignor.)
- Electronbeam, Incorporated. (See Ziebolz, Herbert, assignor.)
- Electronic Control Corporation. (See Powers, Ralph A., assignor.)
- Electronic Laboratories, Inc. (See Brown, Harold J., assignor.)
- Electronic Laboratories, Incorporated. (See Garstang, William W., assignor.)
- Electronic Laboratories, Inc. (See Huge, Henry M., assignor.)
- Electrons, Inc. (See Edwards, Donald V., assignor.)
- Electro Refractories & Alloys Corporation. (See Berns, Milton H., assignor.)
- Electro Refractories and Alloys Corporation. (See Milligan, Chester E., assignor.)
- Electro-Sharp Mfg. Co. (See Roderick, Arthur J., assignor.)
- Eley, John, Jr. (See Campbell, Rodney B., assignor.)
- Elfes, Donald B., and C. J. Swigert, assignors to General Motors Corporation, Detroit, Mich. Engine blower control. 2,311,936; Feb. 23.

- Elfiner, Henry L., assignor of one-half to J. P. Leamon, Indianapolis, Ind. Safety passing and black-out light. 2,311,743; Feb. 23.
- Elftman, Herbert O., Leonia, N. J. Pressure indicating method and apparatus. 2,325,490; July 27.
- Elgin Softener Corporation. (See McGill, Chester T., assignor.)
- Elgin Softener Corporation. (See McGill, C. T., and Dubruel, assignors.)
- Elholm, Roy H., Gustine, Calif. Pickup and loading attachment for carriers. 2,335,924; Dec. 1.
- Elias, Frederick R., Akron, assignor to E. R. Adler, Canton, Ohio. Fish line floating solution. 2,309,052; Jan. 19.
- Elias, Michael A., 2nd. (See Elias, Percy I., assignor.)
- Elias, Percy I., assignor of one-half to M. A. Elias, 2nd, Long Beach, N. Y. Lighting fixture. 2,313,131; Mar. 9.
- Eliaison, Carl J. E., Sayner, assignor to The Four Wheel Drive Auto Co., Clintonville, Wis. Propulsion mechanism for motor toboggans. 2,323,526; July 6.
- Eliel, Leon T., Pasadena, assignor to Fairchild, Polley & Eliel, Inc., Los Angeles, Calif. Determining scale of aerial photographs for map making. 2,321,902; June 15.
- Elite Hand-Painting Corporation. (See Reich, Joseph, assignor.)
- Elluk, Helen, Peabody, Mass. Rubber submersible boat. 2,337,318; Dec. 21.
- Elkin, Anita, et al., executors. (See Ayers, Fred L., assignor.)
- Elkin, Manuel H., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Electrical starting and generating system. 2,307,364; Jan. 5.
- Elkin, Manuel H., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Power generating system. 2,307,365; Jan. 5.
- Elkin, Manuel H., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition controlling device for internal combustion engines. 2,328,875; Sept. 7.
- Elkin, Newton. (See Ayers, Fred L., assignor.)
- Elkington, Robert M., assignor to White Mop Wringer Company, Fultonville, N. Y. Mop wringer. 2,337,319; Dec. 21.
- Ell, Lars J. F. (See Zetterstrom, C. G., and Ell.)
- Ellaby, Charles H., St. Louis, and C. F. MacNish, Kirkwood, Mo. Automatic spud locking device. 2,335,266; Nov. 30.
- Ellen, Verner G., St. Paul, Minn. Material handling device. 2,312,806; Mar. 2.
- Ellerbeck, Grant C., Long Beach, Calif., assignor to Marchant Calculating Machine Company. Decimal point indicating mechanism. 2,329,190; Sept. 14.
- Ellerstein, Jack I., New York, N. Y. Hat pin and the like. 2,308,000; Jan. 12.
- Ellerstein, Jack I., New York, N. Y. Hat pin. 2,317,746; Apr. 27.
- Ellert, Joseph. (See Litwin M., Milner, and Ellert.)
- Elling, William E., Metuchen, N. J. Gravity davit. 2,319,854; May 25.
- Elling, William E., Long Island City, N. Y. Lifeboat. 2,328,437; Aug. 31.
- Ellinger, Flora H., Chicago, Ill. Hair washing sink. 2,315,153; Mar. 30.
- Ellinger, Flora H., Chicago, Ill. Back scrubbing brush. 2,318,680; May 11.
- Ellinger, Flora H., Chicago, Ill. Shampoo chair. 2,332,904; Oct. 26.
- Ellinger, William H., Smith, N. Mex. Paraffin solvent. 2,317,038; Apr. 20.
- Ellinwood, Herman R., Hollywood, Calif., assignor to Adel Precision Products Corp. Conduit fastener. 2,310,622; Feb. 9.
- Ellinwood, Herman R., North Hollywood, assignor to Adel Precision Products Corporation, Burbank, Calif. Pump. 2,312,886; Mar. 2.
- Ellinwood, Herman R., assignor to Adel Precision Products Corporation, Burbank, Calif. Rotary pump. 2,321,190; June 8.
- Ellinwood, Herman R., Burbank, Calif., assignor to Adel Precision Products Corp. Supporting and bonding device. 2,331,668; Oct. 12.
- Ellinwood, Herman R., assignor to Adel Precision Products Corp., Burbank, Calif. Conduit fastener. 2,338,031; Dec. 28.
- Elliott, Charles H. (See Elliott, Charles W. and C. H.)
- Elliott, Charles H. (See Rees, S. E., Radack, Olsen, and Elliott.)
- Elliott, Charles I., Sea Girt, N. J., assignor to Radio Corporation of America. Package. 2,330,345; Sept. 28.
- Elliott, Charles I., Sea Girt, N. J., assignor to Radio Corporation of America. Carton. 2,330,346; Sept. 28.
- Elliott, Charles I., Sea Girt, N. J., assignor to Radio Corporation of America. Shipping container. 2,330,347; Sept. 28.
- Elliott, Charles I., Sea Girt, N. J., assignor to Radio Corporation of America. Package. 2,330,348; Sept. 28.
- Elliott, Charles W. and C. H., Columbus, Ind. Wood bending machine. 2,336,535; Dec. 14.
- Elliott Company. (See McDermott, John R., assignor.)
- Elliott, Edward L., Arlington, Va., assignor to Federal Business Machines Corporation, Washington, D. C. Copyholder. 2,316,324; Apr. 13.
- Elliott, Edward L., Arlington, Va., assignor to Federal Business Machines Corporation, Washington, D. C. Copy holder. 2,330,776; Sept. 28.
- Elliott, Edward L., Woodside Park, Md., assignor to Federal Business Machines Corporation, Washington, D. C. Copy holder. 2,330,777; Sept. 28.
- Elliott, Edward L., Arlington, Va., assignor to Federal Business Machines Corporation, Washington, D. C. Copy holder. 2,330,778; Sept. 28.
- Elliott, Harmon P., Watertown, Mass. Addressing machine. 2,322,119; June 15.
- Elliott, Harmon P., Watertown, Mass. Addressing machine. 2,335,496; Nov. 30.
- Elliott, Harmon P., Watertown, Mass. Addressing machine. 2,335,499; Nov. 30.
- Elliott, Harold E., and L. Mawbey, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe buffing machine. 2,320,420; June 1.
- Elliott, Harold F., Palo Alto, Calif. Presselector apparatus. 2,311,649; Feb. 23.
- Elliott, Harold F., Chicago, Ill. Electrical control apparatus. 2,315,191; Mar. 30.
- Elliott, Harold F., Palo Alto, Calif. Electrical control apparatus. 2,316,776; Apr. 20.
- Elliott, Harold F., Center Township, Butler County, assignor of fifty-one one-hundredths to Pittsburgh Steel Drum Company, Pittsburgh, Pa. Machinery key. 2,325,491; July 27.
- Elliott, Harry D., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Tape-appealing machine. 2,335,267; Nov. 30.
- Elliott, Harry F. (See Kottmann, A. A., and Elliott.)
- Elliott, Harvey F. (See Kromer, W. R., and Elliott.)
- Elliott, Laverne P. (See Oakley, E. H., and Elliott.)
- Elliott, Laverne P. (See Shiffer, W. H., and Elliott.)
- Elliott, Lloyd B., Chicago, Ill. Target practicing device. 2,311,937; Feb. 23.
- Elliott, Morris A., Baltimore, Md. Speed and directional changer. 2,313,132; Mar. 9.
- Elliott, Morris A., Baltimore, Md. Tube fitting packaging unit. 2,337,320; Dec. 21.
- Elliott, Richard P., Boston, Mass. Saliva siphon. 2,331,463; Oct. 12.
- Elliott, Theodore, Winchester, Mass. Ski binding. 2,314,270; Mar. 16.
- Elliott, Varas A. (See Caldwell, A., and Elliott.)
- Ellis, Bertram, et al., executor. (See Ellis, C.)
- Ellis, Bertram, executor, et al. (See Ellis, Carleton.)
- Ellis, Brooks F., White Plains, assignor to Federbrush Co., Inc., New York, N. Y. Double adjustable binder. 2,335,047; Nov. 23.
- Ellis, Carleton, deceased, C. Ellis, Jr., B. Ellis, and Bank of Montclair, executors, assignors to Ellis Laboratories, Inc. Printing ink. 2,314,307; Mar. 16.
- Ellis, Carleton, deceased, C. Ellis, Jr., B. Ellis, and Bank of Montclair, executors, assignors to Ellis Laboratories, Inc. Urea-aldehyde adhesive composition. 2,314,308; Mar. 16.
- Ellis, Carleton, Jr., executor, et al. (See Ellis, Carleton.)
- Ellis, Carleton, Jr., et al., executor. (See Ellis, C.)
- Ellis, Carleton, Montclair, N. J., deceased, C. Ellis, Jr., and B. Ellis, and Bank of Montclair, executors, assignors to Chadeloid Chemical Company. Paint and varnish remover composition. 2,327,701; Aug. 24.
- Ellis, Charles, Victoria, British Columbia, Canada. Heating system. 2,322,118; June 15.
- Ellis, Clifford A., Ridgefield, N. J., assignor to Grover Tank & Mfg. Co., Inc., Catsaunqua, Pa. Automatic hydraulic gasoline storage tank. 2,318,766; May 11.
- Ellis, David L., assignor to Kwantupl Marmalade Co., Seattle, Wash. Citrus fruit parer. 2,307,829; Jan. 12.
- Ellis, Edward J., Bartow, Fla., assignor to Southern Phosphate Corporation, Baltimore, Md. Flotation. 2,327,408; Aug. 24.
- Ellis, Edward J., and John W. Pamplin, Bartow, Fla., assignors to Southern Phosphate Corporation, Baltimore, Md. Mixing and conditioning pulp. 2,330,875; Oct. 5.
- Ellis, Elmer A., Medford, Mass. Welt insole and making. 2,332,996; Oct. 26.
- Ellis-Foster Company. (See Burrell, Harry, assignor.)
- Ellis-Foster Company. (See Root, Frank B., assignor.)
- Ellis-Foster Company. (See Rust, John B., assignor.)
- Ellis, Francis C., Chicago, Ill. Electrode. 2,318,207; May 4.
- Ellis, Greer, Cambridge, Mass., assignor to Magnaflex Corporation, Chicago, Ill. Determining the magnitude of strains in rigid articles. 2,310,845; Feb. 9.
- Ellis, Greer, Cambridge, Mass., assignor to Magnaflex Corporation, Chicago, Ill. Determining the strain concentration in rigid articles. 2,325,116; July 27.
- Ellis, Harold E., Lima, and W. C. Spear, Wapakoneta, Ohio, assignors to Vestinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reversing capacitor motor. 2,320,419; June 1.
- Ellis, John L., assignor to Joe Lowe Corporation, New York, N. Y. Extrusion device. 2,317,897; Apr. 27.
- Ellis Laboratories, Inc. (See Ellis, Carleton, assignor.)
- Ellis, Linus M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Printing composition. 2,322,837; June 29.

- Ellis, William C., Maplewood, and A. G. Souden, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated. Resistor. 2,329,038; Sept. 7.
- Ellis, William H., El Cerrito, Santa Monica, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Assembly jig. 2,332,625; Oct. 26.
- Ellis, William P., Decatur, Ga., assignor to Draper Corporation, Hopedale, Mass. Uniform shuttle tension. 2,335,063; Nov. 30.
- Ellis, William P., Decatur, Ga., assignor to Draper Corporation, Hopedale, Mass. Loom shuttle. 2,335,064; Nov. 30.
- Ellison, Leslie J. (See Richards, E. A., and Ellison.)
- Ellison, Lewis M., Winnetka, Ill. Nonparallax pointer. 2,342,709; July 6.
- Ellison, Russell H., assignor, by mesne assignments, to Violet K. Ellison, Dearborn, Mich. Apparatus for dispensing carbonated beverages. 2,319,308; May 18.
- Ellison, Violet K. (See Ellison, Russell H., assignor.)
- Ellman, Martin M., Rockford, Ill. Dental burr and hand-piece assembly. 2,310,409; Feb. 9.
- Ellner, Abraham, Brooklyn, N. Y. Collapsible baby's high chair. 2,318,475; May 4.
- Ellsworth, Walter A., and D. F. Swanson, assignors to Seeger Refrigerator Company, St. Paul, Minn. Refrigerated display cabinet. 2,337,089; Dec. 21.
- Elm, Iemar E., Piedmont, Calif. Reciprocal position indicator and television for vessels. 2,307,029; Jan. 5.
- Elm, Iemar E., Piedmont, Calif. Continuously oriented map with position indicating means. 2,311,650; Feb. 23.
- Elmendorf, Armin, Winnetka, Ill. Indurated fibrous material and making the same. 2,312,831; Mar. 2.
- Elmendorf, Armin, Winnetka, Ill. Cement fiber board. 2,332,703; Oct. 26.
- Elmendorf, Armin, Winnetka, Ill. Making flexible blanks. 2,334,852; Dec. 14.
- Elmendorf, Armin, Winnetka, Ill. Wood tile flooring. 2,337,150; Dec. 21.
- Elmendorf, Duryea E., Cleveland, Ohio, assignor to General Electric Company. Filament sorting apparatus. 2,321,191; June 8.
- Elmendorf, Duryea E., Cleveland, and K. H. Keller, Cleveland, Ohio, assignors to General Electric Company. Apparatus for detecting variations in wire-like bodies. 2,326,344; Aug. 10.
- Elsey, Howard M., Okmont, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Testing refrigerating apparatus. 2,314,201; Mar. 16.
- Elser, Nils A., Lidköping, and I. S. Holmqvist, Västerås, assignors to Aktiebolaget Svenska Rullkållarna, Sandviken, Sweden. Shaving or clipping machine. 2,307,830; Jan. 12.
- Elser, Richard, and J. Rehban, Nuremberg, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical winding. 2,318,068; May 4.
- Elston, Arthur A. (See Reichert, J. S., and Elston.)
- Elston, Rue R., Minneapolis, assignor to Highway Safety Appliances, Incorporated, St. Paul, Minn. Valve for road sanding machines. 2,341,181; Nov. 16.
- Elting, August O., Chicago, Ill. Fluorescent tube mounting. 2,314,038; Mar. 16.
- Elvin, William J., Frostburg, and C. L. Hivick, Cresaptown, Md., assignors to Celanese Corporation of America. Spindle support. 2,321,664; June 15.
- Elwell, George H., New Haven, Conn., assignor to Eastern Tool & Manufacturing Co., Bloomfield, N. J. Slide loop. 2,307,120; Jan. 5.
- Elwell, George H., New Haven, Conn., assignor to Eastern Tool and Manufacturing Company, Bloomfield, N. J. Slide loop. 2,317,678; Apr. 27.
- Elwell, George H., New Haven, Conn., assignor to Eastern Tool and Manufacturing Company, Bloomfield, N. J. Slide loop. 2,317,679; Apr. 27.
- Elwell, George H., New Haven, Conn., assignor to Eastern Tool and Manufacturing Company, Bloomfield, N. J. Burton loop. 2,332,628; Oct. 26.
- Elwell-Parker Electric Company, The. (See Abbe, Edward J., assignor.)
- Elwell-Parker Electric Company. (See Parker, Wayward D., assignor.)
- Elwert, Edward E., Galesburg, assignor to W. C. Dillon & Company, Inc., Chicago, Ill. Bisector. 2,330,414; Sept. 28.
- Ely, Oscar L., Boston, Mass. Portable lamp. 2,320,917; June 1.
- Ely, Paul C., Lorain, Ohio, assignor to National Tube Company. Apparatus for the continuous galvanizing of pipe and the like. 2,326,843; Aug. 17.
- Ely, Paul C., McKeesport, Pa., assignor to National Tube Company. Method of continuously galvanizing pipe and the like. 2,326,844; Aug. 17.
- Elze, Wilhelm, Frankfurt-on-the-Main, Germany; vested in the Alien Property Custodian. Arrangement for the cooling of the compressor space of air and gas compressors. 2,309,833; Feb. 2.
- Emch, Arnold F., Chicago, Ill. Game. 2,320,270; May 25.
- Emde, Kurt, Itasca, assignor to Zenith Radio Corporation, Chicago, Ill. Indicator mechanism. 2,330,818; Oct. 5.
- Emerson Electric Mfg. Co., The. (See Logan, Edwin W., assignor.)
- Emerson Electric Mfg. Co., The. (See Logan, E. W., and Kostko, assignors.)
- Emerson, George H., Baltimore, Md. Single drum locomotive boiler. 2,325,383; July 27.
- Emerson, Roy B., Chicago, Ill. Chlorine feeding device. 2,315,512; Apr. 6.
- Emerson, Walter H., East Liverpool, Ohio, assignor to The Homer Laughlin China Company, Newell, W. Va. Pressing apparatus for plastic material. 2,310,068; Feb. 2.
- Emerson, Walter H., East Liverpool, Ohio, assignor to The Homer Laughlin China Company, Newell, W. Va. Dinnerware machine. 2,321,471; June 8.
- Emerson, Walter H., East Liverpool, Ohio, assignor to The Homer Laughlin China Company, Newell, W. Va. Apparatus for feeding plastic material. 2,335,925; Dec. 7.
- Emerson, Walter H., East Liverpool, and W. C. Denison, Jr., Columbus, Ohio. Feeding apparatus for plastic material. 2,313,050; Mar. 9.
- Emery, Alfred H., Wapping Falls, assignor to Standard Gage Company, Inc., Poughkeepsie, N. Y. Comparator. 2,307,831; Jan. 12.
- Emory Carpenter Container Company. (See Carlson, Robert C.)
- Emory, Frank C., Los Angeles, and E. F. Green, Lynwood, assignors to Axelsson Manufacturing Co., Los Angeles, Calif. Flame hardening tubular structures. 2,318,145; May 4.
- Emory, Frederic H., Bedford, Ohio. Internal combustion motor and constructing. 2,311,039; Feb. 16.
- Emory, George S., Tulsa, Okla. Directional coupling. 2,315,112; Mar. 30.
- Emory, John J. (See Carlson, Robert C., assignor.)
- Emory, Walter A., Wayne, Nebr. Bottle wrapping device. 2,321,547; Oct. 12.
- Enich, Howard E., Detroit, Mich., assignor to United Engineering and Foundry Company, Pittsburgh, Pa. Apparatus for rolling metal strip. 2,319,309; May 18.
- Emmens, Hendrik. (See van Geel, W. C., Emmens, and Esseling.)
- Emmer, Charles E., assignor to General Binding Corporation, Chicago, Ill. Machine for binding books with plastic bindings. 2,334,815; Nov. 23.
- Emmerich, Werner, assignor to The Frank Tea and Spice Company, Cincinnati, Ohio. Carton construction. 2,326,527; Aug. 10.
- Emmert, George W., Evanston, Ill. Quiz game. 2,311,217; Feb. 16.
- Emmert, George W., Chicago, Ill. Hone. 2,324,498; July 20.
- Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Mercury boiler. 2,325,384; July 27.
- Emmons, William J., Alameda, and Bernard S. Gallagher, Piedmont, Calif. Asparagus processing machine. 2,310,358; Feb. 9.
- Empire Electric Brake Corporation. (See Penrose, William F., assignor.)
- Empire Metal Cap Co. (See Merolle, August L., assignor.)
- Empire Shield Co. (See Freedland, Max, assignor.)
- Emulsions Process Corporation. (See Torrington, William F., assignor.)
- Emulsol Corporation, The. (See Joffe, Morris H., assignor.)
- Emulsol Corporation, The. (See Katzman, M., and Cahn, assignors.)
- Emulsol Corporation, The. (See Katzman, M., and Epstein, assignors.)
- EmSCO Derrick & Equipment Company. (See Anderson, Clifford E., assignor.)
- EmSCO Derrick & Equipment Company. (See Stahl, L. W., and Foster, assignors.)
- EmSCO Derrick & Equipment Company. (See Tremolada, Guglielmo R., assignor.)
- EmSCO Derrick & Equipment Company. (See Webster, Samuel W., assignor.)
- Emulsion Corporation, The. (See Katzman, M., Cahn, and Epstein, assignors.)
- Encor Corporation. (See Strecker, C. E., and Kopriwa, assignors.)
- Enderich, Winfield S., and C. E. Eggenschwiler, assignors to Bohn Aluminum & Brass Corporation, Detroit, Mich. Apparatus for forming bearings. 2,322,795; June 29.
- Enderle, Frank C., Los Angeles, Calif. Flue or vent pipe. 2,314,328; Mar. 23.
- Enderson, Reuben T., Rochester, Minn. Pipe cutting gauge. 2,326,447; Aug. 10.
- Endicott Johnson Corporation. (See Crannell, James J., assignor.)
- Endicott Johnson Corporation. (See Rosenzweig, Henry, assignor.)
- Endicott Johnson Corporation. (See Smith, Elmer, assignor.)
- Endres, Günther, Hamburg, Germany; vested in the Alien Property Custodian. Increasing the solubility of halogenated phenols in soap solutions. 2,326,933; Aug. 17.

- Endres, Peter, Cologne, Ehrenfeld, Germany; vested in the Alien Property Custodian. Dispensing scales with a needle moving over scales and instantaneously indicating the weight in units. 2,316,230; Apr. 13.
- Endres, Rudolf, (See Hentrich, W., Kaiser and Endres.)
- Endsley, Louis E., Pittsburgh, Pa., assignor to The Frost Railway Supply Company, Detroit, Mich. Railway car truck. 2,329,257; Sept. 14.
- Ender, Waldemar A., Long Beach, Calif. Wedge keeper for rotary latches. 2,314,613; Mar. 23.
- Endter, Waldemar A., Long Beach, Calif. Rotary latch and keeper. 2,335,001; Nov. 23.
- Enell, John O., et al. (See Till, Steven L., assignor.)
- Enes, Dorr O., St. Paul, and A. J. Katches, Minneapolis, Minn., said Katches assignor to said Enes. Die and mounting therefor. 2,332,704; Oct. 26.
- Engel, Curt, Saint Louis, France, and K. Pfähler, Riehen, near Basel, assignors to J. R. Geigy A. G., Basel, Switzerland. Quaternary indole derivatives and their manufacture. 2,320,580; June 1.
- Engel, George C. (See Eldmann, F. L., and Engel.)
- Engel, John B. (See Vaughan, F. P., Krueger, Slye, and Engel.)
- Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Prewelt shoe manufacture. 2,312,531; Mar. 2.
- Engel, Kurt, Saint Louis, France, and K. Pfähler, Riehen, near Basel, assignors to the firm J. R. Geigy A. G., Basel, Switzerland. Acylated p-aminobenzyl amines and their quaternary derivatives. 2,312,395; Mar. 2.
- Engle, Loy S. (See Gessler, A. E., Engle, and Rolle.)
- Engle, Loy S., Harrington Park, assignor to Interchemical Corporation, New York, N. Y. Undercoat composition and making same. 2,331,544; Oct. 12.
- Engel, Niels. (See Engel, Walter and N.)
- Engel, Phillip M., Lansdowne, Pa., assignor to General Electric Company. Electric switch. 2,321,374; June 8.
- Engel, Ralph C., Ida, Mich. Converter cartridge. 2,321,737; June 15.
- Engel, Walter and N., Copenhagen, Denmark; vested in the Alien Property Custodian. Reaction method. 2,320,206; May 25.
- Engelbrecht, Heinz-Joachim. (See Hentrich, W., and Engelbrecht.)
- Engelhart, Robert A. G. (See Senesac, Adolor T., assignor.)
- Engelmann, Max, Wilmington, Del., and J. Pikel, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic compounds and making the same. 2,313,741; Mar. 16.
- Engelmann, Max, Wilmington, Del., and J. Pikel, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating textile fiber. 2,313,742; Mar. 16.
- Engl, Walter R. (See Davis, C. W., and Engl.)
- Enghausser, Winford L., Cincinnati, assignor to The Production Plating Works, Inc., Lebanon, Ohio. Pipe bending apparatus. 2,355,113; Nov. 23.
- Engelhardt, Richard K., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Safety shutoff valve. 2,318,767; May 11.
- Engineering Laboratories, Inc. (See Scherbatskoy, Serge A., assignor.)
- England, Harry F., Prairie City, Oreg. Placer dredge. 2,316,943; Apr. 20.
- England, Isaac W., and J. Haycock, assignors to Continental Can Company, Inc., New York, N. Y. Making sheet metal containers. 2,330,207; Sept. 28.
- Engle, Bruce W., West Burlington, Iowa, assignor to Foster-Johnson Reamer Company, Chicago, Ill. Abrading device. 2,324,918; July 20.
- Engle, Edgar S., Greensburg, Pa. Capping device. 2,320,515; June 1.
- Englehart, Orton H., Glendora, Calif. Self-regulating sprinkler. 2,336,725; Nov. 23.
- Englert, Walter J., assignor of one-half to H. J. Nagle, and one-half to R. A. Nagle, Rochester, N. Y., jointly. Coin bank. 2,330,478; Sept. 28.
- English Electric Company Limited, The. (See Blandford, Alfred R., assignor.)
- English, Jackson P. (See Roblin, R. O., Jr., and English.)
- English, Jackson P., Stamford, and J. H. Paden, Glenbrook, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of 2-amino-1,3,5-triazine. 2,334,162; Nov. 16.
- English, John, Birmingham, assignor to Chance Brothers and Co. Limited, Smethwick, Birmingham, England. Pipe joint. 2,308,745. Jan. 19.
- English, John C., assignor to Johnson Gas Appliance Company, Cedar Rapids, Iowa. Thermostatic control means. 2,308,272; Jan. 12.
- English, Myrie H., Pompton Lakes, N. J., and R. R. Nydegger, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Electrical device. 2,329,343; Sept. 14.
- Englund, Walter, Mount Vernon, N. Y. Tea or coffee pot. 2,309,834; Feb. 2.
- Enge, William, and S. N. Wik, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Producing and recovering halogenated organic compounds. 2,321,472; June 8.
- Engstrom, Folke G. H., assignor to American Cabinet Hardware Corporation, Rockford, Ill. Display board. 2,312,532; Mar. 2.
- Engstrom, Vincent C., Los Angeles, Calif. Bowling game. 2,329,344; Sept. 14.
- Enk, Grace, Buchanan, Mich. Garden marker. 2,333,302; Nov. 2.
- Enley, John T., Riverside, N. J., assignor to Metal Craft Manufacturing Company. Skate. 2,310,683; Feb. 9.
- Enley, John T., Riverside, N. J. Wheel for roller skates. 2,312,396; Mar. 2.
- Ennis, George H., assignor of one-half to Robert V. Funk, Long Beach, Calif. Method and apparatus for determining water leakages into wells. 2,317,039; Apr. 20.
- Enns, Waldo E., Portland, Oreg. Apparatus for A. C. network analysis. 2,323,588; July 6.
- Enos, Edward H., Wellesley Hills, Mass. Shoe having an impregnated fabric sole. 2,333,303; Nov. 2.
- Enos, John P., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread-severing device for sewing machines. 2,318,843; May 11.
- Enquist, Melvin A., Houston, Tex. Water treating method. 2,332,209; Oct. 19.
- Ensminger, Wyatt H., St. Helena, Calif. Sheet paper dispenser. 2,334,157; Nov. 23.
- Enterprise Engine & Foundry Company. (See Harris, Harry H., assignor.)
- Enterprise Engine & Foundry Company. (See Harris, H. H., and Bried, assignors.)
- Enterprise Engine & Foundry Company. (See Lang, Charles W., assignor.)
- Enterprise Manufacturing Company, The. (See Kreis, Joseph D., assignor.)
- Enterprise Manufacturing Company, The. (See Pfueger, Charles T., assignor.)
- Enterprise Manufacturing Company of Pennsylvania, The. (See Henry, Ferdinand G., assignor.)
- Enterprise Mfg. Co. of Pa., The. (See Hess, Frederick F., assignor.)
- Enterprise Railway Equipment Company. (See Campbell, Argyle, assignor.)
- Entreprises Electriques Fribourgeoises. (See Challet, Etienne, assignor.)
- Entriken, James E., Bristol, Pa., assignor, by mesne assignments, to Reconstruction Finance Corporation. Device to facilitate drawing of straight lines. 2,331,669; Oct. 12.
- Eppenbach, Edwin G., Manhasset, N. Y. Combination door. 2,315,251; Mar. 30.
- Eppenbach, Edwin G., Manhasset, and L. C. Fisher, Farmingdale, N. Y.; said Fisher assignor to said Eppenbach. Cutter-colloid mill. 2,335,002; Nov. 23.
- Eppens, Ernest G., Alpha, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Forging hammer. 2,328,969; Sept. 7.
- Eppor, Andrew Jr., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Treadle mechanism. 2,336,395; Dec. 7.
- Epstein, Albert K. (See Katzman, M., and Epstein.)
- Epstein, Albert K. (See Katzman, M., Cahn, and Epstein.)
- Epstein, David W., Merchantville, N. J., assignor to Radio Corporation of America. Cathode-ray tube. 2,315,367; Mar. 30.
- Epstein, Hirsch, Chicago, Ill. Light fixture. 2,332,138; Oct. 19.
- Epstein, Samuel, Bethlehem, and J. R. Kreiser, Lebanon, Pa., assignors to Bethlehem Steel Company. Lubricant for solid dies. 2,319,393; May 18.
- Epstein, Samuel, Bethlehem, and J. R. Kreiser, Lebanon, Pa., assignors to Bethlehem Steel Company. Lubricant for split dies. 2,334,076; Nov. 9.
- Equitable Paper Bag Co., Inc. (See Poppe, George W., assignor.)
- Erb, George C., Forest Hills, Long Island, assignor to American Can Company, New York, N. Y. Container opening device. 2,311,651; Feb. 23.
- Erb, George C., Forest Hills, assignor to American Can Company, New York, N. Y. Container. 2,318,603; May 11.
- Erb, George C., Forest Hills West, assignor to American Can Company, New York, N. Y. Container. 2,324,500; July 20.
- Erb, George C., Forest Hills, assignor to American Can Company, New York, N. Y. Container. 2,326,129; Aug. 10.
- Erb, George C., Forest Hills, assignor to American Can Company, New York, N. Y. Container. 2,335,268; Nov. 30.
- Erb, Nathan J., San Francisco, Calif. Tab index. 2,314,578; Mar. 23.
- Erbguth, Paul F. K., assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Kinetic reset regulator. 2,332,627; Oct. 26.
- Erdely, Jorge, Mexico City, Mex. Shield for pustules from vaccination against smallpox. 2,330,693; Sept. 28.
- Erdle, Reiner W., assignor to Dental Research Corporation, Chicago, Ill. Artificial tooth. 2,328,379; Aug. 31.

- Erdle, Reiner W., assignor to Dental Research Corporation, Chicago, Ill. Ceramic denture material and denture or denture part. 2,334,319; Nov. 16.
- Erdle, Reiner W., assignor to Dental Research Corporation, Chicago, Ill. Resilient mold. 2,337,036; Dec. 21.
- Erdman, Harvey C., Shaker Heights, assignor to The National Screw & Manufacturing Company, Cleveland, Ohio. Thread rolling die. 2,321,375; June 8.
- Erdman, Harvey C., Shaker Heights, assignor to The National Screw & Manufacturing Company, Cleveland, Ohio. Making thread rolling dies. 2,324,143; July 13.
- Erdmann, Konrad, Badoringen, assignor to The Alton Property Custodian. Production of chromite blocks. 2,316,228; Apr. 13.
- Erickson, Arthur R., Plymouth, Wis., assignor to The Borden Company, New York, N. Y. Packaging apparatus. 2,325,670; Aug. 3.
- Erickson, William B., Sandy, Utah. Surgical device. 2,333,237; Nov. 2.
- Ehrhard, Edward A., Mission Beach, Calif., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door lock. 2,318,146; May 4.
- Ehrhardt, Oscar P., West Haven, assignor to The A. C. Gilbert Company, New Haven, Conn. Toy clamshell bucket. 2,326,982; Aug. 17.
- Erieck, Walter P. (See McClellan, P. P., and Erieck.)
- Erieck, Walter P. (See Schorer, L. P., and Erieck.)
- Erieck, Walter P., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing monoalkyl cyanamides. 2,331,671; Oct. 12.
- Erieck, Walter P., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Condensation products of amidines with alkylene oxides. 2,320,225; May 25.
- Erieck, Walter P., Cos Cob, and P. P. McClellan, Old Greenwich, Conn., assignors to American Cyanamid Company. Monosubstituted cyanamide and preparing the same. 2,331,670; Oct. 12.
- Erickson, Christian, Brooklyn, N. Y. Scraper. 2,317,041; Apr. 20.
- Erickson, Aaron H., West Lancaster, assignor to Lancaster Iron Works, Inc., Lancaster, Pa. Holder for welding rods. 2,313,227; Mar. 9.
- Erickson, Carl E., Kalamazoo, Mich. Machine for cleaning rugs, carpets, and the like. 2,334,914; Nov. 23.
- Erickson, Carl P., Connersville, Ind., assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Refrigerator cabinet construction. 2,307,121; Jan. 3.
- Erickson, David, deceased, S. E. Erickson, executrix, assignor to H. L. and H. K. Ayers, a partnership operating as Wichita Wire & Iron Company, Wichita Falls, Tex. Pump rod shield. 2,337,805; Dec. 28.
- Erickson, Donald R., and P. J. Thoma, assignors to Michigan Research Laboratories, Inc., Kalamazoo, Mich. Printing ink. 2,309,580; Jan. 26.
- Erickson, Donald R., and P. J. Thoma, assignors to Michigan Research Laboratories, Inc., Kalamazoo, Mich. Printing ink. 2,313,328; Mar. 9.
- Erickson, Donald R., and P. J. Thoma, assignors to Michigan Research Laboratories, Inc., Kalamazoo, Mich. Printing ink. 2,323,710; July 6.
- Erickson, Donald R., and P. J. Thoma, Kalamazoo, Mich. Printing ink. 2,327,594; Aug. 24.
- Erickson, Donald R., and P. J. Thoma, Kalamazoo, Mich. Printing ink. 2,327,595; Aug. 24.
- Erickson, Donald R., and P. J. Thoma, Kalamazoo, Mich. Printing ink. 2,327,596; Aug. 24.
- Erickson, Donald R., and P. J. Thoma, Kalamazoo, Mich. Printing ink. 2,327,597; Aug. 24.
- Erickson, Donald R., and P. J. Thoma, assignors to Michigan Research Laboratories, Inc., Kalamazoo, Mich. Printing ink varnish and coating. 2,332,066; Oct. 19.
- Erickson, Donald R., and P. J. Thoma, assignors to Michigan Research Laboratories, Inc., Kalamazoo, Mich. Printing ink. 2,336,983; Dec. 14.
- Erickson, Donald R., and P. J. Thoma, assignors to Michigan Research Laboratories, Inc., Kalamazoo, Mich. Printing ink. 2,336,984; Dec. 14.
- Erickson, Gustaf, Riveredge, and C. F. Sheeley, Belleville, N. J., assignors to General Motors Corporation, Detroit, Mich. Feeding mechanism. 2,336,676; Dec. 14.
- Erickson, Hans P., Saltcoats, Saskatchewan, Canada. Sludge pump. 2,322,120; June 15.
- Erickson, Henry R., Minneapolis, Minn. Double parallel spray bar. 2,330,568; Sept. 28.
- Erickson, John A., Jackson, Mich. Waterproofing fuel briquettes. 2,325,840; Aug. 3.
- Erickson, John E., Pawtucket, assignor to R. Healey, Cumberland, R. I. Pressing machine. 2,320,857; June 1.
- Erickson, Selma E., executrix. (See Erickson, David.)
- Erickson, Selma E., executrix. (See Thomas, E. R., and Erickson.)
- Erickson, Stephen E. (See Christmann, L. J., and Erickson.)
- Erickson, Stephen E. (See Christmann, L. J., Jayne, Jr., and Erickson.)
- Erickson, Stephen E. (See Falconer, S. A., and Erickson.)
- Erickson, Stephen E. (See Jayne, D. W., Day, and Erickson.)
- Erickson, Stephen E. (See Jayne, D. W., Jr., Erickson, and Day.)
- Erickson, Stephen E., Springdale, Conn., assignor to Chemical Construction Corporation, New York, N. Y. Beneficiation of low grade coal. 2,319,394; May 18.
- Erickson, Stephen E., Springdale, Conn., assignor to Chemical Construction Corporation, New York, N. Y. Beneficiation of low grade coal. 2,330,479; Sept. 28.
- Erickson, Stephen E., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Froth flotation of acidic minerals. 2,336,437; Dec. 7.
- Erickson, Stephen E., Springdale, and D. W. Jayne, Jr., Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Oxygen-bearing ore flotation. 2,312,466; Mar. 2.
- Erickson, Victor L. (See Callan, T. J., and Erickson.)
- Erickson, Wilmar L., Robbinsdale, Minn. Detachable truck unloader. 2,325,492; July 27.
- Ericksson, Emil, assignor of one-half to E. Alder, Chicago, Ill. Roll film camera attachment. 2,312,887; Mar. 2.
- Ericksson, Emil, assignor to Standard Process Corporation, Chicago, Ill. Lay-on apparatus and method. 2,320,352; June 1.
- Ericksson, Emil, assignor to Standard Process Corporation, Chicago, Ill. Drier. 2,332,067; Oct. 19.
- Erisen, Albert A., Lindhurst, assignor of one-fourth to H. Reynolds, Jr., Rochester, one-fourth to J. B. Tompkins, Babylon, Long Island, and one-fourth to C. Vanderveer, Jr., Hempstead, Long Island, N. Y. Fire prevention device for aeroplanes. 2,331,017; Oct. 5.
- Erisen, Alfred G. (See Granberg, B. R., and Erisen.)
- Erisen, G., Toronto, Ontario, Canada. Rail anchor. 2,331,314; Oct. 12.
- Erisen, Eric O., Duluth, Minn. Ski. 2,318,147; May 4.
- Erisen, George R. (See Coffey, Irven E., assignor.)
- Erisen, George R., trustee. (See Coffey, Irven E., assignor.)
- Erisen, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Windshield wiper arm control. 2,307,566; Jan. 5.
- Erisen, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,315,052; Mar. 30.
- Erisen, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Fluid pressure device. 2,317,594; Apr. 27.
- Erisen, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Control device. 2,319,773; May 18.
- Erisen, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,323,981; July 13.
- Erisen, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Control device. 2,337,982; Dec. 28.
- Erisen, George R., assignor to Carter Carburetor Corporation, St. Louis, Mo. Internal combustion engine. 2,332,440; Oct. 19.
- Erisen, L. M., Telefonaktiebolaget. (See Nyberg, Ernst V., assignor.)
- Erisen, Nils, Stockholm, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Measuring the torque of combustion engines. 2,311,331; Feb. 16.
- Erisen, Nils, Stockholm, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Electrodynamic oscillation damper. 2,320,721; June 1.
- Erisen, Walter M. (See Edwards, Griffith E., assignor.)
- Erisen, Walter M., Milwaukee, Wis. Spraying coatings, particularly asphaltic coatings and the like. 2,314,329; Mar. 23.
- Erisson, Elov, St. Paul, Minn. Rotary engine or pump. 2,335,501; Nov. 30.
- Erisson, Ralph L., East Orange, N. J., assignor to Westvaco Chlorine Products Corporation, New York, N. Y. Brominating wool. 2,326,021; Aug. 3.
- Erie City Iron Works. (See Brink, Frank G., assignor.)
- Erie City Iron Works. (See Sandstrom, Nils G., assignor.)
- Erikson, Carl R. (See Lee, W. M., and Erikson.)
- Eriksen, Halvdan J. (See Holand, Asmund B., assignor.)
- Erland af Kleen, Nils, Stockholm, Sweden. Absorption or adsorption refrigerating apparatus. 2,319,806; May 25.
- Erland af Kleen, Nils, Stockholm, Sweden. Manufacture of cabinets for refrigerators. 2,321,589; June 15.
- Erland af Kleen, Nils, Stockholm, Sweden. Control system for refrigerating apparatus. 2,323,901; July 13.
- Erland af Kleen, Nils, Stockholm, Sweden. Absorption or adsorption refrigerating apparatus. 2,323,902; July 13.
- Erland af Kleen, Nils, Stockholm, Sweden. Refrigerator. 2,326,130; Aug. 10.
- Erland af Kleen, Nils, Stockholm, Sweden. Circulating system particularly for refrigerating apparatus. 2,331,898; Oct. 19.
- Erlanger, Arnold. (See Meyer, H. C. A., and Erlanger.)
- Ermond, Edward Co. (See Cattonar, J., and Olm, assignors.)

- Ernsberger, Maurice L., and J. F. Lontz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pesticide. 2,336,605; Dec. 14.
- Ernst, Arthur O., Larchmont, N. Y. Curtain. 2,331,828; Oct. 12.
- Ernst, Daniel, assignor to Maag Zahnrad- & Maschinen Aktiengesellschaft, Zurich, Switzerland. Examining of gears, particularly bevel gears. 2,313,133; Mar. 9.
- Ernst, Eugene, Livingston, N. J. Knockdown flat offset gauge. 2,326,448; Aug. 10.
- Ernst, Eugene, Livingston, N. J. Flat offset gauge. 2,326,449; Aug. 10.
- Ernst, Hans. (See Dall, A. H., Ernst, and Einstein.)
- Ernst, Hans, and M. E. Martellotti, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Power transmission mechanism. 2,320,353; June 1.
- Ernst, Hans, and R. D. Wortendyke, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Calculating device. 2,331,967; Oct. 19.
- Ernst, Hans, Cincinnati, A. H. Dall, Silvertown, and C. Herfurth, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Surface finishing machinery. 2,333,304; Nov. 2.
- Ernst, Robert C. (See Neiman, R., Ernst, and Steinbock.)
- Ernst, Walter. (See Guanella, G., Ernst, Lindecker, and Gabriel.)
- Ernst, Walter. (See Thoreson, R., and Ernst.)
- Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Hydraulic machine circuit. 2,309,758; Feb. 2.
- Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Multiple circuit heat transfer. 2,309,943; Feb. 2.
- Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Valve. 2,316,944; Apr. 20.
- Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Control system. 2,317,524; Apr. 27.
- Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc. Relief valve. 2,323,021; June 29.
- Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Relief valve. 2,328,132; Aug. 31.
- Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Press ram. 2,328,438; Aug. 31.
- Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Press. 2,333,529; Nov. 2.
- Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Hydraulic system. 2,333,530; Nov. 2.
- Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Shaft straightening press. 2,336,349; Dec. 7.
- Ernst, Walter, and I. B. Lawyer, Mount Gilead, Ohio, assignors to The Hydraulic Development Corporation, Inc., Wilmington, Del. Testing press. 2,326,345; Aug. 10.
- Errecaorde, José D., Buenos Aires, Argentina. Paper bag and the like. 2,333,773; Nov. 9.
- Errett, Sanford J., Portland, Oreg. Cutting and welding torch. 2,335,500; Nov. 30.
- Erskine, De Marr M. (See Wilke, W. P., III, and Erskine.)
- Erusha, Milver C. (See Gaddis, Roy, assignor.)
- Ervin, John F., Ann Arbor, Mich. Disintegrating metal into abrasive material. 2,330,038; Sept. 21.
- Erwin, Edson L., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call diverting system. 2,327,877; Feb. 24.
- Erwin, Edson L., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Code call system. 2,332,966; Oct. 26.
- Erwin, William C., Winthrop, Mass. Anemometer. 2,309,581; Jan. 26.
- Erwood, Joseph, Chicago, Ill. Phonographic apparatus. 2,307,030; Jan. 6.
- Erwood, Joseph, assignor to Erwood Sound Equipment Company, Chicago, Ill. Record changer. 2,307,031; Jan. 6.
- Erwood Sound Equipment Company. (See Erwood, Joseph, assignor.)
- Esbeck, Howard C., Silvis, assignor to Deere & Company, Moline, Ill. Wheel grapple. 2,325,235; July 27.
- Escalante, José, & Company. (See Lillienfeld, Eugene W., assignor.)
- Esch, Rudolf E. (See Losey, C. V., and Esch.)
- Eschebacher, Emanuel, New York, N. Y. Clear vision steering wheel. 2,326,131; Aug. 10.
- Escher Wyss Maschinenfabriken Aktiengesellschaft. (See Keller, Curt, assignor.)
- Eschner, Albert, Santa Monica, Calif. Tourniquet. 2,316,157; Apr. 13.
- Eschner, Albert, Santa Monica, Calif. Adjustable tourniquet. 2,316,158; Apr. 13.
- Eselgroth, Theodore W. (See Bucknam, J. H., Meincke, and Eselgroth.)
- Esgro, Sam, assignor of forty-nine per cent to C. A. Jean, Mrs. C. W. Jean, and R. N. Jean, Memphis, Tenn. Registering key for dispensing apparatus. 2,313,424; Mar. 9.
- Eshbaugh, Jesse E., and N. Walker, Flint, assignors to General Motors Corporation, Detroit, Mich. Gasoline tank sealing cap. 2,314,330; Mar. 23.
- Eskin, Samuel G., Mount Lebanon, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Regulating device. 2,310,519; Feb. 9.
- Eskin, Samuel G., and C. K. Strobel, Pittsburgh, assignors to Robertshaw Thermostat Company, Youngwood, Pa. Electrical ignition system for gaseous fuel burners. 2,329,888; Sept. 21.
- Eslick, Harry D., San Francisco, Calif. Swimming glove. 2,324,375; July 13.
- Esmco Auto Products Corp. (See Walker, Harold L., assignor.)
- Esnard, Miguel, Matanzas, Cuba. Valve stem for faucets. 2,315,948; Apr. 6.
- Esnault-Pelterie, Robert, Boulogne-Billancourt, France; vested in the Alien Property Custodian. Heating and refrigerating process and apparatus. 2,310,520; Feb. 9.
- Esnault-Pelterie, Robert, Boulogne-Billancourt, France; vested in the Alien Property Custodian. Heat transfer apparatus. 2,328,439; Aug. 31.
- Esnault-Pelterie, Robert, Boulogne-Billancourt, France; vested in the Alien Property Custodian. Apparatus for controlling land, marine, and aerial vehicles. 2,330,569; Sept. 28.
- Espenschied, Lloyd, Kew Gardens, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier wave signaling system. 2,337,878; Dec. 28.
- Esper, Dwain A., La Crescenta, Calif. Synchronized sound and picture sequence projector. 2,334,547; Nov. 16.
- Esselen, Gustavus J., Swampscott, Mass., assignor, by mesne assignments, to Monsanto Chemical Company. Forming polyvinyl acetal resin sheets. 2,327,027; Aug. 24.
- Esseling, Ludovicus A. L. (See van Geel, W. C., Emmens, and Esseling.)
- Esseling, Ludovicus A. L., and W. C. van Geel, Eindhoven, Netherlands; vested in the Alien Property Custodian. Blocking layer cell. 2,328,440; Aug. 31.
- Essex Engineering Corporation. (See Bullock, Arthur R., assignor.)
- Essex Research Corporation. (See Heuer, Russell P., assignor.)
- Essex Rubber Company. (See Oakley, Laurence M., assignor.)
- Essl, Max, Lansdowne, Pa., assignor to The Baldwin Locomotive Works, Locomotive. 2,317,849; Apr. 27.
- Essl, Max, Drexel Hill, Pa., assignor, by mesne assignments, to The Baldwin Locomotive Works. Internal combustion engine construction. 2,323,209; June 29.
- Esterbrook Steel Pen Manufacturing Co., The. (See Longmaid, Sydney E., assignor.)
- Esterow, Leo, New York, N. Y. Vanity case. 2,327,513; Aug. 24.
- Esterow, Leo, and A. Klein, New York, N. Y. Container. 2,323,125; June 29.
- Estey, Roger S. (See Bennett, A. H., and Estey.)
- Estey, Roger S., assignor to Spencer Lens Company, Buffalo, N. Y. Polarimetric apparatus. 2,310,623; Feb. 9.
- Estey, Roger S., assignor to Spencer Lens Company, Buffalo, N. Y. Colorimetric apparatus. 2,328,631; Sept. 7.
- Estey, Roger S., and K. W. Harper, assignors to Spencer Lens Company, Buffalo, N. Y. Colorimeter. 2,310,624; Feb. 9.
- Estey, Roger S., Buffalo, and Kennard W. Harper, East Aurora, assignors to Spencer Lens Company, Buffalo, N. Y. Spectrometer. 2,330,694; Sept. 28.
- Esty, Alfred H., assignor of one-fourth to W. H. Oellerich, and one-fourth to C. Grunsky, Santa Cruz, Calif. Two-position work holding device. 2,327,030; Aug. 17.
- Esval, Orland E., Allendale, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyroscopic horizon. 2,311,652; Feb. 23.
- Ethridge, Albert S., assignor to Hummel & Downing Company, Milwaukee, Wis. Paper carton. 2,317,040; Apr. 20.
- Ethridge, James M. (See Walsmith, G. C., and Ethridge.)
- Etsel, Knut G., and J. Christensen, Chicago, Ill. Door operating device. 2,321,286; June 8.
- Ettelbrick, Nicholas, Jr. (See Ettelbrick, Nicholas, Sr., and Jr.)
- Ettelbrick, Nicholas, Sr. and Jr., Greenup, Ill. Shoe. 2,313,149; Mar. 14.
- Etten, Nicholas L. (See Hammond, Lowell F., assignor.)
- Etten, Nicholas L., Waterloo, Iowa. Wringer. 2,307,367; Jan. 6.
- Etten, Nicholas L., Waterloo, Iowa. Wringer roll stop. 2,307,368; Jan. 5.
- Etten, Nicholas L., Waterloo, Iowa. Wringer release mechanism. 2,308,443; Jan. 12.
- Etten, Nicholas L., Waterloo, Iowa. Power reset mechanism for wringers. 2,308,444; Jan. 12.
- Etten, Nicholas L., Waterloo, Iowa. Wringer release and reset mechanism. 2,308,445; Jan. 12.
- Etten, Nicholas L., Waterloo, Iowa. Diminishing pressure wringer. 2,313,134; Mar. 9.
- Etten, Nicholas L., Waterloo, Iowa. Wringer with up-sweep and reset handle. 2,314,973; Mar. 30.
- Etten, Nicholas L., Waterloo, Iowa. Clothes wringer structure. 2,320,226; May 25.

- Etten, Nicholas L., Waterloo, Iowa. Safety release. 2,332,210; June 20.
- Etten, Nicholas L., Waterloo, Iowa. Wringer roll stop. 2,330,480; Sept. 28.
- Etten, Nicholas L., Waterloo, Iowa. Constant pressure wringer. 2,330,481; Sept. 28.
- Ettl, Joseph, Plainfield, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y. Machine for applying adhesive to strip materials. 2,335,176; Nov. 23.
- Ettl, Joseph, Highlands, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y. Apparatus for combining materials. 2,334,485; Nov. 16.
- Ettl, Joseph, Highlands, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y. Machine for handling strip material. 2,335,177; Nov. 23.
- Ettl, Joseph, Highlands, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y. Coating strip material. 2,335,178; Nov. 23.
- Etzet, Gastao. (See Henke, C. O., and Etzel.)
- Etzler, Dorr H. (See Farrington, B. B., Clayton, and Etzler.)
- Etzler, Harry R., Mount Clemens, Mich. Insect catcher. 2,326,845; Aug. 17.
- Etzler, Harry R., Mount Clemens, Mich. Insect catcher. 2,328,632; Sept. 7.
- Eubanks, Edward F., et al. (See Eubanks, Floyd G., assignor.)
- Eubanks, Floyd G., assignor of thirty-one and one-half per cent to F. E. Vaughan, Pasadena, five per cent to R. M. McManigal, South Pasadena, six per cent to E. F. Eubanks, six per cent to P. R. Eubanks, six per cent to P. H. Eubanks, eight per cent to E. U. Vaughan, and eight per cent to P. A. Vaughan, Pasadena, Calif. Drafting pen. 2,322,002; June 15.
- Eubanks, Floyd G., assignor of thirty-one and one-half per cent to F. E. Vaughan, Pasadena, five per cent to R. M. McManigal, Compton, 6 per cent to E. F. Eubanks, six per cent to P. R. Eubanks, six per cent to P. R. Eubanks, eight per cent to P. A. Vaughan, and eight per cent to E. U. Vaughan, Pasadena, Calif. Drafting machine blank. 2,331,582; Oct. 12.
- Eubanks, Patricia R., et al. (See Eubanks, Floyd G., assignor.)
- Eubanks, Philip K., et al. (See Eubanks, Floyd G., assignor.)
- Euclid Road Machinery Company, The. (See Armington, George E., and R. Q., assignors.)
- Euclid Road Machinery Company, The. (See Armington, R. Q., and Stewart F., assignors.)
- Euclid Road Machinery Company, The. (See Armington, Raymond Q., assignor.)
- Euclid Road Machinery Company, The. (See Armington, Raymond Q., and G. E., assignors.)
- Euclid Road Machinery Company, The. (See Armington, Stewart F., assignor.)
- Euclid Road Machinery Company, The. (See Armington, Stewart F., and George E., assignors.)
- Euclid Road Machinery Co., The. (See Mayner, Stanley, assignor.)
- Eureka Vacuum Cleaner Company. (See Coss, George R., assignor.)
- Eureka Vacuum Cleaner Company. (See Gardes, Alfred W., assignor.)
- Eustis, Irving N., and Ira Sublett, assignors to Fairmont Railway Motors, Inc., Fairmont, Minn. Ballast working apparatus. 2,336,079; Dec. 7.
- Ewer, Herbert D., St. Louis, Mo., assignor to American Car and Foundry Company, New York, N. Y. Refrigeration system. 2,319,310; May 18.
- Evangelista, Hugo, Gloversville, N. Y. Glove. 2,316,575; Apr. 13.
- Evans, Addison W., assignor to The Torrington Manufacturing Co., Torrington, Conn. Double inlet blower wheel. 2,315,407; Mar. 30.
- Evans, Addison W., assignor to The Torrington Manufacturing Co., Torrington, Conn. Hub and plate assembly. 2,334,320; Nov. 16.
- Evans, Albert E., Fairview, N. J. Combination oil refiner and filter. 2,330,116; Sept. 21.
- Evans, Arthur C., Watertown, assignor to Scovill Manufacturing Company, Waterbury, Conn. Apparatus for mixing powdered materials. 2,336,438; Dec. 7.
- Evans, Arthur G. (See Orellind, J. R., and Evans.)
- Evans, Arthur G., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,330,272; Sept. 28.
- Evans, Arthur L., Detroit, Mich. Grinder. 2,319,311; May 18.
- Evans, Avery, Dunnville, Ontario, Canada. Revolvable table. 2,317,042; Apr. 20.
- Evans, Clarence T., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controller. 2,316,678; Apr. 13.
- Evans, Clarence T., Wauwatosa, P. B. Harwood, and F. C. McNicol, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controlling device. 2,312,243; Feb. 23.
- Evans, Cyril H., Snarebrook, London, assignor to Spillers Limited, Markyate, near St. Albans, England. Apparatus for regulating the flow of liquid. 2,316,848; Apr. 20.
- Evans, Earl W., Columblana, assignor to National Rubber Machinery Company, Akron, Ohio. Apparatus for manufacturing tire casings. 2,329,258; Sept. 14.
- Evans, Edwin R., Orchard Lake, Mich. Disk brake. 2,325,596; Aug. 3.
- Evans, Francis C. (See Farmer, P. M., Evans, and Spamer.)
- Evans, Francis C., Dongan Hills, Staten Island, N. Y., and F. M. Cowan, Plainfield, N. J., assignors to American District Telegraph Company, New York, N. Y. Aero chamber rosette. 2,319,671; May 18.
- Evans, George H., assignor of one-half to R. K. Stevens, Washington, D. C. Display sign. 2,322,838; June 29.
- Evans, George R. (See Moen, Kenneth R., assignor.)
- Evans, Irvin W. (See Myerson, Simon, and Martin, and Evans.)
- Evans, John, Palmyra, N. J., assignor to Radio Corporation of America. Phase modulation. 2,318,934; May 11.
- Evans, John L., Rockford, Ill., and W. A. Hall, Flint, Mich., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Leak sealing composition. 2,315,324; Mar. 30.
- Evans, Lucy H. (See Andrews, J. S., Evans, and Huber.)
- Evans, Luther W., Richmond, Va. Adjustable rack. 2,310,770; Feb. 9.
- Evans, Manuel, Allentown, Pa. Personal utilities receptacle. 2,336,234; Dec. 7.
- Evans, Martin E., Pittsburgh, Pa. Metal attenuating process and apparatus. 2,328,629; Aug. 16.
- Evans, Morris S. (See Cassens, F. G., Evans, and Hertzsch.)
- Evans, Nell, Montclair, N. J., assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Device for inserting wire coils in tapped holes. 2,316,231; Apr. 13.
- Evans, Paul M., Valentine, Tex. Coupling device for well apparatus. 2,316,679; Apr. 13.
- Evans, Peter B. (See Bullitt, J. B., Jr., Evans, and Hopkins.)
- Evans, Peter B., Wynnewood, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Solvent composition. 2,328,633; Sept. 7.
- Evans Products Company. (See Anderson, Raymond M., assignor.)
- Evans Products Company. (See Evans, R. B., Farrell, and Schneider, assignors.)
- Evans, Robert B., Grasse Pointe, E. F. Farrell, and G. M. Schneider, assignors to Evans Products Company, Detroit, Mich. Space heater. 2,318,476; May 4.
- Evans, Robert D. (See Parker, W. V., and Evans.)
- Evans, Robert D., Swisvale, and A. C. Monteith, Wilkesburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical system. 2,315,606; Apr. 6.
- Evans, Seth, assignor to Hughes Tool Company, Houston, Tex. Tool joint assembly. 2,308,006; Jan. 12.
- Evans, Theodore W. (See Marple, K. E., and Evans.)
- Evans, Theodore W. (See Marple, K. E., Shokal, and Evans.)
- Evans, Theodore W., Berkeley, and E. F. Bullard, Oakland, assignors to Shell Development Company, San Francisco, Calif. Secondary ethers of polyhydric alcohols. Re. 2,234,7; July 13.
- Evans, Theodore W., K. E. Marple, and E. C. Shokal, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of epoxide ethers. 2,314,039; Mar. 16.
- Evans, Wilison. (See Bird, P. G., Evans, Harmon, and Salvesen.)
- Evansville on the Air, Inc. (See Caraway, John B., Jr., assignor.)
- Everet Propeller Corporation. (See Everts, Walter W., assignor.)
- Everet Propeller Corporation. (See Hackethal, Paul F., assignor.)
- Everest, Alfred W., Pittsfield, Mass., assignor to General Electric Company. Magnetostriction measuring apparatus. 2,312,856; Mar. 2.
- Everest, J. H., et al., trustee. (See Odor, Ralph K., assignor.)
- Everest, J. H., et al., trustee. (See Odor, R. K., and Dodge, assignors.)
- Everett, Arthur C., Boston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Closure handling apparatus. 2,336,606; Dec. 14.
- Everett, Charles E., assignor to The Massey-Harris Company, Racine, Wis. Self-propelled combine-harvester. 2,310,577; Feb. 9.
- Everett, Charles E., assignor to The Massey-Harris Company, Racine, Wis. Self-propelled corn harvester. 2,323,087; June 29.
- Everett, Charles V., assignor to The Massey-Harris Company, Racine, Wis. Variable speed transmission and clutch. 2,326,002; Dec. 7.
- Everett Developments Limited. (See Everett, Samuel J., assignor.)
- Everett, Samuel J., assignor to Everett Developments Limited, Thornton Heath, England. Manufacture of needles and needle-like articles. 2,326,022; Aug. 3.
- Everitt, David C., Milwaukee, Wis. Edge to edge sewing machine attachments. 2,320,271; May 25.
- Everlasting Valve Company. (See Wilson, Wylie G., assignor.)
- Evers, Harry G. (See Denton, L., and Evers, assignors.)
- Eversharp, Inc. (See Dreyfuss, Henry, assignor.)
- Eversharp, Inc. (See Moore, Fred P., assignor.)

- Evershed & Signoles Limited. (See Midworth, Cyril, assignor.)
- Evert, Charles W., and A. W. Werner, assignors to Downing Box Company, Milwaukee, Wis. Container. 2,311,040; Feb. 16.
- Evert, Karl H., Elmhurst, Ill. Producing flexible metal hose. 2,313,329; Mar. 9.
- Everts, Walter W., assignor of one-third to A. J. Fink and one-third to E. S. Stockbridge, Baltimore, Md. Centrifugally operated clutch. 2,312,889; Mar. 2.
- Everts, Walter W., assignor to Everel Propeller Corporation, Baltimore, Md. Propeller. 2,324,569; July 20.
- Eves, Frederick S., assignor to Automotive Products Company Limited, London, England. Liquid pressure remote control system, more particularly for operating soot blowers of boilers and the like. 2,309,889; Feb. 2.
- Eves, Frederick S., Leamington Spa, and A. C. Bamford, Bootle, Liverpool, assignors to Automotive Products Company Limited, Leamington Spa, and Chadburn's (Ship) Telegraph Company Limited, Bootle, Liverpool, England. Liquid pressure remote control systems. 2,335,269; Nov. 30.
- Evett, Roy J., Seattle, Wash. Fruit and berry washing and grading equipment. 2,316,159; Apr. 13.
- Evitt, Harry G., Baltimore, Md. Receptacle closure member. 2,307,832; Jan. 12.
- Evjen, Haakon M., assignor to Nordel Corporation, Houston, Tex. Apparatus for making geophysical explorations. 2,314,873; Mar. 30.
- Evjen, Haakon M., assignor to Nordel Corporation, Houston, Tex. Reversing switch. 2,314,874; Mar. 30.
- Evrell, Caleb E. (See Wallgren, A. G. F., and Evrell.)
- Ewald, Fred J. (See Tuttle, W. R., and Ewald.)
- Ewald, Mark, Olympia, Wash., assignor to Special Equipments Company, Portland, Ore. Removing seed-containing sections from half fruit. 2,327,343; Aug. 24.
- Ewald, Raymond L., Olympia, Wash., assignor to Special Equipment Company, Portland, Ore. Fruit bobbing apparatus. 2,321,590; June 15.
- Ewald, Raymond L., and H. A. Skog, Olympia, Wash., assignors to Special Equipment Company, Portland, Ore. Fruit bobbing apparatus. 2,335,849; Dec. 7.
- Ewald, Wilhelm P., Paschen, and J. Uffinger, Nuremberg, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Magnet system. 2,307,205; Jan. 5.
- Ewaldson, Waldemar C., Millington, N. J., assignor to Western Electric Company, Incorporated, Portland, N. Y. Strand handling apparatus. 2,316,508; Apr. 13.
- Ewer, Arthur C., Brooklyn, N. Y., assignor to Bemis Bro. Bag Company, St. Louis, Mo. Closure. 2,314,819; Mar. 23.
- Ewer, Arthur C., Brooklyn, N. Y., C. V. Brady, Webster Groves, Mo., and R. W. Hanse, Freeport, N. Y., assignors to Bemis Bro. Bag Company, St. Louis, Mo. Fabric tubing. 2,314,202; Mar. 16.
- Ewers, Robert S., Glendale, Ariz. Saw filing machine. 2,323,527; July 6.
- Ewerth, Anton Georg, Stocksund, assignor to Erik Vilhelm Walter Hallwyl Von Geijer, Vegheholm, Sweden. Discharge means for drill sowing machines. 2,328,716; Sept. 7.
- Eweson, Eric W., New York, N. Y. Eye washing device. 2,330,695; Sept. 28.
- Eweson, Eric W., Wilmington, Del., assignor to Aqua-Electric Corporation, Ltd., Halifax, Nova Scotia. Water softening apparatus. 2,335,657; Nov. 30.
- Ewing, Alvin L., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn processing apparatus. 2,317,747; Apr. 27.
- Ewing, Hume N. (See Honko, A. I., and Ewing.)
- Ewing, Charles W. (See Coleman, J. D., and Ewing.)
- Ewing Development Company. (See Grebe, J. J., and Ewing, assignors.)
- Ewing, Frederick J., Los Angeles, Calif., assignor to Refining, Inc., Reno, Nev. Refining fatty material. 2,329,889; Sept. 21.
- Ewing, George W. (See Chandler, D. L., Walker, and Ewing.)
- Ewing, Nathaniel, et al, trustees. (See Daugherty, Fount F., assignor.)
- Ewing, Robert, Dallas, Tex. Thermal shield for tank heads. 2,327,628; Aug. 24.
- Ewing, Samuel C., Scotta, and F. H. Winter, Schenectady, N. Y., assignors to General Electric Company. Control system. 2,312,528; Mar. 9.
- Ewing, Walkley B. (See Grebe, J. J., and Ewing.)
- Ewins, Arthur J., Gidea Park, and M. A. Phillips, Romford, assignors to May & Baker, Limited, London, England. Preparation of new therapeutically useful heterocyclic compounds. 2,312,032; Feb. 23.
- Ewins, Arthur J., Gidea Park, Romford, and M. A. Phillips, Romford, assignors to May & Baker, Limited, London, England. Therapeutically useful heterocyclic compounds. 2,335,221; Nov. 23.
- Exact Weight Scale Company, The. (See Flanagan, Thomas B., assignor.)
- Exact Weight Scale Company, The. (See Flanagan, T. B., and Pounds, assignor.)
- Exact Weight Scale Company, The. (See Sullivan, James F., assignor.)
- Ex-Cell-O Corporation. (See Bauer, Russell E., assignor.)
- Ex-Cell-O Corporation. (See Hoffer, James F., assignor.)
- Ex-Cell-O Corporation. (See Mathys, Max A., assignor.)
- Ex-Cell-O Corporation. (See Seyferth, Harold N., assignor.)
- Ex-Cell-O Corporation. (See Snader, Ira J., assignor.)
- Ex-Cell-O Corporation. (See Stewart, Gilbert, assignor.)
- Executive Board of Montana State College. (See Dye, Edward, assignor.)
- Exercycle Corporation. (See Turner, A. W., and Greene, assignor.)
- Exhibit Supply Company, The. (See Solinski, Charles A., assignor.)
- Exiner, Alexander R., Evanston, Ill. Window. 2,330,696; Sept. 28.
- Exley, William H., San Jose, Calif. Vacuum sealing device. 2,335,502; Nov. 30.
- Exline, William, Inc. (See Exline, William P., assignor.)
- Exline, William P., Shaker Heights, assignor to William Exline, Inc., Cleveland, Ohio. Checkbook holder. 2,317,748; Apr. 27.
- Exner-Dodge Packer Company, The. (See Fulkerson, Richard P., assignor.)
- Eyerly, Lee U., Salem, Ore. Aerial merry-go-round. 2,312,533; Mar. 2.
- Eylet Specialty Company. (See Book, Charles R., assignor.)
- Eyman, Lewis E., Seattle, Wash. Creation of design patents. 2,331,043; Apr. 20.
- Eysenbach, Hans. (See Logemann, W., Inhoffen, and Eysenbach.)
- Eyth, Heinrich. (See Kuppenbender, H., Eyth, and Jörg.)
- Ezrol, Edward, Brooklyn, assignor to H. Robinson and O. A. Golluber, doing business under partnership name Robinson and Golluber, New York, N. Y. Display and dispensing means. 2,327,878; Aug. 24.
- F. N. Limited. (See Bolden, G. L., and Morrison, assignor.)
- F-S-K Manufacturing Company. (See Fels, William, assignor.)
- Faber, Robert E., assignor to Chamberlain, Inc., Chicago, Ill. Handle for utensils. 2,325,841; Aug. 3.
- Fabian, Constantine F., Brookfield, assignor, by mesne assignments, to The Frank H. Lee Company, Danbury, Conn. Treating fur for felting. 2,325,236; July 27.
- Fabian, Constantine F., Brookfield, and J. B. Lee, assignors to Lee Bros. Hats, Inc., Danbury, Conn. Process of and composition for waterproofing permeable materials. 2,314,135; Mar. 16.
- Fabian, Constantine F., Brookfield, and J. B. Lee, assignors to Lee Bros. Hats, Inc., Danbury, Conn. Process of and composition for waterproofing permeable material. 2,318,302; May 4.
- Fabreka Products Company. (See Dwyer, T. F., Jr., and Gray, assignor.)
- Fabreka Products Company. (See Gray, D. W., and Rogers, assignors.)
- Fabrikklieblaget Haldatexametern. (See Hampf, Edwin, assignor.)
- Factor, Max, & Co. (See Peat, Roy L., assignor.)
- Fadden, Leon R., New Brighton, assignor to Contracting Division A. C. Horn Corporation, Long Island City, N. Y. Colored emulsified asphalt composition. 2,332,311; Oct. 19.
- Fader, Charles, Dorchester, Mass. Manifold mechanism for typewriters. 2,320,918; June 1.
- Fafnir Bearing Company, The. (See Potter, Howell L., assignor.)
- Fafnir Bearing Company, The. (See Reynolds, Harry R., assignor.)
- Fagan, John C., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Flatiron cord support. 2,332,374; Oct. 19.
- Fagan, John E. (See Wolff, J. G., Huelster, and Fagan.)
- Fagan, Joseph S., Inglewood, Calif. Paint burning and scraping tool. 2,326,630; Aug. 10.
- Fageol, Robley G. (See Leibing, W. E., and Fageol.)
- Fageol, William B., assignor to Twin Coach Company, Kent, Ohio. Vehicle spring suspension. 2,330,482; Sept. 28.
- Fahnoe, Harold H., Wilksburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,310,069; Feb. 2.
- Fahnoe, Harold H., Wilksburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,333,774; Nov. 9.
- Fahrenwald, Arthur W., Moscow, Idaho. Flotation machine. 2,337,806; Dec. 28.
- Fahringer, Stewart F. (See Porter, H. B., and Fahringer.)
- Failing, George E., Supply Company, The. (See Alexander, E. L., and Braithwaite, assignors.)
- Failing, George E., Supply Company, The. (See Caldwell, Walter T., assignor.)
- Fain, William H. (See Osburn, J. L., and Fain.)
- Fair, Drury H., Evanston, Ill., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,326,846; Aug. 17.
- Fair, Irvin E., Lyndhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Light modulating apparatus and method. 2,308,360; Jan. 12.
- Fairbairn, Eric P., Coventry, assignor to The General Electric Company Limited, London, England. Telephone system. 2,313,815; Mar. 16.

- Fairbairn Lawson Combe Barbour Limited. (See Bee, Joseph R., assignor.)
- Fairbank, Harry N., Weston, Mass. Altitude or the like. 2,332,566; Oct. 26.
- Fairbanks, Henry N., Rochester, N. Y., and R. W. Wallace, Washington, D. C., assignors to Eastman Kodak Company, Rochester, N. Y. Threading mechanism for motion picture apparatus. 2,327,776; Aug. 24.
- Fairbanks, Morse & Co. (See Brown, Raymond F., assignor.)
- Fairbanks, Morse & Co. (See Dehu, William C., assignor.)
- Fairbanks, Morse & Co. (See Gilbert, Sever C., assignor.)
- Fairbanks, Morse & Co. (See Hadley, Harlan A., assignor.)
- Fairbanks, Morse & Co. (See Jacobus, Dale P., assignor.)
- Fairbanks, Morse & Co. (See Jacobus, D. P., and Guldbrandsen, assignors.)
- Fairbanks, Morse & Co. (See Lynch, Elbert J., assignor.)
- Fairbanks, Morse & Co. (See Turner, Harold H., assignor.)
- Fairbank, Morse & Co. (See Ward, Willard H., assignor.)
- Fairbanks, Morse & Co. (See Watson, Oliver H., assignor.)
- Fairbanks, Sumner C., Passaic, assignor to The Hamersley Manufacturing Company, Garfield, N. J. Improved paper. 2,314,820; Mar. 23.
- Fairchild Aviation Corporation. (See Gaty, Clinton B., assignor.)
- Fairchild Aviation Corporation. (See Kuebert, Edward J., assignor.)
- Fairchild Aviation Corporation. (See Kuebert, E. J., and Pentoli, assignors.)
- Fairchild Aviation Corporation. (See Moore, David W., Jr., assignor.)
- Fairchild Aviation Corporation. (See Roters, Herbert C., assignor.)
- Fairchild Engine and Airplane Corporation. (See De Pew, Chester C., assignor.)
- Fairchild Engine and Airplane Corporation. (See Gregory, A. T., and De Pew, assignors.)
- Fairchild Engine and Airplane Corporation. (See Gregory, A. T., and Fuller, assignors.)
- Fairchild Engine and Airplane Corporation. (See Gregory, A. T., and Wasielewski, assignors.)
- Fairchild Engine and Airplane Corporation. (See Thiblot, Armand J., assignor.)
- Fairchild, Polley & Elbel, Inc. (See Elbel, Leon T., assignor.)
- Fairchild, Walter H., assignor to The Baltimore Paper Box Company, Baltimore, Md. Package. 2,315,368; Mar. 30.
- Fairclough, Edward, assignor to Willard Storage Battery Company, Cleveland, Ohio. Battery separator. 2,314,203; Mar. 16.
- Fairey Aviation Company Limited, The. (See Hilton, L. M., and Hetherington, assignors.)
- Fairhurst, Leonard G., assignor to Rotol Airscrews Limited, Gloucester, England. Airscrew. 2,314,136; Mar. 16.
- Fairhurst, Leonard G., and H. Newport, assignors to Rotol Airscrews Limited, Gloucester, England. Variable-pitch airscrew. 2,332,786; Oct. 26.
- Fairley, Frank, London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone set. 2,318,681; May 11.
- Fairmont Railway Motors, Inc. (See Eustis, I. N., and Sublett, assignors.)
- Fairmount Glass Works, Inc. (See Zappia, Anthony T., assignor.)
- Fairmount Tool and Forging Co., The. (See Gambino, Joseph, assignor.)
- Falco, Louis A., assignor to The Dextone Company, New Haven, Conn. Building construction. 2,312,397; Mar. 2.
- Falcon Bronze Company, The. (See Wick, J. L., Jr., and Nesselbush, assignors.)
- Falcon, Jeronimo. (See Baker, Louis M., assignor.)
- Falcon, Jeronimo, Buenos Aires, Argentina. Convertible top for vehicles. 2,331,603; Oct. 12.
- Falcon, Jeronimo, Detroit, Mich. Outtrigger operating means. 2,320,919; June 1.
- Falcon, Jeronimo, Detroit, Mich. Automobile top construction. 2,322,839; June 29.
- Falconer, Stuart A., Old Greenwich, and S. E. Erickson, Springdale, Conn., assignors to American Cyanamid Company, New York, N. Y. Flotation of quartz and other acidic minerals. 2,307,397; Jan. 5.
- Faley, George J. V., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibration translating device. 2,325,117; July 27.
- Falge, Robert N., George W. Onksen, Jr., and Howard I. Sione, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Direction signal circuit. 2,321,803; June 15.
- Falk, Adolf C., Drexel Hill, and R. A. Wagner, Sharon Hill, Pa., assignors to Kellogg Autogiro Corporation. Aircraft landing gear. 2,326,210; Aug. 10.
- Falk & Company. (See Gutkin, Samuel S., assignor.)
- Falk Corporation, The. (See Bade, Alfred G., assignor.)
- Falk Corporation. (See Falk, Herman W., assignor.)
- Falk Corporation, The. (See Falk, Louis W., assignor.)
- Falk Corporation, The. (See Gruett, Le Roy E., assignor.)
- Falk Corporation, The. (See Schmitter, Walter P., assignor.)
- Falk, Herman W., assignor to Falk Corporation, Milwaukee, Wis. Finishing gear tooth surfaces. 2,325,237; July 27.
- Falk, Louis W., assignor to The Falk Corporation, Milwaukee, Wis. Rolling mill spindle support. 2,313,230; Mar. 9.
- Falk, Louis W., assignor to The Falk Corporation, Milwaukee, Wis. Gear housing. 2,327,777; Aug. 24.
- Falk, Otto. (See Schroder, A., and Falk.)
- Falkman, Ragnar L. G., Torshälla, Sweden. Brush. 2,331,672; Oct. 12.
- Fallesen, George E., and J. A. Leermakers, assignors to Eastman Kodak Company, Rochester, N. Y. Fog inhibitor for photographic emulsions. 2,313,529; Mar. 9.
- Falla, Herbert B., Wichita, Kans. Device for holding garbage cans. 2,314,331; Mar. 23.
- Fallon, James M., and W. D. Boggess, assignors to The Beveridge Paper Company, Indianapolis, Ind. Identification ticket and producing same. 2,309,178; Jan. 26.
- Faltico, Frank J., Minneapolis, Minn. Method and means for automatic gain control. 2,323,211; June 29.
- Fander, John H. I. (See Gilbert, L., and Fander.)
- Fandrich, Victor H., Auburn, N. Y. Display card. 2,311,218; Feb. 16.
- Fanner, Percival A., Lakewood, Ohio. Car retarding or braking mechanism. 2,308,597; Jan. 19.
- Fanning, Fred H., assignor to Ihaw-Knox Company, Pittsburgh, Pa. Surface material working. 2,326,847; Aug. 17.
- Fanning, Fred H., assignor to Ihaw-Knox Company, Pittsburgh, Pa. Surface working method. 2,326,848; Aug. 17.
- Fansteel Metallurgical Corporation. (See Gwyn, Childress B., Jr., assignor.)
- Fansteel Metallurgical Corporation. (See Hunter, Frederick L., assignor.)
- Fanto, Emil. (See Onchundro, A. L., and Fanto.)
- Fantone, Charles B., Lyndhurst, assignor to Synco Machine Company, Rahway, N. J. Adhesive applicator. 2,324,686; July 20.
- Fantur, Charles L., East Cleveland, Ohio, assignor to General Electric Company. Stem and mount construction. 2,327,031; Aug. 17.
- Fantur, Charles L., Garover, N. H., and E. E. Lehmann, East Cleveland, Ohio, assignors to General Electric Company. Electric incandescent lamp. 2,321,665; June 15.
- Farago, Joseph, assignor to one-half to A. Matica, Detroit, Mich. Rail joint. 2,316,849; Apr. 20.
- Färber, Eduard, assignor to Polyzor Chemical Co., Inc., New Haven, Conn. Resinous product from cellulose substances. 2,312,807; Mar. 2.
- Färber, Eduard, assignor to Polyzor Chemical Co., Inc., New Haven, Conn. Processing of tall oil. 2,337,235; Dec. 21.
- Farles Manufacturing Company. (See Livers, John F., assignor.)
- Faris, Harold P., Philadelphia, Pa., assignor to National Automotive Fibres, Inc., Detroit, Mich. Carpet. 2,317,505; Apr. 27.
- Farkas, Amelia, and W. Farkas, Brooklyn, N. Y. Umbrella. 2,319,118; May 11.
- Farkas, George B. (See Gunter, A. Y., and Farkas.)
- Farkas, Mihaly, Minneapolis, Minn. Fish bag. 2,323,318; July 6.
- Farkas, William. (See Farkas, Amelia and W.)
- Farley, Floyd. (See Bell, W. E., and Farley.)
- Farlow, Mark W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Saturated aliphatic higher monomonomonocarboxylic acid amines and their preparation. 2,323,806; July 6.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Equalizing valve device. 2,308,870; Jan. 19.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid type inertia device. 2,322,003; June 15.
- Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control valve device. 2,329,749; Sept. 21.
- Farmer, Max D., trustee. (See Waters, Eugene D., assignor.)
- Farmer, Paul M., Maplewood, N. J., F. C. Evans, Dongan Hills, Staten Island, and R. F. Spamer, Lynbrook, assignors to The American District Telegraph Company, New York, N. Y. Automatic fire control system for ventilating or air conditioning systems. 2,311,374; Feb. 16.
- Farmers Incorporated. (See Hunt, Sylvester H., assignor.)
- Farnham, Ralph A. (See Wood, G. S., and Farnham.)
- Farnham, Sherman B., Schenectady, N. Y., assignor to General Electric Company. Protection of alternating current electric systems. 2,320,123; May 25.
- Farnsworth, Philo T., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Electron control device. 2,311,981; Feb. 23.

- Farnsworth, Philo T., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Television projection system. 2,515,113; Mar. 30.
- Farnsworth Television and Radio Corporation. (See Bamford, Harry S., assignor.)
- Farnsworth Television and Radio Corporation. (See Carwein, Madison, assignor.)
- Farnsworth Television and Radio Corporation. (See Farnsworth, Philo T., assignor.)
- Farnsworth Television and Radio Corporation. (See Herbst, Philip J., assignor.)
- Farnsworth Television and Radio Corporation. (See Knox, Arthur L., assignor.)
- Farnsworth Television and Radio Corporation. (See Knox, A. L., and Kahl, assignors.)
- Farnsworth Television and Radio Corporation. (See Lechner, William G., assignor.)
- Farnsworth Television and Radio Corporation. (See Nelson, Arthur L., assignor.)
- Farnsworth Television and Radio Corporation. (See Pressley, Jackson H., assignor.)
- Farnsworth Television and Radio Corporation. (See Salinger, Hans, assignor.)
- Farr, Cyril, St. Charles, Ill., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Apparatus for producing multiply tubing. 2,321,738; June 15.
- Farr, Carl C., assignor to Olive S. Petty, San Antonio, Tex. Fluid pump. 2,331,070; Oct. 5.
- Farquhar, Robert H., Lansdowne, Pa. Pneumatic jack. 2,328,970; Sept. 7.
- Farr, Charles L. (See Longman, S., and Farr.)
- Farr, Harold T., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Alignment gauge. 2,316,850; Apr. 20.
- Farr, Willard H., assignor to Stewart-Warner Corporation, Chicago, Ill. Watt-hour meter. 2,316,410; Apr. 13.
- Farrar, Alvin J., assignor to The Van Dorn Iron Works Company, Cleveland, Ohio. Street sweeper. 2,327,879; Aug. 24.
- Farrar, Fay A., San Jose, Calif. Prime mover. 2,327,409; Aug. 24.
- Farrell, Edward J., New York, N. Y. Paper roll package. 2,334,077; Nov. 9.
- Farrel-Birmingham Company. (See Gasser, Emil R., assignor.)
- Farrell, Harold R., et al. (See Krause, Victor W., assignor.)
- Farrell, James J., Scotia, N. Y., assignor to General Electric Company. Apparatus for and method of making blanks for self-tapping screws. 2,309,033; Jan. 19.
- Farrell, James L. (See Drennan, H. E., and Farrell.)
- Farrell, John D., assignor to The Foote Company, Inc., Nunda, N. Y. Power unit for concrete mixers and the like. 2,319,807; May 25.
- Farrell, John D., assignor to The Foote Company, Inc., Nunda, N. Y. Inclined boom and bucket for concrete mixers. 2,321,073; June 8.
- Farrell, Marion L. (See Johnson, W. T., and Farrell.)
- Farrell, Marie B., executrix. (See Drennan, H. E., and Farrell.)
- Farrell, Melvin C. (See Salathé, E., and Farrell.)
- Farren, John W., R. W. Heywood, and J. F. Donnelly, assignors to Bastian-Morley Co., Inc., La Porte, Ind. Water heater. 2,334,398; Nov. 16.
- Farrington, Bruce B. (See Clayton, J. O., and Farrington.)
- Farrington, Bruce B., J. O. Clayton, and D. H. Etzler, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded oil. 2,308,602; Jan. 19.
- Farrington, Bruce B., J. O. Clayton, and D. H. Etzler, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded hydrocarbon oil. 2,308,603; Jan. 19.
- Farrington, Bruce B., J. O. Clayton, and J. T. Rutherford, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded mineral oil. 2,310,175; Feb. 2.
- Farrington, Bruce B., Berkeley, R. L. Humphreys, El Segundo, and R. T. Macdonald, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Treatment of frictional surfaces to facilitate wearing-in. 2,311,653; Feb. 23.
- Farrington, Bruce B., J. O. Clayton, and J. T. Rutherford, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded mineral oil. 2,321,804; June 15.
- Farrington, Bruce B., J. O. Clayton, and J. T. Rutherford, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded mineral oil. 2,325,597; Aug. 3.
- Farrington, Bruce B., J. O. Clayton, and J. T. Rutherford, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Metal organo-phosphates and preparing the same. 2,329,707; Sept. 21.
- Farrington, Hastings M., London, England. Mechanical pencil. 2,314,777; Mar. 23.
- Farrington, James T., Tampa, Fla. Bead setter. 2,314,927; Mar. 30.
- Farris, Emil M., et al. (See Clemente, Agostino, assignor.)
- Farrow, Cecil, Bainbridge Township, Geauga County, assignor to Republic Steel Corporation, Cleveland, Ohio. Defect detecting and removing apparatus. 2,309,343; Jan. 26.
- Farrow, Frederick R., Jr., Audubon, N. J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Electroacoustic transducer. 2,322,621; June 22.
- Farrow, Frederick R., Jr., Audubon, N. J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Electroacoustic transducer. 2,330,697; Sept. 28.
- Farrow, Stanley, Denville, N. J., assignor to the Government of the United States of America, represented by the Secretary of War. Time fuse. 2,334,182; Nov. 16.
- Farry, Otis T., University City, assignor to Wagner Electric Corporation, St. Louis, Mo. Inductive winding. 2,310,684; Feb. 9.
- Farwick, Theodore, assignor to American Gas Furnace Company, Elizabeth, N. J. Flow indicator. 2,311,375; Feb. 16.
- Fash, Ralph H., trustee. (See Campbell, John G., assignor.)
- Fassel, Elgin G., Milwaukee, Wis. Photographic recording methods. 2,331,113; Oct. 5.
- Fassin, Gustave, Grosse Pointe, Mich., assignor to Spencer Lens Company, Buffalo, N. Y. Optical instrument. 2,318,844; May 11.
- Fasold, George A., Mount Healthy, and H. W. Greider, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Roofing. 2,326,723; Aug. 10.
- Fasold, George A., Mount Healthy, and H. W. Greider, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Roofing. 2,326,724; Aug. 10.
- Fast Bearing Company, The. (See Fast, Gustave, assignor.)
- Fast, Christiane G. (See Fast, Gustave, assignor.)
- Fast, Gustave, Lindamoor-on-Severn, assignor, by mesne assignments, to The Fast Bearing Company, Baltimore, Md. Bearing. 2,322,004; June 15.
- Fast, Gustave, assignor of one-half to C. G. Fast, Annapolis, Md. Coupling. 2,332,068; Oct. 19.
- Fatkin, Harry W., Westville, N. J., assignor to Warren-Knight Company, Philadelphia, Pa. Plotting apparatus. 2,332,967; Oct. 26.
- Fatland, Conrad, Chicago, Ill. Dust mop. 2,325,598; Aug. 3.
- Faucher, Andrew J., Grand Prairie, assignor of one-half to Bryce R. Sprayberry, Dallas, Tex. Fuel gas vaporizer. 2,329,750; Sept. 21.
- Faulhaber, Frederick A., Detroit, assignor to The Gear Grinding Machine Company, Hamtramck, Mich. Apparatus for forming templates. 2,323,528; July 6.
- Faulhaber, Roland W., Monroeville, Ohio. Saddle construction. 2,320,421; June 1.
- Faulkner, Arnold T., assignor to United Steel and Wire Company, Battle Creek, Mich. Bottle and like crate. 2,317,044; Apr. 20.
- Faulkner, Frank J., assignor, to G-M Laboratories, Inc., Chicago, Ill. Multiple connector plug. 2,324,144; July 13.
- Faulkner, Willard J., assignor to Advance Engineering Company, Chicago, Ill. Record changer. 2,331,383; Oct. 12.
- Faultless Rubber Company, The. (See De Laney, Wallace, assignor.)
- Fauner, Joseph F., Irvington, N. J. Tension holder. 2,328,793; Sept. 7.
- Faure, André and A. Firminy, Loire, France; vested in the Alien Property Custodian. Portable building structure. 2,330,519; Oct. 5.
- Faure, Antoine. (See Faure, A. and Antoine.)
- Faus, Harold T. (See Arey, R. G., and Faus.)
- Faus, Harold T., Lynn, Mass., assignor to General Electric Company. Magnetic suspension. 2,315,408; Mar. 30.
- Faus, Harold T., Lynn, Mass., assignor to General Electric Company. 2,333,991; Nov. 9.
- Fausek, Arthur J. and I. F., Clayton, Mo. Diaphragm. 2,323,985; July 13.
- Fausek, Irving F. (See Fausek, Arthur J., and I. F.)
- Fausset, Ernest R. (See Nichols, C. A., and Fausset.)
- Faust, Charles L., assignor to Battelle Memorial Institute, Columbus, Ohio. Polishing metals. 2,315,695; Apr. 6.
- Faust, Charles L., assignor to Battelle Memorial Institute, Columbus, Ohio. Polishing of metal surfaces. 2,315,696; Apr. 6.
- Faust, Charles L., assignor to Battelle Memorial Institute, Columbus, Ohio. Polished metal and making the same. 2,334,698; Nov. 23.
- Faust, Charles L., assignor to Battelle Memorial Institute, Columbus, Ohio. Electrolyte for the polishing of metal surfaces and use. 2,334,699; Nov. 23.
- Favin, William, South Ozone Park, assignor to A. D. Mizzy, New York, N. Y. Grinding combination and device. 2,329,191; Sept. 14.
- Fawcett, Eric W. M., Sunbury-on-Thames, assignor to Anglo-Iranian Oil Company Limited, London, England. Production of branched chain alkenes. 2,336,600; Dec. 14.
- Fawick General Company. (See Fawick, Thomas L., assignor.)

- Fawick, Thomas L., assignor to The Fawick General Company, Inc., Akron, Ohio. Assembly for driving clutches and the like and making the same. 2,307,450; Jan. 5.
- Fawick, Thomas L., Akron, Ohio. Shaft coupling. 2,316,509; Apr. 13.
- Fawick, Thomas L., Akron, Ohio. Handle grip. 2,318,682; May 11.
- Fawick, Thomas L., Akron, Ohio. Flexible shaft connection. 2,326,450; Aug. 10.
- Fawick, Thomas L., Akron, Ohio. Flexible coupling. 2,326,451; Aug. 10.
- Fawick, Thomas L., Akron, Ohio. Reverse-gear transmission. 2,335,926; Dec. 7.
- Fawkes, Donald G., assignor to Crane Co., Chicago, Ill. Spring loaded stuffing box. 2,308,475; Jan. 12.
- Fawkes, Donald G., assignor to Crane Co., Chicago, Ill. Snap action relief valve. 2,332,630; Oct. 26.
- Fawley, Elmer H. (See Bowman, W. J., and Fawley.)
- Fawley, Elmer H. (See Mueller, F. H., Bowman, and Fawley.)
- Maximile, Inc. (See Ressler, Hugh C., assignor.)
- Fay, Horace B., and T. H. Fay, Willoughby, Ohio. Ventilated wooden ironing board. 2,308,807; Jan. 19.
- Fay, Horace B., Willoughby, assignor to The Gridiron Steel Company, Cleveland, Ohio. Ironing board. 2,313,135; Mar. 9.
- Fay, Horace B., Willoughby, Ohio, assignor to Gridiron Steel Company. Tensioned top ironing table. 2,315,193; Mar. 30.
- Fay, Horace B., Willoughby, Ohio, assignor to Gridiron Steel Company. Ironing table top. 2,319,306; May 18.
- Fay, Horace B., Willoughby, Ohio, assignor to Gridiron Steel Company. Ironing table. 2,319,397; May 18.
- Fay, Horace B., Willoughby, assignor to Gridiron Steel Company, Cleveland, Ohio. Ironing board. 2,325,493; July 27.
- Fay, Horace B., Willoughby, assignor to The Stratmore Company, Cleveland, Ohio. Method and apparatus for belt surfacing. 2,330,203; Sept. 28.
- Fay, Horace B., Willoughby, Ohio, assignor to Gridiron Steel Company. Heated ironing table. 2,331,673; Oct. 12.
- Fay, Horace B. and T. H. Willoughby, assignors to Gridiron Steel Company, Cleveland, Ohio. Metal coated ironing table top. 2,335,494; Nov. 30.
- Fay, Joseph W. (See Markgraf, E. H., Jr. and Fay.)
- Fay, Joseph W., Villa Park, assignor to Overland Candy Corporation, Chicago, Ill. Machine for packaging edible products. 2,322,430; June 22.
- Fay, Thomas H. (See Fay, Horace B. and T. H.)
- Fay, Walter M., Ludlow, Mass. Trigger operating mechanism. 2,321,287; June 8.
- Fayer, William, New York, N. Y. Sportsman's garment. 2,325,494; July 27.
- Fays, René. (See Picard, R., and Fays.)
- Feagin, Roy C., Flushing, N. Y., and C. H. Prange, Short Hills, N. J., assignors to Austenal Laboratories, Inc., New York, N. Y. Dental resin. 2,318,845; May 11.
- Feagles, Ralph L. (See Raymond, G., Creech, and Feagles.)
- Fear, Ernest D., assignor of thirty percent to I. E. Fear and twenty percent to H. Murphy, Kansas City, Mo. Making cottage cheese. 2,326,132; Aug. 10.
- Fear, Ernest D., assignor of thirty percent to I. E. Fear and twenty percent to H. Murphy, Kansas City, Mo. Making cheese. 2,326,133; Aug. 10.
- Fear, Irving E., et al. (See Fear, Ernest D., assignor.)
- Fearon, Robert E. (See Scherbatsky, S. A., and Fearon.)
- Fearon, Robert E., Tulsa, Okla., assignor by mesne assignments, to Well Surveys, Incorporated. Well logging method and device. 2,308,361; Jan. 12.
- Fearon, Robert E., assignor to Well Surveys, Incorporated, Tulsa, Okla. Well logging apparatus and method thereof. 2,309,835; Feb. 2.
- Fearon, Robert E., Tulsa, Okla., assignor to Well Surveys, Incorporated, Tulsa, Okla. Well surveying method and apparatus. 2,316,576; Apr. 13.
- Featherer, Ralph L. (See Batchelder, G. W., Featherer, and Hughes.)
- Featheringham, Lee R. (See Neiswinter, J. T., and Featheringham.)
- Febrey, Harold H., South Orange, N. J., assignor to The American Steel and Wire Company of New Jersey. Rail bond. 2,318,604; May 11.
- Febrey, Harold H., South Orange, N. J., assignor to The American Steel and Wire Company of New Jersey. Rail bond terminal. 2,330,483; Sept. 28.
- Fechheimer, Paul R. (See Halled, M., and Fechheimer.)
- Fecker, Theodor, Berlin, Germany, assignor to General Electric Company. Transmitter. 2,314,487; Mar. 23.
- Fedak, Michael, Framack, Mich. Hobbyhorse mounted on wheels. 2,308,068; Jan. 12.
- Fedde, Arnold M., Brooklyn, N. Y. Gyroscope system. 2,320,354; June 1.
- Fedden, Alfred H. R., assignor to The Bristol Aeroplane Company Limited, Bristol, England. Variable-pitch airscrew. 2,307,578; Jan. 5.
- Fedden, Alfred H. R., and L. F. G. Butler, Bristol, England, F. M. Thomas, North Adams, Mass., and P. R. Price, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Bevel-gearing. 2,315,409; Mar. 30.
- Fedden, Alfred H. R., Bristol, England, and F. M. Thomas, North Adams, Mass., assignors to The Bristol Aeroplane Company Limited, Bristol, England. Cooling system for air-cooled internal-combustion engines. 2,336,601; Dec. 14.
- Fedders Manufacturing Company. (See Przybrowski, Stanislaus, assignor.)
- Fedders Manufacturing Company. (See Whit, S. A., and Przybrowski, assignors.)
- Feder, Emanuel, Newark, N. J. Combined business reply post card and envelope. 2,328,380; Aug. 31.
- Feder, Harry, Jackson Heights, assignor to Barclay Manufacturing Co., Inc., New York, N. Y. Making scored wallboard. 2,311,589; Feb. 16.
- Feder, Harry, Jackson Heights, assignor to Barclay Manufacturing Co., Inc., New York, N. Y. Scored wallboard. 2,311,590; Feb. 16.
- Federal Business Machines Corporation. (See Elliott, Edward L., assignor.)
- Federal Carton Corporation. (See Dorfman, Irving, assignor.)
- Federal Carton Corporation. (See Rous, Arthur, assignor.)
- Federal Carton Corporation. (See Rous, A., and Dorfman, assignors.)
- Federal Cartridge Corporation. (See Hoffman, Harry W., assignor.)
- Federal File Envelope Co. (See Winokar, Maurice, assignor.)
- Federal Flooring Corporation, The. (See Donelson, William W., assignor.)
- Federal Machine and Welder Company, The. (See Clark, Malcolm S., assignor.)
- Federal-Mogul Corporation. (See Darby, E. R., and Potter, assignors.)
- Federal Products Corporation. (See Tanner, Frederick C., assignor.)
- Federal Telephone and Radio Corporation. (See Alfred, Andrew, assignor.)
- Federal Telephone & Radio Corporation. (See Busignies, H. G., and Richardson, assignors.)
- Federal Telephone and Radio Corporation. (See Byrne, Paul E., assignor.)
- Federal Telephone and Radio Corporation. (See Goodale, Lynn, assignor.)
- Federal Telephone and Radio Corporation. (See Goodale, L., and Backer, assignors.)
- Federal Telephone & Radio Corporation. (See Kandolan, Armit G., assignor.)
- Federal Telephone and Radio Corporation. (See Littan, Charles V., assignor.)
- Federal Telephone & Radio Corporation. (See Paessler, Eric W., assignor.)
- Federal Telephone & Radio Corporation. (See Rote, Melvin A., assignor.)
- Federal Telephone and Radio Corporation. (See Saslaw, Otto, assignor.)
- Federal Telephone and Radio Corporation. (See Tucker, Lucien P., assignor.)
- Federal Telephone and Radio Corporation. (See Webster, Fullerton D., assignor.)
- Federal Telephone and Radio Corporation. (See Wheeler, Carson M., assignor.)
- Federbrush Co. (See Ellis, Brooks F., assignor.)
- Federbusch, William J., Granite City, Ill., assignor to Owens-Illinois Glass Company. Gauging machine. 2,327,620; Aug. 24.
- Fedorchak, William J., Granite City, J. R. Johnson, Alton, and A. S. Jackson, Wood River, Ill., assignors to Owens-Illinois Glass Company. Packaging machine. 2,331,018; Oct. 5.
- Feemster, William R., Chicago, Ill. Bean slicer. 2,323,863; July 6.
- Feenstra, Douwe H., Pittsfield, Mass., assignor to General Electric Company. Coupling. 2,330,039; Sept. 21.
- Fees, John N., Spokane, Wash. Loader. 2,315,091; Mar. 30.
- Fehler, Joseph, North Arlington, N. J., assignor to American Can Company, New York, N. Y. Can testing machine. 2,322,230; June 22.
- Fehr, Frank E., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Tear tape. 2,307,735; Jan. 12.
- Fehrer, Harold. (See Taylor, H. S., and Fehrer.)
- Fehrer, Harold, Nutley, N. J., assignor to Process Manufacturing Company, Inc., Wilmington, Del. Hydrocarbon conversion. 2,336,733; Dec. 14.
- Fehrlie, Alfred, Bad Soden in Taunus, and H. Oesterlin, W. Herrmann, and F. Hampe, Frankfurt-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Asymmetric arsenobenzene. 2,326,853; Dec. 14.
- Feifer, Harry, Passaic, N. J. Footwear. 2,331,768; Oct. 12.
- Feig, Edward C., assignor to C. E. Barrett & Company, Chicago, Ill. Pocket clip. 2,320,455; June 1.
- Felgion, Herman D., York, Nebr. Combination fence tool. 2,313,530; Mar. 9.
- Fehlberg, Ellis R. (See Olsen, A. G., and Fehlberg.)
- Felkert, Adrian H. (See Szegvary, A., and Felkert.)
- Feld, Alexander L., Towson, Md., assignor to Rustless Iron and Steel Corporation. Alloy process. 2,336,237; Dec. 7.

- Fein, Jacob, Bronx, N. Y. Shoe. 2,316,325; Apr. 13.
- Feinberg, Archie S., Dallas, Tex. Air conditioning apparatus. 2,319,119; May 11.
- Feinberg, Elliott M., Woodmere, N. Y., assignor to Precious Metals Research Works, Inc., New York, N. Y. Dispensing box. 2,330,117; Sept. 21.
- Feinberg, Elliott M., Woodmere, N. Y. Apparatus for casting dental restorations. 2,334,078; Nov. 9.
- Feinberg, Emanuel, Detroit, Mich. Temperature control apparatus. 2,330,876; Oct. 5.
- Feinberg, Joseph G., Brooklyn, N. Y., assignor to Parke, Davis & Company, Detroit, Mich. Organic compound of antimony and process for making it. 2,330,962; Oct. 5.
- Feinberg, Joseph G., Brooklyn, N. Y., assignor to Parke, Davis & Company, Detroit, Mich. Organic compound of arsenic and making it. 2,330,963; Oct. 5.
- Feinberg, Sydney S., Fall River, Mass. Combination luggage. 2,334,079; Nov. 9.
- Felbeck, George T., Altadena, Calif., assignor to Carbide and Carbon Chemicals Corporation. Gas separation. 2,321,666; June 15.
- Felber, John. (See Cox, H. F., Jr., and Felber.)
- Felch, Don H. W. (See King, V. L., Foote and Felch.)
- Felch, Don H. W. (See King, V. L., Mensing, and Felch.)
- Feldman, Abraham G., assignor to Storkline Furniture Corporation, Chicago, Ill. Floor construction. 2,310,734; Feb. 9.
- Feldman, Jack, New York, N. Y. Mop construction and the like. 2,312,086; Feb. 23.
- Feldman, Seldon. (See Olsen, F., Feldman, and Sheldon.)
- Feldmann, Artur, Brunn, Czechoslovakia; vested in the Allen Property Custodian. Felt sheet machine. 2,313,292; Mar. 9.
- Feldt, Raymond W. (See Moxey, F. W., and Feldt.)
- Feldtkeller, Carl L., Milwaukee, Wis. Trimming mechanism for grid plates. 2,322,551; June 22.
- Felix, Friedrich, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Dyestuff preparations. 2,312,398; Mar. 2.
- Fell, James R., assignor of fifty percent to H. C. Hayes, Haleyville, Ala. Plant fender. 2,319,047; May 11.
- Fell, James R., assignor of fifty percent to H. C. Hayes, Haleyville, Ala. Adjustable heel sweep or scrape. 2,319,048; May 11.
- Fell, Raymond E. (See Miller, J. W., and Fell.)
- Fell, William E., Rockford, Ill. Machinist's precision level. 2,316,777; Apr. 20.
- Fell, William F., Trenton, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Circuit breaker for storage battery system or the like. 2,309,054; Jan. 19.
- Fellbaum, John B., Dayton, Ohio. Transportation vehicle. 2,333,853; Nov. 9.
- Feller, John E. O., Canton, Ohio. Film reel. 2,335,179; Nov. 23.
- Fellom, Roy, San Francisco, Calif. Wall construction. 2,332,705; Oct. 26.
- Fellom, Roy, San Francisco, Calif. Building construction. 2,332,706; Oct. 26.
- Fellows, Fred H., North Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Tubular latch. 2,314,488; Mar. 23.
- Fellows Gear Shaper Company, The. (See Miller, Edward W., assignor.)
- Fellows Gear Shaper Company, The. (See Ross, Walter F., assignor.)
- Fellows, Harrison E., Wauwatosa, assignor to Milwaukee Foundry Equipment Company, Milwaukee, Wis. Molding machine leveling and clamping mechanism. 2,336,931; Dec. 14.
- Fels, William, Fairhope, assignor to F-S-K Manufacturing Company, Inc., Foley, Ala. Diesel engine. 2,315,114; Mar. 30.
- Felt, Adolph E. (See Vanderzee, H. H., and Felt.)
- Felt & Tarrant Manufacturing Company. (See Turck, J. A. V., assignor.)
- Feltman, Charles A., Brooklyn, N. Y. Pneumatic amusement machine gun. 2,312,244; Feb. 23.
- Felton, George E. (See Schopmeyer, H. H., and Felton.)
- Felton, George E., and H. H. Schopmeyer, Hammond, Ind., assignors to American Maize-Products Company. Thick bodied starch and making. 2,328,537; Sept. 7.
- Felton, Wilbur B., assignor to Nyeckolls Packing Company, Pueblo, Colo. Machine for manufacturing meat balls. 2,324,202; July 13.
- Fénal, Henri. (See Brandenberger, J. E., and Fénal.)
- Fenander, Edmund A., Yonkers, assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,323,212; June 29.
- Fendring, Harry E. (See Kidder, Eugene V., assignor.)
- Fenley, Margaret M., Fulton, Mo. Fishing float. 2,315,322; Mar. 30.
- Fennell, Francis Le R. (See Campbell, D. J., and Fennell.)
- Fennema, Richard, assignor to Crane Co., Chicago, Ill. Gland bolt retainer. 2,314,489; Mar. 23.
- Fenner, Harry E., assignor of one-half to Donald Boyd, Eau Claire, Wis. Heat deflector for circulating heaters. 2,315,154; Mar. 30.
- Fensch, Richard G., and G. White, assignors to The Humphreys Manufacturing Company, Mansfield, Ohio. Wash-basin assembly. 2,317,898; Apr. 27.
- Fenton, John P., Boston, Mass., assignor to American Sandpaper Company. Abrasive article. 2,309,836; Feb. 2.
- Fenton, Randolph, Baltimore, Md. Album for holding disk records. 2,308,871; Jan. 19.
- Fentress, David W., Evanston, assignor to Chicago Metal Hose Corporation, Maywood, Ill. Welding apparatus. 2,322,796; June 29.
- Fentress, David W., Evanston, assignor to Chicago Metal Hose Corporation, Maywood, Ill. Welding method and apparatus. 2,323,903; July 13.
- Fentress, David W., Evanston, assignor to Chicago Metal Hose Corporation, Maywood, Ill. Welding machine. 2,337,037; Dec. 21.
- Fentress, David W., Barrington, assignor to Chicago Metal Hose Corporation, Maywood, Ill. Flexible connector. 2,337,038; Dec. 21.
- Fentress, David W., Evanston, and S. J. Hughes, assignors to Chicago Metal Hose Corporation, Maywood, Ill. Braided securing method and means. 2,319,220; May 18.
- Fenval Incorporated. (See Smith, Norman J., assignor.)
- Fenwick, Ivy D., Brooklyn, N. Y. Colostomy protector. 2,327,514; Aug. 24.
- Fenwick, Ivy D., Brooklyn, N. Y. Tire air pressure gauge. 2,329,039; Sept. 7.
- Feragen, A. E., Inc. (See Bennett, Claude C., assignor.)
- Ferari, Lester, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar bunch cutting mechanism. 2,319,221; May 18.
- Ferenci, Lester, Brooklyn, N. Y., assignor to International Cigar Machinery Co. Rotary crimper for cigar machines. 2,334,147; Nov. 9.
- Ferguson, Rector C. (See Hyman, B. M., and Ferguson.)
- Ferguson, Arthur P., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever. 2,309,636; Feb. 2.
- Ferguson, Arthur P., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield construction. 2,312,536; Mar. 2.
- Ferguson, Arthur P., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield latching mechanism. 2,334,867; Nov. 23.
- Ferguson, Arthur P., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield. 2,336,536; Dec. 14.
- Ferguson, Arthur P., and W. B. Schueren, assignors to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield latch mechanism. 2,312,537; Mar. 2.
- Ferguson, Berlin S., assignor to The Byers Machine Company, Ravenna, Ohio. Line control mechanism. 2,309,759; Feb. 2.
- Ferguson, Berlin S., assignor to Byers Machine Company, Ravenna, Ohio. Crowd and retract mechanism. 2,326,935; Aug. 17.
- Ferguson, Frank. (See Almond, L. L., Ferguson, and Baker.)
- Ferguson, Frank A., Baytown, Tex., assignor to Standard Oil Development Company. Concentration of petroleum sludge acid. 2,308,163; Jan. 12.
- Ferguson, Franklin A., and E. C. Desjardins, assignors to The H. B. Smith Company, Incorporated, Westfield, Mass. Boiler. 2,316,945; Apr. 20.
- Ferguson, James R., Royal Oak, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,310,410; Feb. 9.
- Ferguson, Kenneth C., assignor to Anderson Box Company, Indianapolis, Ind. Complete stickless stapleless chick box. 2,319,824; May 25.
- Ferguson, Kenneth C., assignor to Inland Container Corporation, Indianapolis, Ind. Carton structure. 2,321,473; June 8.
- Ferguson, Lester C., Dallas, Tex. Scraper blade. 2,329,831; Sept. 21.
- Ferguson, Otto C., assignor to General Motors Corporation, Detroit, Mich. Shipping device for light airplane. 2,327,410; Aug. 24.
- Ferguson, Robert P., Cranford, N. J., assignor to Standard Oil Development Company. Refining of oils. 2,314,446; Mar. 23.
- Ferguson, Robert P., Cranford, and I. P. Jones, Basking Ridge, N. J., assignors to Standard Oil Development Company. Preparation of deoiled sludge in combination with acid recovery. 2,312,756; Mar. 2.
- Ferguson, Selma O., Los Angeles, Calif. Waterhead device. 2,325,758; Aug. 3.
- Ferguson, W. Reid, et al. (See Danforth, Louis D., assignor.)
- Ferguson, William, Philadelphia, Pa., assignor to National Airoil Burner Company, Incorporated. Treating imperfectly combustible liquids or semi-liquids. 2,319,591; May 18.
- Ferguson, William, Philadelphia, Pa., assignor to National Airoil Burner Company, Incorporated. Oil burner. 2,325,495; July 27.
- Ferguson, William, Philadelphia, Pa., assignor to National Airoil Burner Company, Incorporated. Furnace. 2,333,531; Nov. 2.
- Ferguson, William C., and P. Sussenbach, assignors to The Pressing Engineering Company, St. Louis, Mo. Heat-conducting luting material. 2,311,526; Feb. 16

- Ferguson, William C., St. Louis, P. Sussenbach, Richmond Heights, and C. H. Smith, Clayton, assignors to Presto Engineering Company, St. Louis, Mo. Heat-conductive luting material. 2,329,113; Sept. 7.
- Ferguson, William H., Flint, Mich. Appliance for working on automobile body panels. 2,311,041; Feb. 16.
- Ferguson, William H., Flint, Mich. Hobbing device for automobile body parts. 2,311,042; Feb. 16.
- Ferguson, William S., Shaker Heights, Ohio. Bracket for highway guards. 2,311,219; Feb. 16.
- Ferguson, William S., Shaker Heights, Ohio. Guard rail and suspension. 2,311,220; Feb. 16.
- Ferguson, William S., Shaker Heights, Ohio. Guard rail construction. 2,311,221; Feb. 16.
- Ferguson, Zimrie K., Hazelhurst, Miss. Saw swage and shaper. 2,336,726; Dec. 14.
- Fergusson, Alan R., Larchmont, N. Y. Nested serving device. 2,315,608; Apr. 6.
- Ferry, Arne, assignor to General Machinery Corporation, Hamilton, Ohio. Mechanism for the interconversion of reciprocation and rotation. 2,335,018; Nov. 23.
- Ferry, Arne, assignor to General Machinery Corporation, Hamilton, Ohio. Piston cooling means for internal combustion engines. 2,337,090; Dec. 21.
- Ferris, Eric W., Clarkburg, W. Va., and R. O. Hall, Lakewood, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Anode. 2,315,607; Apr. 6.
- Ferman, Sidney, Bronx, N. Y. Ash receiver. 2,318,149; May 4.
- Fermazin, Walter, Berlin-Grunau, Germany; vested in the Allen Property Custodian. System of improving photographic layers. 2,317,750; Apr. 27.
- Fernier, George F., assignor to Reed Roller Bit Company, Houston, Tex. Core orienting device. 2,321,474; June 8.
- Fernier, George F., assignor to Reed Roller Bit Company, Houston, Tex. Wear resistant bearing assembly. 2,329,751; Sept. 21.
- Fern, Jules C., et al co-partners. (See Fern, Oscar, assignor.)
- Fern, Oscar, assignor to J. C. Fern, H. Sobel and O. Fern, co-partners, doing business under the firm name and style of Fern Shoe Co., Los Angeles, Calif. Shoe and making same. 2,318,846; May 11.
- Fern Shoe Co. (See Fern, Oscar.)
- Fernandez, Dan T. (See Radtke, A. C., and Fernandez.)
- Fernholz, Erhard, Princeton, and H. E. Shaver, Highland Park, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Sterol derivatives and producing same. 2,319,808; May 25.
- Fernier, Bernard M. H. P., Lyon, France; vested in the Allen Property Custodian. Electric circuit breaker with compressed fluid blowout. 2,330,820; Oct. 5.
- Fernly, Joseph E. (See Woodford, J. C., and Fernly.)
- Fernly, Joseph E., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Registering mechanism. 2,321,739; June 15.
- Fernstrom, Gustav W., Gothenburg, assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Axial ball or roller bearings. 2,327,880; Aug. 24.
- Ferrando, Francesco, and Giuseppe Ferrando, Menlo Park, Calif. Spinning head. 2,315,844; Apr. 6.
- Ferrando, Giuseppe. (See Ferrando, (Francesco, and Giuseppe).)
- Ferranti Electric Incorporated. (See Norris, Eric D. T., assignor.)
- Ferranti Electric Inc. (See Prince, J., and Whitehead, assignors.)
- Ferrari, Charles G., Minneapolis, and W. S. Hutchinson, St. Paul, Minn., assignors to General Mills, Inc. Multiple pour bleaching process. 2,324,203; July 13.
- Ferrari, Demetrio, and M. Torresi, Rome Italy; vested in the Allen Property Custodian. Saccharifying cellulose. 2,323,022; June 29.
- Ferrel, Clyde B., San Francisco, Calif. Projectile. 2,307,369; Jan. 6.
- Ferrel, Clyde B., San Francisco, Calif. Trigger mechanism for firearms. 2,308,598; Jan. 15.
- Ferrer, Richards M. (See del Llano, Jose S., assignor.)
- Ferrex Corporation. (See Frothingham, Donald M., assignor.)
- Ferrex Corporation. (See Gersman, Harvey M., assignor.)
- Ferri, Henry J. (See Ehret, A., and Ferri.)
- Ferri, Henry J., Port Richmond, Staten Island, assignor to The Lionel Corporation, New York, N. Y. Toy crane. 2,316,680; Apr. 13.
- Ferrier, Otis G., Fort Wayne, Ind. Wire drawing die compact and method of making dies. 2,328,794; Sept. 7.
- Ferrier, Peter H., Brookfield, Ill. Collapsible bed. 2,316,681; Apr. 13.
- Ferris, Birdie D., executrix. (See Ferris, William D.)
- Ferris, Birdie D., executrix. (See Ferris, W. D. (deceased) and Wolf.)
- Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,307,833; Jan. 12.
- Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,309,179; Jan. 26.
- Ferris, Donald K., Geneva, N. Y. Apparatus for washing articles. 2,314,332; Mar. 23.
- Ferris, Donald K., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,336,727; Dec. 14.
- Ferris, Ervie A. (See Mead, E. C., and Ferris.)
- Ferris, Howard J., assignor to Starline, Inc., Harvard, Ill. Grapple fork. 2,312,808; Mar. 2.
- Ferris, Lockwood W., Salt Lake City, Utah, assignor to Bonneville Limited, New York, N. Y. Treating potassium chloride concentrates. 2,336,854; Dec. 14.
- Ferris, Seymour W., Mount Holly, N. J., assignor to The Atlantic Refining Company, Philadelphia, Pa. Wear test method and composition. 2,315,845; Apr. 6.
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic press. 2,312,213; Feb. 23.
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hydrodynamic machine. 2,312,891; Mar. 2.
- Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic drive. 2,323,463; July 6.
- Ferris, Walton C., assignor, by mesne assignments, to Carton Coolers, Inc., Lincoln, Neb. Delivery cooler for packaged goods. 2,309,055; Jan. 19.
- Ferris, Warren B., Chicago, Ill. Fluorescent device. 2,319,222; May 18.
- Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Garage door construction. 2,318,981; May 11.
- Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Garage door. 2,328,204; Aug. 31.
- Ferris, William D., and C. R. Wolf, assignors to Frantz Manufacturing Co., Sterling, Ill. Garage door. 2,316,610; Apr. 13.
- Ferris, William D., deceased; B. D. Ferris, executrix, and C. R. Wolf, assignors to Frantz Manufacturing Co., Sterling, Ill. Garage door. 2,323,807; July 6.
- Ferris, William D., Sterling, Ill., deceased; B. D. Ferris, executrix, and C. R. Wolf, assignors to Frantz Manufacturing Co., Sterling, Ill. Garage door. 2,327,778; Aug. 24.
- Ferro Enamel Corporation. (See Bahnsen, M. J., and Bryant, assignors.)
- Ferro Enameling Company. (See Diggs, Maury I., assignor.)
- Ferro Enamel Corporation. (See McIntyre, G. H., and Bahnsen, assignors.)
- Ferro Enamel Corporation. (See McIntyre, G. H., and Bryant, assignors.)
- Ferro Enamel Corporation. (See Robson, J. T., Watkins, and Zimmerman, assignors.)
- Ferro Engineering Company, The. (See Urmetz, Walter W., assignor.)
- Ferro Stamping & Manufacturing Company. (See Joachim, Joseph G., assignor.)
- Ferron, Margaret J., Boston, and C. W. Burdge, Hackettstown, N. J. Machine for arming bomb fuses. 2,327,515; Aug. 24.
- Fersch, Leopold. (See Kaufmann, W., Flügel, Thewalt, and Fersch.)
- Fessa, Emil, Dessau, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Apparatus for developing photographic films. 2,318,605; May 11.
- Fessler, Albra H. (See Schwartzwalder, K., and Fessler.)
- Fessler, Albra H., and A. P. Watts, Flint, assignors to General Motors Corporation, Detroit, Mich. Firing ceramic ware. 2,310,578; Feb. 9.
- Fessler Machine Company, The. (See Tyrrell, Emmet R., assignor.)
- Festervan, Benjamin J., and N. F. Henderson, Monroe City, Tex. Paraffin scraper. 2,326,528; Aug. 10.
- Fether, Donald W., Downey, Calif. Making heat insulating material. 2,334,399; Nov. 16.
- Fether, Donald W., Downey, Calif. Heat insulating material. 2,334,400; Nov. 16.
- Fette, Frank J., Tampa, Fla. Ice making apparatus. 2,308,164; Jan. 12.
- Fetterman, Oscar B., Washington, D. C. Push rake. 2,329,708; Sept. 21.
- Fettig, Arthur J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Adjustable bill stop. 2,307,122; Jan. 5.
- Fettig, Arthur J., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,337,091; Dec. 21.
- Feucht, Albert, Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Rock drill. 2,321,475; June 8.
- Fey, Harry J., assignor to James R. Kearney Corporation, St. Louis, Mo. Insert for publications. 2,309,244; Jan. 26.
- Feykert, Peter J. (See De Michelis, P., and Feykert.)
- Fibreboard Products Inc. (See Goodyear, C. H., and Altick, assignors.)
- Fibreboard Products Inc. (See Sterling, Allen, assignor.)
- Fibre Can and Machinery Company, The. (See Bronson, Frederick L., assignor.)
- Fibre Can Machinery Corporation. (See Condon, Robert S., assignor.)
- Fibre Cord Company. (See Bayer, Richard H., assignor.)

- Fibre Cord Company. (See Rossi, Harry J., assignor.)
 Fibre-Metal Products Company, The. (See Maillart, Edmond B., assignor.)
 Fibro Products Company. (See Lynam, Thornton L., assignor.)
 Fibus, Murray M., Youngstown, Ohio. Cooler cabinet. 2,327,630; Aug. 24.
 Fibus, Murray M., Youngstown, Ohio. Cooling and display stand. 2,327,631; Aug. 24.
 Fichter, George W. (See Thurnauer, H., and Fichter.)
 Fichter, Ludwig. (See Schwarz, B. A., and Fichter.)
 Fick, Raymond J., North Tonawanda, N. Y. Stairway. 2,336,169; Dec. 7.
 Fickett, Ernest L., and W. O. Forman, assignors to Fitchburg Engineering Corporation, Fitchburg, Mass. Climb milling machine. 2,309,637; Feb. 2.
 Fidelman, Paul, assignor of one-half to N. P. Zablou, New York, N. Y. Device for indicating improper trigger pulling. 2,325,599; Aug. 3.
 Fiechter, John J., Willow Grove, Pa. Metallic packing and making the same. 2,316,778; Apr. 20.
 Fiedler, George W., Jr., Chicago, assignor to National Greenhouse Mfg. Co., Pana, Ill. Glazing device. 2,329,438; Sept. 14.
 Fiedler, Herbert, K. Heimig, and H. Liesegang, Leipzig, Germany, vendors in the Alien Property Custodian. Producing cholesterol conversion products containing sulphur. 2,326,936; Aug. 17.
 Fiedler, Hermann. (See Schonfeld, R., and Fiedler.)
 Fiedler, Max G., Media, assignor to Fiedler-Sellers Corporation, Philadelphia, Pa. Fueling solid fuel injection engines. 2,324,071; July 13.
 Fiedler, William, Mitchell, S. Dak., assignor to Wind Governor Corporation. Windmill. 2,319,592; May 18.
 Fiedler, Sebastian O. A., and G. V. Austerweil, Paris, France; vested in the Alien Property Custodian. Removal of silica from water. 2,313,194; Mar. 9.
 Fiedler-Sellers Corporation. (See Fiedler, Max G., assignor.)
 Fiege, William J., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Machine for sizing bearings. 2,327,598; Aug. 24.
 Fiegler, Wilford B., Hammond, and H. Langbehn, Crown Point, Ind. Railroad car link-and-pin type coupler. 2,325,118; July 27.
 Field, Crosby, assignor to Flakie Corporation, Brooklyn, N. Y. Extruder. 2,332,211; Oct. 10.
 Field, Crosby, Brooklyn, N. Y., assignor to Brillo Manufacturing Company, Inc. Apparatus for making metal wool products. 2,320,855; June 1.
 Field, Crosby, Brooklyn, and G. C. Toole, St. Albans, N. Y., assignors to Brillo Manufacturing Company, Inc. Apparatus for forming and impregnating fibrous pads. 2,325,600; Aug. 3.
 Field, Donald C. (See Sparks, W. J., and Field, assignors.)
 Field, Howard, Jr., Los Angeles, assignors to North American Aviation Inc., Inglewood, Calif. Hydraulic press. 2,314,082; Mar. 16.
 Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Railway signaling system. 2,313,468; Mar. 9.
 Field, Wilfred J. C. (See Tallis, E. E., and Field.)
 Fiedler, Frederick D., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ground fault neutralizer. 2,315,609; Apr. 6.
 Fiedler, Harold S., La Grange, Ill., and Latour O. Ott, Los Angeles, Calif., assignors to Cherry-Burrell Corporation, Wilmington, Del. Apparatus for production of artificially cultured butterfly. 2,317,045; Apr. 20.
 Fielding, Edward A. (See Turner, H. C., and Fielding.)
 Fields, George C., South Bend, Ind., assignor to The Dole Valve Company, Chicago, Ill. Mixing valve. 2,308,165; Jan. 12.
 Fields, George C., South Bend, Ind., assignor to The Dole Valve Company, Chicago, Ill. Mixing valve. 2,308,235; Jan. 12.
 Fields, William E., and W. E. Berry, assignors to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,336,350; Dec. 7.
 Fiene, Henry D., Aurora, Ill. Acoustic device. 2,312,534; Mar. 2.
 Fierce, Charles H. (See Bell, J. W., and Larsen, assignors.)
 Fierke, Scheuring S. (See Bennett, D. E., and Fierke.)
 Fierke, Scheuring S. (See Leermakers, J. A., and Fierke.)
 Fierke, Scheuring S., P. W. Vittum and Lot S. Wilder, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic bleach-out layer. 2,322,005; June 15.
 Fierke, Scheuring S., P. W. Vittum, and Lot S. Wilder, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic filter and antihalation layer. 2,322,006; June 15.
 Fleeser, Louis F., Belmont, Mass., assignor to Research Corporation, New York, N. Y. Naphthoquinone oxides and preparing the same. 2,312,535; Mar. 2.
 Fife, George, assignor to Associated Attleboro Manufacturing, Inc., Attleboro, Mass. Drawing tool. 2,329,173; Sept. 14.
 Fifer, Bertha M., Bloomington, Ind. Burial vault mold. 2,336,003; Dec. 7.
 Fifth Third Union Trust Company, The. (See Black, James J., assignor.)
 Figg, Louis J., Jr., and E. E. Shaulis, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Minimizing sludge formation in oils used for scrubbing gases. 2,313,531; Mar. 9.
 Figg, Donald P., San Bernardino, Calif. Portable back for benches. 2,324,570; July 20.
 Fihe, Albert J. (See Ehrlich, William, assignor.)
 Fikentscher, Hans. (See Schuster, C., Sauerbier, and Fikentscher.)
 Filachione, Edward M., Akron, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Halo acetal. 2,324,570; Sept. 28.
 Flander, Arthur H. (See Woodward, W. E., and Flander.)
 Filatex Corporation. (See Leach, John M., assignor.)
 Filatex Corporation. (See Ribavaro, Charles, assignor.)
 Filia, George J. (See Wardwell, G. W., Jr., and Filia.)
 Filer & Stowell Co. (See Kahr, Martin, assignor.)
 Filer, Charles W., Elmwood Park, assignor to General Electric X-Ray Corporation, Chicago, Ill. Identifying X-ray film. 2,332,375; Oct. 19.
 Filippone, Paolo, assignor of one-half to S. Gagliardo, Brooklyn, N. Y. Spring wheel. 2,336,607; Dec. 14.
 Filkins, Arthur J., assignor to Paul Dickinson, Inc., Chicago, Ill. Roof drain. 2,311,654; Feb. 23.
 Filking, Arthur J., assignor to Paul Dickinson, Inc., Chicago, Ill. Damper. 2,328,332; Aug. 31.
 Fillinger, Charles, assignor to Herr Manufacturing Company, Inc., Buffalo, N. Y. Self-lubricating spinning ring. 2,333,069; Oct. 26.
 Fillo, Francis B., Webster, Groves, Mo. Thermally responsive device. 2,331,464; Oct. 12.
 Fillo, Francis B., St. Louis, Mo., assignor to Penn Electric Switch Co., Goshen, Ind. Thermostat. 2,332,212; Oct. 19.
 Filonowicz, Victor, Detroit, Mich. Folding table leg construction. 2,309,180; Jan. 26.
 Filstrup, Eddie C. (See Platt, C. I., and Filstrup.)
 Filter Tips Limited. (See Edwards, William F. M., assignor.)
 Filtered Rosin Products, Inc. (See Gillican, Charles C., assignor.)
 Filtril Company of California. (See Kelley, William, assignor.)
 Filzer, Christian G., Erie, Pa. Apparatus for violet ray treatment. 2,323,529; July 6.
 Finaldi, James V. (See Gamache, Homer, assignor.)
 Finaldi, James V., and E. B. St. Louis, Mo. Light fixture. 2,330,484; Sept. 28.
 Finch, Donald I., assignor to Leeds & Northrup Company, Philadelphia, Pa. Ferrous alloy thermocouple element. 2,325,759; Aug. 3.
 Finch, Floyd S. (See Buck, A. W., and Finch.)
 Finch, James L. (See Lindenblad, N. E., and Finch.)
 Finch, James L., East Rockaway, N. Y., assignor to Radio Corporation of America. Filter for suppression of harmonics. 2,321,376; June 8.
 Finch, James L., East Rockaway, N. Y., assignor to Radio Corporation of America. Electric relay of the sequence type. 2,331,114; Oct. 5.
 Finch, James L., Patchogue, N. Y., assignor to Radio Corporation of America. Signal generator. 2,312,810; Mar. 2.
 Finch, James L., Patchogue, N. Y., assignor to Radio Corporation of America. Parasitic oscillation suppression with compressed air condensers in thermionic circuits. 2,313,330; Mar. 9.
 Finch, James L., Patchogue, N. Y., assignor to Radio Corporation of America. Low capacity filament transformer system. 2,314,083; Mar. 16.
 Finch Telecommunications, Inc. (See Marriott, Robert H., assignor.)
 Finch, William G. H., Newton, Conn. Facsimile recording paper. 2,310,946; Feb. 16.
 Finch, William G. H., Newtown, Conn. Duplex system. 2,312,328; Mar. 2.
 Finch, William G. H., Newtown, Conn. Electro-optical facsimile synchronizing system. 2,317,850; Apr. 27.
 Finck, Joseph L., Brooklyn, N. Y. Insulating material. 2,309,056; Jan. 19.
 Fincke, Donald M., Great Neck, and L. Ferend, Brooklyn, N. Y., assignors to American Machine & Foundry Company. Duplex wrapping machine. 2,335,750; Nov. 30.
 Findlater, Stevenson, Pittsburgh, Pa., assignor to National Tube Company. Producing shell forgings and the like. 2,318,069; May 4.
 Findley, Howard J., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Ventilating apparatus. 2,325,842; Aug. 3.
 Findley, Howard J., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Automobile air conditioning device. 2,332,707; Oct. 26.
 Findley, Howard J., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Automobile heater. 2,334,915; Nov. 23.
 Fine, Charles A., assignor to Stewart-Warner Corporation, Chicago, Ill. Braking mechanism for mobile containers. 2,335,401; Nov. 30.
 Fine, Joseph, Bethlehem, and H. B. Kelchner, Lower Saucon Township, Northampton County, Pa., assignors to Bethlehem Steel Company. Apparatus for use in fabricating tunnel lining segments. 2,324,919; July 20.
 Fingold, Reuben, Pittsburgh, Pa. Threaded container closure. 2,313,816; Mar. 16.

- Finley, Karl L., and D. D. Smith, assignors to The F. E. Myers & Bro. Co., Ashland, Ohio. Crankshaft construction. 2,337,157; Dec. 21.
- Finley, Robert W. (See Bates, C. J., and Finley.)
- Finley, Willard L., Edgewood Arsenal, Md. M. F. Kleinholtz, East Chicago, Ind., and F. M. Watkins, Chicago, Ill., assignors to Sinclair Refining Company, New York, N. Y. Lubricating oil composition. 2,337,380; Dec. 21.
- Finn, Robert R., assignor to Jones & Lamson Machine Company, Springfield, Vt. Automatic die. 2,333,163; Nov. 2.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Attaching soles to shoes. 2,337,092; Dec. 21.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for applying pressure to shoe bottoms. 2,337,093; Dec. 21.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Apparatus for use in making shoes. 2,337,094; Dec. 21.
- Finkle, Alexander, Youngstown, Ohio. Shafting die. 2,332,238; Nov. 2.
- Fink, Abraham J., et al. (See Everts, Walter W., assignor.)
- Fink, Charles E., assignor to Trimble & Fink Mfg. Co., Inc., Baltimore, Md. Coreless induction heater. 2,332,495; Nov. 30.
- Fink, Colin G., New York, and M. Kolodney, Brooklyn, N. Y., assignors to Electro Manganese Corporation, Minneapolis, Minn. Electrodeposition of manganese. 2,320,773; June 1.
- Fink, Heinrich, Rottweil-on-the-Neckar, and G. Piepp, Wolfen, Kreis Bitterfeld, Germany; vested in the Allen Property Custodian. Manufacture of artificial filaments and fibers from viscose. 2,327,516; Aug. 24.
- Fink, Heinrich, G. Rath, and R. Hofstadt, Wolfen, Kreis Bitterfeld, Germany; vested in the Allen Property Custodian. Continuous spinning of cellulose solutions in strong mineral acids. 2,324,615; Nov. 16.
- Fink, Henry A., Pelham Manor, assignor to Continental Can Company, Inc., New York, N. Y. Container. 2,327,411; Aug. 24.
- Fink, Henry A., Pelham Manor, assignor to Continental Can Company, Inc., New York, N. Y. Container with heating means. 2,327,412; Aug. 24.
- Fink, Lucynda I., Lisle, Iowa. Hair waving apparatus. 2,309,638; Feb. 2.
- Finkel, Harry, New York, N. Y. Lamp shade. 2,321,288; June 8.
- Finkelstein, Jacob, New York, N. Y., assignor to Merck & Co., Inc., Rahway, N. J. Racemic- α -hydroxy- β , β -dimethyl-gamma-butyro lactone, esters and salts thereof. 2,328,000; Aug. 31.
- Finkelstein, Leonard, et al. (See Greenbaum, Everett R., assignor.)
- Finkelstein, Louis, Brooklyn, N. Y. Dispensing device for paste, cream, etc. 2,335,049; Nov. 23.
- Finkelstein, William. (See Freeman, Samuel, assignor.)
- Finkl, A., & Sons, Company. (See Finkl, William F., assignor.)
- Finkl, William F., assignor to A. Finkl & Sons Company, Chicago, Ill. Piercing die and alloy. 2,331,899; Oct. 19.
- Finkl, William F., assignor to A. Finkl & Sons Company, Chicago, Ill. Steel alloy and die block. 2,331,900; Oct. 19.
- Finkle, Donald H., Los Angeles, Calif. Fastener. 2,324,687; July 20.
- Finks, Frances W., Arlington, Va. Catamenial device. 2,328,795; Sept. 7.
- Finlay, Alexander. (See Kane, J. H., Finlay, and Amann.)
- Finlayson, Alexander S., Hopewell, Va., assignor to Hercules Powder Company, Wilmington, Del. Manufacture of cellulose ethers. 2,313,866; Mar. 16.
- Finlayson, Donald, E. L. Greenwood, and L. Latham, Spondon, near Derby, England, assignors to Celanese Corporation of America. Cord assembly, particularly for parachutes. 2,310,359; Feb. 9.
- Finlayson, Donald, Spondon, near Derby, England, assignor to Celanese Corporation of America. Textile and like product. 2,319,312; May 18.
- Finlayson, Frank E. (See Reddington, F. W., and Finlayson.)
- Finlayson, Frank E., Ontario, and E. C. Chapman, Upland, Calif., assignors to General Electric Company. Apparatus for loading sheathed wire heating units. 2,316,683; Apr. 13.
- Finlayson, William G., Detroit, L. R. Twyman, Bloomfield Township, Oakland County, and R. L. Tweedale, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,324,685; July 20.
- Finley, Thomas J., and E. J. Burke, East Chicago, Ind. Signal device. 2,317,525; Apr. 27.
- Finley, Tilbert L., Bonham, Tex. Shoeshining apparatus. 2,325,843; Aug. 3.
- Finleyson, Charles A., Rochelle, Ga. Peanut harvester plow. 2,324,376; July 13.
- Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Manufacture of sandals. 2,330,273; Sept. 28.
- Finnegan, George B., Jr. (See Durham, H. N., and Finnegan.)
- Finnegan, George B., Jr., Mountain Lakes, N. J., and H. N. Durham, Munsey Park, N. Y. Recording camera. 2,336,081; Dec. 7.
- Finnegan, Martin J., Glen Rock, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Aircraft altitude spacing system. 2,316,411; Apr. 13.
- Finnegan, Martin J., Glen Rock, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Landing gear control system. 2,316,682; Apr. 13.
- Finnegan, Martin J., Glen Rock, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Electromagnetic apparatus. 2,332,139; Oct. 19.
- Finnegan, Martin J., Glen Rock, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Electromagnetic apparatus. 2,332,140; Oct. 19.
- Finnell, Charles S., Oklahoma City, Okla. Magnetic guide for tools. 2,323,319; July 6.
- Finnell System, Inc. (See Finnell, Walter S., assignor.)
- Finnell System, Inc. (See Lewis, Russell K., assignor.)
- Finnell, Walter S., Elkhart, Ind., assignor to Finnell System Inc. Pad. 2,319,923; May 25.
- Finzel, Theron G., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic structure and producing same. 2,327,113; Aug. 24.
- Finzi, Umberto, Toulouse, France; vested in the Allen Property Custodian. Gradual speed changing device. 2,330,821; Oct. 5.
- Fiore, Otto, Grantwood, N. J. Bottle carton. 2,324,771; July 20.
- Fishehl, Ernest R., Waltham, Mass. Power feed compound slide rest for lathes. 2,334,616; Nov. 16.
- Firestone Tire & Rubber Company, The. (See Alderfer, Sterling W., assignor.)
- Firestone Tire & Rubber Company, The. (See Alderfer, S. W., and Greenup, assignors.)
- Firestone Tire & Rubber Company, The. (See Allen, Raymond W., assignor.)
- Firestone Tire & Rubber Company, The. (See Allen, R. W., and Gristen, assignors.)
- Firestone Tire & Rubber Company, The. (See Allen, R. W., and Runals, assignors.)
- Firestone Tire & Rubber Company, The. (See Bosomworth, George, assignor.)
- Firestone Tire & Rubber Company, The. (See Brink, Winfield S., assignor.)
- Firestone Tire & Rubber Company, The. (See Brown, Archibald M., assignor.)
- Firestone Tire & Rubber Company, The. (See Brown, Roy W., assignor.)
- Firestone Tire & Rubber Company, The. (See Carter, Mitchell, assignor.)
- Firestone Tire & Rubber Company, The. (See Cohen, William S., assignor.)
- Firestone Tire & Rubber Company, The. (See Dague, Max R., assignor.)
- Firestone Tire & Rubber Company, The. (See Davis, R. C., and Graham, assignors.)
- Firestone Tire & Rubber Company, The. (See Gollings, Archie H., assignor.)
- Firestone Tire & Rubber Company, The. (See Greenup, Harold W., assignor.)
- Firestone Tire & Rubber Company, The. (See Greenup, H. W., and Johnston, assignors.)
- Firestone Tire & Rubber Company, The. (See Gregory, Douglas W., assignor.)
- Firestone Tire & Rubber Company, The. (See Groncy, C. W., and Heck, assignors.)
- Firestone Tire & Rubber Company, The. (See Hale, James E., assignor.)
- Firestone Tire & Rubber Company, The. (See Hasson, Ceell J., assignor.)
- Firestone Tire & Rubber Company, The. (See Hatch, James W., assignor.)
- Firestone Tire & Rubber Company, The. (See Hulslander, Ray D., assignor.)
- Firestone Tire & Rubber Company, The. (See Ickes, Howard C., assignor.)
- Firestone Tire & Rubber Company, The. (See Kilbourne, Frederick L., Jr., assignor.)
- Firestone Tire & Rubber Company, The. (See Kubaugh, Le Roy M., assignor.)
- Firestone Tire & Rubber Company, The. (See Kuhn, Max O., assignor.)
- Firestone Tire & Rubber Company, The. (See Kuss, Ralph L., assignor.)
- Firestone Tire & Rubber Company, The. (See Lohrand, W. Q., and Whitlock, assignors.)
- Firestone Tire & Rubber Company, The. (See McLaughlin, Francis M., assignor.)
- Firestone Tire & Rubber Company, The. (See Novotny, C. K., and Bosomworth, assignors.)
- Firestone Tire & Rubber Company, The. (See Riesing, Ellwood F., assignor.)
- Firestone Tire & Rubber Company, The. (See Saurer, Curt, assignor.)
- Firestone Tire & Rubber Company, The. (See Secrest, William J., assignor.)
- Firestone Tire & Rubber Company, The. (See Shinn, Byron H., assignor.)
- Firestone Tire & Rubber Company, The. (See Soper, Gilbert V., assignor.)

- Firestone Tire & Rubber Company, The. (See Stevens, Horace D., assignor.)
- Firestone Tire & Rubber Company, The. (See Tatter, John W., assignor.)
- Firestone Tire & Rubber Company, The. (See Williams, Harry L., assignor.)
- Firestone Tire & Rubber Company, The. (See Wilson, R. F., and Liska, assignors.)
- Ferguson Door Co. (See Jackson, L. E., and Dickson, assignors.)
- Firing, Fritz E., assignor to Munitions, Incorporated, Chicago, Ill. Bomb. 2,327,414; Aug. 24.
- First Bank and Trust Company, et al. (See Graham, Warren C., assignor.)
- First, George B., assignor to Stokes and Smith Company, Summerville, Philadelphia, Pa. Method of and apparatus for closing bags. 2,309,760; Feb. 2.
- First, George B., and H. Grotewold, Philadelphia, assignors to Stokes and Smith Company, Summerville, Pa. Carton feeding and filling system. 2,318,208; May 4.
- First, George B., and H. Grotewold, assignors to Stokes and Smith Company, Summerville, Philadelphia, Pa. Apparatus for conveying and filling cartons. 2,320,581; June 1.
- First National Bank of Tampa, Fla., executor. (See Pierce, James B., Jr.)
- Firth Carlisle & Co., Ltd. (See Wadely, H. E., Matthews, and Rice, assignors.)
- Firth, David, South Bend, assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Shaft bearing. 2,318,477; May 4.
- Firth, Stephen W., Webb City, Mo. Aerial bomb. 2,335,927; Dec. 7.
- Fischoe Ltd. (See Haslam, William H., assignor.)
- Fisch, Arthur, Guelph, Ontario, Canada. Orthopedic footwear. 2,307,032; Jan. 5.
- Fisch, Willi. (See Widmer, G., and Fisch.)
- Fisch, Willi, Binningen, near Basel, Switzerland, assignor, by mesne assignments, to Ciba Products Corporation, Dover, Del. Resinous melamine-aldehyde condensation product. 2,308,069; Jan. 12.
- Fischer, Abraham, Brooklyn, N. Y. Registering bite rims or blocks. 2,310,360; Feb. 9.
- Fischer, Albert C., Chicago, Ill. Apparatus for the production of accessories to construction materials. 2,309,306; Jan. 26.
- Fischer, Albert C., Chicago, Ill. Seed planting, seed inoculation, and fertilizer. 2,313,057; Mar. 9.
- Fischer, Albert C., Chicago, Ill. Promoting restoration of transplanted plants. 2,314,928; Mar. 30.
- Fischer, Albert C., Chicago, Ill. Fertilizing by cartridges. 2,315,949; Apr. 6.
- Fischer, Albert C., Chicago, Ill. Flooring material and floor construction. 2,316,232; Apr. 13.
- Fischer, Albert C., Chicago, Ill. Expansion joint. 2,316,233; Apr. 13.
- Fischer, Albert C., Chicago, Ill. Load transfer joint apparatus. 2,319,049; May 11.
- Fischer, Albert C., Chicago, Ill. Expansion joint. 2,334,183; Nov. 16.
- Fischer, Albert C., Chicago, Ill. Laminated expansion joint. 2,334,184; Nov. 16.
- Fischer, Albert C., Chicago, Ill. Structural unit. 2,336,235; Dec. 7.
- Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Making roofing. 2,317,596; Apr. 27.
- Fischer, Albert C., Chicago, and H. A. Cumfer, Villa Park, Ill. Load transfer joint apparatus for paving and the like. 2,319,050; May 11.
- Fischer, Alois, assignor to United States Radium Corporation, New York, N. Y. Radioactive unit and producing the same. 2,326,631; Aug. 10.
- Fischer, Carl K., Long Island City, assignor to Interchemical Corporation, New York, N. Y. Latex impregnation. 2,325,385; July 27.
- Fischer, Edwin L., Endwell, assignor to General Aniline & Film Corporation, New York, N. Y. Shutter release for folding cameras. 2,336,396; Dec. 7.
- Fischer, Ernest A., Bloomfield, and E. C. Moss, Westfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Safety device. 2,322,511; June 22.
- Fischer, Eugene H., Derry, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Coating ceramic articles. 2,329,114; Sept. 7.
- Fischer, Eugene H., Derry, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Coating of insulators. 2,333,557; Nov. 2.
- Fischer, Friedrich E., Erlenbach, Switzerland. Apparatus for ascertaining sighting and firing errors in gunnery practice. 2,313,136; Mar. 9.
- Fischer, Friedrich E., Zurich-Erlenbach, Switzerland. Magnetic recording and reproducing apparatus for use with steel bands, wires, or the like. 2,325,844; Aug. 3.
- Fischer, Friedrich E., Zurich-Erlenbach, Switzerland. Capacitive follow-up control elements. 2,330,822; Oct. 5.
- Fischer, Georg. (See Biederbeck, H., and Fischer.)
- Fischer, George L., Savannah, Ga. Drafting apparatus. 2,312,154; Feb. 23.
- Fischer, Herbert G. M. (See Tyson, C. W., Murphree, and Fischer.)
- Fischer, Herbert G. M., Westfield, N. J., assignor to Standard Oil Development Company. Motor fuel. 2,322,007; June 15.
- Fischer, Herbert G. M., Westfield, and H. P. Russell, Millburn, N. J., assignors, by mesne assignments, to Standard Catalytic Company. Treatment of motor fuels. 2,322,622; June 22.
- Fischer, Herbert C., Wellesley Hills, and A. H. W. Higgins, Boston, Mass. Structural member. 2,328,441; Aug. 31.
- Fischer, Herbert C., Wellesley Hills, and A. H. W. Higgins, Boston, Mass. Load-bearing member. 2,328,442; Aug. 31.
- Fischer, Howard L. (See Ulvick, George, assignor.)
- Fischer, Howard R., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Compression riveter. 2,310,625; Feb. 9.
- Fischer, Howard R., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Riving yoke. 2,316,946; Apr. 20.
- Fischer, Howard R., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Hydraulic riveter. 2,329,709; Sept. 21.
- Fischer, Howard R., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Dimpling apparatus. 2,335,418; Nov. 2.
- Fischer, John F., Drexel Hill, assignor to Abrasive Company, Philadelphia, Pa. Porcelain bush grinding wheel. 2,324,377; July 13.
- Fischer, Joseph, Grand Rapids, Mich. Motorcycle pad holder. 2,321,192; June 8.
- Fischer, Joseph, New York, N. Y. Automobile accessory. 2,322,431; June 22.
- Fischer, Joseph, New York, N. Y. Automobile accessory. 2,322,798; June 29.
- Fischer, Kermit K., Philadelphia, Pa. Rotameter. 2,323,320; July 6.
- Fischer, Norman C., Springfield, Mo., assignor to Armour and Company, Chicago, Ill. Spraying device. 2,307,206; Jan. 5.
- Fischer, Paul E. (See Broeren, F. L., and Fischer.)
- Fischer & Porter Company, The. (See Porter, George K., assignor.)
- Fischer, Raymond L., Chicago, Ill. Dial mounting. 2,337,381; Dec. 21.
- Fischer, Sidney, assignor of one-half to E. M. Fischer, New York, N. Y. Adjustable bridge for goggles. 2,315,115; Mar. 30.
- Fischer, William L., Philadelphia, Pa. Torsional vibration dampener. 2,317,983; May 4.
- Fischer, William L., Philadelphia, Pa. Optical amplifier. 2,322,231; June 22.
- Fischer, William R., Dayton, Ohio. Automatic take-up device. 2,310,947; Feb. 16.
- Fischlmayr, Hans, Grafelfing near Munich, Germany; vested in the Alton Property Custodian. Fuel injection nozzle. 2,317,749; Apr. 27.
- Fishbein, Frank, Brooklyn, N. Y. Bathing trunks. 2,335,658; Nov. 30.
- Fishburn, Otto E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Transmission shift mechanism. 2,309,837; Feb. 2.
- Fishburn, Otto E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Synchronizer. 2,319,496; May 18.
- Fishburn, Otto E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Clutching mechanism. 2,322,840; June 29.
- Fishburn, Otto E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Transmission synchronizing mechanism. 2,333,165; Nov. 2.
- Fishel, William J., Winston-Salem, N. C. Storage rack. 2,322,797; June 29.
- Fisher, Alec, Lynn, Mass., assignor to General Electric Company. Dynamoelectric machine. 2,307,774; Jan. 12.
- Fisher, Alec, Lynn, Mass., assignor to General Electric Company. Dynamoelectric machine. 2,316,779; Apr. 20.
- Fisher, Arthur W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Control apparatus. 2,332,213; Oct. 19.
- Fisher, Berne, Brooklyn, N. Y., assignor, by mesne assignments, to Condenser Development Corporation, Newark, N. J. Combined radio condenser and station selector. 2,307,673; Jan. 5.
- Fisher, Carl D., Bentonville, Ark. Two-way safety razor. 2,327,022; Aug. 17.
- Fisher, Charles E., assignor to Struthers Wells-Titusville Corporation, Titusville, Pa. Oil burner extension for furnaces. 2,334,617; Nov. 16.
- Fisher, Charles T., near Girard, Ohio. Banding tool. 2,336,080; Dec. 7.
- Fisher, Edward D. (See Jones, G. D., and Fisher.)
- Fisher, Ernest F., Passaic, N. J. Air and gas washer. 2,310,411; Feb. 9.
- Fisher, Ernest F., Passaic, N. J. Preparing filling material for incendiary bombs and flares. 2,314,614; Mar. 23.
- Fisher, Ernest F., Passaic, N. J. Spray booth. 2,337,983; Dec. 28.

- Fisher, Francis M., Kansas City, Mo. Keeper for locks and latches. 2,312,892; Mar. 2.
- Fisher, Frederick F., Providence, and C. T. Heilborn, Bristol, R. I. Flame indicator. 2,327,254; Aug. 17.
- Fisher, George A., Indianapolis, Ind., assignor to William S. Scull Company, Camden, N. J. Peanut butter process. 2,307,398; Jan. 5.
- Fisher, Gordon H., Dewey, Okla., assignor to Phillips Petroleum Company. Fluid flow meter mechanism. 2,333,164; Nov. 2.
- Fisher Governor Company. (See Brackett, Glenn F., assignor.)
- Fisher Governor Company. (See Wolfe, Kenneth R. D., assignor.)
- Fisher Governor Company. (See Wright, Harold B., assignor.)
- Fisher, Guy N., Wilmette, assignor to Kraft Cheese Company, Chicago, Ill. Packaging. 2,331,901; Oct. 19.
- Fisher, Harold W., Cranford, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Plastic composition. 2,330,698; Sept. 28.
- Fisher, Harry L., Stamford, Conn., assignor to U. S. Industrial Alcohol Co., New York, N. Y. Production of aromatic amines. 2,322,572; June 22.
- Fisher, Harry L., Stamford, Conn., assignor to U. S. Industrial Alcohol Co., New York, N. Y. 4,4,6-trimethyl-2-thio-tetrahydro-1,3,2-oxazine. 2,326,732; Aug. 10.
- Fisher, Harry L., Stamford, Conn., assignor to U. S. Industrial Alcohol Co., New York, N. Y. Accelerator of vulcanization. 2,326,733; Aug. 10.
- Fisher, Henry A., Parkersburg, W. Va. Antirefrill device. 2,337,519; Dec. 28.
- Fisher, Howard L., St. Paul, Minn. Tape dispenser. 2,324,204; July 13.
- Fisher, Lawrence E. (See Frank, W. H., and Fisher.)
- Fisher, Laurence, assignor to Building Electric Products Company, Detroit, Mich. Switch. 2,319,593; May 18.
- Fisher, Leslie. (See Eppenbach, E. G., and Fisher.)
- Fisher & Ludlow Limited. (See Campbell, Frederick A., assignor.)
- Fisher, Lyman C., Detroit, and H. L. Keeler, Highland Park, assignors to The Murray Corporation of America, Detroit, Mich. Soft edge seat construction. 2,334,888; Nov. 23.
- Fisher, Margaret M. (See Clements, Lee L., assignor.)
- Fisher & Porter Company. (See Porter, George K., assignor.)
- Fisher, Raymond C., Tacoma, Wash. Electrical musical instrument. Re. 2,232,1; May 25.
- Fisher, Raymond C., Tacoma, Wash. Electrostatic alternator. 2,318,935; May 11.
- Fisher, Raymond C., Tacoma, Wash. Multifrequency oscillator. 2,318,936; May 11.
- Fisher, Reginald J., assignor to Avery Equipment Limited, London, England. Coupling device for pipes. 2,300,890; Feb. 2.
- Fisher Scientific Company. (See Kruper, Andrew P., assignor.)
- Fisher, Webster E., Rochester, N. Y., and W. H. Shearson, Jr., Nashville, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Separation of mixtures containing solvents. 2,327,779; Aug. 24.
- Fisher, William R., Arlington, N. J., assignor to Reynolds Metals Co., Richmond, Va. Machine for cutting rhombic sections from sheet piles. 2,329,890; Sept. 21.
- Fisher, Jacob F., Los Angeles, Calif., assignor to American Bolex Company, New York, N. Y. Supporting device for instruments. 2,333,306; Nov. 2.
- Fisk, Edwin M., Mission San Jose, Calif. Internal combustion engine. 2,334,185; Nov. 16.
- Fisk, Gustaf L., New Fairfield, Conn., assignor to Mesta Machine Company, West Homestead, Pa. Cooling bed. 2,328,634; Sept. 7.
- Fisk, Gustaf L., New Fairfield, Conn., assignor to Mesta Machine Company, West Homestead, Pa. Cooling bed. 2,328,635; Sept. 7.
- Fisk, Gustaf L., New Fairfield, Conn., and E. T. Peterson, Reading, Pa., said Fisk assignor to Mesta Machine Company, West Homestead, Pa.; said Peterson assignor to Birdsboro Steel Foundry & Machine Company, Birdsboro, Pa. Cooling bed. 2,332,905; Oct. 26.
- Fisk, James C., Flint, Mich. Comparator gauge. 2,309,591; Feb. 2.
- Fiske, Augustus H., Jr., Cataumet, Mass., assignor to American Smelting and Refining Company, New York, N. Y. Machine and method for marking cast or molded articles. 2,330,274; Sept. 28.
- Fiske, Jonathan P. B., Newton, Mass. Apparatus for making flame coloring sticks. 2,319,778; May 25.
- Fiske, Jonathan P. B., Newton, Mass. Flame coloring material. 2,320,330; May 25.
- Fitch, Benjamin F., Greenwich, Conn., assignor, by mesne assignments, to National Fitch Corporation, New York, N. Y. Apparatus for transferring freight. 2,317,984; May 4.
- Fitch, Benjamin F., Zachaeus Meade Lane, Fairfield County, Conn., and R. A. Norbom, Nutley, N. J., as signors, by mesne assignments, to National Fitch Corporation, New York, N. Y. Demountable freight container. 2,310,948; Feb. 16.
- Fitch, Benjamin F., Greenwich, Conn., and R. A. Norbom, assignors to National Fitch Corporation, New York, N. Y. Demountable freight container. 2,317,985; May 4.
- Fitch, Clifford E. (See Amsterg, L. A., and Fitch.)
- Fitch, Clifford E., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Gas hammer. 2,333,419; Nov. 2.
- Fitch, Clyde J., Endwell, and K. R. Schneider, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Telegraph printer. 2,307,123; Jan. 5.
- Fitch, Clyde J., Endwell, and K. R. Schneider, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Telegraph printer. 2,313,137; Mar. 9.
- Fitch, Clyde J., Endwell, and K. R. Schneider, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Telegraph printer. 2,318,303; May 4.
- Fitch, Clyde J., Endwell, and K. R. Schneider, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Telegraph printer. 2,323,388; July 6.
- Fitch, Clyde J., Endwell, and K. R. Schneider, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Telegraph printer. 2,328,036; Sept. 7.
- Fitch, Elbery R., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake mechanism. 2,313,991; Mar. 16.
- Fitch, Elbery R., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elvira, Ohio. Fluid pressure system. 2,330,040; Sept. 21.
- Fitch, Elliott B. (See Black, L. G., Fitch, and Sohr.)
- Fitch, Howard M., and W. K. Gregory, assignors to American Air Filter Company, Inc., Louisville, Ky. Self-cleaning automotive air cleaner. 2,309,838; Feb. 2.
- Fitchburg Engineering Corporation. (See Fickett, E. L., and Forman, assignors.)
- Flites, Cyril B. (See Freeman, W. R., and Flites.)
- Flitew Dress Co. (See Bono, Austin J., assignor.)
- Fitz, Edward J., Fairfield, Conn., assignor to Jenkins Bros., New York, N. Y. Valve operating mechanism. 2,324,571; July 20.
- Fitze, Maurice E. (See Drewry, M. K., and Fitze.)
- Fitzgerald, Alex E., Merion, assignor to General Refractories Company, Philadelphia, Pa. High alumina refractory. 2,325,181; July 27.
- Fitz Gerald, Charles R., Worcester, Mass. Anchoring device. 2,315,513; Apr. 6.
- Fitzgerald, Edward R., Schenectady, N. Y., assignor to General Electric Company. Refrigerating apparatus. 2,312,087; Feb. 23.
- Fitz Gerald, Harold G. (See Coker, J. B., and Fitz Gerald.)
- Fitzgerald, James H., Westfield, N. J. Pump for concrete and the like. 2,310,981; May 25.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,307,207; Jan. 5.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Manually engaged engine starter. 2,318,209; May 4.
- Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,329,174; Sept. 14.
- Fitzky, Wilhelm, Frankfurt-on-the-Main-Hochst, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Cycle acetal of formaldehyde and preparing them. 2,325,760; Aug. 3.
- Fitzloff, Frank A., Spencer, Iowa. Attachment for corn pickers. 2,315,950; Apr. 6.
- Fitzpatrick, Joseph L., San Francisco, Calif. Table hinge. 2,325,182; July 27.
- Fitzpatrick, Michael F., Brooklyn, N. Y. Snowplow. 2,317,680; Apr. 27.
- Fitzpatrick, W. J., Company, The. (See Fitzpatrick, W. J., and Wagner, assignors.)
- Fitzpatrick, William J., Chicago, Ill., and H. H. Wagner, Cincinnati, Ohio, assignors to The W. J. Fitzpatrick Company, Chicago, Ill. Food product and method of making. 2,334,401; Nov. 16.
- Fitz Simons, Ogden, and R. G. Capell, assignors to Florida Company, Warren, Pa. Filter powder. 2,315,410; Mar. 30.
- Fix, Eugene J., Philadelphia, Pa., assignor to the United States of America, as represented by the Secretary of War. Securing hair springs to arbors. 2,329,710; Sept. 21.
- Fix, Oral S., assignor to The Polk Development Company, a copartnership composed of Ralph Polk, Sr., and Ralph Polk, Jr., Tampa, Fla. Apparatus for segmenting and pitting fruits having pits. 2,319,120; May 11.
- Fjellstedt, Thorsten. (See Cornell, E. S., Fjellstedt, and Killian.)
- Flachowsky, Kurt, Berlin, Germany; vested in the Alien Property Custodian. Securing spaced air-core coils. 2,331,384; Oct. 12.
- Fladd, Walter E., Milford, Conn., assignor to General Electric Company. Electric connector. 2,332,846; Oct. 26.
- Flax in Every Home Committee, Inc., The. (See Forbell, Charles H., assignor.)

- Flakice Corporation. (See Field, Crosby, assignor.)
 Flakice Corporation. (See Raver, Francis M., assignor.)
 Flakice Corporation. (See Short, Frank, assignor.)
 Flakker, Charles B. (See Conner, J. K., Bird, Flakker, and Johnson.)
 Flam, Stephen, Sherman Oaks, Calif. Molding apparatus. 2,319,313; May 18.
 Flamm, Alexander, Fairfield, Conn. Container carrier. 2,330,699; Sept. 28.
 Flanagan, B. H., et al. (See Hilger, William P., assignor.)
 Flanagan, George A., Oakland, Calif. Thermometer shaker. 2,323,808; July 6.
 Flanagan, John E., Chicago, Ill. Automatic bowling alley mechanism. 2,319,925; May 25.
 Flanagan, Thomas B., assignor to The Exact Weight Scale Company, Columbus, Ohio. Weighing scale. 2,316,947; Apr. 20.
 Flanagan, Thomas B., and R. T. Pounds, assignors to The Exact Weight Scale Company, Columbus, Ohio. Automatic weighing mechanism. 3,323,023; June 29.
 Flanders, Warren B., Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vibration dampener. 2,310,412; Feb. 9.
 Flanders, Warren B., Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade shroud fastening. 2,315,610; Apr. 6.
 Flannery Bolt Company. (See Greenslade, Grover R., assignor.)
 Flannery Bolt Company. (See Greenslade, G. R., and Landgraf, assignors.)
 Flanzner, Joseph A., and P. Bein, assignors, by mesne assignments, to F. and J. Lauter, Willimantic, Conn., doing business under the name of The Electro Motive Manufacturing Company. Electrical condenser. 2,318,070; May 4.
 Flaws, John, Jr., East Cleveland, Ohio, assignor to General Electric Company. Electrode for discharge devices. 2,312,245; Feb. 23.
 Flaws, John, Jr., East Cleveland, Ohio, assignor to General Electric Company. Filament mounting machine. 2,327,033; Aug. 17.
 Flaws, John, Jr., East Cleveland, Ohio, assignor to General Electric Company. Mount testing device. 2,329,599; Sept. 14.
 Flaxman, Marcellus T., Inglewood, assignor to Union Oil Company of California, Los Angeles, Calif. Grease stick. 2,309,619; Jan. 26.
 Flaxman, Marcellus T., Inglewood, assignor to Union Oil Company of California, Los Angeles, Calif. Glass cleaning composition. 2,313,425; Mar. 9.
 Flaxman, Marcellus T., Inglewood, assignor to Union Oil Company of California, Los Angeles, Calif. Detergent paper towel. 2,333,919; Nov. 9.
 Flaxman, Marcellus T., Wilmington, assignor to Union Oil Company of California, Los Angeles, Calif. Spray oil and emulsion. 2,327,152; Aug. 17.
 Flaxman, Robert E., assignor to Short Brothers (Rochester & Bedford) Limited, Rochester, England. Emergency hatch and manhole cover. 2,312,155; Feb. 23.
 Flechsig, Werner, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Cathode ray tube. 2,320,552; June 1.
 Flechsig, Werner, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Television transmission tube. 2,323,024; June 29.
 Flegel, Benjamin F., Racine, Wis. Astronomic dial for automatic electric time switches. 2,308,329; Jan. 12.
 Fleisch, Joseph R., Oak Park, assignor to The Ardor Company, Chicago, Ill. Jar sealing device or the like. 2,318,210; May 4.
 Fleischer, Gerhard A. (See Schwenk, E., and Fleischer.)
 Fleischer, Max, Miami Beach, Fla. Calculator. 2,325,761; Aug. 3.
 Fleischer Mills, Inc., The. (See Fleischer, Nathan I., assignor.)
 Fleischer, Nathan, Brooklyn, N. Y. Paper sheet dispensing box. 2,308,273; Jan. 12.
 Fleischer, Nathan I., assignor to The Fleischer Mills, Inc., Cincinnati, Ohio. Tab tape. 2,317,899; Apr. 27.
 Fleischer, Nathan I., C. Charlottend, and J. J. Hansen, Ordrup, Denmark; vested in the Alien Property Custodian. Thread isolating device. 2,313,195; Mar. 9.
 Fleischmann, Martin. (See Drummond, J. R., Fleischmann, and Klamp.)
 Fleischmann, Martin, assignor to The Timken Roller Bearing Company, Canton, Ohio. Carbureted articles. 2,322,441; Oct. 13.
 Fleischer, Richard P., Scarsdale, N. Y. Watch stand. 2,311,332; Feb. 16.
 Fleisher, Harry, and J. M. Weinberger, Brooklyn, N. Y. Light measuring device. 2,330,877; Oct. 5.
 Fleisher, Harry, Watertown, Conn., and G. H. Tillett, Jackson Heights, assignors to Roto-Matic Screen Printer, Ltd., New York, N. Y. Screen color printing apparatus. 2,321,134; June 8.
 Fleisher, Harry, Watertown, Conn., and G. H. Tillett, Jackson Heights, assignors to Roto-Matic Screen Printer, Ltd., New York, N. Y. Spool truck for screen printing apparatus. 2,333,239; Nov. 2.
 Fleishacker Paper Box Company. (See Trost, Gustave A., assignor.)
 Fleming, Bruce L., Lahaina, Territory of Hawaii, assignor to Baldwin Packers, Limited. Fruit inspecting and trimming table. 2,322,190; June 15.
 Fleming, Cornelius S., Los Angeles, Calif. Bronzing material. 2,312,088; Feb. 23.
 Fleming, Jack F., assignor to W. A. Hartwig, Milwaukee, Wis. Toy. 2,325,496; July 27.
 Fleming, Joseph E., Titusville, Pa. Valve for oil wells. 2,332,787; Oct. 26.
 Fleming, Paul N., Hagerstown, Md. Sanitary drinking cup. 2,309,385; Jan. 26.
 Fleming, Paul Nelson, Hagerstown, Md. Anchoring means for sanitary drinking cups. 2,317,046; Apr. 20.
 Fleming, Wells S., Michigan City, Ind., assignor, by mesne assignments, to R. Newman and M. Hirschstein, Cleveland, Ohio. Apparatus for separating liquids of different specific gravities. 2,307,498; Jan. 5.
 Fleming, William D., Edgewood, Md. Synthetic mounting material for microscopic specimens. 2,312,329; Mar. 2.
 Fleming, William D., Edgewood Arsenal, Md. Gasproof fiber cover. 2,331,315; Oct. 12.
 Flenner, Albert L., Wilmington, Del., assignor to A. H. Goddin, Newark, Del., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,307,775; Jan. 12.
 Flenner, Albert L., Wilmington, Del., F. H. Kaufert, St. Paul, Minn., and P. L. Salzberg, Carcroft, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preservation of wood. 2,331,268; Oct. 5.
 Flenner, Albert L., Wilmington, Del., and B. M. Sturgis, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition of matter. 2,333,084; Nov. 2.
 Fleisch, John. (See Stewart, Burns E., assignor.)
 Fleisch, John E., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,333,920; Nov. 9.
 Fleisch, John E., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,333,921; Nov. 9.
 Fletcher, Archibald G. (See Abbott, S. C., and Fletcher.)
 Fletcher, Arthur T., Bristol, Conn. Scraper. 2,312,809; Mar. 2.
 Fletcher, Arthur T., Bristol, Conn. Glass cutter. 2,312,635; Mar. 2.
 Fletcher, Arthur T., Bristol, Conn. Glass cutter. 2,325,943; Aug. 3.
 Fletcher, David A. (See Macht, M. L., and Fletcher.)
 Fletcher, David A., Bloomfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyethylene plastic. 2,317,137; Apr. 20.
 Fletcher, David A., Bloomfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Granular polymerization of ethanoid monomers. 2,317,138; Apr. 20.
 Fletcher, Ed. (See Slayter, G., Atkinson, Fletcher, and Smith.)
 Fletcher, Ed. (See Thomas, J. H., and Fletcher.)
 Fletcher, Fred W. (See Allen, W. W., and Fletcher.)
 Fletcher, Fred W. (See Lynn, G. E., and Fletcher.)
 Fletcher, Fred W. (See Lynn, G. E., Fletcher, and Coleman.)
 Fletcher, Fred W. (See Smith, F. B., Lynn, and Fletcher.)
 Fletcher, James, assignor to Tipaloy, Incorporated, Detroit, Mich. Welding electrode. 2,317,681; Apr. 27.
 Fletcher, James, assignor to Tipaloy, Ind., Detroit, Mich. Welding electrode. 2,320,920; June 1.
 Fletcher, Philip, Chambersburg, Pa. Pencil sharpener. 2,333,714; Nov. 9.
 Flett, Lawrence H. (See Toone, G. C., and Flett.)
 Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Producing higher alkyl aromatic sulphonates. 2,314,929; Mar. 30.
 Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Ester of sulphosuccinic acid. 2,316,234; Apr. 13.
 Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical Dye Corporation. Composition of matter. 2,317,986; May 4.
 Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Dry-cleaning composition. 2,326,772; Aug. 17.
 Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Dry-cleaning composition. 2,327,182; Aug. 17.
 Flett, Lawrence H., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Dry-cleaning compositions. 2,327,183; Aug. 17.
 Flexible Container Corporation. (See Berch, Samuel H., assignor.)
 Flex-O-Tube Company, The. (See Clickner, James E., assignor.)
 Flex-O-Tube Company, The. (See Couty, Norman M., assignor.)
 Fliegenschmidt, Edgar. (See Hoffmann, K. F., and Fliegenschmidt.)
 Fliegenschmidt, Edgar. (See Langley, Marcus, assignor.)
 Fling, Wentworth D., Clinton, N. Y. Phonographic reproducing device. 2,307,259; Jan. 5.
 Flink, John H., Watertown, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for centering shoe soles and the like. 2,323,809; July 6.
 Finn, George H., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch. 2,328,205; Aug. 31.

- Flinn, George E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission control. 2,334,402; Nov. 16.
- Flinn, Richard A., Jr. (See Reese, D. J., and Flinn.)
- Flint, Arthur W., Toronto, Ontario, Canada. Article and a method of mounting characters of wood, or the like, on a background of wood, or similar materials. 2,321,740; June 15.
- Flint, Clarence H., Westport, assignor to Peter Paul, Inc., Naugatuck, Conn. Making chewing gum. 2,330,571; Sept. 28.
- Flint, Edward E., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope. 2,325,238; July 27.
- Flint, Edward E., Brighton, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Microscope. 2,325,239; July 27.
- Flint, Forrest T., Florissant, assignor to Carter Carburetor Corporation, St. Louis, Mo. Booster pump and suction switch. 2,308,746; Jan. 19.
- Flint, Forrest T., assignor to Carter Carburetor Corporation, St. Louis, Mo. Windshield wiper motor. 2,332,442; Oct. 2.
- Flint, George W., Chicago, Ill., and H. J. Liehe, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Bearing grease. 2,318,847; May 11.
- Flint & Walling Manufacturing Co. (See Long, Kenneth R., assignor.)
- Flintkowsky, John S., assignor, by mesne assignments, to J. E. Daniels, Chicago, Ill. Quick opening package. 2,315,116; Mar. 30.
- Flock, Bernard J. (See Gerhold, C. G., and Flock.)
- Flock, Bernard J., assignor to Universal Oil Products Company, Chicago, Ill. Reactor. 2,317,449; Apr. 27.
- Flocks, Karl W., Washington, D. C., assignor to Servel, Inc., New York, N. Y. Refrigerator door hinge. 2,332,788; Oct. 26.
- Flood, Lorain K., Washington, D. C. Dress shield. 2,337,207; Dec. 28.
- Floeter, Frederick S., assignor to Wickes Bros., Saginaw, Mich. Lathe chuck. 2,322,623; June 22.
- Flögel, Otto. (See Kaufmann, W., Flögel, Thewalt, and Ferschl.)
- Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Sealing apparatus. 2,315,411; Mar. 30.
- Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Label dispenser. 2,331,019; Oct. 5.
- Flood, Edward, New York, N. Y. Torpedo trap. 2,319,672; May 18.
- Florack, Joseph G., Hackensack, N. J. Flexible grinder or sander. 2,330,209; Sept. 28.
- Floraday, Burton S., Toledo, Ohio, assignor to Detroit Harvester Company, Detroit, Mich. Vehicle door handle. 2,311,821; Feb. 23.
- Floraday, Burton S., Toledo, Ohio, assignor to Detroit Harvester Company, Detroit, Mich. Regulator mechanism for vehicle windows or the like. 2,324,145; July 13.
- Floraday, Burton S., Toledo, Ohio, assignor to Detroit Harvester Company, Detroit, Mich. Vehicle window regulator handle. 2,336,082; Dec. 7.
- Florence Pipe Foundry & Machine Company. (See Camerota, Louis A., assignor.)
- Florence Stove Company. (See Reeves, Herbert M., assignor.)
- Florlan, Otto, Berwyn, Ill. Garment. 2,333,240; Nov. 2.
- Floridin Company. (See Fitz Simons, O., and Capell, assignors.)
- Florin, Philip, Inc. (See Berger, Benjamin S., assignor.)
- Florman, Irving, New York, N. Y. Cigarette lighter. 2,321,135; June 8.
- Florman, Irving, New York, N. Y. Lighter. 2,332,566; Oct. 26.
- Flory, Leslie E., Oaklyn, and A. W. Vance, Haddonfield, N. J., assignor to Radio Corporation of America. Cathode ray tube. 2,323,956; July 13.
- Flosi, Florio G. (See Weiner, Harry, assignor.)
- Flournoy, Algernon F., Monroe, La. Fish stringer. 2,316,511; Apr. 13.
- Flowers, Alan E., Poughkeepsie, N. Y., assignor to The De Laval Separator Company, New York, N. Y. Machine for purifying liquids. 2,313,541; Mar. 9.
- Flowers, Paul E., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Platen leveling device. 2,309,944; Feb. 2.
- Flowers, Paul E., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Guiding means for press platens. 2,321,741; June 15.
- Flowers, Paul E., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Slug producing press. 2,325,119; July 27.
- Flowers, Paul E., Mount Gilead, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Means for adjusting press gibs. 2,336,351; Dec. 7.
- Flowers, Paul E., Mount Gilead, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Nut and bolt device. 2,337,984; Dec. 28.
- Floyd, John M., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Head for enameled tanks. 2,325,497; July 27.
- Floyd, John M., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Die for electrical forging machines. 2,325,498; July 27.
- Floyd, Oscar H., Chicago, Ill. Ultra violet ray applicator. 2,326,773; Aug. 17.
- Floyd, Richard, Mount Vernon, Ind. Fly trap. 2,314,931; Mar. 30.
- Flude, John W., Houston, Tex. Submarine prospecting. 2,332,378; July 13.
- Fluid Control Engineering Co. (See Annin, Douglas H., assignor.)
- Fluid Control Engineering Co. (See Grove, M. H., and Bryant, assignor.)
- Fluke, John M., Bridgeport, Conn., assignor to General Electric Company. Attaching strip contact material to switch members. 2,307,579; Jan. 5.
- Fluke, John M., Arlington, Va., assignor to General Electric Company. Control apparatus. 2,307,580; Jan. 5.
- Flukes, Andrew, assignor to Mills Novelty Company, Chicago, Ill. Refrigerating apparatus. 2,329,192; Sept. 14.
- Flumerfelt, William A., assignor to The Columbus Auto Parts Company, Columbus, Ohio. Joint construction. 2,320,845; Dec. 2.
- Fluor Corporation, Ltd., The. (See Dewey, D. B., and Meyer, assignors.)
- Fluor Corporation, Ltd., The. (See Hutchinson, Arthur J. L., assignor.)
- Fluor Corporation, Ltd., The. (See McCarthy, Edwin L., assignor.)
- Flygare, Carl G., and H. A. Silven, assignors to Norton Company, Worcester, Mass. Car wheel grinding machine. 2,316,058; Apr. 6.
- Flygare, Carl G., and S. S. Mader, assignors to Norton Company, Worcester, Mass. Cylindrical grinding machine. 2,327,255; Aug. 17.
- Flygare, Carl G., and C. J. Green, assignors to Norton Company, Worcester, Mass. Grinding machine. 2,331,089; Oct. 5.
- Flygare, Carl G., and F. T. MacKenzie, assignors to Norton Company, Worcester, Mass. Grinding wheel truing apparatus. 2,336,207; Nov. 23.
- Flynn, Alvy K., Delano, Calif. Mud trap drilling bit. 2,329,401; Sept. 14.
- Flynn, Edwin J., Schenectady, N. Y., assignor to General Electric Company. Apparatus for enameling rectangular wire. 2,309,057; Jan. 19.
- Flynn, John A., and J. W. Ingersoll, Tacoma, Wash., assignors to Hooker Electrochemical Company, Niagara Falls, N. Y. Electrolytic alkali chlorine cell. 2,330,415; Sept. 28.
- Flynn, Vincent, Palisades Park, assignor to Wardlyn Corporation, Ridgefield, N. J. Catheter. 2,317,987; May 4.
- Flynn, William B., Galeta, Calif. Turncock. 2,313,331; Mar. 9.
- Flynt, Frank V., Scotia, N. Y., assignor to General Electric Company. Multiple switch and the like. 2,320,774; June 1.
- Flynt, Robert C., assignor to Brown-Rogers-Dixon Co., Winston-Salem, N. C. Toy for simulating airplane attacks. 2,327,702; Aug. 24.
- Flynt, Robert C., and U. K. Butler, Winston-Salem, N. C. Toy machine gun. 2,326,530; Aug. 10.
- Focke, Theodore B., Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Liquid fuel combustion apparatus. 2,333,473; Nov. 2.
- Fodor, Joseph, London, England. Display system. 2,322,008; June 15.
- Foerste, William, Pelham Manor, and E. A. Quarrie, Scarsdale, N. Y. Fluorescent lamp. 2,317,265; Apr. 20.
- Foerster, Gustav C., Milwaukee, Wis. Submarine weed cutting apparatus. 2,317,367; Apr. 27.
- Fogarty, George E. (See Hicks, E. E., and Fogarty.)
- Fogel, Gordon, et al. (See Hicks, Lewis E., assignor.)
- Fohs Oil Company. (See De Long, Raleigh, assignor.)
- Foll, Clifton C. (See Miller, L. A., and Foll.)
- Folbert, Frederick G. and W. M., Cleveland, Ohio. Windshield cleaner arm mechanism. 2,337,879; Dec. 28.
- Folberth, William M. (See Folbert, Frederick G. and W. M.)
- Földi, Zoltán, Á. Gerecs, I. Demjén, and R. König, Budapest, Hungary; vested in Allen Property Custodian. Preparation of sulphamide derivatives. 2,332,906; Oct. 26.
- Folds, George R., and R. M. Schultz, assignors to Cook Electric Company, Chicago, Ill. Terminal box. 2,317,450; Apr. 27.
- Foley, Francis B. (See Frevert, H. L., and Foley.)
- Foley, Fred C., Buffalo Ridge, Va., assignor of two-thirds to G. H. Hufat, Jr., Wilmington, N. C. Container. 2,330,878; Oct. 5.
- Foley, John B. (See Davis, H. R., and Foley.)
- Foley Manufacturing Company. (See Collier, Freeman E., assignor.)
- Folger, Paul. (See Yates, Richard, assignor.)
- Folke, Bengt E., Mamaroneck, assignor to Nathan Manufacturing Company, New York, N. Y. Lubricating system. 2,315,773; Apr. 6.
- Folke, Bengt E., Mamaroneck, assignor to Nathan Manufacturing Company, New York, N. Y. Lubricator oil control valve. 2,329,040; Sept. 7.

- Folke, Bengt E., Mamaroneck, assignor to Nathan Manufacturing Company, New York, N. Y. Injector discharge control valve. 2,330,275; Sept. 28.
- Folkers, Karl. (See Harris, S. A., and Folkers.)
- Follender, Otto, East Islip, N. Y. Time measuring indicator. 2,325,312; July 27.
- Follewaag, Genora E., et al. (See Peters, Otho A., assignor.)
- Folmer Grafex Corporation, The. (See Gorey, Archie H., assignor.)
- Folmer Grafex Corporation, The. (See Jacobson, Irving, assignor.)
- Folmer Grafex Corporation, The. (See Korling, Torkel, assignor.)
- Folmer Grafex Corporation, The. (See Olson, Harold T., assignor.)
- Folmer Grafex Corporation, The. (See Smith, Byron L., assignor.)
- Folmer Grafex Corporation. (See Smith, B. L., and Whitman, assignors.)
- Folmer Grafex Corporation, The. (See Steiner, Oscar, assignor.)
- Folmer Grafex Corporation. (See Whitman, Vernon E., assignor.)
- Foltz, Stewart P., New Castle, Pa. Heating apparatus. 2,323,530; July 6.
- Fon Dersmith, Charles R., and W. W. Bergmann, assignors to The American Rolling Mill Company, Middletown, Ohio. Water cooled skewback casting. 2,321,074; June 8.
- Foner, Newton F., Pittsburgh, Pa. Mechanical arm. 2,323,088; June 29.
- Fonken, Martin E., Beloit, Wis., assignor to Interstate Bakeries Corporation, Kansas City, Mo. Apparatus for making cinnamon rolls or the like. Re. 22,399; Dec. 7.
- Fontaine, Robert A., Martinsville, Va. Brick grab. 2,323,810; July 6.
- Fontaine, Robert A., Martinsville, Va. Brick grab. 2,323,811; July 6.
- Fontecilla, Manuel, Dayton, Ohio. Loose leaf binding device. 2,314,204; Mar. 16.
- Food Machinery Corporation. (See Bauer, Edward G., assignor.)
- Food Machinery Corporation. (See Bowie, A. St. J., assignor.)
- Food Machinery Corporation. (See Cutler, Frank W., assignor.)
- Food Machinery Corporation. (See Fox, Richard D., assignor.)
- Food Machinery Corporation. (See Gollmer, Carl E., assignor.)
- Food Machinery Corporation. (See Grant, Robert S., assignor.)
- Food Machinery Corporation. (See Hait, James M., assignor.)
- Food Machinery Corporation. (See Kalmar, Arthur F., assignor.)
- Food Machinery Corporation. (See Kerr, Charles E., assignor.)
- Food Machinery Corporation. (See Longfield-Smith, Longfield, assignor.)
- Food Machinery Corporation. (See Magnuson, Roy M., assignor.)
- Food Machinery Corporation. (See Mapson, Donald L., assignor.)
- Food Machinery Corporation. (See Mondloch, Henry, assignor.)
- Food Machinery Corporation. (See Paxton, Walter H., assignor.)
- Food Machinery Corporation. (See Paxton, G. C., and Stilwell, assignors.)
- Food Machinery Corporation. (See Porch, Howard L., assignor.)
- Food Machinery Corporation. (See Sells, Neal S., assignor.)
- Food Machinery Corporation. (See Smith, Henry L., assignor.)
- Food Machinery Corporation. (See Stilwell, Glenn E., assignor.)
- Food Machinery Corporation. (See Stover, R. B., and (Hoy, assignor).)
- Food Machinery Corporation. (See Thompson, Albert R., assignor.)
- Food Machinery Corporation. (See Thompson, A. R., and Bauer, assignors.)
- Food Machinery Corporation. (See Thompson, A. R., and Magnuson, assignors.)
- Food Machinery Corporation. (See Wathen, Ben, assignor.)
- Food Machinery Corporation. (See Woods, Gilbert R., assignor.)
- Food, Stanley G., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Stabilization of styrene. 2,318,211; May 4.
- Food, Stanley G., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Stabilization of styrene. 2,318,212; May 4.
- Food, Stanley G., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Stabilization of styrene. 2,320,859; June 1.
- Foot, Alton G., Wickliffe, Ohio, assignor to General Electric Company. Vapor lamp for sound recording. 2,326,346; Aug. 10.
- Foot-Burt Company, The. (See Ruppel, Harry W., assignor.)
- Foot Company, The. (See Farrell, John D., assignor.)
- Foot, Harley K., assignor to Foot & Van Wie, Incorporated, Chicago, Ill. Sheet fastening means. 2,317,047; Apr. 20.
- Foot, James W. (See King, V. L., Foot, and Felch.)
- Foot & Van Wie, Incorporated. (See Foot, Harley K., assignor.)
- Footitt, Frederick D. (See Trapp, G. J., and Footitt.)
- Forbell, Charles H., assignors to The Flag in Every Home Committee, Inc., New York, N. Y. Flag holder. 2,332,997; Oct. 26.
- Forberg, Albert, assignor to National Broach & Machine Company, Detroit, Mich. Cutting tool. 2,310,579; Feb. 9.
- Forbes, Charles J., Terre Haute, Ind. Reversible coal cutting bit. 2,312,538; Mar. 2.
- Forbes, Joseph A., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake. 2,330,879; Oct. 5.
- Forbes, Henry C., Eggertsville, assignor to Colonial Radio Corporation, Buffalo, N. Y. Directional radio receiver. 2,313,231; Mar. 9.
- Forbes, Henry C., Eggertsville, assignor to Colonial Radio Corporation, Buffalo, N. Y. Radio receiver for horizontally polarized waves. 2,320,124; May 25.
- Forbes, John D., San Francisco, Calif. Chain shot. 2,308,683; Jan. 19.
- Forbes, John D., San Francisco, Calif. Chain shot. 2,322,624; June 22.
- Forbes, Joseph A., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Braking apparatus. 2,325,846; Aug. 3.
- Forbes, Lewis J.-B., Rainhill, and J. Heaton, St. Helens, England, assignors to The American Security Company, Washington, D. C. Apparatus for tempering glass. 2,336,170; Dec. 7.
- Ford, Thomas C. (See Graham, M. H., and Forbes.)
- Ford, Carl F., Sigourney, Iowa. Boat loading attachment for automobiles. 2,325,762; Aug. 3.
- Ford, Charles R., St. Louis, Mo. System and apparatus for propelling boats. 2,310,361; Feb. 9.
- Ford, David O., Petersburg, Va. Safety match packet. 2,314,974; Mar. 30.
- Ford, David O., assignor of one-tenth to O. E. Crocker, Petersburg, Va. Treating thermoplastic materials and resulting product. 2,314,975; Mar. 30.
- Ford, Edward T., assignor of one-half to H. F. Rogers, Red Key, Ind. Train order device. 2,319,540; May 18.
- Ford, Eugene A., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Record feeding and sensing device. 2,335,928; Dec. 7.
- Ford, Frank K., Sparkbrook, Birmingham, England. Mechanism for producing step by step motion. 2,313,633; Mar. 9.
- Ford, Frank R., Sparkbrook, Birmingham, England. Duplicating machine. 2,337,808; Dec. 28.
- Ford, Frederick L. (See Rouan, F. J., and Ford.)
- Ford, George E., assignor to Rochester Manufacturing Co., Inc., Rochester, N. Y. Thermometer. 2,315,779; Apr. 6.
- Ford, Gladys C., New York, N. Y. Umbrella and article carrying attachment. 2,319,729; May 18.
- Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Opposed-piston engine. 2,334,917; Nov. 23.
- Ford, Henry, Dearborn, and R. A. Boyer, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Die construction. 2,317,597; Apr. 27.
- Ford, Henry, Dearborn, and C. E. Sorensen, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Bearing. 2,334,916; Nov. 23.
- Ford, Henry, Hospital. (See Hartman, F. W., and Schelling, assignors.)
- Ford Instrument Company. (See Doe, T. B., and Kennfort, assignors.)
- Ford Instrument Company. (See Newell, William H., assignor.)
- Ford, Ivon R., McDonough, N. Y. Preformed building construction. 2,329,041; Sept. 7.
- Ford, James G., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rust-proofing material for metals. 2,320,921; June 1.
- Ford, James G., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High-voltage coil insulation. 2,320,922; June 1.
- Ford, Jared H., Washington, D. C., and H. W. Eck, East Lansing, Mich., assignors to Kilgore Development Corporation, Washington, D. C. Lethal composition for insects. 2,310,949; Feb. 16.
- Ford Motor Company. (See Brewer, Richard D., assignor.)
- Ford Motor Company. (See Ford, Henry, assignor.)
- Ford Motor Company. (See Ford, H., and Boyer, assignors.)
- Ford Motor Company. (See Ford, H., and Sorensen, assignors.)
- Ford Motor Company. (See Galamb, Joseph, assignor.)
- Ford Motor Company. (See Kramer, Clarence F., assignor.)
- Ford Motor Company. (See McCarroll, R. H., Shaub, and Laird, assignors.)

- Ford Motor Company. (See Ploch, W. F., and Thornton, assignors.)
- Ford Motor Company. (See Shaub, F. G., McCloud, and Tenny, assignors.)
- Ford Motor Company. (See Sorensen, C. E., and Sheldrick, assignors.)
- Ford Motor Company. (See Wharlam, John J., assignor.)
- Ford Motor Company. (See Zoerlein, E., and Hoffmann, assignors.)
- Ford, Tracy F., and A. G. Loomis, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Well drilling fluid. 2,335,146; Nov. 23.
- Ford, Warren A., and P. C. Michel, Schenectady, N. Y., assignors to General Electric Company. Electronic regulator. 2,316,577; Apr. 13.
- Fordson, Lee A. (See Ulrich, Fred J., assignor.)
- Fordyce, Charles R. (See McNally, J. G., Fordyce, and Talbot.)
- Fordyce, Charles R., and W. F. Hunter, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. High speed method of making cellulose organic derivative film and sheeting. 2,319,051; May 11.
- Fordyce, Charles R., and W. F. Hunter, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. High speed method of making cellulose organic derivative film and sheeting. 2,319,052; May 11.
- Fordyce, Charles R., and W. F. Hunter, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. High speed method of making cellulose organic derivative film and sheeting. 2,319,053; May 11.
- Fordyce, Charles R., and W. F. Hunter, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. High speed method of making cellulose organic derivative film and sheeting. 2,319,054; May 11.
- Fordyce, Charles R., and A. J. Gould, assignors to Eastman Kodak Company, Rochester, N. Y. High speed method of making cellulose organic derivative film and sheeting. 2,319,055; May 11.
- Fordyce, Charles R., and H. F. Vivian, assignors to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for determining the gelation temperature of solutions capable of gelling. 2,336,238; Dec. 7.
- Fordyce, Charles R., and J. G. Stampfl, assignors to Eastman Kodak Company, Rochester, N. Y. Reclaiming cellulose ester material. 2,337,880; Dec. 28.
- Foreman, Ira, San Bernardino, Calif. Building block. 2,315,194; Mar. 30.
- Foresman, Robert A., Prospect Park, and D. J. Moshart, Ardmore, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Furnace structure. 2,336,236; Dec. 7.
- Forgeng, William D. (See Bugess, C. O., and Forgeng.)
- Forget, Valmore, Teaneck, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Electrode holder. 2,328,087; Aug. 31.
- Forger, Richard L., Syracuse, N. Y. Jack. 2,332,443; Oct. 19.
- Forker, Major T., Jr., assignor to The Balmar Corporation, Baltimore, Md. Locomotive power reverse gear. 2,327,344; Aug. 24.
- Forman, Laurence P. (See Bishop, F. L., and Forman.)
- Forman, William O. (See Fickett, E. L., and Forman.)
- Form Fashion, Inc. (See Sholder, M., and Cooper, assignors.)
- Formhals, Anton, Mainz, Germany; vested in the Alien Property Custodian. Production of artificial fibers from fiber forming liquids. 2,333,025; June 29.
- Formhals, William H. (See King, G. E., and Formhals.)
- Formica Insulation Company, The. (See Lytle, Robert W., assignor.)
- Formrite Bacon Press Corporation. (See Pierson, Benjamin J., assignor.)
- Fornet, Arthur, Berlin, Germany; vested in the Alien Property Custodian. Method of and device for facilitating the reading of manuscripts. 2,325,493; July 27.
- Forney, Elbridge W., Canton, Ohio. Washing machine. 2,313,634; Mar. 9.
- Forney, William E., Merchantville, N. J., assignor, by mesne assignments, to Cities Service Oil Company, New York, N. Y. Refining cracked gasoline. 2,308,001; Jan. 12.
- Forney, William E., Merchantville, N. J., assignor to Cities Service Oil Company, New York, N. Y. Manufacturing nitrone derivatives of carbon compounds. 2,331,068; Oct. 19.
- Forrest, William H. (See Greene, E., and Forrest.)
- Forro, György, Budapest, Hungary; vested in the Alien Property Custodian. Mold for manufacture of dipped articles. 2,320,583; June 1.
- Forsberg Axel A., Stockholm, Sweden. Vacuum cleaner. 2,314,853; Mar. 23.
- Forsberg, Carl B., Jacobs, Natal, Union of South Africa. Folding chair. 2,320,923; June 1.
- Forsberg, Carl T., New York, N. Y. Carrier and system for launching motor torpedo boats. 2,319,855; May 25.
- Forschner, Vilem, New York, N. Y. Shoe. 2,314,205; Mar. 16.
- Forschner, Vilem, New York, N. Y. Shoe and making same. 2,327,415; Aug. 24.
- Forse, Harry D., Anderson, Ind. Developing apparatus. 2,325,120; July 27.
- Forseman, George L., Boston, Mass. Ladder. 2,313,469; Mar. 9.
- Fors, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Compression riveter. 2,318,071; May 4.
- Fors, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Company, Chicago, Ill. Impact tool. 2,326,347; Aug. 10.
- Fors, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Distributing valve for pneumatic hammering tools. 2,334,403; Nov. 16.
- Forsberg, Carl F. W., Brooklyn, N. Y. Reversible optical system. 2,317,983; May 4.
- Forster, John S., Pittsburgh, and S. W. Herwald, Wilkesburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gyroscope. 2,325,048; July 27.
- Forsthoefel, Gregg F., and H. D. White, assignors to Roveco, Inc., Adrian, Mich. Preselected bottle dispenser. 2,332,214; Oct. 19.
- Forstner Chain Corporation. (See Forstner, William, assignor.)
- Forstner Chain Corporation. (See Schoeninger, Adolf O., assignor.)
- Forstner, William, Irvington, N. J., assignor to Forstner Chain Corporation. Collar holder. 2,312,890; Mar. 2.
- Forstner, Edward E., Stratford, assignor to The Bryant Electric Company, Bridgeport, Conn. Strain device. 2,313,426; Mar. 9.
- Forayth, Benjamin F. (See Wesling, Louis, assignor.)
- Forsyth, George H., Oak Park, Ill. Game. 2,333,093; Nov. 2.
- Fort Orange Paper Company. (See Metzger, Henry L., assignor.)
- Fort Pitt Bedding Company. (See de Fries, Walter, assignor.)
- Forté, Carl D., San Diego, Calif. Demountable bulldozer attachment. 2,322,432; June 22.
- Forster Teichmann Company. (See Snyder, Harold H., assignor.)
- Forster Teichmann Company. (See Teichmann, Henry F., assignor.)
- Fortis, Oscar, Williston Park, N. Y., assignor to J. W. Hearst, Chicago, Ill. Hydrocarbon fuel burner. 2,315,482; Mar. 30.
- Fortney, Grant. (See Dunlap, M. N., and Fortney.)
- Fortune, James C., assignor to Reed Roller Bit Company, Houston, Tex. Roller bit. 2,335,929; Dec. 7.
- Forward, Worthy J. F. (See Trosch, A., and Forward.)
- Fosbak, Olaf, Bella Coola, British Columbia, Canada. Sled. 2,317,048; Apr. 20.
- Fosberg, Henry C., assignor to Watson Manufacturing Company, Inc., Jamestown, N. Y. Framed screen. 2,325,500; July 27.
- Foscoe, Henry A., High Point, N. C. Platform rocker. 2,334,618; Nov. 16.
- Fosdick Machine Tool Company, The. (See Linden, C. E., and McLeellan, assignors.)
- Fosgood Corporation. (See David, Raymond C., assignor.)
- Foss, Henry O., Tacoma, Wash. Towing device and hook-up. 2,318,150; May 4.
- Foss, Leonard R. (See Foss, Norman C., and Leonard R.)
- Foss, Norman C., and L. R. Foss, Oakland, Calif. Lamp shade. 2,308,071; Jan. 12.
- Fossa, Joseph, Salem, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe upper lacing machine. 2,311,165; Feb. 16.
- Fossa, Joseph, Salem, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe upper lacing machine. 2,327,345; Aug. 24.
- Fossati, Francis N., El Cerrito, Calif., assignor to Standard Oil Company of California, San Francisco, Calif. Weight indicator. 2,330,432; Sept. 28.
- Fossum, Henry O., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Diamond drill. 2,331,179; Oct. 5.
- Foster, Arthur S., Stourport on Severn, assignor to Underpressure Engineering Company, Limited, Mansfield, England. Service stopper for gas mains, branch pipe connections, and the like. 2,321,667; June 15.
- Foster, Arthur S., Stourport-on-Severn, England. Portable pipe vise. 2,324,379; July 13.
- Foster, Benjamin N., assignor to Kingsbury Machine Tool Corporation, Keene, N. H. Separable assembly for electrical units. 2,323,812; July 6.
- Foster, Charles H. W., Marblehead, Mass. Bookcase. 2,330,276; Sept. 28.
- Foster, Claud H., South Euclid, Ohio. Conveying mechanism. 2,308,872; Jan. 19.
- Foster, Dudley E., South Orange, N. J., assignor to Radio Corporation of America. Television system. 2,315,369; Mar. 30.
- Foster, Dudley E., South Orange, N. J., assignor to Radio Corporation of America. Frequency modulation receiver squelch circuit. 2,316,851; Apr. 20.
- Foster, Dudley E., South Orange, N. J., and A. Rankin, Port Washington, N. Y., assignors to Radio Corporation of America. Reduction of spurious responses in radio reception. 2,313,635; Mar. 9.
- Foster, Dudley E., South Orange, N. J., and G. Mountjoy, Manhasset, N. Y., assignors to Radio Corporation of America. Band width control. 2,335,496; Nov. 30.
- Foster, Edgar E., Omaha, Nebr. Knife. 2,333,241; Nov. 2.

- Foster, Edson P., Evanston, Ill. Felting needle. 2,322,573; June 22.
- Foster, Edson P., Manitowoc, Wis. Felting needle. 2,327,416; Aug. 24.
- Foster, George H., and L. L. Lento, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of dipotassium monosodium ferricyanide. 2,314,347; Mar. 23.
- Foster, Harlan, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Insulated electrical conductor. 2,333,922; Nov. 9.
- Foster, Harry C., Alton, assignor to Western Cartridge Company, East Alton, Ill. Self-angling target trap. 2,328,796; Sept. 7.
- Foster, James, assignor of one-half to J. F. Brum, Bristol, R. I. Yarn guide for twisting frames. 2,323,987; July 13.
- Foster, James L., Wichita Falls, Tex. Well explosive. 2,307,729; Jan. 5.
- Foster, James M., Memphis, Tenn. Vehicle frame. 2,322,841; June 29.
- Foster-Johnson Reamer Company. (See Engle, Bruce W., assignor.)
- Foster, Levin W., Pittsfield, Mass., assignor to General Electric Company. Protective circuit. 2,311,376; Feb. 16.
- Foster, Levin W., Pittsfield, Mass., assignor to General Electric Company. Multilayer electrical winding and method and apparatus for making same. 2,328,443; Aug. 31.
- Foster, Ralph L. (See Stahl, L. W., and Foster.)
- Foster, Robert, and J. F. Shafer, assignors to Saf-T-Dot Marker Corporation, San Francisco, Calif. Traffic marker. 2,321,476; June 8.
- Foster, Thomas I., Chicago, Ill. Box construction. 2,332,312; Oct. 19.
- Foster, Walter W., Wichita Falls, Tex. Pull line drum and mounting. 2,328,133; Aug. 31.
- Foster, Warren D., Eustis, Lake County, Fla., and F. D. Sweet, deceased, late of New York, N. Y., by G. Sweet, administratrix, New York, N. Y., assignors to Kinatome Patents Corporation, Ridgewood, N. J. Film handling apparatus. 2,316,780; Apr. 20.
- Foster Wheeler Corporation. (See Arnold, Stanfield N., assignor.)
- Foster Wheeler Corporation. (See Artsay, Nicholas C., assignor.)
- Foster Wheeler Corporation. (See Blizard, John, assignor.)
- Foster Wheeler Corporation. (See Bragg, Leslie B., assignor.)
- Foster Wheeler Corporation. (See Dean, Dion K., assignor.)
- Foster Wheeler Corporation. (See Frisch, Martin, assignor.)
- Foster Wheeler Corporation. (See Keenan, Walter F., Jr., assignor.)
- Foster Wheeler Corporation. (See Rover, Richard H., assignor.)
- Foster Wheeler Corporation. (See Sherman, Tracy H., assignor.)
- Foster Wheeler Corporation. (See Whitney, Gilbert C., Jr., assignor.)
- Foster, William M., and T. W. Drury, assignors to H. A. Douglas Mfg. Co., Bronson, Mich. Electric switch. 2,318,768; May 11.
- Fostos, John, Burlingame, Calif. Selective machine. 2,315,323; Mar. 30.
- Foulds, Andrew K., Grosse Pointe, and P. S. Russel, assignors to Detroit Lubricator Company, Detroit, Mich. Orifice clearing means. 2,336,603; Dec. 14.
- Foulke, William B. (See Du Pont, F. I., and Foulke.)
- Fountain, William M. (See Hayman, C. L., and Fountain.)
- Four Wheel Drive Auto Co., The. (See Eliason, Carl J. E., assignor.)
- Fouse, Frederick Z., Steubenville, Ohio. Uncoiler. 2,329,832; Sept. 21.
- Fowie, Frank F., Winnetka, Ill., and F. M. Crapo, Muncie, Ind. Carbon-steel alternating-current conductor. 2,327,256; Aug. 17.
- Fowler, Bert F., South Bend, Ind. Method of and apparatus for collecting dust. 2,338,004; Dec. 7.
- Fowler, Carl A., Wichita, Kans. Merchandise display hanger. 2,336,537; Dec. 14.
- Fowler, Clarence D., Glastonbury, Conn. Identification badge holder. 2,328,206; Aug. 31.
- Fowler, Donald E., Naugatuck, Conn., assignor, by mesne assignments, to Dispersions Process, Inc., New York, N. Y. Artificial dispersion of rubber. 2,333,420; Nov. 2.
- Fowler, Elbert, East Cleveland, assignor of one-half to Helen Eaton Brennan, Cleveland, Ohio. Rotary pump. 2,319,856; May 25.
- Fowler, George B., and D. K. Pattilloch, Springfield, Mass.; said Pattilloch assignor to Chemical Development, Inc., Chicago, Ill. Paper sizing material. 2,326,849; Aug. 17.
- Fowler, John, & Co. (Leeds) Limited. (See Sanders, Arthur F., assignor.)
- Fowler, Owen H., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure braking system. 2,317,601; Apr. 27.
- Fowler, Owen H., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure producing device. 2,320,009; June 15.
- Fowler, Owen H., assignor to Hydraulic Brake Company, Detroit, Mich. Piston. 2,322,010; June 15.
- Fowler, Owen H., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure producing device. 2,335,748; Nov. 30.
- Fowler, William H., East Marion, N. C. Grease guard for looms. 2,317,186; Apr. 20.
- Fowler, William R., Jr., Chicago, Ill., assignor to Hall Brothers, Incorporated, Kansas City, Mo. Marker. 2,323,653; July 6.
- Fox, Arthur L. (See Holbrook, G. E., Fox, Baum, and Clem.)
- Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic sulphinic acids. 2,315,514; Apr. 6.
- Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction of hydrocarbon sulphonyl halides with alcohols. 2,319,121; May 11.
- Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical compound and process. 2,321,022; June 8.
- Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic sulphonamides and their preparation. 2,334,186; Nov. 16.
- Fox, Arthur L., Woodstown, N. J., and P. O. Bare, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Condensation products of diaryl ether sulphonic acids with formaldehyde. 2,315,951; Apr. 6.
- Fox, Charles A., Oakland Village, Mo. Latching device. 2,331,115; Oct. 5.
- Fox, Charles A., assignor to J. R. Kearney Corporation, St. Louis, Mo. Repeater fuse switch. 2,307,208; Jan. 5.
- Fox, Charles L., Oklahoma City, Okla. Oil field derrick or the like. 2,308,652; Jan. 19.
- Fox, Earl S., Vale, and J. A. Greenwood, Portland, Oreg. Bulldozer. 2,335,851; Dec. 7.
- Fox, Ellis W., Alhambra, assignor of one-third to R. F. Bernard, Glendale, and one-third to F. H. Chapman, Glendora, Calif. Solution mixing and dispensing device. 2,316,781; Apr. 20.
- Fox, Gordon. (See Whitcomb, A. J., and Fox.)
- Fox, Gordon, assignor to Freyn Engineering Company, Chicago, Ill. Hot-blast valve. 2,331,465; Oct. 12.
- Fox, Hermann. (See Döhrn M., Schoeller, Laubereau, Fox, Geckzyck, and Inhoffen.)
- Fox, John, et al. (See McDougall, Stanley W., assignor.)
- Fox, John E. (See Burnette, Algernon R., assignor.)
- Fox, Joseph P., St. Cloud, Minn. Rope snubber. 2,318,213; May 4.
- Fox Manufacturing Company. (See Holcomb, Sherwood E., assignor.)
- Fox, Martin, Chicago, Ill., assignor to The Seng Company, Sofa bed. 2,337,712; Dec. 28.
- Fox, Orin T., and M. B. Dillon, Redding, Calif. Bed. 2,322,512; June 22.
- Fox, Paul X., Horsforth near Leeds, England. Coil winding machine. 2,331,674; Oct. 12.
- Fox Products Company. (See Miller, Robert M., assignor.)
- Fox, Raymond S. (See Terry, S. B., and Fox.)
- Fox, Raymond S., assignor to Niles-Bement-Pond Company, West Hartford, Conn. Screw thread lead testing machine. 2,321,903; June 15.
- Fox, Richard D., assignor to Food Machinery Corporation, San Jose, Calif. Feed valve for continuous cookers. 2,335,588; Nov. 30.
- Fox River Paper Corporation. (See Bradt, Rexford H., assignor.)
- Fox, Robert A., Cleveland Heights, assignor to H. E. Hagaman, trustee, Lorain, Ohio. Signaling system. 2,333,992; Nov. 9.
- Fox, Sereck H. (See Cook, R. D., and Fox.)
- Fox, Vernie A., Detroit, Mich. Safety device. 2,330,700; Sept. 28.
- Foxboro Company, The. (See Cook, Lyman, assignor.)
- Foxboro Company, The. (See Frymoyer, Webster W., assignor.)
- Foxboro Company, The. (See Howe, Wilfred H., assignor.)
- Foxboro Company, The. (See Kidd, Wilmot H., assignor.)
- Foxboro Company, The. (See Mason, C. E., and Rockwell, assignors.)
- Foxboro Company, The. (See McAllister, Walter G., assignor.)
- Foy, Bernard J., assignor of one-half to A. Ludwig, Washington, D. C. Tripod construction. 2,312,893; Mar. 2.
- Fracassi, Renato D. (See Abraham, L. G., Edwards, and Fracassi.)
- Frack, Morris W., Tulsa, Okla., assignor to The Dow Chemical Company, Midland, Mich. Well-treating tool. 2,329,157; Sept. 7.
- Frænckel, Victor H., Schenectady, and J. P. Blewett, Schenectady, N. Y. assignors to General Electric Company. Light-controlling device. 2,335,659; Nov. 30.
- Fragen, Nathan. (See Geckler, R. D., and Fragen.)

- Fraber, William T., Rockland, and C. B. Slater, Boston, assignors to C. B. Slater Company, South Braintree, Mass. Ornamental stay for shoes. 2,309,582; Jan. 19, 1947.
- Frading, Le Roy H., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,332,993; Nov. 9.
- Frain, Everett G. (See Gerhard, A. E., and Frain.)
- Frain, Everett G., Hicksville, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Frictionless retransmission method and apparatus. 2,336,932; Dec. 14.
- Frakes, James H. (See Peterson, A. J. A., Frakes and Burr.)
- Frakes, James H., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulator testing. 2,307,409; Jan. 5.
- Frakes, James H., Edgewood, and G. C. Saltzman, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulation testing equipment. 2,333,532; Nov. 2.
- Frale, Ernest L., Gaithersburg, Md. Removable vehicle body and means for supporting same. 2,328,071; Sept. 7.
- Frailing, Charles A., East Chicago, Ind. Door. 2,319,982; May 25.
- Fram Corporation. (See Wilkinson, James W., assignor.)
- Fram Corporation, Inc. (See Wilson, Steven B., assignor.)
- Franklin, Herbert J., Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Motorized lift truck. 2,327,583; Aug. 24.
- Francis, James D., and E. G. Ritter, Montclair, N. J. Garage or other shelter. 2,321,477; June 8.
- Francis, Joseph L., Oakland, Calif. Pipe jacking means. 2,331,020; Nov. 19.
- Francfort, Alfred H., assignor of one-half to A. B. Calet, Middle Haddam, Conn. Hydraulic ram. 2,309,053; Jan. 19.
- Francis, Alfred W., Woodbury, N. J., assignor to Socovon-Vacuum Oil Company, New York, N. Y. Chemical process. 2,314,333; Mar. 25.
- Francis, Carleton S., Jr., Chestnut Hill, Pa., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Textile product and making the same. 2,313,058; Mar. 9.
- Francis, Carleton S., Jr., Chestnut Hill, Pa., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Making and treating textiles and the products produced. 2,332,000; May 25.
- Francis, David R., et al, trustees. (See Daugherty, Fount F., assignor.)
- Francis, Elmer E., Jr. (See Bigger, A. J., and Francis.)
- Francis, Harry, Jr. (See Sharp, R. E. B., and Francis.)
- Francis, Oliver T., Renville, Minn. Ignition system. 2,328,444; Aug. 31.
- Francis, Paul H., assignor to Alloy Steel & Metals Company, Inc., Los Angeles, Calif. Bearing collar. 2,337,850; Dec. 28.
- Francis, Raymond A., Zanesville, Ohio. Blackout light. 2,328,445; Aug. 31.
- Francis, Clarence C., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade shroud fastening. 2,315,611; Apr. 6.
- Francis, Clarence C., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine shrouding. 2,315,612; Apr. 6.
- Francis, George E., Riverside, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Apparatus for forming closed tubes. 2,309,181; Jan. 20.
- Francis, George E., Riverside, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Diaphragm valve. 2,323,531; July 6.
- Francise Company. (See Miller, Frank W., assignor.)
- Francis-British Electrical Company, Limited, The. (See Brackensee, Auguste H., assignor.)
- Francols, Carl J., Cedar Rapids, Iowa. Expansion joint. 2,317,508; Apr. 27.
- Frank, Charles E. (See Austin, P. R., and Frank.)
- Frank, Earl L., Minneapolis, Minn. Knife with built-in sharpener. 2,337,158; Dec. 21.
- Frank, Edward H., Berkeley, Calif. Rocking-chair footrest. 2,330,964; Oct. 5.
- Frank, Edward J. (See Thumlin, C., Frank, and Boisseau.)
- Frank, Frederick C., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,322,121; June 15.
- Frank, Frederick C., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,325,944; Aug. 3.
- Frank, Frederick C., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,313,223; Mar. 9.
- Frank, George D., assignor to York Oil Burner Co., Inc., York, Pa. Ignition apparatus. 2,332,210; Oct. 19.
- Frank, Herman L., Buffalo, N. Y. Device for use in examining teeth. 2,330,485; Sept. 28.
- Frank, John, Long Island City, N. Y. Automatic dispensing nozzle. 2,309,503; Jan. 26.
- Frank, John P. (See Escherich, Richard, assignor.)
- Frank, Joseph, Brooklyn, N. Y. Illuminable signaling device. 2,335,852; Dec. 7.
- Frank, Len. (See Weiss, G., and Frank.)
- Frank, Lewis I., assignor to Armstrong Cork Company, Lancaster, Pa. Closure assembling machine. 2,331,269; Oct. 5.
- Frank, Louis, Taft, Calif. Wire or rod connector. 2,314,579; Mar. 23.
- Frank, Paul A., Akron, Ohio. Filter and making the same. 2,335,380; July 27.
- Frank, Tea and Spice Company, The. (See Emmerich, Werner, assignor.)
- Frank, William, Hempstead, N. Y. Razor blade scraper. 2,308,162; Jan. 12.
- Frank, William H. (See Platz, E. T., and Frank.)
- Frank, William H., assignor to Bulldog Electric Products Company, Detroit, Mich. Circuit breaker. 2,312,633; Mar. 2.
- Frank, William H., assignor to Bulldog Electric Products Company, Detroit, Mich. Bus duct system. 2,322,799; June 29.
- Frank, William H., and A. S. Bassette, assignors to Bulldog Electric Products Company, Detroit, Mich. Electrical distribution system. 2,308,302; Jan. 12.
- Frank, William H., and A. S. Bassette, assignors to Bulldog Electric Products Company, Detroit, Mich. Electrical distribution system. 2,310,024; Feb. 2.
- Frank, William H., and L. E. Fisher, assignors to Bulldog Electric Products Company, Detroit, Mich. Switch. 2,312,634; Mar. 2.
- Frank, William H., and E. T. Platz, assignors to Bulldog Electric Products Company, Detroit, Mich. Circuit breaker. 2,320,355; June 1.
- Frank, William H., and J. A. Messing, assignors to Bulldog Electric Products Company, Detroit, Mich. Circuit breaker. 2,320,356; June 1.
- Frank, William R., Moline, Ill., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Lift mechanism for implements. 2,329,193; Sept. 14.
- Franko August J., assignor to Standard Tool and Manufacturing Co., Arlington, N. J. Chuck. 2,310,580; Feb. 9.
- Franko, Herbert, Muhlhausen, Germany; vested in the Alien Property Custodian. Cover of cycle and like saddles. 2,332,847; Oct. 26.
- Franko, Roland C., Mullen, Nebr. Loader. 2,330,041; Sept. 21.
- Franko, Jack, Brooklyn, N. Y. Safety scaffold grip and bolt. 2,333,446; Nov. 9.
- Frankel, Leo, assignor to Burke & James, Inc., Chicago, Ill. Camera. 2,311,822; Feb. 23.
- Frankfort Distilleries, Incorporated. (See Bryant, Thomas H., Sr., assignor.)
- Frankfort Distilleries, Incorporated. (See Veceneman, William H., assignor.)
- Frankland, William H., Tampa, Fla. Heating and ventilating system. 2,337,382; Dec. 21.
- Franklin, John, Oklahoma City, Okla. Flexible sample case for shoes and the like. 2,319,497; May 18.
- Franklin Process Company. (See Goldman, Maurice A., assignor.)
- Franklin Process Company. (See Wood, John M., assignor.)
- Franklin Railway Supply Company. (See Martin, Frederick W., assignor.)
- Franklin, Raymond J., Chicago, assignor to Chicago Hardware Foundry Company, North Chicago, Ill. Welding electrode. 2,323,711; July 6.
- Franklin, Reginald G., and F. J. Wilkins, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Production of nitro compounds. 2,314,615; Mar. 23.
- Franko, Paul, Stratford, Conn. Shear. 2,307,457; Jan. 5.
- Franks Manufacturing Corporation. (See Scott, Merle G., assignor.)
- Franks, Russell, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Chromium steel. 2,334,869; Nov. 23.
- Franks, Russell, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Austenitic chromium-nickel and/or manganese steels. 2,331,870; Nov. 23.
- Franktz, Paul E., Euclid, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Suction cleaner. 2,309,583; Jan. 26.
- Franta, William A. (See Muskat, I. E., Pollack, Strain, and Franta.)
- Frantz, John G., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for fining molten glass. 2,330,343; Sept. 28.
- Frantz Manufacturing Co. (See Ferris, William D., assignor.)
- Frantz Manufacturing Co. (See Ferris, W. D., and Wolf, assignors.)
- Frantz, Paul E., Euclid, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Suction cleaner. 2,314,334; Mar. 23.
- Frantz, Philip M., Pueblo, assignor to The Colorado Fuel and Iron Corporation, Denver, Colo. Froth breaking. 2,317,139; Apr. 20.
- Frantz, Philip M., and W. M. Berthoff, Pueblo, assignors to The Colorado Fuel and Iron Corporation, Denver, Colo. Flotation. 2,311,527; Feb. 16.
- Frantz, Samuel G., Princeton, N. J. Magnetic separator. 2,331,769; Oct. 2.
- Frantz, Anselm. (See Neugebauer, F., Franz, Decher, and Meissner.)
- Franz, Anselm, Dessau, Germany; vested in the Alien Property Custodian. Exhaust conduit construction. 2,310,771; Feb. 9.
- Franz, Anselm, Dessau, Germany; vested in the Alien Property Custodian. Cooling exhaust conduits. 2,312,399; Mar. 2.

- Franz, Anselm, Dessau, and S. Decher, Dessau-Siedlung, Germany; vested in the Alien Property Custodian. Reinforcing exhaust conduits. 2,308,913; Jan. 19.
- Franz, Ernest R., Alhambra, Calif., assignor to Shell Development Company, San Francisco, Calif. Oil well pump control system. 2,336,083; Dec. 7.
- Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,337,383; Dec. 21.
- Franz, Henry H. (See Stewart, R. J., and Franz.)
- Franzen, Ruben A., assignor to Mechanical Die and Tool Company, Inc., Brooklyn, N. Y. Cutter grinder. 2,332,510; Oct. 26.
- Fraps, Anton W. (See Bauer, E. E., and Fraps.)
- Fraps, Julius P., Yeadon, Pa., assignor to General Electric Company. Antipump control of electric switches. 2,335,660; Nov. 30.
- Fraser, Charles E., Kew Gardens, N. Y. Filter channel scraper. 2,315,252; Mar. 30.
- Fraser, Charles E., Kew Gardens, N. Y. Filter bed cleaner with connected wash water boxes. 2,315,253; Mar. 30.
- Fraser, Charles E., Kew Gardens, N. Y. Filter bed cleaner with rotary agitator. 2,315,254; Mar. 30.
- Fraser, Charles E., Kew Gardens, N. Y. Rake and cleaner for filter beds. 2,335,749; Nov. 30.
- Fraser Companies Limited. (See Warren, David, assignor.)
- Fraser, Douglas, & Sons Limited. (See Fraser, Gordon S., assignor.)
- Fraser, Gordon S., assignor to D. Fraser & Sons Limited, Arbroath, Angus, Scotland. Wharve-driven flier spindle. 2,310,685; Feb. 9.
- Fraser, Harold M., assignor to International Lubricant Corporation, New Orleans, La. Production of lubricants containing lead soap of hydrogenated ricinoleic acid. 2,308,599; Jan. 19.
- Fraser, Kenneth G. (See Stillwagon, George B., Jr., assignor.)
- Fraser, Kenneth G., Dayton, Ohio. Propeller hub. 2,333,166; Nov. 2.
- Fraser, Robert B., Ventura, Calif. Valve for oil well swabs. 2,324,689; July 20.
- Frass, Hugo. (See Koppelman, F., Frass, and Penk.)
- Frawley, Robert N. (See Rassweiler, G. M., and Frawley.)
- Frazier, Guernsey, Los Angeles, Calif. Container having retarding means. 2,324,146; July 13.
- Frazier-Naeh, Archibald G., Tolworth, England. Valved coupling. 2,320,456; June 1.
- Frazier, Harold A., Paterson, N. J. Airplane blade pitch-control. 2,322,352; June 22.
- Frazier, Raymond L. (See Lazar, A., Ruedrich, and Frazier.)
- Frazier, Robert T., assignor to Cavalier Corporation, Chattanooga, Tenn. Electric range circuit. 2,327,632; Aug. 24.
- Frazier, Russell W. (See Allhouse, H. A., Button, and Frazier.)
- Frazier, Sherman W., Washington, D. C., assignor to The Nik-O-Lok Company, Indianapolis, Ind. Coin operated door lock. 2,324,920; July 20.
- Frazier, Sherman W., and J. B. Hendrix, Washington, D. C. Target apparatus. 2,324,294; July 13.
- Frazier, Troy R., Covington, Ky. Aerial toy. 2,321,904; June 15.
- Frearson, Thomas B. (See Jackson, T., and Frearson.)
- Freese, Thurston F. (See Smith, Roy H., assignor.)
- Fred Goat Co., The. (See Baker, Harry L., assignor.)
- Fred Goat Co., The. (See Mansbendel, Fritz P., assignor.)
- Fred, Selin A., assignor to Heywood-Wakefield Company, Gardner, Mass. Wheel mounting. 2,323,813; July 6.
- Frede, Charles F. (See Schleicher, E. J., and Frede.)
- Frede, Carl F., Munkfors, Sweden. Guard grating for turbine plants. 2,327,703; Aug. 24.
- Fredendall, Gordon L., Westmont, N. J., assignor to Radio Corporation of America. Signal transmission system. 2,330,965; Oct. 5.
- Frederick, Charles A., Wheatland, Ind. Electric fence controller. 2,319,056; May 11.
- Frederick Post Company, The. (See Hinman, W. M., and Hoffmann, assignors.)
- Frederick, Robert R., Cheltenham, and A. W. Awot, Upper Darby, Pa., assignors to Sloane-Blabon, Trenton, N. J. Securing ends to tubes. 2,324,572; July 20.
- Frederick, Walter B., Oakford, and T. J. Kelley, Philadelphia, Pa., assignors to Sloane-Blabon, Trenton, N. J. Printing floor coverings. 2,324,573; July 20.
- Fredericksburg Implement Co. (See Kott, Louis, assignor.)
- Fredericksen, Carl J. (See Anderson, R. L., Fredericksen, Johnson, and Paradise.)
- Fredericksen, Carl S., Jensen, Fla. Adjustable handle. 2,326,023; Aug. 3.
- Fredericksen, Herman, assignor to Cooper's, Incorporated, Kenosha, Wis. Undergarment. 2,313,992; Mar. 16.
- Fredericksen, Vernon P. (See Swanson, E. C., Fredericksen, and Gaskell.)
- Fredericksen, Ernst W., Stockholm, Sweden. Work clamping device. 2,325,387; July 27.
- Frederickson, Otto A., Glen Ridge, N. J., assignor to National Electric Products Corporation. Armored cable. 2,308,274; Jan. 12.
- Frederiksen, Carl J. (See Colvin, N. D., and Frederiksen.)
- Free, Gerhard. (See Michael, W., Goehre, Free, v. Fuener, and Schneider.)
- Free, Gerhard. (See Pier, M., and Free.)
- Free, Gerhard. (See Pier, M., Fuener, and Free.)
- Free, Gerhard. (See Pier, M., Peters, and Free.)
- Free, Gerhard, and W. v. Fuener, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Production of hydrocarbons from carbonaceous materials, especially by cracking hydrocarbon oils. 2,334,871; Nov. 23.
- Free, Gerhard, and W. v. Fuener, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Catalytic conversion of hydrocarbons. 2,334,872; Nov. 23.
- Freedland, Max, New York, N. Y., assignor to Empire Shield Co., Inc. Utility bag. 2,326,452; Aug. 10.
- Freedlander, Abraham L., assignor to The Dayton Rubber Mfg. Company, Dayton, Ohio. Manufacturing wrapped belts. 2,336,084; Dec. 7.
- Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Making belts. 2,336,149; Dec. 7.
- Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Manufacturing belts. 2,337,985; Dec. 28.
- Freedman, Harry. (See Susskind, Julius, assignor.)
- Freedman, Benjamin H., Asbury Park, N. J. Printing mechanism. 2,307,033; Jan. 5.
- Freedman, Benjamin H., Asbury Park, N. J. Supporting frame for record sheets. 2,312,331; Mar. 2.
- Freedman, Benjamin H., Asbury Park, N. J. Safety razor. 2,326,774; Aug. 17.
- Freedman, Benjamin H., Asbury Park, N. J. Machine for making theater tickets. 2,331,316; Oct. 12.
- Freeland, John W., San Francisco, and H. T. Byck, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Oil well drilling fluid. 2,336,171; Dec. 7.
- Freeland, Orville F., North Muskegon, and J. J. Yopst, Muskegon, Mich., assignors to Anaconda Wire & Cable Co., New York, N. Y. Coating wire. 2,335,930; Dec. 7.
- Freeland Spool and Bobbin Corp. (See Markle, George B., Jr., assignor.)
- Freeman, Alfred B., San Diego, Calif. Safety fish hook. 2,317,900; Apr. 27.
- Freeman, Annie R., Jamaica, N. Y. Hair drying hood. 2,328,207; Aug. 31.
- Freeman, Benjamin W., Cincinnati, Ohio, and F. S. Knight, Boston, Mass., said Knight assignor to said Freeman. Ornamenting machine. 2,312,330; Mar. 2.
- Freeman, George A., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Long life high pressure lamp. 2,330,042; Sept. 21.
- Freeman, George S. P., Hammersmith, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electrical time delay means. 2,312,033; Feb. 23.
- Freeman, Harry E., Pittsburgh, Pa. Electric heater for oil wells. 2,332,708; Oct. 26.
- Freeman, Harry J., Columbus, Ohio, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Structure straightener. 2,334,081; Nov. 9.
- Freeman, Henry G., Granite City, Ill. Ladle. 2,328,267; Aug. 31.
- Freeman, Herbert H., Minneapolis, Minn. Fence panel. 2,329,259; Sept. 14.
- Freeman, Herbert H., Minneapolis, Minn. Vertically adjustable fence panel. 2,329,260; Sept. 14.
- Freeman, Herbert H., Minneapolis, Minn. Pendulous fence panel. 2,329,261; Sept. 14.
- Freeman, Horace, Three Rivers, Quebec, Canada, assignor to Nichols Engineering & Research Corporation, New York, N. Y. Method and apparatus for separating heavy particles from paper pulp suspensions. 2,312,706; Mar. 2.
- Freeman, Howard G. (See Kendall, H. C., and Freeman.)
- Freeman, Howard G., assignor to Rockwood Sprinkler Company, Worcester, Mass. Valve. 2,337,321; Dec. 21.
- Freeman, Howard G., and F. Hencinski, assignors to Rockwood Sprinkler Company, Worcester, Mass. Making nozzles. 2,318,769; May 11.
- Freeman, Louis G., Jr., assignor to The Louis G. Freeman Company, Cincinnati, Ohio. Adjustable die. 2,328,876; Sept. 7.
- Freeman, Louis G., Company, The. (See Ducklo, Robert L., assignor.)
- Freeman, Louis G., Company, The. (See Freeman, Louis G., Jr., assignor.)
- Freeman, Malcolm H., Maryville, Tenn., assignor to Aluminum Company of America, Pittsburgh, Pa. Coil handling apparatus. 2,325,121; July 27.
- Freeman, Richard D. (See Collings, W. R., Freeman, and Upright.)
- Freeman, Richard D. (See Young, A. E., and Freeman.)
- Freeman, Richard D., Westfield, N. J., assignor to American Can Company, New York, N. Y. Container. 2,313,059; Mar. 9.

- Freeman, Richard D., F. C. Peterson, and G. K. Greminger, Jr., assignors to The Dow Chemical Company, Midland, Mich. Greaseproof paper. 2,308,692; Jan. 19.
- Freeman, Richard D., and G. P. Schmelter, assignors to The Dow Chemical Company, Midland, Mich. Polymerization process. 2,328,333; Aug. 31.
- Freeman, Richard D., and M. J. Roberts, assignors to The Dow Chemical Company, Midland, Mich. Preparing solutions of cellulose glycolic acid salts. 2,331,858; Oct. 12.
- Freeman, Richard M. D., Goldsboro, N. C. Garment hanger. 2,318,770; May 11.
- Freeman, Robert E. (See Stempel, H. K., and Freeman.)
- Freeman, Robert E., Flushing, and B. F. Tyson, Bayside, N. Y., assignors to Razelinge Corporation. Ultra-high-frequency carrier-signal translating system. 2,321,478; June 8.
- Freeman, Samuel, assignor to W. Finkelstein, New York, N. Y., doing business as Eastern Trading Company. Hair-curling device. 2,308,653; Jan. 19.
- Freeman, Stephen E., Wauwatosa, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Extraction of free fatty acids. 2,313,626; Mar. 9.
- Freeman, Stephen E., Wauwatosa, Wis., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Liquid phase extraction of glyceride oils and acids. 2,316,512; Apr. 13.
- Freeman, Walter R., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake control mechanism. 2,313,232; Mar. 9.
- Freeman, Walter R., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Ratio changing brake actuating system. 2,321,479; June 8.
- Freeman, Walter R., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake actuating system. 2,328,637; Sept. 7.
- Freeman, Walter R., Clayton, and C. B. Pites, St. Louis, Mo., assignors to Wagner Electric Corporation, St. Louis, Mo. Oil economizing system for compressors. 2,311,655; Feb. 23.
- Freeport Sulphur Company. (See Axelrad, B. A., and Powell, assignors.)
- Freeport Sulphur Company. (See Barnett, Maxwell M., assignor.)
- Freeport Sulphur Company. (See Barnett, M. M., and Brown, Jr., assignors.)
- Freeport Sulphur Company. (See Chatelain, J. B., and Cain, assignors.)
- Freer, Lloyd W., Superior, Wis. Game. 2,310,686; Feb. 9.
- Freer, Phelps M., Detroit, Mich. Brake. 2,311,528; Feb. 16.
- Freer, Phelps M., Detroit, Mich. Brake. 2,311,529; Feb. 16.
- Freer, Phelps M., Detroit, Mich. Brake. 2,311,530; Feb. 16.
- Freer, Phelps M., Detroit, Mich. Brake. 2,317,599; Apr. 27.
- Freer, Phelps M., Detroit, Mich. Brake. 2,328,334; Aug. 31.
- Freese, Gerald J. (See Dorfman, H. D., and Freese.)
- Fregeolle, Donat H. (See St. Pierre, E., and Fregeolle.)
- Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Knitting machine and method. 2,310,070; Feb. 2.
- Fregeolle, Oscar, Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitted fabric and method. 2,311,166; Feb. 16.
- Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Knitted fabric. 2,313,332; Mar. 9.
- Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Knitted fabric and method. 2,323,988; July 13.
- Fregeolle, Oscar, assignor to Hemphill Company, Central Falls, R. I. Yarn feeding and controlling means for knitting machines. 2,337,187; Dec. 21.
- Frel, Jakob R., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Radio shielded ignition apparatus. 2,312,757; Mar. 2.
- Frel, Jakob R., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Switch. 2,323,389; July 6.
- Frel, John, Jr., Chicago, Ill., assignor to The W. S. Gilkey Printing Company, Cleveland, Ohio. Apparatus for slitting paper. 2,324,380; July 13.
- Frel, Josef L., Chicago, Ill. Steel chair cushion. 2,326,937; Aug. 17.
- Frel, Jost. (See Graenacher, C., Streuli, and Frel.)
- Freiberg, John L., Cincinnati, Ohio. Starting device for electric motor. 2,330,344; Sept. 28.
- Freiberg, Stanley B., Cincinnati, Ohio. Bookkeeping or accounting aid. 2,323,462; July 6.
- Freilich, Jacob, Bronx, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Manufacture of baked goods. 2,326,134; Aug. 10.
- Freitas, Joaquin C., Honolulu, Hawaii. Agitator for washing machines. 2,307,458; Jan. 5.
- Fremeau, Louis J., Odessa, Tex. Parachute tool. 2,335,589; Nov. 30.
- Fremlin, John H., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge apparatus. 2,320,860; June 1.
- French, Edward H., Columbus, Ohio. Distillation apparatus. 2,332,215; Oct. 19.
- French, Gordon C., Yonkers, N. Y. Emergency plug for water pipes. 2,322,842; June 29.
- French, James W., assignor to Barr and Stroud, Limited, Anniesland, Glasgow, Scotland. Optical sighting apparatus. 2,336,239; Dec. 7.
- French, Henry C. (See Schmidt, H. L., and French.)
- French, Henry C., Elm Grove, assignor to The Heil Co., Milwaukee, Wis. Scraper. 2,315,092; Mar. 30.
- French, Henry C., Elm Grove, assignor to The Heil Co., Milwaukee, Wis. Bottom dump trailer wagon. 2,316,412; Apr. 13.
- French, Henry C., Elm Grove, assignor to Arnold Dryer Co., Milwaukee, Wis. Dehydrating apparatus. 2,319,673; May 18.
- French, Henry C., Elm Grove, assignor to The Heil Co., Milwaukee, Wis. Hydraulic steering gear. 2,321,377; June 8.
- French, Henry C., Elm Grove, assignor to The Heil Co., Milwaukee, Wis. Wrench assembly. 2,321,903; June 15.
- French, Henry C., Elm Grove, assignor to The Heil Co., Milwaukee, Wis. Scraper latch. 2,332,628; Oct. 26.
- French, Henry C., Elm Grove, assignor to The Heil Co., Milwaukee, Wis. Hydraulic steering gear. 2,334,918; Nov. 23.
- French, Henry C., Elm Grove, and H. L. Schmidt, assignors to The Heil Co., Milwaukee, Wis. Rotary drier. 2,319,674; May 18.
- French, Henry C., Schenectady, N. Y., assignor to General Electric Company. Slip ring assembly. 2,322,011; June 15.
- French, John, Chicago, Ill. Bicycle tail and stop light. 2,307,581; Jan. 5.
- French, Joseph S., Glendale, Calif. Container. 2,319,674; May 18.
- French, Louis O., Milwaukee, Wis. Spray nozzle. 2,308,504; Jan. 19.
- French Oil Mill Machinery Company, The. (See Stacy, Thomas F., assignor.)
- French Oil Mill Machinery Company, The. (See Upton, Charles B., assignor.)
- French, Preston W., Wilkinsburg, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Formation of thin films upon glass surfaces. 2,337,460; Dec. 21.
- French, Thomas, & Sons, Ltd. (See Gibbons, Edwin J., assignor.)
- Frenkel, Joseph. (See Petitcolas, P., and Frenkel.)
- Frenzled, Walimuth R., assignor to University National Bank, Seattle, Wash., as trustee. Cleaner's form for sizing garments. 2,326,775; Aug. 17.
- Fress, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. Overload cutout for electric circuits. 2,326,529; Aug. 10.
- Freshman, A. E., Company. (See Freshman, Aubrey E., assignor.)
- Freshman, Aubrey E., St. Louis, Mo., assignor to A. E. Freshman Company. Sink cabinet. 2,323,589; July 6.
- Frey, Nathan F., Royal Oak, Mich. Sealing means. 2,310,059; Apr. 6.
- Fretz, Hans. (See Burt, Ernst, assignor.)
- Freud, Joseph, Chicago, and R. P. Kildson, Wheaton, Ill. Combined food and beverage server. 2,307,882; Jan. 12.
- Freund, Berthold G., Astoria, assignor to Central Hanover Bank and Trust Company, New York, N. Y. Dehydration process. 2,329,600; Sept. 14.
- Freund, Ernest, New York, N. Y. Copolymerization product of cellulose compound and preparing same. 2,336,985; Dec. 14.
- Freund, Henry H., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sized synthetic linear polyamide yarn. 2,312,469; Mar. 2.
- Freund, Robert A. (See Drexler, C., and Morgan, assignors.)
- Freundlich, Albert, assignor to Spiral Binding Company, Inc., New York, N. Y. Spirally bound book. 2,336,856; Dec. 14.
- Frevert, Harry L., and F. B. Foley, Philadelphia, assignors to The Midvale Company, Philadelphia, Pa. Nonmagnetic ring composition. 2,334,816; Nov. 23.
- Frey, Albert A., Wheeling, W. Va. Separating medium or refractory paint for steel sheets. 2,308,070; Jan. 12.
- Frey, Charles N. (See Atkin, L., Schultz, and Frey.)
- Frey, Charles N. (See Freilich, J., and Frey.)
- Frey, Charles N. (See Johnston, W. R., Gore, and Frey.)
- Frey, Charles N. (See Johnston, W. R., Stokes, Kennedy and Frey.)
- Frey, Charles N. (See Kirby, G. W., Johnston, and Frey.)
- Frey, Charles N. (See Schultz, A. S., Atkin, and Frey.)
- Frey, Christopher J., Forest Hills, assignor to Brewster Aeronautical Corporation, Long Island City, N. Y. Sorting apparatus. 2,320,227; May 25.
- Frey, Christopher J., Forest Hills, and S. Thomas, Astoria, Long Island, assignors to Brewster Aeronautical Corporation, Long Island City, N. Y. Forming sheet metal. 2,321,075; June 2.
- Frey, Conrad. (See Klinkenstein, G., Dannerth, and Frey.)

- Frey, Conrad. (See Klinkenstein, G. Frey, and Tuttle.)
Frey, Delton R., East Cleveland, assignor to The Lubri-
Zol Corporation, Wickliffe, Ohio. Lubricant. 2,320,228;
May 25.
- Frey, Fran, Los Angeles, Calif. Reading lamp.
2,336,677; Dec. 14.
- Frey, Francis C., Los Angeles, Calif. Film drier.
2,327,100; Aug. 17.
- Frey, Frederick E. (See Morey, G. H., and Frey.)
- Frey, Frederick E. (See Oberfell, G. G., and Frey.)
- Frey, Frederick E., Bartlesville, Okla., assignor to
Phillips Petroleum Company. Manufacture of gaso-
line. 2,312,539; Mar. 2.
- Frey, Frederick E., assignor to Phillips Petroleum Com-
pany. Bartlesville, Okla. Converting hydrocarbons.
2,314,040; Mar. 16.
- Frey, Frederick E., Bartlesville, Okla., assignor to Phillips
Petroleum Company. Hydrocarbon derivative.
2,314,335; Mar. 23.
- Frey, Frederick E., Bartlesville, Okla., assignor to Phillips
Petroleum Company. Conversion of hydrocarbons.
2,317,901; Apr. 27.
- Frey, Frederick E., Bartlesville, Okla., assignor to Phil-
lips Petroleum Company. Conversion of hydrocarbons.
2,322,800; June 29.
- Frey, Frederick E., Bartlesville, Okla., assignor to Phil-
lips Petroleum Company. Production of motor fuel.
2,327,633; Aug. 24.
- Frey, Frederick E., Bartlesville, Okla., assignor to Phil-
lips Petroleum Company. Hydrocarbon conversion and
polymerization. 2,330,118; Sept. 21.
- Frey, Frederick E., Bartlesville, Okla., assignor to
Phillips Petroleum Company. Motor fuel production.
2,336,005; Dec. 7.
- Frey, Frederick E., and H. J. Hepp, Bartlesville, Okla.,
assignors to Phillips Petroleum Company. Producing
hydrocarbons. 2,327,634; Aug. 24.
- Frey, Irvin J., Lewwood, Ohio, assignor to The Singer
Manufacturing Company, Elizabeth, N. J. Trimmer
mechanism for sewing machines. 2,323,750; July 6.
- Frey, Lester C., Cincinnati, assignor to The American
Laundry Machinery Company, Norwood, Cincinnati,
Ohio. Handkerchief duffer. 2,311,938; Feb. 23.
- Frey, Louis E., assignor, by mesne assignments, to N. A.
Henderson, Albany, N. Y. Picture hook. 2,317,368;
Apr. 27.
- Frey, Louis E., assignor, by mesne assignments, to N. A.
Henderson, Albany, N. Y. Picture hook. 2,334,700;
Nov. 23.
- Frey, Walter, and P. Krekel, Brandenburg, Havel, Ger-
many; vested in the Alien Property Custodian. Press
and tool structure for forming cavities in metal plate.
2,330,572; Sept. 28.
- Fryen Engineering Company. (See Fox, Gordon, as-
signor.)
- Fryen Engineering Company. (See Whitcomb, A. J., and
Fox, assignors.)
- Freytag, Fritz, Dessau, Germany; vested in the Alien
Property Custodian. Airplane construction
2,315,117; Mar. 30.
- Friberg, Bengt F., assignor to Laclede Steel Company, St.
Louis, Mo. Form for casting concrete floor beams.
2,318,214; May 4.
- Frick Company. (See De Markus, L., and Buehler, as-
signors.)
- Frick Company. (See Shenton, F., and Buehler, as-
signors.)
- Frick, William H. (See Meacham, B. E., and Frick.)
- Frick, William H., Cleveland, Ohio, assignor to American
Stove Company, St. Louis, Mo. Range. 2,337,095;
Dec. 21.
- Fricke, Dot L., executrix. (See Booty, Philip C. P.,
assignor.)
- Fricke, Guy C. (See Cox, P. G., Black, and Fricke.)
- Fricke, Leslie W. (See Booty, Philip C. F., assignor.)
- Frico Products Corporation. (See Horton, Erwin C., as-
signor.)
- Friden Calculating Machine Co. (See Dennis, Adolphus
S., assignor.)
- Friden Calculating Machine Co. (See Friden, Carl M.,
assignor.)
- Friden Calculating Machine Co. (See Friden, C. M., and
Carroll, Jr., assignors.)
- Friden Calculating Machine Co. (See Friden, C. M., and
Machado, assignors.)
- Friden Calculating Machine Co. (See Friden, Carl M. F.,
assignor.)
- Friden Calculating Machine Co. (See Friden, C. M. F.,
and Gemmell, assignors.)
- Friden Calculating Machine Co., Inc. (See Moody, John
L., assignor.)
- Friden Calculating Machine Co. (See Pinyan, Neal B.,
assignor.)
- Friden, Carl M., Pleasanton, Calif., assignor to Friden
Calculating Machine Co., Inc. Calculating machine.
2,313,817; Mar. 16.
- Friden, Carl M., Pleasanton, Calif., assignor to Friden
Calculating Machine Co., Inc. Calculating machine.
2,315,780; Apr. 6.
- Friden, Carl M., Oakland, Calif., assignor to Friden Calcu-
lating Machine Co., Inc. Calculating machine.
2,325,388; July 27.
- Friden, Carl M., Oakland, Calif., assignor to Friden-Cal-
culating Machine Co., Inc. Calculating machine.
2,327,635; Aug. 24.
- Friden, Carl M., and F. C. Carroll, Jr., Oakland, Calif.,
assignors to Friden Calculating Machine Co., Inc. Calcu-
lating machine. 2,313,354; Feb. 16.
- Friden, Carl M., Pleasanton, and A. B. Machado, Oakland,
Calif., assignors to Friden Calculating Machine Co.,
Inc. Carriage shift mechanism for calculating ma-
chines. 2,331,829; Oct. 12.
- Friden, Carl M. F., Oakland, Calif., assignor to Friden
Calculating Machine Co., Inc. Calculating machine.
2,310,280; Feb. 9.
- Friden, Carl M. F., Oakland, Calif., assignor to Friden
Calculating Machine Co., Inc. Calculating machine.
2,310,281; Feb. 9.
- Friden, Carl M. F., Oakland, Calif., assignor to Friden
Calculating Machine Co., Inc. Calculating machine.
2,327,981; Aug. 31.
- Friden, Carl M. F., and J. H. Gemmell, Oakland, Calif.,
assignors to Friden Calculating Machine Co., Inc.
Calculating machine. 2,327,704; Aug. 24.
- Friden, John H., Maplewood, assignor to The Sun Tube
Corporation, Hillside, N. J. Collapsible tube apparatus.
2,309,696; Feb. 2.
- Friden, John H., Maplewood, assignor to The Sun Tube
Corporation, Hillside, N. J. Collapsible tube filling and
sealing machine. 2,310,413; Feb. 9.
- Friden, John H., Maplewood, assignor to The Sun Tube
Corporation, Hillside, N. J. Notching machine and
method. 2,320,272; May 25.
- Friden, John H., Maplewood, assignor to The Sun Tube
Corporation, Hillside, N. J. Supporting collapsible
tubes. 2,338,032; Dec. 28.
- Friebe, Hermann, Jena, Germany; vested in the Alien
Property Custodian. Film feed mechanism for photo-
graphic cameras. 2,335,402; Nov. 30.
- Fried, Armin, Los Angeles, Calif. Tool for chamfering,
recessing, and the like. 2,314,084; Mar. 16.
- Fried, Jerome A., Ithaca, N. Y. Toolmaker's compass.
2,318,384; May 4.
- Fried, Josef. (See Elderfield, R. C., and Fried.)
- Fried, Samuel W., et al trustees. (See Warner, M. P.,
and Liese.)
- Friedberg, Charles C., assignor, by mesne assignments,
to Curtin Co., New York, N. Y. Drape curtain.
2,329,462; Sept. 14.
- Friedrich, Alfred, Berlin-Wilmersdorf, and R. Wieland,
Berlin-Karlshorst, Germany; vested in the Alien Prop-
erty Custodian. Mechanical-electrical drive for bob-
bin-spinning machines. 2,335,003; Nov. 23.
- Frieders, Robert T. (See Sullivan, O. J., and Frieders.)
- Friedheim, Ernst A. H., New York, N. Y., assignor to
Farke, Davis & Company, Detroit, Mich. 1,3,5-triazinyl-
(6)-aminophenyl-arsenic compound. 2,334,321; Nov.
16.
- Friedl, George, Jr., Fanwood, N. J., assignor to Inter-
national Projector Corporation, New York, N. Y.
Cinet. 2,337,159; Dec. 21.
- Friedman, Aaron, assignor to Joe Lowe Corporation, New
York, N. Y. Apparatus for making variegated ice creams
or similar substances. 2,313,060; Mar. 9.
- Friedman, Abraham, New York, N. Y. Two piece waist-
line belt for uniforms and other garments. 2,327,881;
Aug. 24.
- Friedman, Benjamin, New York, N. Y. Interchangeable
toothbrush. 2,326,632; Aug. 10.
- Friedman, Bernard S., assignor to Universal Oil Products
Company, Chicago, Ill. Treatment of hydrocarbon oils.
2,334,159; Nov. 9.
- Friedman, David. (See Levy, D., and Friedman.)
- Friedman, Emery G., Tampico, Mexico. Indicator.
2,328,208; Aug. 31.
- Friedman, George, Brightwaters, and A. R. Goldfarb,
assignors to Lawrence Richard Bruce, Inc., New York,
N. Y. Hair treating compositions. 2,310,687; Feb. 9.
- Friedman, Harris L. (See Tisza, E. T., Duesel, and
Friedman.)
- Friedmann, Hugo, Astoria, N. Y. Removable adjusting
attachment for drawing compasses and the like.
2,326,135; Aug. 10.
- Friedman, Joseph, et al. (See Kaplan, Ludwig, as-
signor.)
- Friedman, Meyer, New York, N. Y. Pocket for garments.
2,323,390; July 6.
- Friedman, Sol, New York, N. Y. Slip. 2,318,771; May
11.
- Friedman, Werther, assignor to I. Schneerson & Sons,
Inc., New York, N. Y. Woman's slip or similar gar-
ment. 2,335,751; Nov. 30.
- Friedrich, Albert, and O. Goppel, Stuttgart-Bad Cannstatt,
Germany; vested in the Alien Property Custodian.
Arrangement of auxiliary devices for internal com-
bustion engines. 2,319,514; May 18.
- Friedrich, Walter H. (See Lyman, H. J., Mills, and
Friedrich.)
- Friedrichs, Werner, and H. Gefcken, Berlin-Charlotten-
burg, Germany; vested in the Alien Property Custodian.
Device for producing tubular bodies. 2,331,969;
Oct. 19.
- Friel, James C., Beverly, Mass. Safety razor. 2,337,595;
Dec. 28.

- Friend, Robert E., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Lighting fixture. 2,309,058; Jan. 19.
- Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Steam generator. 2,313,061; Mar. 9.
- Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Method and apparatus for temperature regulation. 2,319,223; May 18.
- Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,331,187; Nov. 16.
- Frisch, Martin, assignor to Foster Wheeler Corporation, New York, N. Y. Pulverizing system. 2,335,853; Dec. 7.
- Frisch, William F., Pittsfield, Mass., assignor to General Electric Company. Condenser winding machine. 2,310,071; Feb. 2.
- Friswell, Robert R., assignor to The Barr Rubber Products Company, Sandusky, Ohio. Indestructible form for use in the production of inflatable seamless articles. 2,310,362; Feb. 9.
- Fritsch, Frank M., and L. B. Fritsch, assignors to The Eagle Woodware Manufacturing Company, Hamilton, Ohio. Mop wringer. 2,328,797; Sept. 7.
- Fritsch, Lawrence B. (See Fritsch, F. M. and L. B.)
- Fritsch, William W., Manhattan, N. Y., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,332,907; Oct. 26.
- Fritzsche, Arthur, University City, Mo., assignor to American Smelting and Refining Company, New York, N. Y. Multiple-bar, self-dumping mold. 2,330,277; Sept. 28.
- Fritts, George L., Torrance, Calif. Device for gripping rods and pipes. 2,313,821; Mar. 23.
- Fritz, Kenneth R., Bristol, Conn., assignor to The Sessions Clock Company, Forestville, Conn. Bearing for miniature electric motors. 2,317,902; Apr. 27.
- Fritzman, Harry E., Jamaica, and M. J. Broun, Forest Hills, assignors to Otis Elevator Company, New York, N. Y. Elevator car. 2,310,414; Feb. 9.
- Fritze, Otto, (See Edlmann, A., and Fritze.)
- Fritzinger, George H., Bloomsbury, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electric current distributor. 2,321,805; June 15.
- Fritzsch, Frank A., assignor to The Lodge & Shipley Machine Tool Company, Cincinnati, Ohio. Tool moving means. 2,308,417; Jan. 12.
- Fritzsch, Frank A., assignor to The Lodge & Shipley Machine Tool Company, Cincinnati, Ohio. Taper mechanism. 2,315,846; Apr. 6.
- Fritzsch, Frank A., assignor to The Lodge & Shipley Machine Tool Company, Cincinnati, Ohio. Lathe tailstock. 2,331,385; Oct. 12.
- Fritzsche, Alfred. (See Morris, Harry, assignor.)
- Froehlich, Jureoslav, Basel, E. Stocklin, Binningen, and R. Tobler, Hohen, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Indigoid dyestuffs and making same. 2,315,195; Mar. 30.
- Froehlig, Rudolph A., Little Neck, assignor to Badger Cut Outs, Inc., Brooklyn, N. Y. Toy. 2,334,486; Nov. 16.
- Froelcke, Ernst. (See Schaller, P., Froelcke, Meyer, Roelen, and Lüben.)
- Froelich, George E., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Stirrup for physicians' examining tables and the like. 2,308,747; Jan. 19.
- Froelich, George E., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Adjustable stand. 2,312,636; Mar. 2.
- Froelich, George E., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Physician's examining table or the like. 2,314,778; Mar. 23.
- Froelich, Gustave H., assignor to The Turner & Seymour Manufacturing Co., Torrington, Conn. Sash balance. 2,329,463; Sept. 14.
- Frohllich, Alfred. (See Albert, F., Frohllich, Schneider, and Trabert.)
- Frohllich, Alfred. (See Schneider, W., and Froelich.)
- Frohllich, Alfred, Dessau, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Production of photographic color images. 2,320,422; June 1.
- Frohllich, Alfred, and W. Schneider, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Production of colored photographic images with dyestuff formers fast to diffusion. 2,307,399; Jan. 5.
- Frohllich, Alfred, and W. Schneider, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Production of color photographic images. 2,313,138; Mar. 9.
- Frohllich, Alfred, W. Schneider, Dessau, and P. Heisel, Gersthofen, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Photographic color picture. 2,322,590; July 6.
- Frohllich, Alfred, and W. Schneider, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Photographic emulsion. 2,324,831; July 20.
- Frohllich, Alfred, and W. Schneider, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Photographic emulsion. 2,324,832; July 20.
- Froid Laboratories, Inc. (See Hoop, Fred R., assignor.)
- Frolich, Per K., (See Morrell, C. E., Frolich, and Bannon.)
- Frolich, Per K., Westfield, N. J., assignor to Standard Oil Development Company. Wax modifying agent and method for making the same. 2,322,012; June 15.
- Frolich, Per K., and A. H. Gleason, Westfield, N. J., assignors to Standard Oil Development Company. Lubricating oil. 2,317,751; Apr. 27.
- Frolich, Per K., Westfield, and B. M. Vanderbilt, Cranford, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Preparing butadiene. 2,322,122; June 15.
- Frolich, Per K., Westfield, and L. A. Bannon, Roselle, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Chlorination of high molecular weight hydrocarbons. 2,327,517; Aug. 24.
- Frolich, Per K., Westfield, and H. B. Kellogg, Union City, N. J., assignors to Standard Oil Development Company. Lubricant. 2,327,705; Aug. 24.
- Froelich, Louis H. (See Nichol, E. W., and Froelich.)
- Frosch, Carl J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Polyhexahydro-hydroquinone sebacate. 2,315,613; Apr. 6.
- Frost, Bernard J., assignor to Transparent Cover Company, Chicago, Ill. Garment bag. 2,324,072; July 13.
- Frost, Bernard J., assignor to Richards, Rogers & King, Inc., Chicago, Ill. Snap fastener. 2,325,225; Aug. 3.
- Frost, George M. (See Edwards, W. G., and Frost.)
- Frost, Gustave, Brooklyn, N. Y. Paper dispenser. 2,331,675; Oct. 12.
- Frost, John G. (See Taper, O. C., and Frost.)
- Frost, Leon J., and C. H. Commons, Jr., Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Enameling composition and the like and making the same. 2,326,348; Aug. 10.
- Frost, Orley R., Port Huron, Mich. Milking apparatus. 2,320,229; May 25.
- Frost, Paul, Munich, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Magazine loaded with different sorts of films. 2,320,722; June 1.
- Frost, Robert N., Supply Company, The. (See Endsley, Louis H., assignor.)
- Frosta, George O., Milwaukee, Wis. Soda straw package. 2,319,448; May 18.
- Frothingham, Donald M., Noroton, Conn., assignor to Perex Corporation, New York, N. Y. Apparatus for extruding metals. 2,320,671; May 25.
- Fruhan, Conrad E., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Power take-off. 2,317,957; Apr. 27.
- Frudden, Conrad E., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Pump for power lifted implements. 2,332,629; Oct. 26.
- Fruehauf, Herman, assignor to Kenworth Motor Truck Corporation, Seattle, Wash. Vehicle seat suspension. 2,308,446; Jan. 12.
- Fruehauf Trailer Company. (See Reid, Frederick M., assignor.)
- Fruit & Vegetable Processing Co. (See Wilson, William H., assignor.)
- Frunk, Otto E., assignor to Aktiebolaget Linham, Stockholm, Sweden. Producing secondary radiation diaphragms for roentgen apparatus. 2,307,883; Jan. 12.
- Fruth, Hal F., Riverside, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Dielectric material. 2,322,353; June 22.
- Fry, Benjamin W., University City, assignor to National Vendors, Inc., St. Louis, Mo. Vending machine. 2,310,072; Feb. 2.
- Fry, Benjamin W., University City, and J. Gottfried, St. Louis, Mo. Coin selector. 2,326,211; Aug. 10.
- Fry, Clifford N., Toronto, Ontario, Canada, assignor to Line Material Company, Milwaukee, Wis. Drop-out switch. Re. 2,315; May 18.
- Fry, Douglas J. (See Kendall, J. D., and Fry.)
- Fry, Henry R., Bridgeville, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Packing. 2,337,986; Dec. 28.
- Fry, Horace P., Jr., Swarthmore, Pa., assignor to American Viscose Corporation, Wilmington, Del. Spinning bucket. 2,325,763; Aug. 3.
- Fry, Lyle E. (See Champion, R. D., and Fry.)
- Fry, William R., Brookline, Pa., assignor, by mesne assignments, to Continental Screen Company, Detroit, Mich. Screen construction. 2,309,761; Feb. 2.
- Frye, Arden, deceased, by H. H. Frye, Scott County, Iowa. Power transmission means. 2,329,601; Sept. 14.
- Frye, Harry H., administrator. (See Frye, Arden.)
- Frye, Henry H., and A. R. Behnke, U. S. Navy. Breathing apparatus. 2,325,049; July 27.
- Frye, Raymond P., Chicago, Ill. Cutting tool. 2,336,986; Dec. 14.
- Fryer, Louis S. (See Kline, H. B., Fryer, and Samedyke.)
- Fryer, Louis S., and W. J. Jokilehto, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Sealing means. 2,321,546; June 8.
- Fryer, Louis S., and W. J. Jokilehto, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Flexible winding spool. 2,328,335; Aug. 31.
- Fryer, Louis S., and W. J. Jokilehto, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Fabricating flexible spools. 2,332,826; Oct. 26.
- Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preparation of butadiene copolymers. 2,313,233; Mar. 9.

- Fryling, Charles F., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Water nitrification of synthetic rubber. 2,333,242; Nov. 2.
- Frymoyer, Webster W., assignor to The Foxboro Company, Foxboro, Mass. Method of and apparatus for controlling digsters. 2,310,115; Feb. 9.
- Fuchs, Julius, assignor of forty-five per cent to J. Verhul, Cleveland, Ohio. Carburetor for explosion engines. 2,313,029; Mar. 16.
- Fuchs, Oscar M., assignor to Blaw-Knox Company, Pittsburgh, Pa. Furnace door. 2,325,945; Aug. 3.
- Fuchs, Otto, Frankfurt-on-the-Main-Hochst, Germany; vested in the Alien Property Custodian. Polymerization of acetylene. 2,316,536; Apr. 13.
- Fuchs, Walter M. (See Jahoda, Edward, assignor.)
- Fuchs, Walter M., assignor to The Pennsylvania Research Corporation, State College, Pa. Carbon. 2,312,707; Mar. 2.
- Fucini, Alois, Bardejov, Czechoslovakia; vested in the Alien Property Custodian. Coin-operated ink vending apparatus for fountain pens. 2,313,293; Mar. 9.
- Fuehrer, George H., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Controlling device. 2,312,156; Feb. 23.
- Fuehrer, George H., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Locking device for throttle valves. 2,328,446; Aug. 31.
- Fueh & Metal Research Corporation. (See Gillen, George A., assignor.)
- Fuel Refining Corporation. (See Otto, Carl, assignor.)
- Fuel Research Development Corporation. (See Chatterton, R. M., and Patten, assignors.)
- Fuener, Wilhelm v. (See Free, G., and Fuener.)
- Fuener, Wilhelm. (See Pier, M., Fuener, and Free.)
- Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic shutter. 2,308,002; Jan. 12.
- Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. 2,327,780; Aug. 24.
- Fuest, John, Jr., Glendale, N. Y. Cutting print butter. 2,331,992; Oct. 19.
- Fulcher, Harry E., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Dust bags for vacuum cleaners. 2,308,682; Jan. 19.
- Fuge, Harry B., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Food-mixer support. 2,324,990; Aug. 17.
- Fuhr, Joseph H., Elkins Park, Pa. Gauge handle. 2,337,461; Dec. 21.
- Fuhrman, Robert C. (See Hemker, H. W., and Fuhrman.)
- Fuhrmann, Warren, Kearny, N. J. Tag. 2,314,779; Mar. 23.
- Fukal, Alfred F., assignor to W. W. Welch, Cincinnati, Ohio. Plastic fan stand. 2,310,772; Feb. 9.
- Fuleher, Frank C., Kentsbank, Grange-over-Sands, England. Sealing device for journals. 2,336,474; Dec. 14.
- Fuleher, Frank C., Kentsbank, Grange-over-Sands, England. Rotary pump apparatus. 2,336,475; Dec. 14.
- Fuleher, Frank C., Grange-over-Sands, England. Rotary vane pump. 2,336,476; Dec. 14.
- Fuleher, Frank C., Kentsbank, Grange-over-Sands, England. Rotary pump apparatus of aircraft. 2,336,477; Dec. 14.
- Fulmwidder, Harry, Ponte Vedra Beach, and K. C. Weatherby, assignors to National Pressed Steel Barrel Company, Jacksonville, Fla. Container top. 2,312,637; Mar. 2.
- Fulvio Specialties Company, Inc., The. (See Clifton, Robert E., assignor.)
- Fulford Manufacturing Company. (See Kluger, Herman, assignor.)
- Fulke, Frank L., Terre Haute, Ind. Mining machine chain bit and holder therefor. 2,328,134; Aug. 31.
- Fulke, Frank L., assignor to Frank Prox Company, Inc., Terre Haute, Ind. Mining chain bit holder and bit. 2,322,920; June 29.
- Fulkerson, Hubert W. (See West, R. A., and Fulkerson.)
- Fulkerson, Richard E., assignor to The Exner-Dodge Packer Company, Coffeyville, Kans. Control head. 2,323,989; July 13.
- Fulks, Millard F., Parkburnett, Tex. Stalk cutter and cultivator. 2,335,112; Nov. 23.
- Fuller, Alfred W., Short Hills, N. J., assignor to Consolidated Edison Company of New York, Inc., New York, N. Y. Method of testing gas meters. 2,329,042; Sept. 7.
- Fuller, Arthur D., assignor to National Starch Products Inc., New York, N. Y. Modified starch. 2,317,752; Apr. 27.
- Fuller Brush Company, The. (See Cave, Henry, assignor.)
- Fuller Brush Company, The. (See Cave, H. and LeFebvre, assignors.)
- Fuller Brush Company, The. (See Jones, J. B., and Fuller Brush, assignors.)
- Fuller Brush Company, The. (See Rowland, Clarence G., assignor.)
- Fuller, Charles E., Dothan, Ala. Door or window holder. 2,310,688; Feb. 9.
- Fuller Company. (See Gaffney, Joseph B., assignor.)
- Fuller Company. (See Hornbrook, Philip R., assignor.)
- Fuller, Ernest W. (See Oushansky, E. J., and Fuller.)
- Fuller, Ernest W., Shaker Heights, assignor to The Acrotorque Company, Cleveland, Ohio. Drive mechanism. 2,317,903; Apr. 27.
- Fuller, Ernest W., Shaker Heights, assignor to The Acrotorque Company, Cleveland, Ohio. Drive mechanism. 2,330,486; Sept. 28.
- Fuller, Ernest W., Shaker Heights, assignor to The Acrotorque Company, Cleveland, Ohio. Windshield cleaning mechanism. 2,333,854; Nov. 9.
- Fuller, Ernest W., Shaker Heights, assignor to The Acrotorque Company, Cleveland, Ohio. Windshield wiper mechanism. 2,336,007; Dec. 7.
- Fuller, Ernest W., Shaker Heights, and O. Morgensen, Jr., Dayton, assignors to The Acrotorque Company, Cleveland, Ohio. Windshield wiper mechanism. 2,326,349; Aug. 10.
- Fuller, Everett W. (See Berger, H. G., Hamilton, and Fuller.)
- Fuller, Everett W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Stabilized oil composition. 2,336,006; Dec. 7.
- Fuller, Everett W., and E. M. Nygaard, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Diesel fuel. 2,314,137; Mar. 16.
- Fuller, Everett W., Woodbury, and L. A. Hamilton, Wenonah, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Stabilized mineral oil composition. 2,326,938; Aug. 17.
- Fuller, Fred R., Bay Village, Ohio. Container for pictures and the like. 2,323,532; July 6.
- Fuller, Frederic B. (See Guibert, F. W., and Fuller.)
- Fuller, Frederic E. (See Gregory, A. T., and Fuller.)
- Fuller, Frederick L., West Orange, and H. S. Beattie, East Orange, N. J., assignors to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,328,638; Sept. 7.
- Fuller, James G. (See Young, Arthur R., assignor.)
- Fuller Label & Box Company. (See Scheetz, Henry F., Jr., assignor.)
- Fuller Manufacturing Company. (See Backus, Thomas, assignor.)
- Fuller Manufacturing Company. (See Cook, Charles A., assignor.)
- Fuller, W. P., & Co. (See Acker, Harold L., assignor.)
- Fuller, W. P., & Co. (See O'Leary, Lawrence A., assignor.)
- Fullerton, George H., Laurel Park, N. C., and T. V. Moss, Hunting Valley, Ohio. Cordlike product. 2,316,060; Apr. 6.
- Fullerton, Herbert S., Philadelphia, Pa., assignor to The Baldwin Locomotive Works. Die spotting press. 2,317,851; Apr. 27.
- Fullerton, Herbert S., Philadelphia, Pa., assignor to The Baldwin Locomotive Works. Elevator. 2,317,852; Apr. 27.
- Fulmer, Charles A., Waukegan, Ill. Honing machine. 2,312,540; Mar. 2.
- Fulmer, Charles A., Waukegan, Ill. Honing machine. 2,334,758; Nov. 23.
- Fulper Pottery Company. (See Stangl, Johann M., assignor.)
- Fulson, Hiram O., Chicago, Ill. assignor to Link-Belt Company. Apparatus for rolling helicoid conveyor flight. 2,336,602; Dec. 14.
- Fulton Bag and Cotton Mills. (See Coleman, Bryson X., assignor.)
- Fulton, Chester A. (See Ten Eyck, H. S., and Fulton.)
- Fulton Company, The. (See Thorp, Joel R., assignor.)
- Fulton, Donald A., Los Angeles, Calif. Rotary pump. 2,311,334; Feb. 16.
- Fulton, Nell L., New York, N. Y. Glove hold. 2,308,166; Jan. 12.
- Fulton, Nell L., New York, N. Y. Hair curler. 2,308,167; Jan. 12.
- Fulton, Stewart C. (See Vesterdal, H. G., and Fulton.)
- Fulton, Stewart C., Elizabeth, N. J., assignor to Standard Oil Development Company. Catalytic alkylation process. 2,311,531; Feb. 16.
- Fulton Stuffer Corporation. (See Giglio, Anthony, assignor.)
- Fulton Syphon Company, The. (See Cate, Paul E., assignor.)
- Fulton Syphon Company, The. (See Giesler, Jean V., assignor.)
- Fulton, William B., Gate City, Va. Ore furnace. 2,327,101; Aug. 17.
- Ful-Vue Sales Company, The. (See Kimmel, George P., assignor.)
- Funderburg, Oscar O., et al. (See Goldwater, Samuel J., assignor.)
- Funk, Irving R. (See Porter, J. L., and Funk.)
- Funk, James M., Ottawa, Ill., assignor to Lonergan Manufacturing Company, Albion, Mich. Air conditioning and circulating apparatus. 2,413,696; Mar. 23.
- Funk, Robert V. (See Ennis, George H., assignor.)
- Funk, Russell A., Sebewaug, assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electrical connection means. 2,319,122; May 11.
- Funk, Truman E., assignor to Yard-Man, Inc., Jackson, Mich. Making lawn mower handles. 2,313,139; Mar. 9.
- Furedy, Frank, assignor to Sun-Kraft, Inc., Chicago, Ill. Therapeutic lamp. 2,327,346; Aug. 24.

- Furedy, Frank, assignor to Sun-Kraft, Inc., Chicago, Ill. Lamp circuit. 2,330,433; Sept. 28.
- Furner, Bernard, assignor to Pheardy Mills, Inc., Brooklyn, N. Y. Combined folding and feeding stitching device. 2,316,061; Apr. 6.
- Fury, Joseph R., Avonmore, Pa. Rope swivel and clamp. 2,311,043; Feb. 16.
- Furlong, Francis A., River Forest, assignor to Autogas Company, Chicago, Ill. Humidifier. 2,328,538; Sept. 7.
- Furlow, Leslie A. (See Mast, Aquila D.)
- Furman, Frank J. (See Mills, A. W., and Furman.)
- Furman, Frank J. (See Mills, A. W., Furman, and Rabinovich.)
- Furman, Harry A. (See Polln, Herbert S., assignor.)
- Furman, Sol, Brooklyn, N. Y. Convertible skirt, cape, and umbrella device. 2,319,983; May 20.
- Furnace Electric Company. (See Hansen, Gilbert H.)
- Furnas, Leto M., et al. (See Hansen, Gilbert H., assignor.)
- Furnas, William C., et al. (See Hansen, Gilbert H., assignor.)
- Furness, William H., Haddonfield, assignor to American Rayon Company, Inc., Riverton, N. J. Apparatus for the manufacture of rayon. 2,313,140; Mar. 9.
- Furness, William H., Haddonfield, assignor to American Rayon Company, Inc., Riverton, N. J. Methods of removing copper and ammonia from cuprammonium yarn. 2,322,778; June 29.
- Furness, William H., Haddonfield, assignor to American Rayon Company, Inc., Riverton, N. J. Manufacture of cuprammonium rayon. 2,322,801; June 29.
- Furney, Le Roy F., Pueblo, Colo. Headlight dimmer switch. 2,314,930; Mar. 30.
- Furse, Dean H., Arlington, and L. J. Neuman, Houston, Tex. Means and method of bringing oil wells into production. 2,328,001; Aug. 31.
- Fuscaldo, Ottavio, Milan, Italy; vested in the Alien Property Custodian. Electromagnetically controlled fuel injection. 2,310,773; Feb. 9.
- Fuscaldo, Ottavio, Milan, Italy; vested in the Alien Property Custodian. Fuel injection means for supercharged aircraft engines. 2,332,908; Oct. 26.
- Fuscaldo, Ottavio, Milan, Italy; vested in the Alien Property Custodian. Fuel injection valve apparatus. 2,332,909; Oct. 26.
- Fuse Indicator Corporation. (See Linton, William C., assignor.)
- Futral, Samuel M., Rodessa, La. Hydraulic tubing foot. 2,323,321; July 6.
- Futrell, David C., North Little Rock, Ark. Nipple sterilizer. 2,316,145; Apr. 6.
- Fyler, George W., Stratford, Conn., assignor to General Electric Company. Electron discharge amplifier. 2,335,050; Nov. 23.
- Fyler, George W., Stratford, Conn., assignor to General Electric Company. Electron discharge oscillation generator. 2,336,855; Dec. 14.
- Fyr-Fyter Company, The. (See Wright, John W., assignor.)
- G & A Laboratories, Inc. (See Hasselstrom, Torsten, assignor.)
- G & A Laboratories, Inc. (See Hasselstrom, T., and Hampton, assignors.)
- G-H Specialty Company. (See Meyer, J. J., and Jones, assignors.)
- G-H Specialty Company. (See Schmidt, E. L., and Schwabe, Jr., assignors.)
- G-M Laboratories, Inc. (See Faulkner, Frank J., assignor.)
- G-M Laboratories, Inc. (See McMaster, Archie J., assignor.)
- G & O Manufacturing Company, The. (See Mormile, Anthony R., assignor.)
- G & W Electric Specialty Co. (See Papp, Andrew E., assignor.)
- Gabalis, Julius J., Prospect Park, and F. A. Meyer, Sharon Hill, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Governing mechanism. 2,309,892; Feb. 2.
- Gabel, Arnold R., and F. L. Taylor, assignors to The Dow Chemical Company, Midland, Mich. Cellulose ether composition. 2,331,090; Oct. 5.
- Gabel, John, Evanston, assignor to The John Gabel Manufacturing Company, Chicago, Ill. Automatic phonograph. 2,326,633; Aug. 10.
- Gabel, John, Manufacturing Company, The. (See Gabel, John, assignor.)
- Gabel, Richard H., Norristown, assignor to Superior Tube Company, Philadelphia, Pa. Apparatus for making tubular electrodes. 2,322,290; June 22.
- Gabor, Dennis, Rugby, England. Electron multiplier. 2,307,035; Jan. 5.
- Gabriel, Leonard G., and J. A. Rawlinson, London, England. Bituminous base dispersion for use in the production of colored bitumen dispersions. 2,327,882; Aug. 24.
- Gabriel, Marcel. (See Guanella, G., Ernst, Lindecker, and Gabriel.)
- Gack, Karl, Erlangen, Germany; vested in the Alien Property Custodian. Supporting means for drawing boards. 2,328,135; Aug. 31.
- Gadd, Ernest R., and H. Keates, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Manufacture of nitrated steel articles. 2,334,081; Nov. 9.
- Gaddis, Roy, Cedar Rapids, assignor to M. C. Erusha, Walford, Iowa. Material distributing device. 2,317,853; Apr. 27.
- Gade, Harold F., Philadelphia, assignor to Pennsylvania Manufacturing Company, Jenkintown, Pa. Self-locking nut. Re. 22,243; Jan. 5.
- Gade, Harold F., Philadelphia, assignor to Pennsylvania Manufacturing Company, Jenkintown, Pa. Lock nut and manufacture. 2,314,780; Mar. 23.
- Gade, Harold F., Philadelphia, assignor to Pennsylvania Manufacturing Company, Jenkintown, Pa. Self-locking nut. 2,316,684; Apr. 13.
- Gaebel, Alfred, Berlin, Germany; vested in the Alien Property Custodian. Electron tube. 2,328,136; Aug. 31.
- Gaenzle, Luther E. (See Menger, F. B., and Gaenzle.)
- Gaenzle, Luther E., assignor to Armstrong Cork Company, Lancaster, Pa. Method and apparatus for the extrusion of cork compositions. 2,307,034; Jan. 5.
- Gaerner, Adolf, St. Albans, N. Y. Tea bagging machine. 2,328,039; Sept. 7.
- Gaerner, Moritz, New York, N. Y. Oil filter. 2,311,377; Feb. 16.
- Gaßers and Sattler. (See Couzens, William M., assignor.)
- Gaffney, Joseph B., Hokendauqua, assignor to Fuller Company, Catasauqua, Pa. Apparatus for cooling heated material. 2,312,034; Feb. 23.
- Gage, Charles B., Wilkes-Barre, Pa. Tampion. 2,311,167; Feb. 16.
- Gage, Edward G., Brooklyn, assignor of two thirds to L. Ottinger, New York, N. Y. Safety high potential electrical source and circuit. 2,319,594; May 18.
- Gage, John C., Kansas City, Mo. Ozone generator. 2,328,639; Sept. 7.
- Gagliardi, Stefano. (See Fillipone, Paolo, assignor.)
- Gagelin, Albert P., Fair Haven, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Aluminum-treated cast steel. 2,316,948; Apr. 20.
- Gagner, George E. (See Place, Lion C., assignor.)
- Gahan, James C., Jr., administrator. (See Miller, Gray, Jr.)
- Gail, Chester F., Brooklyn, N. Y., deceased; E. P. Gailor, administratrix. Rail anchor. 2,322,742; June 22.
- Gailor, Evelyn P., administratrix. (See Gailor, Chester F.)
- Gaines, Frederick W., 3rd, Cleveland Heights, assignor to The Ajax Manufacturing Company, Cleveland, Ohio. Wire drawing machine and method. 2,337,881; Dec. 28.
- Gaines, Frederick W., 3rd, Cleveland Heights, and W. A. Ehlert, South Euclid, assignors to The Ajax Manufacturing Company, Euclid, Ohio. Apparatus for operating on wire stock. 2,310,914; Feb. 9.
- Gaines, Frederick W., 3rd, Cleveland Heights, and W. A. Ehlert, South Euclid, assignors to The Ajax Manufacturing Company, Euclid, Ohio. Apparatus for drawing and straightening wire stock. 2,310,916; Feb. 9.
- Gair, A. Jensenia. (See Gair, Blair W., assignor.)
- Gair, Blair W., Brooklyn, N. Y., assignor of thirty-three and one-third per cent to A. Jensenia Gair, and thirty-three and one-third per cent to Estella H. Gair, Kings, N. Y. Coffee dispensing apparatus. 2,321,906; June 15.
- Gair, Estella H. (See Gair, Blair W., assignor.)
- Gair, Paul E., Weehawken, N. J. Fishing reel. 2,314,616; Mar. 23.
- Galsman, Henry J., Hartsdale, N. Y., assignor to Gillette Safety Razor Company, Boston, Mass. Razor blade. 2,313,818; Mar. 16.
- Gajewski, Ferdinand J., Linden, N. J., assignor to General Aniline & Film Corporation, New York, N. Y. Manufacture of thionurea. 2,337,882; Dec. 28.
- Galañina, y Quesada, Mariano José, Habana, Cuba. Controlling specific gravities. 2,314,822; Mar. 23.
- Galamb, Joseph, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Bracket. 2,310,416; Feb. 9.
- Galanos, Harry, et al. (See Brewer, Lewis E., assignor.)
- Galanot, Camille P., Alliance, Ohio, and J. A. Watson, Jr., Silver Spring, Md. Traction device. 2,310,846; Feb. 9.
- Galanot, Camille P., Alliance, Ohio, and J. A. Watson, Jr., Silver Spring, Md., assignors to themselves and C. L. Galanot, Alliance, Ohio, and H. F. Watson, Silver Spring, Md., as trustees. Traction device. 2,318,683; May 11.
- Galanot, Camille P., Alliance, Ohio, assignor of one-half to J. A. Watson, Jr., Silver Spring, Md. Track for track-laying vehicles. 2,332,313; Oct. 19.
- Galanot, Charles L., et al. trustees. (See Galanot, C. P., and Watson, assignors.)
- Galante, Ermano, Woburn, Mass. Drying rack for glue and the like. 2,334,322; Nov. 16.
- Galatzan, Morris A., et al. (See Eaton, Robert H., assignor.)
- Galbreath, Marion D. (See Galbreath, Paul J. and M. D.)
- Galbreath, Paul J., Kingsport, Tenn., and M. D. Galbreath, Pittsburgh, Pa. Pressing machine. 2,312,157; Feb. 23.
- Gale, Alfred J. (See Okolicsanyi, F., and Gale.)
- Gale, Walter H. (See Parrish, Hale W., assignor.)
- Galea, Edward Z., Montreal, Quebec, Canada. Measuring and drafting instrument. 2,333,307; Nov. 2.

- Galey, Henry J., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass bending apparatus. 2,317,904; Apr. 27.
- Galey, Henry J., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Skeleton mold. 2,327,883; Aug. 24.
- Galey, Henry J., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass bending apparatus. 2,303,349; Sept. 28.
- Gallani, Alfred E., Washington, D. C., Ophthalmic mounting. 2,331,021; Oct. 5.
- Galiano, Julian S., Cut Off, assignor of forty per cent to H. G. Simoneaux, Golden Meadow, La. Trap. 2,311,378; Feb. 16.
- Gallon Iron Works & Manufacturing Company, The. (See Arndt, Franklin E., assignor.)
- Gallon Iron Works & Manufacturing Company, The. (See Keeler, Raymond W., assignor.)
- Galkin, Joseph, New York, N. Y. Zigzag sewing mechanism. 2,311,222; Feb. 16.
- Galkin, Joseph, New York, N. Y. Water cycle. 2,317,905; Apr. 27.
- Gamb, Joseph, New York, N. Y. Duplex trimming mechanism. 2,333,421; Nov. 2.
- Gall, Carl, and B. J. Di Santo, Woodbridge, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Metalworking machine. 2,328,002; Aug. 31.
- Gall, Charles C., Richmond Hill, N. Y. Musical directing device. 2,325,764; Aug. 3.
- Gall, Douglas C., (See Stegert, Fritz L., assignor.)
- Gallagher, Bernard S. (See Emmons, W. J., and Gallagher.)
- Gallagher, John P., Jersey City, N. J. Cushioning device. 2,328,550; Sept. 7.
- Gallagher, John P., Jersey City, N. J. Cushioning device. 2,328,577; Sept. 7.
- Gallagher, John P., Jersey City, N. J. Draft gear. 2,328,878; Sept. 7.
- Gallagher, William P., assignor to International Register Company, Chicago, Ill. Adjustable time switch. 2,335,403; Nov. 30.
- Gallione, Samuel J., Columbus, Ohio. Container holding mechanism. 2,315,196; Mar. 30.
- Gallo, John, Boston, Mass. Sharpening device. 2,338,033; Dec. 28.
- Gallo, Michael, assignor of fifty per cent to H. E. Crook, Sr., Baltimore, Md. Electrode holder. 2,310,020; Feb. 2.
- Gallo, Sebastiano, Brooklyn, N. Y. Shoe construction. 2,308,873; Jan. 19.
- Galloway, Charles P., Palatine, assignor to Stewart-Warner Corporation, Chicago, Ill. Convertible radio cabinet. 2,337,987; Dec. 28.
- Gallo, Charles, and A. Alpaugh, Milwaukee, Wis. Fence charging device. 2,319,449; May 18.
- Galstaun, Lionel S. (See Hyde, H. Y., Viland, and Galstaun.)
- Galster, Bernhard, Berlin-Hasehorst, P. Mansel, Berlin-Lankwitz, H. Voigt, Gross Glienicke, and H. Wüsteney, Berlin-Wilmersdorf, Germany; vested in the Allen Property Custodian. Telegraphically transmitting communication. 2,335,404; Nov. 30.
- Galt, Paul T., Jr., assignor to Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Electric switching system. 2,317,266; Apr. 20.
- Galt, Paul T., Jr., Hartford, and H. E. Schleicher, West Hartford, assignors to The Arrow-Hart & Hegeman Electric Co., Hartford, Conn. Alternating switch. 2,319,810; May 25.
- Galumbeck, Bennie L., New York, N. Y. Dual flame oil burner and control system therefor. 2,315,412; Mar. 30.
- Galvin, John E., and E. A. Walcher, assignors to The Ohio Steel Foundry Company, Lima, Ohio. Casting metals. 2,334,701; Nov. 23.
- Galvin Manufacturing Corporation. (See Becwar, Rudolph A., assignor.)
- Galvin Manufacturing Corporation. (See Cairnes, William E., assignor.)
- Galvin Manufacturing Corporation. (See Holthouse, Harry B., assignor.)
- Galvin Manufacturing Corporation. (See Mitchell, Donald H., assignor.)
- Gammache, Homer, assignor of one-half to J. V. Finaldi, Newark, N. J. Paring implement. 2,321,289; June 8.
- Gammache, Homer, assignor to Borg-Warner Corporation, New York, N. Y. Culinary tool. 2,331,604; Oct. 12.
- Gambino, Joseph, assignor to The Fairmount Tool and Forging Co., Cleveland, Ohio. Dolly block construction. 2,314,617; Mar. 23.
- Gamble, Carl H., and H. E. Korum, assignors to Deere & Company, Moline, Ill. Hammer mill. 2,307,400; Jan. 5.
- Gambie, David R., Newark, and W. C. Kiefer, Corporation, Chicago, Ill. Friction clutch. 2,319,123; May 11.
- Gamble, Edward F. (See Towle, F. N., and Gambie.)
- Gambie, Lyne S., et al. (See Berry, Charles R., assignor.)
- Gamble, Paul L., Chicago, Ill. Butchering apparatus. 2,337,236; Dec. 21.
- Gammache, Frank J., deceased, Manheim Township, Lancaster County; M. Gammache, executrix, assignor to Magdalena Gammache, Country Club Heights, Lancaster, Pa. Miter box. 2,322,433; June 22.
- Gammache, Magdalena, executrix. (See Gammache, Frank J.)
- Gammell, Ernest O., Floral Park, N. Y., assignor to American Telephone and Telegraph Company. Teletypewriter selection system. 2,315,413; Mar. 30.
- Gammeter, John R., Akron, Ohio. Apparatus for testing thin rubber articles. 2,320,516; June 1.
- Gammon, John C. (See Morgan, J. S., Gammon and Morgan, assignors.)
- Gamrod, Albert C., assignor to Eastman Kodak Company, Rochester, N. Y. Carrying case. 2,308,003; Jan. 12.
- Gane, Leonard W. (See Bowen, K. H., and Gane.)
- Ganis, Harry J., Winchester, Va. Marine mine destroyer. 2,314,781; Mar. 23.
- Gann, Raymond L., Chicago, Ill., assignor to Rheem Manufacturing Company, Richmond, Calif. Spot welder electrode holder. 2,332,789; Oct. 26.
- Gannett, Danforth K., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,307,834; Jan. 12.
- Gano, Alfred S., Rochester, assignor to Press Association, Inc., New York, N. Y. Electrical compensation for tone distortion in electromechanical engraving. 2,331,770; Oct. 12.
- Gan, W. Merritt, W. J., Denver, Colo. Perspirationproof means for hats and the like. 2,331,545; Oct. 12.
- Gans, David M. (See Gessler, A. E., and Gans.)
- Gans, David M., Bronx, assignor to Interchemical Corporation, New York, N. Y. Rubber containing textile printing paste. 2,323,591; July 6.
- Gans, Fred W., assignor to Sloane-Blabon, Trenton, N. J. Producing linoleum products. 2,311,044; Feb. 16.
- Gans, Fred W., assignor to Sloane-Blabon, Trenton, N. J. Producing linoleum products. 2,318,215; May 4.
- Gans, Fred W., assignor to Sloane-Blabon, Trenton, N. J. Manufacture of floor coverings or the like. 2,324,574; July 20.
- Gantner, John E., Utica, N. Y. Attachment for electric razors. 2,329,891; Sept. 21.
- Gantt, Jacob P., Rock Hill, S. C. Tool for handling batteries. 2,332,998; Oct. 26.
- Ganter, Howard E., Kenmore, assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Sorting device. 2,332,790; Oct. 26.
- Ganter, Howard E., Kenmore, assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Container handling apparatus. 2,332,791; Oct. 26.
- Ganz, Henry, Ridgefield Park, assignor to Johnson & Johnson, New Brunswick, N. J. Surgical dressing unit. 2,339,262; Sept. 14.
- Gaguin, John H., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Making prewelt shoes. 2,330,823; Oct. 5.
- Garand, John C., Springfield, Mass. Abrading tool. 2,314,348; Mar. 23.
- Garand, John C., Springfield, Mass. Sight. 2,331,903; Oct. 19.
- Garand, John C., Springfield, Mass., assignor to the Government of the United States of America as represented by the Secretary of War and his successors in office. Blank ammunition firing attachment for gas operated guns. 2,330,210; Sept. 28.
- Garbe, Howard W., Hinsdale, and H. Saravalli, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Wiring fixture. 2,310,774; Feb. 9.
- Garbe, Rudolph H., Forest Park, and F. S. Wesley, Downers Grove, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Thread tapping apparatus. 2,314,138; Mar. 16.
- Garber, David S., trustee. (See De Luca, Donald, assignor.)
- Garber, James R., New York, N. Y., and J. Denequolo, Jr., Paterson, N. J. Watercraft. 2,336,987; Dec. 14.
- Garber, Thomas H., Washington, D. C., assignor to Larus and Brother Company, Inc., Henrico County, Va. Tobacco. 2,331,830; Oct. 12.
- Garberding, Waldo L., Chicago, Ill. Automatic die stop structure. 2,314,271; Mar. 16.
- Garberding, Waldo L., Chicago, Ill. Tool and die maker's lamp. 2,337,237; Dec. 21.
- Garbisch, Norbert S. (See McGregor, Rob R., assignor.)
- Garcia, Henry V., assignor to Southern Pecan Shelling Company, San Antonio, Tex. Grading and separating machine. 2,321,742; June 15.
- Gardella, Albert B. (See Ward, Raymond R., assignor.)
- Gardella, Albert B., Cleveland, and R. R. Ward, Brecksville, Ohio. Hand tool with adjustable blade. 2,329,833; Sept. 21.
- Gardenier, Clyde B., Belleville, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Gas absorbent and method for preparing the same. 2,322,206; June 22.
- Gardes, Alfred W., Evanston, Ill., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner coupling construction. 2,328,003; Aug. 31.
- Gardiner, Duncan B. and R. S. Miller, assignors to Vickers, Incorporated, Detroit, Mich. Valve device. 2,324,690; July 20.
- Gardiner, Herbert W. B. (See Bourne, W. A., and Gardiner.)
- Gardiner, Samuel J., Wichita, Kans. Recording device. 2,312,894; Mar. 2.

- Gardner, William C., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Mercury cell. 2,307,835; Jan. 12.
- Gardner, William C., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Mercury amalgam decomposition cell. 2,311,744; Feb. 23.
- Gardner, William C., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Operation of mercury cells. 2,316,685; Apr. 13.
- Gardner, William C., and J. L. Wood, Niagara Falls, N. Y., assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Mercury amalgam decomposition cell. 2,311,745; Feb. 23.
- Gardner, Winfield C. (See O'Connor, V. T., and Gardner.)
- Gardnor, Elliott W. (See Lewis, W. L., and Gardiner.)
- Gardner, Charles E., Cuyahoga Falls, assignor to Wing-foot Corporation, Akron, Ohio. Method of lining. 2,328,798; Sept. 7.
- Gardner, Clair C., Rockford, Ill. Automatic release mechanism for window sashes or the like. 2,321,591; June 15.
- Gardner, Cyril. (See Hawtin, P. R., and Gardner.)
- Gardner, Daniel, New York, N. Y., assignor, by mesne assignments, to Gardner Thermal Corporation. Electric furnace. Re. 2,274; Feb. 23.
- Gardner, Dwight H., Springfield, Mass., assignor to The American Thread Company, New York, N. Y. Bobbin case. 2,309,039; Feb. 2.
- Gardner, Edward, assignor to R. O. Hulbert, Ashtabula, Ohio. Game or puzzle device. 2,324,691; July 20.
- Gardner, Edward T., Jr., Dayton, assignor to The Gardner-Richardson Company, Middletown, Ohio. Carton with snap lock bottom closure. 2,337,039; Dec. 21.
- Gardner, Emmet G. (See Moon, H. J., and Gardner.)
- Gardner, Frank P., Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Die insert. 2,318,478; May 4.
- Gardner, Harry F., Snyder, assignor to Certain-teed Products Corporation, New York, N. Y. Set stabilized plaster. 2,310,023; Feb. 2.
- Gardner, Harry F., Snyder, assignor to Certain-teed Products Corporation, New York, N. Y. Filler composition. 2,322,930; June 29.
- Gardner, Henry A., Jr., Bethesda, Md. Officia oil product. 2,318,304; May 4.
- Gardner, John R., Houston, Tex. Float collar. 2,309,839; Feb. 2.
- Gardner, Leah L., University City, Mo. Billfold. 2,335,051; Nov. 23.
- Gardner, Percy, East Orange, N. J., assignor to Lever Bros Machine Corporation, New York, N. Y. Seam opening device. 2,307,623; Jan. 5.
- Gardner-Richardson Company, The. (See Gardner, Edward T., Jr., assignor.)
- Gardner-Richardson Company, The. (See Ringler, William A., assignor.)
- Gardner-Richardson Company, The. (See Strack, Jacob H., assignor.)
- Gardner, Robert I., Bakersfield, assignor to Richfield Oil Corporation, Los Angeles, Calif. Apparatus for determining leaks in drill pipe. 2,332,567; Oct. 26.
- Gardner, Roland M. (See Thomas, R. B., and Gardner.)
- Gardner, Roland M., Swampscott, Mass., assignor to Sylvania Electric Products Inc. Glass tube baking apparatus. 2,323,214; June 29.
- Gardner, Roland M., Swampscott, and R. L. Allen, Beverly, Mass., assignors to Sylvania Electric Products Inc. Lamp sealing apparatus. 2,336,678; Dec. 14.
- Gardner Thermal Corporation. (See Gardner, Daniel, assignor.)
- Gardner, Wallace W. (See Mowery, J. R., Jr., and Gardner.)
- Gardner, Wallace W., assignor to De Walt Products Corporation, Lancaster, Pa. Saw table. 2,329,345; Sept. 14.
- Gardner, William R., Gary, Ind. Weather surface covering. 2,325,124; July 27.
- Gardner, William R., and M. V. Hamilton, Gary, Ind. Hold-down control for slab squeezers. 2,325,389; July 27.
- Gardocki, Anthony C., Jr., Milford, Conn. Stabilizer for independent front wheel suspension assembly. 2,308,748; Jan. 19.
- Gardwell Co. et al., Inc. (See Canon, H. B., and Swallow, assignors.)
- Garellick, Joseph, Hurleyville, N. Y. Chlorinator. 2,326,212; Aug. 10.
- Garelli, Adalberto, Milan, Italy; vested in the Alien Property Custodian. Brake control means. 2,317,753; Apr. 27.
- Garfield, Lewis E. (See Scott, F. L., Garfield, and Cockrum.)
- Garipey, Joseph E., assignor to United Drug Company, Boston, Mass. Carton. 2,337,596; Dec. 28.
- Garlin, Alexis N., Pittsfield, Mass., assignor to General Electric Company. Voltage control means. 2,330,043; Sept. 21.
- Garin, Leon, New York, N. Y. Washing device. 2,316,326; Apr. 13.
- Garity, William E., assignor to Walt Disney Productions, Burbank, Calif. Apparatus for use in photographing miniatures. 2,312,158; Feb. 23.
- Garity, William E., and J. N. A. Hawkins, Los Angeles, assignors to Walt Disney Productions, Burbank, Calif. Sound recording system. 2,313,867; Mar. 16.
- Garlinghouse Brothers. (See Mashon, George A., assignor.)
- Garlinghouse, Leslie H., Los Angeles, Calif. Acetylene tank cart. 2,313,868; Mar. 16.
- Garlington, William L., St. Petersburg, Fla. Electrical switch control. 2,337,713; Dec. 28.
- Garman, George W. (See Palmer, H. L., and Garman.)
- Garman, George W., Glenville, N. Y., assignor to General Electric Company. Electric valve translating system. 2,325,390; July 27.
- Garner, Carlton M., New Madrid County, Mo. Tractor operated hole digger. 2,320,775; June 1.
- Garnett, Edward V. (See Garnett, Victor G. and E. V.)
- Garnett, Victor G. and E. V., Denver, Colo. Dual wheel construction. 2,317,906; Apr. 27.
- Garnier, Gustave, Paris, France; vested in the Alien Property Custodian. Enclipping apparatus. 2,313,012; Mar. 2.
- Garofalo, Ross J., Los Angeles, and F. S. Scott, Beverly Hills, assignors to Union Oil Company of California, Los Angeles, Calif. Bituminous emulsion and producing the same. 2,331,022; Oct. 5.
- Garr, Donald E. (See Edwards, M. A., and Garr.)
- Garretson, Owen L., Detroit, Mich., assignor to Phillips Petroleum Company. Carburetor. 2,314,580; Mar. 23.
- Garretson, Owen L., Detroit, Mich., assignor to Phillips Petroleum Company. High vapor pressure fuel vaporizer-carburetor combination. 2,315,847; Apr. 6.
- Garretson, Owen L., Detroit, Mich., assignor to Phillips Petroleum Company. Carburetor. 2,316,327; Apr. 13.
- Garretson, Owen L., Detroit, Mich., assignor to Phillips Petroleum Company. Variable fuel orifice carburetor. 2,318,216; May 4.
- Garretson, Owen L., Detroit, Mich., assignor to Phillips Petroleum Company. Carburetor for high-pressure fuels. 2,333,167; Nov. 2.
- Garratt, Alan C., Upper Montclair, N. J., assignor to American Cigarette and Cigar Company, New York, N. Y. Display device. 2,313,141; Mar. 9.
- Garratt, Charles S., Jr., Suffolk, Va. Flush valve mechanism. 2,322,123; June 15.
- Garraway, George H., North Plainfield, N. J., assignor to Standard Oil Development Company. Pump. 2,319,730; May 18.
- Garrett Corporation, A Research Manufacturing Company Division, The. (See Gill, George H., assignor.)
- Garrett Corporation, The, A Research Manufacturing Company Division. (See Hannon, Andrew L., assignor.)
- Garrett Corporation, A Research Manufacturing Company Division, The. (See Ramsaur, Walter R., assignor.)
- Garrett, David L., Denver, Colo. Percussion tool. 2,326,136; Aug. 10.
- Garrett, Earl L., Marshfield, Oreg. Cord holder. 2,319,731; May 18.
- Garrett, Jack, Jamestown, N. Y. Mirror support. 2,313,532; Mar. 9.
- Garrett, John P., Jr. (See Garrett, John P., Sr., assignor.)
- Garrett, John P., Sr., assignor of one-third to J. P. Garrett, Jr., Thomaston, Ga. Compression calendar roll for carding machines. 2,310,581; Feb. 9.
- Garrett, Joseph E. (See Kuegelman, J., and Garrett.)
- Garrett, Joseph E., Philadelphia, assignor to Jack Kuegelman, Abington, Pa. Full-fashioned heel construction. 2,319,224; May 18.
- Garrett, Neal, Glendale, Calif. Apparatus for solving problems. 2,334,404; Nov. 16.
- Garric, Jean, Troyes, France; vested in the Alien Property Custodian. Manufacture of stockings. 2,313,294; Mar. 9.
- Garrigus, Clarence G., Haddam, and C. B. Cross, Moodus, assignors to Production Devices Incorporated, East Hartford, Conn. Vice. 2,311,335; Feb. 16.
- Garrison, Charles L. (See Schwager, A. C., and Garrison.)
- Garrison, Charles L., San Francisco, Calif. Motorcycle towing device. 2,329,525; Sept. 14.
- Garrison, Edgar W., Jr., Birmingham, Ala., assignor to Southern States Equipment Corporation. Electric fuse. 2,323,213; June 29.
- Garside, Fred C., South Gate, Calif. Molder's tool. 2,335,004; Nov. 23.
- Garrison, George H., Delhi, Ind. Game call. 2,321,193; June 8.
- Garrison, Ronald M., assignor to Mission Manufacturing Company, Houston, Tex. Oval plug valve chamber. 2,316,413; Apr. 13.
- Garitty, Spencer S., Amsterdam, N. Y., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Axminster loom tube frame. 2,314,139; Mar. 16.
- Garside, John L. (See Muskovin, G. T., and Garside.)
- Garson, Joseph, New Haven, Conn. Toilet paper holder. 2,308,168; Jan. 12.
- Garstang, William W., assignor to Electronic Laboratories, Incorporated, Indianapolis, Ind. Lamp. 2,337,744; Dec. 28.
- Garstang, William W., assignor to Electronic Laboratories, Incorporated, Indianapolis, Ind. Lamp and receptacle therefor. 2,337,745; Dec. 28.

- Garstang, William W., assignor to Electronic Laboratories, Incorporated, Indianapolis, Ind. Lamp and control circuit therefor. 2,337,746; Dec. 28.
- Gartenmeister, Walter, Bergfeld, Germany; vested in the Alien Property Custodian. Rotation-symmetric reflector. 2,325,765; Aug. 3.
- Gartin, Elmer G. (See Curtis, J. C., and Gartin.)
- Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Pressure fluid motor. 2,312,367; Mar. 2.
- Gartner, Erich. (See Koch, A., and Gartner.)
- Gartz, William J. (See Crane, C. R., II, and Gartz.)
- Garvett, Clarence F., and P. B. Knepper, Topeka, Kans. Illuminated door lock. 2,309,840; Feb. 2.
- Garvey, Benjamin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method of plasticizing synthetic rubber. 2,316,949; Apr. 20.
- Garvey, Benjamin S., Jr., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Softening synthetic rubber. 2,325,946; Aug. 3.
- Garvey, Benjamin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Softener for synthetic rubber. 2,325,947; Aug. 3.
- Garvey, Benjamin S., Jr., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Softeners for synthetic rubber. 2,325,948; Aug. 3.
- Garvey, Gerald X., Flushing, N. Y. Collapsible shipping container. 2,332,999; Oct. 26.
- Garvey, Richard J., Dorchester, Mass. Heating system. 2,319,315; May 18.
- Garvin, John S., Bogota, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Polarized relay. 2,309,945; Feb. 2.
- Gary, Charles L., Kenmore, and K. W. Harper, East Aurora, assignors to Spencer Lens Company, Buffalo, N. Y. Optical inspection device. 2,327,257; Aug. 17.
- Gary, Hartwell H., Norfolk, Va. Quick-opening manhole. 2,318,151; May 4.
- Garzo, Abraham G., West Palm Beach, Fla. Fishing reel. 2,313,470; Mar. 9.
- Gas Machinery Company, The. (See Hamlink, Lazenby L., assignor.)
- Gas Machinery Company, The. (See Steinwedell, William E., assignor.)
- Gas Products Corporation. (See Parker, Claude E., assignor.)
- Gascoigne, George H., Wokingham, England. Appliance for cutting, mixing, and mashing animal and poultry foods. 2,333,855; Nov. 9.
- Gascoigne, Joseph C., Heaton, Newcastle-on-Tyne, England. Cutting tools having tip or insert of tungsten carbide or like hard materials. 2,337,322; Dec. 21.
- Gaskell, Joseph, Saint Helens, assignor to Pilkington Brothers Limited, London, England. Tank for molten glass. 2,321,480; June 8.
- Gaskell, Perry C. (See Swanson, E. C., Fredericksen, and Gaskell.)
- Gaskill, Albert C., Sr., Cheviot, Ohio. Fishing rod holder. 2,311,823; Feb. 23.
- Gaskill, Edwin A., Jr., Philadelphia, Pa., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Hydration of phthalic anhydride. 2,333,368; Nov. 2.
- Gasoline Products Company. (See Ward, John T., assignor.)
- Gaspard, Béla, Brussels-Forest, Belgium, assignor to Chromogen, Incorporated. Producing multicolor images. 2,316,782; Apr. 20.
- Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Manufacture of photographic materials. 2,310,226; Feb. 9.
- Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Material for the production of multicolor photographs. 2,310,227; Feb. 9.
- Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Manufacture of photographic colloids. 2,310,228; Feb. 9.
- Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Organic sulphur and selenium compounds. 2,313,993; Mar. 16.
- Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Printing color photography. 2,317,399; Apr. 27.
- Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Producing colored photographic pictures. Re. 2,320,8; May 11.
- Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Photographic material and process for producing the same. 2,319,984; May 25.
- Gáspár, Béla, Hollywood, Calif., assignor to Chromogen, Incorporated. Producing color separation images. 2,320,353; June 1.
- Gasper, Stephen, Gary, Ind. Scrubbing brush. 2,335,503; Nov. 30.
- Gasser, Emil R. (See Kuhns, A., and Gasser.)
- Gasser, Emil R., assignor to Farrel-Birmingham Company, Incorporated, Buffalo, N. Y. Friction clutch. 2,331,180; Oct. 5.
- Gasser, Thomas W., Glendale, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Gun charger. 2,332,631; Oct. 26.
- Gassner, Alfred A., New York, N. Y., assignor to John F. Neary, Jr., Englewood, N. J., as trustee. Multiplex structure and making the same. 2,315,324; Mar. 30.
- Gast, Albert K., St. Joseph, Mich. Shade cutter. 2,326,293; Aug. 10.
- Gast, Erich, Dessau, Germany; vested in the Alien Property Custodian. Automatic flap control for airplanes. 2,316,235; Apr. 13.
- Gaston, Donald H., assignor to Sunbeam Electric Manufacturing Company, Evansville, Ind. Storage pan for refrigerators. 2,330,044; Sept. 21.
- Gates, Howard B., Columbia Cross Roads, Pa. Refrigerating device. 2,337,323; Dec. 21.
- Gates, Jefferson E., Jacksonville, Fla. Fluorescent lamp. 2,320,424; June 1.
- Gates, Major E., Crystal Lake, Ill. Molding press. 2,334,082; Nov. 9.
- Gates Manufacturing Company. (See Kline, Joseph M., assignor.)
- Gates, Paul E., Danvers, Mass., assignor to Sylvania Electric Products Inc. Apparatus for lamp stem manufacture. 2,322,728; June 22.
- Gates, Percival T. (See Kopriva, C. J., and Gates.)
- Gates Rubber Company, The. (See Burkhard, William L., assignor.)
- Gates Rubber Company, The. (See Moe, John E., assignor.)
- Gates Rubber Company. (See Nassimbene, Ernest, assignor.)
- Gates Rubber Company, The. (See Yelm, Charles W., assignor.)
- Gates, William E. F., Welwyn Garden City, England, assignor to Imperial Chemical Industries Limited. Coloring of synthetic resinous compositions. 2,326,531; Aug. 10.
- Gats, Thomas L., Villa Park, assignor of one-half to W. S. Stone, Glen Ellyn, Ill. Can-opening key. 2,325,601; Aug. 3.
- Gatty, Harold C., Treasure Island, Calif. Ascertaining from aircraft in flight variations in the force of the wind at various distances below the aircraft. 2,320,359; June 1.
- Gaty, Clinton B., assignor to Fairchild Aviation Corporation, Jamaica, Long Island, N. Y. Electrical connector. 2,325,313; July 27.
- Gaty, John P. (See Wells, T. A., and Gaty.)
- Gaubert, René J., assignor to Simplex Wrapping Machine Co., Oakland, Calif. Bag making machine and method. Re. 22,292; Mar. 23.
- Gauger, Frank A., Milwaukee, Wis., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic valve and system of control therefor. 2,308,275; Jan. 12.
- Gaugier, Richard S., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,336,085; Dec. 7.
- Gaus, George E., Washington, D. C., C. A. Bennett, and A. G. Ross, Stoneville, Miss., dedicated to the free use of the People of the territory of the United States. Cotton sampler apparatus. 2,320,544; June 1.
- Gauss, Michael J., Weskan, Kans. Cylinder adjuster for threshing machines. 2,310,282; Feb. 9.
- Gauthier, Donald, Detroit, Mich. Fuel consumption tester for automobiles and the like. 2,309,386; Jan. 26.
- Gauthier, Edward J., Flint, Mich. Laying out tool for making metallic elbows. 2,332,568; Oct. 26.
- Gauthier, Raymond. (See Hérail, J., and Gauthier.)
- Gautier, Trevor R., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H. Dry gummed adhesive tape feeding means. 2,308,463; Jan. 12.
- Gautier, Trevor R., assignor to Nashua Gummed and Coated Paper Company, Nashua, N. H. Tape feeding means. 2,308,464; Jan. 12.
- Gautreau, Arthur G., Quincy, Mass. Drying apparatus. 2,311,824; Feb. 23.
- Gavagnin, Tullio, Genoa-Pegli, Italy; vested in the Alien Property Custodian. Motor tractor. 2,310,775; Feb. 9.
- Gavin, Frank J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Coating. 2,334,258; Nov. 16.
- Gavin, Patrick J., Brooklyn, N. Y. Pump. 2,336,240; Dec. 7.
- Gavitt, Lester E., Brookfield, Mass., assignor to Gavitt Manufacturing Company, Tinseltown, N. J. Cord. 2,313,234; Mar. 9.
- Gavitt Manufacturing Company. (See Gavitt, Lester E., assignor.)
- Gavurin, Jacob, Brooklyn, N. Y. Combination clamp holder for flexible elements and containers. 2,315,325; Mar. 30.
- Gaw-O'Hara Envelope Co. (See Hopkins, Alfred J., assignor.)
- Gaw-O'Hara Envelope Company. (See Thompson, Allan M., assignor.)
- Gaxiola, Antone. (See Cape, A. T., and Gaxiola.)
- Gay, Arthur W., assignor to E. B. Jones, Akron, Ohio. Method of finning. 2,327,259; Aug. 17.
- Gay, Frazier W., Metuchen, N. J. Control means for prime mover driven generators. 2,316,513; Apr. 13.
- Gay, Leland H., Alameda, Calif. Aerial bomb. 2,333,558; Nov. 2.

- Gay, Paul S., assignor to Wilcox-Gay Corporation, Charlotte, Mich., Combined sound reproducing recording apparatus. 2,310,229; Feb. 9.
- Gay, Paul S., assignor to Wilcox-Gay Corporation, Charlotte, Mich., Power and brake control for recording apparatus. 2,325,692; Aug. 3.
- Gay, Paul S., assignor to Wilcox-Gay Corporation, Charlotte, Mich., Double turntable. 2,335,961; Nov. 30.
- Gay, Vincent B., Clinton, Ohio, assignor to The B. F. Goodrich Company, New York, Tire. 2,310,776; Feb. 9.
- Gayer, John D., Springfield, Pa., assignor to General Electric Company, Electric circuit breaker. 2,325,949; Aug. 3.
- Gaylor, Peter J., Union, N. J., assignor to Standard Oil Development Company, Impregnating and plasticizing composition. 2,318,684; May 11.
- Gaylor, Peter J., Union, N. J., assignor to Standard Oil Development Company, Modified fuel. 2,331,386; Oct. 12.
- Gaylor, Peter J., Union, and Edward J. Mahler, Jersey City, N. J., assignors to Standard Oil Development Company, Treating hydrocarbons. 2,324,073; July 13.
- Gaylor Container Corporation. (See Georger, W. C., and Buhrmaster, assignors.)
- Gaylor Container Corporation. (See van Cleef, John C., assignor.)
- Gaylord, Jay A., Seattle, Wash., Rotary piston mechanism. 2,328,799; Sept. 7.
- Gaylord, Levi P. M., Lowellville, N. Y., Auger attachment for snowplow, or the like. 2,320,723; June 1.
- Gaynor, Edwin G., (See Andrews, Harold K., assignor.)
- Gaynor, Edwin C., Fairfield, Conn., Metal container. 2,308,600; Jan. 19.
- Gaynor, Edwin G., Fairfield, assignor to The Wheeler Insulated Wire Company, Bridgeport, Conn., Two button switch. 2,320,072; May 25.
- Gaynor, Edwin G., Fairfield, Conn., One piece resilient bodied fluorescent lamp socket. 2,329,464; Sept. 14.
- Gaynor, Edwin G., Fairfield, Conn., Two-button permanently off switch. 2,331,181; Oct. 5.
- Gaynor, Edwin G., Fairfield, Conn., Reactor. 2,333,995; Nov. 9.
- Gaynor, Edwin G., Fairfield, Conn., Switch. 2,337,800; Dec. 28.
- Gaynor, James W., (See Loane, C. M., and Gaynor.)
- Gaynor, James W., (See Loane, C. M., Gaynor, and Nixon.)
- Gaynor, James W., Chicago, Ill., and C. M. Loane, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill., Lubricant. 2,316,087; Apr. 6.
- Gayring, Wallace F., Minoa, assignor to The Prosperity Company, Inc., Syracuse, N. Y., Two hand control. 2,313,869; Mar. 16.
- Gayring, Wallace F., Minoa, assignor to The Prosperity Company, Inc., Syracuse, N. Y., Safety control for power operated machines. 2,331,023; Oct. 5.
- Gayring, Wallace F., Minoa, assignor to The Prosperity Company, Inc., Syracuse, N. Y., Explosion prevention control for dry-cleaning machines. 2,333,000; Oct. 26.
- Gazda, Antoine, Neuilly-sur-Seine, France; vested in the Alien Property Custodian, Aircraft wing system. 2,317,267; Apr. 20.
- Gazda, Antoine, Providence, R. I., Gear tooth. 2,335,504; Nov. 30.
- Gazdik, Ivan, (See Lessig, E. T., and Gazdik.)
- Gazdik, Ivan, and E. T. Lessig, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y., Improving the adhesion of rubber to cotton. 2,314,976; Mar. 30.
- Gazley, Richard C., Grosse Pointe, Mich., Fastening device. 2,334,188; Nov. 16.
- Gear Grinding Machine Company, The. (See Faulhaber, Frederick A., assignor.)
- Gear Grinding Machine Company, The. (See Rzeppa, Alfred H., assignor.)
- Gear Grinding Machine Company, The. (See Waldman, Alfred, assignor.)
- Gear Grinding Machine Company, The. (See Ward, Frederick A., assignor.)
- Gear Processing, Inc., (See Lambrix, Maurice A., assignor.)
- Gear Specialties. (See Hale, Charles B., assignor.)
- Geahrath, Glenn D., Washington, D. C., assignor of one-fifth to A. Accola, Slater, Iowa, Hydrocarbon burner. 2,309,762; Feb. 2.
- Geating, Charles M., assignor to The Charles Parker Company, Meriden, Conn., Vise. 2,322,291; June 22.
- Geaton, Michael V., Chicago, Ill., Railway cross tie. 2,336,608; Dec. 14.
- Geary, James F., Salt Lake City, Utah, Compaction separator. 2,316,783; Apr. 20.
- Gebauer, Charles L., Shaker Heights, assignor to The Gebauer Chemical Company, Cleveland, Ohio, Device for dispensing liquid in the form of spray. 2,313,930; Mar. 16.
- Gebauer Chemical Company, The. (See Gebauer, Charles L., assignor.)
- Gebert, Albert E., Wilmette, and F. C. Black, Chicago, assignors to Advance Machine Co., Coin detecting apparatus. 2,322,434; June 22.
- Gebert, Sever, C., Three Rivers, Mich., assignor to Fairbanks, Morse, & Co., Chicago, Ill., Stoker of underfeed type. 2,322,124; June 15.
- Gebhard, Louis A., and R. B. Meyer, Washington, D. C., Antenna system. Re. 22,365; Aug. 17.
- Gebhard, Melvin L., H. Heltzer, J. E. Clarke and E. P. Davis, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn., Reflex light reflector. 2,326,634; Aug. 10.
- Gebhardt, Hans T., (See Griffin, H. L., Robb, Titus, and Gebhardt.)
- Geckler, Richard D., Whiting, and N. Fragen, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill., Producing toluene. 2,316,126; Apr. 6.
- Geddes, John W., Watertown, assignor to H. K. Porter, Inc., Everett, Mass., Wire cutter. 2,308,684; Jan. 19.
- Gedris, Stanley J., assignor to Ideal Seating Company, Grand Rapids, Mich., Theater seat hinge. 2,312,638; Mar. 2.
- Geidris, Stanley J., Grand Rapids, Mich., Molding machine. 2,325,501; Aug. 27.
- Geismann, E., Narberth, Pa., Drive unit for locomotives. 2,314,085; Mar. 16.
- Gee, Wayne L., Maple Lake, Minn., Propeller adjusting device for marine motors. 2,308,749; Jan. 19.
- Gee, William L., Plainfield, N. J., assignor, by mesne assignments, to The Texas Company, New York, N. Y., Continuous process of decolorizing lubricating oil. 2,326,294; Aug. 10.
- Gee, William P., Plainfield, N. J., assignor, by mesne assignments, to The Texas Company, New York, N. Y., Decolorizing oil with decolorizing earth in the presence of naphtha. 2,326,295; Aug. 10.
- Geer, Paul L., (See Perrin, J. C., and Geer.)
- Geer, Russell L., Grand Island, Nebr., Hardware for concrete forms. 2,313,637; Mar. 9.
- Geer, William C., Ithaca, N. Y., Apparatus for preventing the accumulation of ice. 2,327,934; Aug. 17.
- Geer, William C., Ithaca, N. Y., Two phase composition and preparing the same. 2,335,105; Nov. 30.
- Geertsen, Nelson, Chicago, Ill., assignor to American Can Company, New York, N. Y., Container. 2,323,904; July 13.
- Geertsen, Nelson, Chicago, Ill., assignor to American Can Company, New York, N. Y., Container. 2,334,759; Nov. 23.
- Geertsen, Nelson, Chicago, Ill., assignor to American Can Company, New York, N. Y., Container. 2,335,270; Nov. 30.
- Geertz, Eric, and C. A. Geitz, Glen Ellyn, assignors, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill., Method and apparatus for conditioning and supplying water and carbon dioxide to carbonators. 2,322,625; June 22.
- Geese, Charles, Somerset, Pa., Setting printing inks and composition therefor. 2,317,370; Apr. 27.
- Gehehen, Heinrich, (See Friedrichs, W., and Gehehen.)
- Gehehen, Heinrich, (See Gehehen, W., and Gehehen.)
- Gehehe, Reynold, (See Todde, A. F., Gehehe, and Wentz.)
- Gehrke, Max, (See Inhoffen, H. H., Gehrke, and Schoeller.)
- Gehrs, Emil, Pasadena, Calif., Guard. 2,332,632; Oct. 26.
- Gelb, Charles A., assignor to The Norwood Company, Chicago, Ill., Music stand. 2,336,679; Dec. 14.
- Gelbig, Frank C., Westfield, N. J., assignor to Union Carbide and Carbon Corporation, Portable blowpipe machine. 2,311,223; Feb. 16.
- Geler, P. A., Company, The. (See Martinet, Eugene F., assignor.)
- Geigel, Herl, (See Troch, P., Voss, Rabald and Geigel.)
- Geiger, David F., Los Angeles, Calif., Pressure operated tool connector. 2,337,096; Dec. 21.
- Geiger, John P., et al., (See Smith, Merton J., assignor.)
- Geiger, Norman, (See Jagust, Philip, assignor.)
- Geiger, Ralph I., Los Angeles, Calif., Ball and socket connector. 2,309,307; Jan. 26.
- Geiger, Ralph I., Los Angeles, Calif., Fishing reel. 2,335,752; Nov. 30.
- Geigy, J. R., (See Keller, Ernst, assignor.)
- Geigy, J. R., A. G., (See Bindler, Jakob, assignor.)
- Geigy, J. R., A. G., (See Bindler, J., and Schlappfer, assignor.)
- Geigy, J. R., A. G., (See Conzetti, Achille, assignor.)
- Geigy, J. R., A. G., (See Conzetti, A., and Schetty, assignors.)
- Geigy, J. R., A. G., (See Engel, K., and Pfahler, assignors.)
- Geigy, J. R., A. G., (See Grun, A., and Stoll, assignors.)
- Geigy, J. R., A. G., (See Martin, H., Baumann, and Gysin, assignors.)
- Geigy, J. R., A. G., (See Martin, H., and Hirt, assignors.)
- Geigy, J. R., S. A., (See Martin, H., and Stannbach, assignors.)
- Geigy, J. R., A. G., (See Martin, H., and Zaeslin, assignors.)
- Geigy, J. R., A. G., (See Martin, H., Zaeslin, Glatthaar, and Staub, assignors.)
- Geigy, J. R., A. G., (See Martin, H., Zaeslin, Hirt, and Staub, assignors.)
- Geigy, J. R., A. G., (See Martin, H., Zaeskin, Hirt, Glatthaar, and Staub, assignors.)
- Geigy, J. R., A. G., (See Müller, Paul, assignor.)
- Geigy, J. R., A. G., (See Stenzel, Hans, assignor.)
- Geipe, Sara, (See Gustafson, B., and Geipe.)

- Geise, Friedrich, Berlin-Karlshorst, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective relay system. 2,307,500; Jan. 5.
- Geisel, Arthur F. (See Malone, H. E., and Geisel.)
- Geisel, Claude J., Elyria, and P. D. Nielsen, Lorain, Ohio, assignors to National Tube Company. Burner control for reversing furnaces. 2,336,538; Dec. 14.
- Geiselman, Ralph A., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical regulating system. 2,313,931; Mar. 16.
- Geiser, Nikolaus. (See Clar, C., Kühnel, and Geiser.)
- Geisse, John H., Madison, Wis. Aviation ground training machine. 2,323,322; July 6.
- Geissler, Joseph, Milwaukee, Wis. Convertible table. 2,319,499; May 18.
- Geissmann, Gladys W., New York, N. Y. Glove. 2,309,504; Jan. 26.
- Geist, William J., St. Louis, Mo., assignor, by mesne assignments, to Continental Can Company, Inc., New York, N. Y. Seaming machine. 2,324,501; July 20.
- Gelstwhite, John M. (See Zink, W. L., Hauswirth, and Gelstwhite.)
- Geldin, Albert, New York, N. Y. Cosmetic holder. 2,318,152; May 4.
- Gelatin Products Company. (See Cook, R. D., and Fox, assignors.)
- Gelatin Products Company. (See Mabbs, Carl E., assignor.)
- Gelb, Joseph, New York, N. Y. Arc lamp. 2,307,260; Jan. 5.
- Geldermans, Johan E., and A. de Hond, Eindhoven, Netherlands; vested in the Alien Property Custodian. Separating shells and meats of bivalve shellfish. 2,337,188; Dec. 21.
- Geldhof, Peter E., assignor to Nineteen Hundred Corporation. St. Joseph, Mich. Machine for washing clothes. 2,312,545; Mar. 2.
- Gelfand, Alex. Bronz, assignor to Peerless Key-Imperial Mfg. Co., New York, N. Y. Paper fastener. 2,328,268; Aug. 31.
- Gelfand, Max, Dallas, Tex. Photographic film. 2,320,517; June 1.
- Gellendien, Walter, Berlin-Charlottenburg, and J. Eggert, Berlin, Germany, assignors, by mesne assignments, to "Patchem" A.-G., Zur Beteiligung an Patent- und sonstigen Erfindungsrechten auf Chemische Verfahren, Zurich, Switzerland. Dressed and softened regenerated cellulose products. 2,312,708; Mar. 2.
- Gellman, Benjamin, Chicago, Ill. Shoe. 2,326,776; Aug. 17.
- Gelpcke, Alfred W., Brooklyn, assignor to The Rawlplug Company, Inc., New York, N. Y. Screw anchor. 2,326,152; Aug. 10.
- Gelpke, Karl (See Winkler, A., Dünnebiel, and Gelpke.)
- Gemberling, Cameron H., and R. J. Altgelt, South Bend, Ind., assignors to Oliver Farm Equipment Company. Potato planter. 2,338,034; Dec. 28.
- Gemmell, James H. (See Friden, C. M. F., and Gemmell.)
- Gemmo, James H., Oakland, Calif. Screw driver. 2,313,710; Mar. 9.
- Gemmer Manufacturing Company. (See Pulleyblank, Harper E., assignor.)
- Genascl, Clarence, Menlo Park, Calif. Drum cleaning machine. 2,319,985; May 25.
- Genck, Worthington D. (See Hennessey, R. J., Genck, and Gayer.)
- Genfleisch, Erwin, Berlin, Germany; vested in the Alien Property Custodian. Push button tuned receiver with motor drive. 2,311,168; Feb. 16.
- Gendron, Napoleon J., Seattle, Wash. Burner nozzle. 2,324,147; July 13.
- General Aircraft Corporation. (See Koppen, Otto C., assignor.)
- General Aircraft Equipment, Inc. (See Mejean, Jacques G., assignor.)
- General Aniline & Film Corporation. (See Albers, F., and Alexander, assignors.)
- General Aniline & Film Corporation. (See Albers, F., Frölich, Schneider, Trabert, assignors.)
- General Aniline & Film Corporation. (See Arens, H., Kumetat, Walter, Wilmanns, assignors.)
- General Aniline & Film Corporation. (See Baehr, H., and Dietrich, assignors.)
- General Aniline & Film Corporation. (See Bauer, F., and Wilmanns, assignors.)
- General Aniline & Film Corporation. (See Bauer, Rudolf, assignor.)
- General Aniline & Film Corporation. (See Besler, Eduard, assignor.)
- General Aniline & Film Corporation. (See Bestian, Herbert, assignor.)
- General Aniline & Film Corporation. (See Bestian, H., Nusslein, and Monheim, assignors.)
- General Aniline & Film Corporation. (See Bestian, H., and von Finck, assignors.)
- General Aniline & Film Corporation. (See v. Bock, B., Ufer, and Kleiner, assignors.)
- General Aniline & Film Corporation. (See Braunschmidt, Ludwig, van Briessen, and Hissbach, assignors.)
- General Aniline & Film Corporation. (See Brodersen, R., and Wilmanns, assignors.)
- General Aniline & Film Corporation. (See Burneleit, Willy, assignor.)
- General Aniline & Film Corporation. (See Ciringione, Leonard, assignor.)
- General Aniline & Film Corporation. (See Dieterle, Walter, assignor.)
- General Aniline & Film Corporation. (See Döring, E., and Grassmader, assignors.)
- General Aniline & Film Corporation. (See Doser, A., Bayer, and Hintzmann, assignors.)
- General Aniline & Film Corporation. (See Eckler, Leopold, assignor.)
- General Aniline & Film Corporation. (See Eggert, J., and Nissen, assignors.)
- General Aniline & Film Corporation. (See Eggert, J., and Vendt, assignors.)
- General Aniline & Film Corporation. (See Fess, Emil, assignor.)
- General Aniline & Film Corporation. (See Fischer, Edwin L., assignor.)
- General Aniline & Film Corporation. (See Fitzky, Wilhelm, assignor.)
- General Aniline & Film Corporation. (See Fröhlich, Alfred, assignor.)
- General Aniline & Film Corporation. (See Frohlich, A., and Schneider, assignors.)
- General Aniline & Film Corporation. (See Fröhlich, A., Schneider, and Heisel, assignors.)
- General Aniline & Film Corporation. (See Frost, Paul, assignor.)
- General Aniline & Film Corporation. (See Gajewski, Ferdinand, J., assignor.)
- General Aniline & Film Corporation. (See Haller, Josef, assignor.)
- General Aniline & Film Corporation. (See Hansen, O., and Scheuermann, assignors.)
- General Aniline & Film Corporation. (See Hellmig E., and Kammerl, assignors.)
- General Aniline & Film Corporation. (See Hopff, H., and Gobel, assignor.)
- General Aniline & Film Corporation. (See Huss, Richard, assignor.)
- General Aniline & Film Corporation. (See Jacqué, Heinrich, assignor.)
- General Aniline & Film Corporation. (See Jung, A., and Wilmanns, assignors.)
- General Aniline & Film Corporation. (See Kerth, M., and Link, assignors.)
- General Aniline & Film Corporation. (See Korten, Ernst, assignor.)
- General Aniline & Film Corporation. (See Kränzlein, Paul, assignor.)
- General Aniline & Film Corporation. (See Kumetat, K., and Riester, assignors.)
- General Aniline & Film Corporation. (See Lessler, Lew W., assignor.)
- General Aniline & Film Corporation. (See Machin, Willis H., assignor.)
- General Aniline & Film Corporation. (See Manchen F., and Schmidt, assignors.)
- General Aniline & Film Corporation. (See Mareis, Alfons, assignor.)
- General Aniline & Film Corporation. (See Miege, W., and Wiener, assignors.)
- General Aniline & Film Corporation. (See Morschel, H., and Meiser, assignors.)
- General Aniline & Film Corporation. (See Mueller-Cunradi, M., Cantzler, and Krekeler, assignors.)
- General Aniline & Film Corporation. (See Mueller, Fritz W. H., assignor.)
- General Aniline & Film Corporation. (See Münz, Ferdinand, assignor.)
- General Aniline & Film Corporation. (See Nadler, F., Wegler, and Bayer, assignors.)
- General Aniline & Film Corporation. (See Nawiasky, P., and Sprenger, assignors.)
- General Aniline & Film Corporation. (See Nusslein, J., and Muller, assignors.)
- General Aniline & Film Corporation. (See Orthner, L., Platz, Keller, and Sönke, assignors.)
- General Aniline & Film Corporation. (See Platz, C., Wagner, Keppler, and Nelles, assignors.)
- General Aniline & Film Corporation. (See Polhemus, John K., assignor.)
- General Aniline & Film Corporation. (See Reppe, W., Keyssner, and Hecht, assignors.)
- General Aniline & Film Corporation. (See Reppe, W., Schmidt, Schulz, and Wenderlein, assignors.)
- General Aniline & Film Corporation. (See Riester, O., and Wilmanns, assignors.)
- General Aniline & Film Corporation. (See Roehrl, Bruno C., assignor.)
- General Aniline & Film Corporation. (See Schirm, Erik, assignor.)
- General Aniline & Film Corporation. (See Schmidt, K., and Stahl, assignors.)
- General Aniline & Film Corporation. (See Schmidt, Otto, assignor.)
- General Aniline & Film Corporation. (See Schneider, W., and Fröhlich, assignors.)
- General Aniline & Film Corporation. (See Schneider, W., Kubbier, and Senger, assignors.)
- General Aniline & Film Corporation. (See Schneider, W., Schaarschmidt, and Wilmanns, assignors.)

- General Aniline & Film Corporation. (See Schneider, W., Schultze, and Wilmanns, assignors.)
 General Aniline & Film Corporation. (See Schneider, W., and Wilmanns, assignors.)
 General Aniline & Film Corporation. (See Schultze, Werner, assignor.)
 General Aniline & Film Corporation. (See Siefken, R., and Doser, assignors.)
 General Aniline & Film Corporation. (See Staeger, R., Assmann and Ehrmann, assignors.)
 General Aniline & Film Corporation. (See Stein, Gerhard, assignor.)
 General Aniline & Film Corporation. (See Thurm, A., Krzikalla, and Kirsch, assignors.)
 General Aniline & Film Corporation. (See Tischbein, W., Bayer, Nelles and Ruf, assignors.)
 General Aniline & Film Corporation. (See Trump, Frederick G., assignor.)
 General Aniline & Film Corporation. (See Ulrich, H., and Kuespert, assignors.)
 General Aniline & Film Corporation. (See von Glahn, W. H., and Rottschaefer, assignors.)
 General Aniline & Film Corporation. (See von Meister, F. W., and Andrew, assignors.)
 General Aniline & Film Corporation. (See Wagner, Ferdinand, assignor.)
 General Aniline & Film Corporation. (See Wahl, Ottmar, assignor.)
 General Aniline & Film Corporation. (See Weihe, A., and Herlein, assignors.)
 General Aniline & Film Corporation. (See Wilmanns, Gustave, assignor.)
 General Aniline & Film Corporation. The (See Yamashita, S.-I., and Yoshizaki, assignors.)
 General Aniline & Film Corporation. (See Zervas, Paul, assignor.)
 General Aniline & Film Corporation. (See Zerweck, W., and Brunner, assignors.)
 General Aniline & Film Corporation. (See Zerweck, W., and Hechtenberg, assignors.)
 General Aniline & Film Corporation. (See Zerweck, W., and Heinrich, assignors.)
 General Aniline & Film Corporation. (See Zerweck, W., and Künze, assignors.)
 General Aniline & Film Corporation. (See Zerweck, W., Müller, and Bähr, assignors.)
 General Aniline & Film Corporation. (See Zerweck, W., and Tröskel, assignors.)
 General Aniline & Film Corporation. (See Zischler, H., and Wilmanns, assignors.)
 General Arc Lighting Company. (See Baruch, S. N., and Weinberg, assignors.)
 General Auto Parts Corporation. (See Rockwell, Edward A., assignor.)
 General Bandages, Inc. (See Hinkamp, J. A., and Brasel, assignors.)
 General Binding Corporation. (See Emmer, Charles E., assignor.)
 General Box Company. (See Olvey, George H., assignor.)
 General Bronze Corporation. (See McAvoy, Frank E., assignor.)
 General Bronze Corporation. (See Peremi, L., and Webel, assignors.)
 General Cable Corporation. (See Aken, James N., assignor.)
 General Cable Corporation. (See Blades, Ansley O., assignor.)
 General Cable Corporation. (See Cox, Frederick G., assignor.)
 General Cable Corporation. (See Kauth, Henry J., assignor.)
 General Cable Corporation. (See Szilard, Julius A., assignor.)
 General Chemical Company. (See Adams, James F., assignor.)
 General Chemical Company. (See Bachman, P. W., and Hammaren, assignors.)
 General Chemical Company. (See Bousquet, L.R. G., and Brooks, assignors.)
 General Chemical Company. (See Bousquet, L.R. G., and Young, assignors.)
 General Chemical Company. (See Brooks, Maxwell J., assignor.)
 General Chemical Company. (See Knapp, William A., assignor.)
 General Chemical Company. (See Levermore, Charles L., assignor.)
 General Chemical Company. (See Neumark, H. R., and Pearson, assignors.)
 General Chemical Company. (See Ogburn, Sihon C., Jr., assignor.)
 General Chemical Company. (See Pearson, J. H., and Tryon, assignors.)
 General Chemical Company. (See Proctor, J. W., and Allen, assignors.)
 General Chemical Company. (See Shinn, John V., assignor.)
 General Controls Co. (See Matteson, Harold J., assignor.)
 General Controls Co. (See Paille, Eugene, assignor.)
 General Electric Company. (See Abbatiello, Anthony A., assignor.)
 General Electric Company. (See Abbott, Charles C., assignor.)
 General Electric Company. (See Agens, Maynard C., assignor.)
 General Electric Company. (See Alexanderson, Ernst F. W., assignor.)
 General Electric Company. (See Allen, Carl J., assignor.)
 General Electric Company. (See Allen, W. H., and Reeves, assignors.)
 General Electric Company. (See Alexay, Adalbert, assignor.)
 General Electric Company. (See Alimansky, Max I., assignor.)
 General Electric Company. (See Amsden, Ralph D., assignor.)
 General Electric Company. (See Andersen, Henry A., assignor.)
 General Electric Company. (See Anderson, Arvid E., assignor.)
 General Electric Company. (See Anderson, James T., assignor.)
 General Electric Company. (See Anderson, Jasper E., assignor.)
 General Electric Company. (See Andrews, Paul D., assignor.)
 General Electric Company. (See Arey, R. G., and Faus, assignors.)
 General Electric Company. (See Aschermann, G., and Strubing, assignors.)
 General Electric Company. (See Ashton, Herbert T., assignor.)
 General Electric Company. (See Atchison, Leonard W., assignor.)
 General Electric Company. (See Atwood, Winfield A., assignor.)
 General Electric Company. (See Ayers, Alan N., assignor.)
 General Electric Company. (See Ayers, Edgar H., assignor.)
 General Electric Company. (See Bachman, William S., assignor.)
 General Electric Company. (See Bailey, Carl A., assignor.)
 General Electric Company. (See Bakke, Hans A., assignor.)
 General Electric Company. (See Baldwin, George C., assignor.)
 General Electric Company. (See Baldwin, Morris J., assignor.)
 General Electric Company. (See Ballard, Robert G., assignor.)
 General Electric Company. (See Bany, Herman, assignor.)
 General Electric Company. (See Bany, H., and Kaufmann, assignors.)
 General Electric Company. (See Bartelink, Everhard H., assignor.)
 General Electric Company. (See Bartlett, Percy, assignor.)
 General Electric Company. (See Bartlett, P., and Subber, assignors.)
 General Electric Company. (See Bauer, E. E., and Fraps, assignors.)
 General Electric Company. (See Beck, Francis M., assignor.)
 General Electric Company. (See Becker, Howard I., assignor.)
 General Electric Company. (See Bedford, Alexander W., Jr., assignor.)
 General Electric Company. (See Becker, Stewart, assignor.)
 General Electric Company. (See Bellows, Guy, Jr., assignor.)
 General Electric Company. (See Bensin, Igor B., assignor.)
 General Electric Company. (See Benton, Kenneth H., assignor.)
 General Electric Company. (See Bertram, John, assignor.)
 General Electric Company. (See Bigalke, Alfred, assignor.)
 General Electric Company. (See Bischoff, Alfred F., assignor.)
 General Electric Company. (See Bivens, Maurice E., assignor.)
 General Electric Company. (See Blume, Louis F., assignor.)
 General Electric Company. (See Boddy, Edwin H., assignor.)
 General Electric Company. (See Boersch, Hans, assignor.)
 General Electric Company. (See Bol, Cornelius, assignor.)
 General Electric Company. (See Borst, David W., assignor.)
 General Electric Company. (See Bourne, Harry K., assignor.)
 General Electric Company. (See Bourne, H. K., and Capp, assignors.)
 General Electric Company. (See Bourne, W. A., and Gardiner, assignors.)
 General Electric Company. (See Bower, George W., assignor.)
 General Electric Company. (See Bowman, Kenneth K., assignor.)

- General Electric Company. (See Brehob, Frederick H., assignor.)
- General Electric Company. (See Breymaier, Jacob A., assignor.)
- General Electric Company. (See Britton, K. L., and Eaton, assignors.)
- General Electric Company. (See Brown, C. A., and Craig, assignors.)
- General Electric Company. (See Brown, George M., assignor.)
- General Electric Company. (See Brown, G. M., and Campbell, assignors.)
- General Electric Company. (See Brunke, Fritz, assignor.)
- General Electric Company. (See Bryant, Frank D., assignor.)
- General Electric Company. (See Buch, R., and Haemmerling, assignors.)
- General Electric Company. (See Buchholz, Herbert, assignor.)
- General Electric Company. (See Bunger, Albert, assignor.)
- General Electric Company. (See Burgess, Bert I., assignor.)
- General Electric Company. (See Butler, Henry E., assignor.)
- General Electric Company. (See Butler, William L., assignor.)
- General Electric Company. (See Butler, W. L., and Hausler, assignors.)
- General Electric Company. (See Caldwell, A., and Elliott, assignors.)
- General Electric Company. (See Camilli, Guglielmo, assignor.)
- General Electric Company. (See Campbell, James R., assignor.)
- General Electric Company. (See Carlson, Frank E., assignor.)
- General Electric Company. (See Carlson, G., and Clark, assignors.)
- General Electric Company. (See Cartun, Paul O., assignor.)
- General Electric Company. (See Caughey, Reed J., assignor.)
- General Electric Company. (See Champlin, Franklin J., assignor.)
- General Electric Company. (See Christensen, Paul L., assignor.)
- General Electric Company. (See Clack, Basil N., assignor.)
- General Electric Company. (See Clark, Frank M., assignor.)
- General Electric Company. (See Coggeshall, T. R., Dhanou, and Thumim, assignors.)
- General Electric Company. (See Cook, Ellsworth D., assignor.)
- General Electric Company. (See Cook, Leonard W., assignor.)
- General Electric Company. (See Cooper, Benjamin, assignor.)
- General Electric Company. (See Cotman, C. A., and Wright, assignors.)
- General Electric Company. (See Crago, Harry, R., assignor.)
- General Electric Company. (See Craig, Charles R., assignor.)
- General Electric Company. (See Cramer, Theron A., assignor.)
- General Electric Company. (See Crary, Selden B., assignor.)
- General Electric Company. (See Crosby, Howard M., assignor.)
- General Electric Company. (See Currier, Philip M., assignor.)
- General Electric Company. (See D'Alello, Gaetano, assignor.)
- General Electric Company. (See D'Alello, G. F., and Underwood, assignors.)
- General Electric Company. (See Dalton, William, assignor.)
- General Electric Company. (See Dana, Junius, assignor.)
- General Electric Company. (See Davis, David M., assignor.)
- General Electric Company. (See Dehmelt, Erich, assignor.)
- General Electric Company. (See De Tar, Donald R., assignor.)
- General Electric Company. (See Dick, Roscoe S., assignor.)
- General Electric Company. (See Dickle, Alexander M., assignor.)
- General Electric Company. (See Dickinson, Theodore M., assignor.)
- General Electric Company. (See Diemel, Carl, assignor.)
- General Electric Company. (See Dodge, Albert O., assignor.)
- General Electric Company. (See Dodge, William P., assignor.)
- General Electric Company. (See Dome, Robert B., assignor.)
- General Electric Company. (See Doran, John H., assignor.)
- General Electric Company. (See Dornte, Ralph W., assignor.)
- General Electric Company. (See Downey, Reginald L., assignor.)
- General Electric Company. (See Dunham, George W., assignor.)
- General Electric Company. (See Dunham, G. W., Woodson and Bariffi, assignor.)
- General Electric Company. (See Eaton, Irving C., assignor.)
- General Electric Company. (See Eden, Christopher G., assignor.)
- General Electric Company. (See Edson, William W., assignor.)
- General Electric Company. (See Edwards, Martin A., assignor.)
- General Electric Company. (See Edwards, M. A., and Garr, assignors.)
- General Electric Company. (See Edwards, M. A., and Shouits, assignors.)
- General Electric Company. (See Elmendorf, Duryea E., assignor.)
- General Electric Company. (See Elmendorf, D. E., and Keller, assignors.)
- General Electric Company. (See Emmet, William L. R., assignor.)
- General Electric Company. (See Engel, Phillip M., assignor.)
- General Electric Company. (See Everest, Alfred W., assignor.)
- General Electric Company. (See Ewing, Samuel C., and Winter, assignors.)
- General Electric Company. (See Fantur, Charles L., assignor.)
- General Electric Company. (See Fantur, C. L., and Lehman, assignors.)
- General Electric Company. (See Farnham, Sherman B., assignor.)
- General Electric Company. (See Farrell, James J., assignor.)
- General Electric Company. (See Faus, Harold T., assignor.)
- General Electric Company. (See Fecker, Theodor, assignor.)
- General Electric Company. (See Feenstra, Douwe H., assignor.)
- General Electric Company. (See Finlayson, F. E., and Chapman, assignors.)
- General Electric Company. (See Fisher, Alec, assignors.)
- General Electric Company. (See Fitzgerald, Edward R., assignor.)
- General Electric Company. (See Fladd, Walter E., assignor.)
- General Electric Company. (See Flaws, John, Jr., assignor.)
- General Electric Company. (See Fluke, John M., assignor.)
- General Electric Company. (See Flynn, Edward J., assignor.)
- General Electric Company. (See Flynt, Frank V., assignor.)
- General Electric Company. (See Foote, Alton G., assignor.)
- General Electric Company. (See Ford, W. A., and Michel, assignors.)
- General Electric Company. (See Foster, Levin W., assignor.)
- General Electric Company. (See Fraenckel, V. H., and Biewert, assignors.)
- General Electric Company. (See Fraps, Junius P., assignor.)
- General Electric Company. (See French, Henry G., assignor.)
- General Electric Company. (See Frisch, William F., assignor.)
- General Electric Company. (See Fyler, George W., assignor.)
- General Electric Company. (See Garin, Alexis N., assignor.)
- General Electric Company. (See Garman, George W., assignor.)
- General Electric Company. (See Gayer, John D., assignor.)
- General Electric Company. (See Goldberg, Leon J., assignor.)
- General Electric Company. (See Gordon, N. T., and Whitney, assignors.)
- General Electric Company. (See Goss, W. R., and Jones, assignors.)
- General Electric Company. (See Granfield, John C., assignor.)
- General Electric Company. (See Grantz, Howard E., assignor.)
- General Electric Company. (See Grave, Hans F., assignor.)
- General Electric Company. (See Griffiths, Leonard, assignor.)
- General Electric Company. (See Grobel, Lloyd P., assignor.)
- General Electric Company. (See Gurewitsch, Anatole M., assignor.)
- General Electric Company. (See Hach, E. C., and Herperger, assignors.)
- General Electric Company. (See Hagenguth, Julius H., assignor.)

- General Electric Company. (See Haidley, L., and Hemp-
hill, assignors.)
General Electric Company. (See Hall, Chester L., as-
signor.)
General Electric Company. (See Halvorson, Cromwell
A. B., assignor.)
General Electric Company. (See Hansen, Albert, Jr.,
assignor.)
General Electric Company. (See Harblson, George C.,
assignor.)
General Electric Company. (See Harlow, W. G., Healls,
and Williams, assignors.)
General Electric Company. (See Hathaway, Claude M.,
assignor.)
General Electric Company. (See Hausler, George M.,
assignor.)
General Electric Company. (See Hedman, Sverker N.,
assignor.)
General Electric Company. (See Heiser, M. G., von
Bergen, and Borg, assignors.)
General Electric Company. (See Hemphill, Lawrence F.,
assignor.)
General Electric Company. (See Hermann, Benjamin
K., assignor.)
General Electric Company. (See Hersh, Herman L., as-
signor.)
General Electric Company. (See Herskind, Carl C., as-
signor.)
General Electric Company. (See Herzog, Edward F., as-
signor.)
General Electric Company. (See Hewlett, Clarence W.,
assignor.)
General Electric Company. (See Hlman, Donald D., as-
signor.)
General Electric Company. (See Hoare, Stephen C., as-
signor.)
General Electric Company. (See Hoffmann, D. C., Reid,
and Bany, assignors.)
General Electric Company. (See Hogg, Francis M., as-
signor.)
General Electric Company. (See Holmes, L. L., Jr., and
Livingston, assignors.)
General Electric Company. (See Holm-Hansen, Osmund,
assignor.)
General Electric Company. (See Hölters, F., and Renner,
assignors.)
General Electric Company. (See Hottenroth, Frederick
W., Jr., assignor.)
General Electric Company. (See Howard, Alan, as-
signor.)
General Electric Company. (See Hoyt, John C., as-
signor.)
General Electric Company. (See Hubbard, Albert B.,
assignor.)
General Electric Company. (See Huntington, Sidney O.,
assignor.)
General Electric Company. (See Huston, Claude B., as-
signor.)
General Electric Company. (See Hutt, Philip, assignor.)
General Electric Company. (See Hyodo, Masnaki, as-
signor.)
General Electric Company. (See Inman, George E., as-
signor.)
General Electric Company. (See Inman, G. E., and Smit-
ley, assignors.)
General Electric Company. (See Irigal, Sin-Iti, as-
signor.)
General Electric Company. (See Irons, Davison E., as-
signor.)
General Electric Company. (See Jackson, E. H., and Hall,
assignors.)
General Electric Company. (See Jewell, Richard G.,
assignor.)
General Electric Company. (See Johnson, Lyman B., as-
signor.)
General Electric Company. (See Johnson, Percy J., as-
signor.)
General Electric Company. (See Johnson, Wilfrid E.,
assignor.)
General Electric Company. (See Jones, Benjamin W.,
assignor.)
General Electric Company. (See Juchter, Pieter, as-
signor.)
General Electric Company. (See Judkins, Forrest H.,
assignor.)
General Electric Company. (See Kastle, Frank L., as-
signor.)
General Electric Company. (See Karash, Walter J., as-
signor.)
General Electric Company. (See Kaufmann, Richard H.,
assignor.)
General Electric Company. (See Kenefake, Edwin W.,
assignor.)
General Electric Company. (See Kent, M. F., and
Jameson, assignors.)
General Electric Company. (See Kerst, Donald W., as-
signor.)
General Electric Company. (See Killam, K. A., and
Merrill, assignors.)
General Electric Company. (See Kiltie, Ordean, as-
signor.)
General Electric Company. (See King, Robert A., as-
signor.)
General Electric Company. (See Kitani, R., Takashima
and Kaneko, assignors.)
General Electric Company. (See Kline, Halsey W., as-
signor.)
General Electric Company. (See Knight, James L., as-
signor.)
General Electric Company. (See Korndörfer, Hubert,
assignor.)
General Electric Company. (See Korte, Herman R., as-
signor.)
General Electric Company. (See Kraft, Hans, assignor.)
General Electric Company. (See Krämer, W., and
Köchling, assignors.)
General Electric Company. (See Krefft, H., and Larché,
assignors.)
General Electric Company. (See Kuehni, Hans P., as-
signor.)
General Electric Company. (See Kurtz, Lowell M., as-
signor.)
General Electric Company. (See Lake, John E., as-
signor.)
General Electric Company. (See Lange, C. W., and
Weitz, assignors.)
General Electric Company. (See Latta, Isaac R., as-
signor.)
General Electric Company. (See Leach, Edward A., as-
signor.)
General Electric Company. (See Leeds, L. M., and Schel-
dorf, assignors.)
General Electric Company. (See Leigh, Henry H., as-
signor.)
General Electric Company. (See Lemmers, Eugene, as-
signor.)
General Electric Company. (See Lennox Thomas C., as-
signor.)
General Electric Company. (See Leonard, Vincent W.,
assignor.)
General Electric Company. (See Levine, Samuel J., as-
signor.)
General Electric Company. (See Levoy, Louis G., Jr., as-
signor.)
General Electric Company. (See Lichtenfels, Ira W., as-
signor.)
General Electric Company. (See Light, Philip H., as-
signor.)
General Electric Company. (See Linde, Leonard J.,
assignor.)
General Electric Company. (See Linton, Edwin A., as-
signor.)
General Electric Company. (See Linville, Thomas M.,
assignor.)
General Electric Company. (See Livingston, Orrin W.,
assignor.)
General Electric Company. (See Lohausen, Karl-August,
assignor.)
General Electric Company. (See Lord, Harold W., as-
signor.)
General Electric Company. (See Ludbrook, Leslie C.,
assignor.)
General Electric Company. (See Lum, Walter O., as-
signor.)
General Electric Company. (See Lynch, Edward E., as-
signor.)
General Electric Company. (See Lynch, E. E., and
Thomas, assignors.)
General Electric Company. (See Macchi, Aldo, as-
signor.)
General Electric Company. (See MacDonald, C.,
McNairy, and Tritle, assignors.)
General Electric Company. (See Malloy, John J., as-
signor.)
General Electric Company. (See Mansfield, A. P., La
Pierre, Janssen, and Mead, assignors.)
General Electric Company. (See Marsh, Myrie O., as-
signor.)
General Electric Company. (See Marshaus, Anthony J.,
assignor.)
General Electric Company. (See Martin, Harold M., as-
signor.)
General Electric Company. (See Mason, C. R., and Ben-
ner, assignors.)
General Electric Company. (See Mathes, Kenneth N.,
assignor.)
General Electric Company. (See Mayer, Harry F., as-
signor.)
General Electric Company. (See Mayer, H. F., and
Gurewitsch, assignors.)
General Electric Company. (See Maynard, John E., as-
signor.)
General Electric Company. (See McArthur, Elmer D.,
assignor.)
General Electric Company. (See McConnell, Andrew J.,
assignor.)
General Electric Company. (See McFarland, George L.,
Jr., assignor.)
General Electric Company. (See McLenegan, David W.,
assignor.)
General Electric Company. (See McMahan, Kenton D.,
assignor.)
General Electric Company. (See McMahan, K. D., as-
signor.)
General Electric Company. (See Meridith, George H., as-
signor.)

- General Electric Company. (See Merrill, Frank W., assignor.)
 General Electric Company. (See Meyerhans, Robert H., assignor.)
 General Electric Company. (See Michel, Philip C., assignor.)
 General Electric Company. (See Mickey, Bruce D., assignor.)
 General Electric Company. (See Minneck, Salvatore, assignor.)
 General Electric Company. (See Mittag, Albert H., assignor.)
 General Electric Company. (See Mittermaier, Armin F., assignor.)
 General Electric Company. (See Moe, William W., assignor.)
 General Electric Company. (See Morey, Arthur H., assignor.)
 General Electric Company. (See Morse, Harold F., assignor.)
 General Electric Company. (See Morton, Lysle W., assignor.)
 General Electric Company. (See Moyer, Elmo E., assignor.)
 General Electric Company. (See Moyer, E. E., and Clymer, assignors.)
 General Electric Company. (See Moyer, E. E., and Livingston, assignors.)
 General Electric Company. (See Moyer, E. E., and Leigh, assignors.)
 General Electric Company. (See Moyer, E. E., and Schmidt, Jr., assignors.)
 General Electric Company. (See Neal, Frank C., Jr., assignor.)
 General Electric Company. (See Newell, Heber L., assignor.)
 General Electric Company. (See Newman, Delbert F., assignor.)
 General Electric Company. (See Nickle, Clifford A., assignor.)
 General Electric Company. (See Nobbs, Albert R., assignor.)
 General Electric Company. (See Nordlander, Birger W., assignor.)
 General Electric Company. (See Norgaard, Donald E., assignor.)
 General Electric Company. (See Norris, Rollin H., assignor.)
 General Electric Company. (See Norton, Francis J., assignors.)
 General Electric Company. (See Ogden, Harold S., assignor.)
 General Electric Company. (See Ogden, H. S., and Alley, assignors.)
 General Electric Company. (See Okamura, Tadao, and Sakai, assignors.)
 General Electric Company. (See Olsen, Ronald W., assignor.)
 General Electric Company. (See Oram, John H., assignor.)
 General Electric Company. (See Owens, Joseph W., assignor.)
 General Electric Company. (See Page, Harry S., assignor.)
 General Electric Company. (See Palmer, H. L., and Garman, assignors.)
 General Electric Company. (See Patnode, Winton I., assignor.)
 General Electric Company. (See Patterson, J. B., and Reid, assignors.)
 General Electric Company. (See Patzschke, W. K., and Wollfarth, assignors.)
 General Electric Company. (See Payne, John H., assignor.)
 General Electric Company. (See Pellett, Fred G., assignor.)
 General Electric Company. (See Pepper, Carl P., assignor.)
 General Electric Company. (See Perkins, Frank C., assignor.)
 General Electric Company. (See Perkinson, Thomas F., assignor.)
 General Electric Company. (See Peters, Leo R., assignor.)
 General Electric Company. (See Peterson, Harold A., assignor.)
 General Electric Company. (See Peterson, Justin, assignor.)
 General Electric Company. (See Peterson, J., and Weigel, assignors.)
 General Electric Company. (See Phelps, William D., assignor.)
 General Electric Company. (See Phillips, Edmund M., assignor.)
 General Electric Company. (See Potter, Wentworth M., assignor.)
 General Electric Company. (See Powell, Alric H., assignor.)
 General Electric Company. (See Powell, Frederic K., assignor.)
 General Electric Company. (See Powers, James H., assignor.)
 General Electric Company. (See Pratt, William H., assignor.)
 General Electric Company. (See Quentin, William R., assignor.)
 General Electric Company. (See Race, Hubert H., assignor.)
 General Electric Company. (See Rankin, William K., assignor.)
 General Electric Company. (See Rau, Arthur H., assignor.)
 General Electric Company. (See Reddington, F. W., and Finlayson, assignors.)
 General Electric Company. (See Reed, William A., assignor.)
 General Electric Company. (See Rhoads, James C., assignor.)
 General Electric Company. (See Rich, Theodore A., assignor.)
 General Electric Company. (See Rippl, Francis J., and Isaac, assignors.)
 General Electric Company. (See Roberts, Willard A., assignor.)
 General Electric Company. (See Robinson, W. H., and Anderson, assignors.)
 General Electric Company. (See Rogers, George L., assignor.)
 General Electric Company. (See Rogers, Stephen C., assignor.)
 General Electric Company. (See Rohats, Nicholas, assignor.)
 General Electric Company. (See Root, Charles S., assignor.)
 General Electric Company. (See Roper, Val J., assignor.)
 General Electric Company. (See Rosch, Arthur, assignor.)
 General Electric Company. (See Rowell, Ralph M., assignor.)
 General Electric Company. (See Ruder, W. E., and Smith, assignors.)
 General Electric Company. (See Rüttenauer, A., and Fritze, assignors.)
 General Electric Company. (See Ryan, August R., assignor.)
 General Electric Company. (See Safford, Moyer M., assignor.)
 General Electric Company. (See St. Palley, Zoltan O., assignor.)
 General Electric Company. (See Salisbury, John K., assignor.)
 General Electric Company. (See Scheiber, William J., assignor.)
 General Electric Company. (See Scheldorf, Marvel W., assignor.)
 General Electric Company. (See Schmidt, Alfred M., assignor.)
 General Electric Company. (See Schwarzhaupt, P. J., Killian, and Taylor, assignors.)
 General Electric Company. (See Scott, Carl F., assignor.)
 General Electric Company. (See Scott, K. D., and Townsend, assignors.)
 General Electric Company. (See Seaman, Joseph W., assignor.)
 General Electric Company. (See Seeley, Harold T., assignor.)
 General Electric Company. (See Serfling, G. R., and Schuk, assignors.)
 General Electric Company. (See Shaffer, Paul B., assignor.)
 General Electric Company. (See Sheldon, Lucian A., assignor.)
 General Electric Company. (See Short, Thomas T., assignor.)
 General Electric Company. (See Shoults, D. R., and Crever, assignors.)
 General Electric Company. (See Shoults, D. R., and Mansfield, assignors.)
 General Electric Company. (See Simkins, Stephen V. R., and Harris, assignors.)
 General Electric Company. (See Simpson, W. P., and Stewart, assignors.)
 General Electric Company. (See Sitterson, C. B., Jr., and Berry, assignors.)
 General Electric Company. (See Skeats, Wilfred F., assignor.)
 General Electric Company. (See Slinger, Robert N., assignor.)
 General Electric Company. (See Smith, Chester W., assignor.)
 General Electric Company. (See Smith, Henry M., assignor.)
 General Chemical Company. (See Smith, Lee B., assignor.)
 General Electric Company. (See Smith, R. W., and Sroman, assignors.)
 General Electric Company. (See Smith, S. R., Jr., and Craig, assignors.)
 General Electric Company. (See Spencer, Charles D., assignor.)
 General Electric Company. (See Staak, Julius H., assignor.)
 General Electric Company. (See Stanton, Myles J., assignor.)
 General Electric Company. (See Starie, George B., assignor.)

- General Electric Company. (See Steadwell, Elery, assignor.)
- General Electric Company. (See Steenstrup, Carl H., assignor.)
- General Electric Company, The. (See Stenning, Luis C., assignor.)
- General Electric Company. (See Stiles, Harry L., assignor.)
- General Electric Company. (See Stimson, Allen G., assignor.)
- General Electric Company. (See Stratton, Jerry L., assignor.)
- General Electric Company. (See Strobel, Rudolph W., assignor.)
- General Electric Company. (See Stroehlen, Richard, assignor.)
- General Electric Company. (See Summerhayes, Harry R., assignor.)
- General Electric Company. (See Summerhayes, Harry R., Jr., assignor.)
- General Electric Company. (See Summers, Claude M., assignor.)
- General Electric Company. (See Taylor, Laurens A., assignor.)
- General Electric Company. (See Temple, E. J., and St. Palley, assignors.)
- General Electric Company. (See Thayer, Richard N., assignor.)
- General Electric Company. (See Thomas, H. C., and Lynch, assignors.)
- General Electric Company. (See Thompson, Louis W., assignor.)
- General Electric Company. (See Thorson, Harry L., assignor.)
- General Electric Company. (See Thumlin, Carl, assignor.)
- General Electric Company. (See Thumlin, C., and Barelett, assignors.)
- General Electric Company. (See Thumlin, C., Frank, and Boisseau, assignors.)
- General Electric Company. (See Townsend, George R., assignor.)
- General Electric Company. (See Townsend, Mark A., assignor.)
- General Electric Company. (See Traver, Oliver C., assignor.)
- General Electric Company. (See Treanor, Edward D., assignor.)
- General Electric Company. (See Trekell, Harold E., assignor.)
- General Electric Company. (See Tittle, John F., assignor.)
- General Electric Company. (See Troy, Matthew O., assignor.)
- General Electric Company. (See Uhlig, Harry W., assignor.)
- General Electric Company. (See Van Horn, Irving H., assignor.)
- General Electric Company. (See Van Nest, Francis H., assignor.)
- General Electric Company. (See Vienneau, Jacob J., assignor.)
- General Electric Company. (See Wall, Alexander C., assignor.)
- General Electric Company. (See Walle, Ludwig S., assignor.)
- General Electric Company. (See Wardwell, George W., Jr., assignor.)
- General Electric Company. (See Wardwell, G. W., Jr., and Filla, assignors.)
- General Electric Company. (See Warner, Russell A., assignor.)
- General Electric Company. (See Warner, Wilbur W., assignor.)
- General Electric Company. (See Warren, Glenn B., assignor.)
- General Electric Company. (See Warrington, Albert R. Van C., assignor.)
- General Electric Company. (See Warrington, A. R. van C., assignor.)
- General Electric Company. (See Weed, James M., assignor.)
- General Electric Company. (See Weeks, Walter R., assignor.)
- General Electric Company. (See Welch, Alanson U., Jr., assignor.)
- General Electric Company. (See Weil, Fritz, assignor.)
- General Electric Company. (See Weller, Irving F., assignor.)
- General Electric Company. (See West, Clifford S., assignor.)
- General Electric Company. (See Westendorp, Willem F., assignor.)
- General Electric Company. (See Westerlund, Einar J., assignor.)
- General Electric Company. (See Whitley, A. L., and Higgins, assignors.)
- General Electric Company. (See Wickler, H., and Heymann, assignors.)
- General Electric Company. (See Wild, Albert F., assignor.)
- General Electric Company. (See Williams, E. A., and Schuck, assignors.)
- General Electric Company. (See Winter, Fred H., assignor.)
- General Electric Company. (See Witherow, Harry M., assignor.)
- General Electric Company. (See Woodrow, Charles A., assignor.)
- General Electric Company. (See Woodworth, John L., assignor.)
- General Electric Company. (See Wright, Daniel K., assignor.)
- General Electric Company. (See Würth, Wilhelm, assignor.)
- General Electric Company. (See Wyman, Bryce W., assignor.)
- General Electric Company. (See Yarian, Carlos S., assignor.)
- General Electric Company. (See Young, William R., assignor.)
- General Electric Company Limited, The. (See Fairbairn, Eric P., assignor.)
- General Electric Company Limited, The. (See Rose, A. H., assignor.)
- General Electric Company Limited, The. (See Turner, H. C., and Fielding, assignors.)
- General Electric Corporation. (See Worcester, Joseph A., Jr., assignor.)
- General Electric X-Ray Corporation. (See Abbott, Frank R., assignor.)
- General Electric X-Ray Corporation. (See Atlee, Zed J., assignor.)
- General Electric X-Ray Corporation. (See Atlee, Z. J., and Abbott, assignors.)
- General Electric X-Ray Corporation. (See Atlee, Z. J., and Brackney, assignors.)
- General Electric X-Ray Corporation. (See Atlee, Z. J., and Wilson, assignors.)
- General Electric X-Ray Corporation. (See Boeker, Harold T., assignor.)
- General Electric X-Ray Corporation. (See Files, Glenn W., assignor.)
- General Electric X-Ray Corporation. (See Gosling, J. B., and Brackney, assignors.)
- General Electric X-ray Corporation. (See Grobe, Julius J., assignor.)
- General Electric X-Ray Corporation. (See Klzaur, Arthur J., assignor.)
- General Electric X-Ray Corporation. (See Lunick, Michael J., assignor.)
- General Engineering Company. (See Harvey, Frank M., assignor.)
- General Engineering & Mfg. Co. (See Schreiber, J. H., and Dean, assignors.)
- General Export Supply Company. (See Ekstedt, John W. and K. W., assignors.)
- General Fibre Box Company. (See Morgan, James J., assignor.)
- General Fire Extinguisher Company. (See Borg, Gustave A., assignor.)
- General Fireproofing Company, The. (See Straubel, Clarence W., assignor.)
- General Foods Corporation. (See Berry, N. E., and Vivian, assignors.)
- General Foods Corporation. (See Davison, Sidney M., assignor.)
- General Foods Corporation. (See Olsen, A. G., and Fehlborg, assignors.)
- General Foods Corporation. (See Olsen, A. G., and Rector, assignors.)
- General Foods Corporation. (See Rector, Thomas M., assignor.)
- General Foods Corporation. (See Stagemer, Arthur F., assignor.)
- General Ice Cream Corporation. (See Bayer, A. H., and Beyette, assignors.)
- General Industries Company, The. (See Carrington, Blake W., assignor.)
- General Industries Company, The. (See Green, Lee B., assignor.)
- General Industries Company, The. (See Hartman, H. L., and Bender, assignors.)
- General Industries Company, The. (See Marsh, Orlo W., assignor.)
- General Industries Company, The. (See Roe, Howard A., assignor.)
- General Instrument Corporation. (See Glaser, Leo B., assignor.)
- General Latex and Chemical Corporation. (See Bitter, R. E., and MacLeod, assignors.)
- General Luminescent Corporation. (See Hultgren, R. C., and Isenberg, assignors.)
- General Machinery Corporation. (See Feroy, Arne, assignor.)
- General Machinery Ordnance Corporation. (See Welland, Alfred, assignor.)
- General Mills, Inc. (See Andrews, J. S., Evans, and Huber, assignors.)
- General Mills, Inc. (See Binnington, Donald S., assignor.)
- General Mills, Inc. (See Bochardt, Lester F., assignor.)
- General Mills, Inc. (See Carlson, W. A., and Salo, assignors.)
- General Mills, Inc. (See Ferrari, C. G., and Hutchinson, assignors.)
- General Mills, Inc. (See James, Thomas R., assignor.)

- General Mills, Inc. (See James, T. R., and Desjardins, assignors.)
 General Mills, Inc. (See Long, George, assignor.)
 General Mills, Inc. (See Snyder, Donald J., assignor.)
 General Mills, Inc. (See Staff, C., and Dewes, assignors.)
 General Motors Corporation. (See Abplanalp, John, assignor.)
 General Motors Corporation. (See Adams, Charles O., assignor.)
 General Motors Corporation. (See Alexander, D. F., Gould, and Hornaday, assignors.)
 General Motors Corporation. (See Arnold, C. F., and Kortkamp, assignors.)
 General Motors Corporation. (See Arthur, J. L., and Schroppe, assignors.)
 General Motors Corporation. (See Babitch, A. M., and Harry, assignors.)
 General Motors Corporation. (See Bayes, William, assignor.)
 General Motors Corporation. (See Belderman, Edward G., assignor.)
 General Motors Corporation. (See Blackmore L., and Kristek, assignors.)
 General Motors Corporation. (See Blanchard, Werner J., assignor.)
 General Motors Corporation. (See Blomberg, Martin P., assignor.)
 General Motors Corporation. (See Bluemle, Arnold A., assignor.)
 General Motors Corporation. (See Bluemle, A. A., and Brown, assignors.)
 General Motors Corporation. (See Boegehold, Alfred L., assignor.)
 General Motors Corporation. (See Bowen, Grville R., assignor.)
 General Motors Corporation. (See Brackett, Tracy F., assignor.)
 General Motors Corporation. (See Bradford, Z. C., Werner, and Sleeter, assignors.)
 General Motors Corporation. (See Braun, Frederick W., assignor.)
 General Motors Corporation. (See Broedling, William E., assignor.)
 General Motors Corporation. (See Brown, Benjamin G., assignor.)
 General Motors Corporation. (See Burge, James S., assignor.)
 General Motors Corporation. (See Butterfield, Kenneth C., assignor.)
 General Motors Corporation. (See Canner, Robert R., assignor.)
 General Motors Corporation. (See Carlson, Wilbur L., assignor.)
 General Motors Corporation. (See Carney, Clifford R., assignor.)
 General Motors Corporation. (See Chambers, Jewel C., assignor.)
 General Motors Corporation. (See Chilton, Ralph H., assignor.)
 General Motors Corporation. (See Chilton, William D., assignor.)
 General Motors Corporation. (See Clark, Harry F., assignor.)
 General Motors Corporation. (See Clayton, Paul M., assignor.)
 General Motors Corporation. (See Clayton, Edward M., assignor.)
 General Motors Corporation. (See Claytor, E. M., and Antonidis, assignors.)
 General Motors Corporation. (See Claytor, E. M., and Rudy, assignors.)
 General Motors Corporation. (See Cobb, Leland D., assignor.)
 General Motors Corporation. (See Coleman, John D., assignor.)
 General Motors Corporation. (See Coleman, J. D., and Ewing, assignors.)
 General Motors Corporation. (See Cowin, Stuart H., assignor.)
 General Motors Corporation. (See Cramer, Paul L., assignor.)
 General Motors Corporation. (See Cramer, Raymond H., assignor.)
 General Motors Corporation. (See Dasher, Don E., assignor.)
 General Motors Corporation. (See Demann, Clemens B., assignor.)
 General Motors Corporation. (See Dermond, Lawrence C., assignor.)
 General Motors Corporation. (See Dermond, L. C., and Thornburg, assignors.)
 General Motors Corporation. (See Dilworth, Richard M., assignor.)
 General Motors Corporation. (See Dolza, John, assignor.)
 General Motors Corporation. (See Dyar, John B., assignor.)
 General Motors Corporation. (See Edmundson, William C., assignor.)
 General Motors Corporation. (See Edyvean, Wilfred B., assignor.)
 General Motors Corporation. (See Elfas, D. B., and Swigert, assignors.)
 General Motors Corporation. (See Erickson, G., and Sheeley, assignors.)
 General Motors Corporation. (See Eshbaugh, J. E., and Walker, assignors.)
 General Motors Corporation. (See Falge, R. N., Onksen, Jr., and Slone, assignors.)
 General Motors Corporation. (See Ferguson, Otto C., assignor.)
 General Motors Corporation. (See Ferris, Donald K., assignor.)
 General Motors Corporation. (See Fessler, A. H., and Watts, assignors.)
 General Motors Corporation. (See Gaugler, Richard S., assignor.)
 General Motors Corporation. (See Gerard, Frank W., assignor.)
 General Motors Corporation. (See Gerard, F. W., Rataiczak, and Schweller, assignors.)
 General Motors Corporation. (See Geyer, Harvey D., assignor.)
 General Motors Corporation. (See Gould, Richard E., assignor.)
 General Motors Corporation. (See Gould, R. E., and Henney, assignors.)
 General Motors Corporation. (See Graf, Edwin L., assignor.)
 General Motors Corporation. (See Grandy, Levi R., assignor.)
 General Motors Corporation. (See Grooms, Albert O., assignor.)
 General Motors Corporation. (See Haeger, Frank W., assignor.)
 General Motors Corporation. (See Hardy, Vaughn H., assignor.)
 General Motors Corporation. (See Harrold, Marshall C., assignor.)
 General Motors Corporation. (See Hartzell, Herman L., assignor.)
 General Motors Corporation. (See Helgeby, Ralph O., assignor.)
 General Motors Corporation. (See Henney, Charles F., assignor.)
 General Motors Corporation. (See Hill, F. E., and da Rosa, assignors.)
 General Motors Corporation. (See Hill, Robert H., assignor.)
 General Motors Corporation. (See Holmes, J. Q., and Wiegand, assignors.)
 General Motors Corporation. (See Hope, L. F., Van Dextrift, and Huber, assignors.)
 General Motors Corporation. (See Hornaday, James R., assignor.)
 General Motors Corporation. (See Howard, H. F., and Richards, assignors.)
 General Motors Corporation. (See Hull, Harry B., assignor.)
 General Motors Corporation. (See Hull, Raouel B., assignor.)
 General Motors Corporation. (See Jorgensen, Clarence H., assignor.)
 General Motors Corporation. (See Jorilemon, Earl W., assignor.)
 General Motors Corporation. (See Joyce, William J., Jr., assignor.)
 General Motors Corporation. (See Joyce, W. J., and Geyer, assignors.)
 General Motors Corporation. (See Kamrath, Herbert G., assignor.)
 General Motors Corporation. (See Kaufman, Daniel L., assignor.)
 General Motors Corporation. (See Keighley, Lloyd M., assignor.)
 General Motors Corporation. (See Knobel, M., and Packard, assignors.)
 General Motors Corporation. (See Koehring, Roland P., assignor.)
 General Motors Corporation. (See Kucher, Andrew A., assignor.)
 General Motors Corporation. (See Landell, Stanford, assignor.)
 General Motors Corporation. (See Lange, William F., assignor.)
 General Motors Corporation. (See Lauer, Carleton J., assignor.)
 General Motors Corporation. (See Leach, Albert E., assignor.)
 General Motors Corporation. (See Leatherman, Earl R., assignor.)
 General Motors Corporation. (See Lenz, A., and Miller, assignors.)
 General Motors Corporation. (See Lignian, Jean A., assignor.)
 General Motors Corporation. (See Lillquist, Torsten O., assignor.)
 General Motors Corporation. (See Lundius, Alton H., assignor.)
 General Motors Corporation. (See Mackie, David S., assignor.)
 General Motors Corporation. (See MacPherson, Earle S., assignor.)
 General Motors Corporation. (See Mann, Cecil A., assignor.)
 General Motors Corporation. (See Manney, David H., assignor.)

- General Motors Corporation. (See Manning, William H., assignor.)
- General Motors Corporation. (See Martin, Edward J., assignor.)
- General Motors Corporation. (See Martin, E. J., and Dietz, assignors.)
- General Motors Corporation. (See Marvin, John T., assignor.)
- General Motors Corporation. (See Marvin, J. T., and Shaw, assignors.)
- General Motors Corporation. (See Maurer, Bernard L., assignor.)
- General Motors Corporation. (See McCormack, Alex A., assignor.)
- General Motors Corporation. (See McCormack, A. A., and Gould, assignors.)
- General Motors Corporation. (See McCormick, Francis H., assignor.)
- General Motors Corporation. (See McDougal, Taine G., assignor.)
- General Motors Corporation. (See McDougal, T. G., and Schwartzwalder, assignors.)
- General Motors Corporation. (See McKinley, Charles W., assignor.)
- General Motors Corporation. (See McKinley, C. W., and Brian, assignors.)
- General Motors Corporation. (See Mears, William T., assignor.)
- General Motors Corporation. (See Meeder, Thomas W., assignor.)
- General Motors Corporation. (See Menzies, W. E., and Werner, assignors.)
- General Motors Corporation. (See Meyer, Engelbert A., assignor.)
- General Motors Corporation. (See Morgan, Harry C., assignor.)
- General Motors Corporation. (See Nichols, C. A., and Fauset, assignors.)
- General Motors Corporation. (See Nichols, C. A., and Weiser, assignors.)
- General Motors Corporation. (See Ogden, J., and Wilkins, assignors.)
- General Motors Corporation. (See Olley, M., and Gibson, assignors.)
- General Motors Corporation. (See Olt, Richard G., assignor.)
- General Motors Corporation. (See Onksen, George W. Jr., and Goris, assignors.)
- General Motors Corporation. (See Owens, J. C., and Schomer, assignors.)
- General Motors Corporation. (See Pearce, George C., assignor.)
- General Motors Corporation. (See Pearson, Frank C., assignor.)
- General Motors Corporation. (See Perrine, Lester E., assignor.)
- General Motors Corporation. (See Plexico, R. S., assignor.)
- General Motors Corporation. (See Poole, Lora E., assignor.)
- General Motors Corporation. (See Pritchard, W. C., and Daily, assignors.)
- General Motors Corporation. (See Rabezana, Hector, assignor.)
- General Motors Corporation. (See Rabezana, H., and Battery, assignors.)
- General Motors Corporation. (See Raby, William J., assignor.)
- General Motors Corporation. (See Randolph, Donald W., assignor.)
- General Motors Corporation. (See Rasmussen, Olaf, assignor.)
- General Motors Corporation. (See Rassweiler, G. M., and Fawcley, assignors.)
- General Motors Corporation. (See Reeves, Donald H., assignor.)
- General Motors Corporation. (See Reynolds, Edward F., assignor.)
- General Motors Corporation. (See Reynolds, Harold A., assignor.)
- General Motors Corporation. (See Ripplingille, Edward V., assignor.)
- General Motors Corporation. (See Roedding, Gordon E., assignor.)
- General Motors Corporation. (See Rydner, Gustaf, assignor.)
- General Motors Corporation. (See Sahlin, Henry, assignor.)
- General Motors Corporation. (See Sampson, Frederick W., assignor.)
- General Motors Corporation. (See Saxe, Frederick, assignor.)
- General Motors Corporation. (See Schilling, Robert, assignor.)
- General Motors Corporation. (See Schwartzwalder, Karl, assignor.)
- General Motors Corporation. (See Schwartzwalder, K., and Fessler, assignors.)
- General Motors Corporation. (See Schwartzwalder, K., and Smith, assignors.)
- General Motors Corporation. (See Schwarz, B. A., and Fichter, assignors.)
- General Motors Corporation. (See Schweller, Edmund F., assignor.)
- General Motors Corporation. (See Shaw, Arthur R., assignor.)
- General Motors Corporation. (See Shippy, Leo C., assignor.)
- General Motors Corporation. (See Short, Brooks H., assignor.)
- General Motors Corporation. (See Simpson, Emory G., assignor.)
- General Motors Corporation. (See Smith, Harry F., assignor.)
- General Motors Corporation. (See Smith, Nelson J., assignor.)
- General Motors Corporation. (See Smith, Robert F., assignor.)
- General Motors Corporation. (See Smith, Rolf M., assignor.)
- General Motors Corporation. (See Stickel, Carl A., assignor.)
- General Motors Corporation. (See Stolte, Richard C., assignor.)
- General Motors Corporation. (See Talmage, Charles R., assignor.)
- General Motors Corporation. (See Taylor, R. P., and Bingham, assignors.)
- General Motors Corporation. (See Terry, R. H., and Henry, assignors.)
- General Motors Corporation. (See Thornburg, Herbal A., assignor.)
- General Motors Corporation. (See Tormyn, Herman, assignor.)
- General Motors Corporation. (See Trigg, Chester S., assignor.)
- General Motors Corporation. (See Underwood, Arthur F., assignor.)
- General Motors Corporation. (See Valusek, Ladd J., assignor.)
- General Motors Corporation. (See Van Berg, William, assignor.)
- General Motors Corporation. (See Werner, Calvin J., assignor.)
- General Motors Corporation. (See Wening, Herman E., assignor.)
- General Motors Corporation. (See White, Joe, assignor.)
- General Motors Corporation. (See Wilson, Ernest E., assignor.)
- General Motors Corporation. (See Winkelmeyer, Robert D., assignor.)
- General Motors Corporation. (See Wurtz, Clifford H., assignor.)
- General Printing Ink Corporation. (See Nest, Richard E., assignor.)
- General Printing Ink Corporation. (See Annick, Michael, assignor.)
- General Printing Ink Corporation. (See Barmel, Floyd D., assignor.)
- General Printing Ink Corporation. (See Hill, Frederick W., assignor.)
- General Printing Ink Corporation. (See Irion, Clarence E., assignor.)
- General Printing Ink Corporation. (See Stockmayer, Hugo, assignor.)
- General Printing Ink Corporation. (See Wekeman, Stephen N., assignor.)
- General Properties Company, Inc. (See Mantle, Gregory D., assignor.)
- General Properties Company, Inc. (See Mount, Alfred, assignor.)
- General Properties Company. (See Munford, Theodore W., assignor.)
- General Properties Company. (See Weller, Harvy C., assignor.)
- General Railway Signal Company. (See Branson, Edward H., assignor.)
- General Railway Signal Company. (See Brixner, Frederick W., assignor.)
- General Railway Signal Company. (See Bushnell, Charles S., assignor.)
- General Railway Signal Company. (See Coley, Nelson B., assignor.)
- General Railway Signal Company. (See Field, Oscar S., assignor.)
- General Railway Signal Company. (See Henry, William S., assignor.)
- General Railway Signal Company. (See Hewes, Ralph W., assignor.)
- General Railway Signal Company. (See Judge, Thomas Howard M., assignor.)
- General Railway Signal Company. (See Judge, Thomas J., assignor.)
- General Railway Signal Company. (See Little, R. J., and Judge, assignors.)
- General Railway Signal Company. (See Merkel, Joseph F., assignor.)
- General Railway Signal Company. (See Moore, E. W., and Knapp, assignors.)
- General Railway Signal Company. (See Pickell, Clark A., assignor.)
- General Railway Signal Company. (See Smith, P. W., assignor.)
- General Railway Signal Company. (See Stephenson, James E., assignor.)
- General Railway Signal Company. (See Wight, Sedgwick N., assignor.)
- General Refractories Company. (See Fitzgerald, Alex E., assignor.)

- General Register Corporation. (See Helsel, Reuben H., assignor.)
- General Spring Corporation. (See Wood, Joseph K., assignor.)
- General Steel Castings Corporation. (See Bartell, Harry R., assignor.)
- General Steel Castings Corporation. (See Cease, Robert R., assignor.)
- General Steel Castings Corporation. (See Hallquist, Einar G., assignor.)
- General Steel Castings Corporation. (See Krauthelm, William C., assignor.)
- General Steel Castings Corporation. (See Nystrom, K. F., (Beckette, assignor), and Green.)
- General Steel Castings Corporation. (See Pflager, Harry M., assignor.)
- General Steel Castings Corporation. (See Schleicher, E. J., and Frede, assignors.)
- General Steel Castings Corporation. (See Sheehan, W. M., and Wharton, assignors.)
- General Steel Castings Corporation. (See Travilla, James C., Jr., assignor.)
- General Steel Castings Corporation. (See Travilla, J. C., Jr., assignor) and Jabelmann.
- General Steel Casting Corporation. (See Travilla, J. C., Jr., and Doerr, assignors.)
- General Steel Castings Corporation. (See Travilla, J. C., Jr., and Jackson, assignors.)
- General Strapping Corporation. (See Watt, B. L., and Osgood, assignors.)
- General Timber Service, Inc. (See MacKenzie, Neal T., assignor.)
- General Timber Service, Inc. (See MacKenzie, N. T., and Hall, assignors.)
- General Time Instruments Corporation. (See Eidmann, F. L., and Engel, assignors.)
- General Time Instruments Corporation. (See Hutt, Arthur R., assignor.)
- General Time Instruments Corporation. (See Larson, Grover C., assignor.)
- General Time Instruments Corporation. (See Lorenz, R. L., (Oster, and Denniston, assignors.)
- General Time Instruments Corporation. (See Menard, L. C., and Seibert, assignors.)
- General Time Instruments Corporation. (See Schlenker, Max, assignor.)
- General Tire & Rubber Company, The. (See Beck, Howard G., assignor.)
- General Tire & Rubber Company, The. (See Breth, Walter J., assignor.)
- General Tire & Rubber Company, The. (See Brown, R. W., and Iredell, assignors.)
- General Tire & Rubber Company, The. (See Bush, Russell J., assignor.)
- General Tire & Rubber Company, The. (See Dodge, Howard M., assignor.)
- General Tire & Rubber Company, The. (See Dodge, J., assignor.)
- General Tire & Rubber Company, The. (See Iredell, R., and Kraft, assignors.)
- General Tire & Rubber Company, The. (See Jahant, Charles J., assignor.)
- General Tire & Rubber Company, The. (See Kraft, Herman T., assignor.)
- General Tire & Rubber Company, The. (See Orr, Glenn H., assignor.)
- General Tire & Rubber Company. (See Pelk, Paul G., assignor.)
- General Tire & Rubber Company, The. (See Roth, C. H., and Breth, assignors.)
- General Tire & Rubber Company, The. (See Swart, Gilbert H., assignor.)
- General Tool & Rubber Company, The. (See Wheatley, George, assignor.)
- General Tool & Manufacturing Company. (See Ekstedt, John W., assignor.)
- General Vender Mfg. Co. (See Melchert, Charles A., assignor.)
- General Vender Manufacturing Company. (See Witte, William H., assignor.)
- Genest, Adrien. (See Genest, Aime, and Adrien.)
- Genest, Aime, and Aime, Montreal, Quebec, Canada. Automatic multiple outlet valve. 2,313,142; Mar. 9.
- Genest, Homer A., Danbury, Conn., assignor to United States Hat Machinery Corporation, New York, N. Y. Machine for shrinking and felting hat bats. 2,325,909; Aug. 3.
- Geneva Processes, Inc. (See McLean, William A., assignor.)
- Genin, Trudeau & Cie Ltee. (See Reid, J. V., and Richei, assignors.)
- Gent, Edgar W., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pneumatic ticket sending and receiving valve. 2,310,417; Feb. 9.
- Gent, Edgar W., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Blower device. 2,321,907; June 15.
- Gent, Edgar W., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Hand tool for testing springs. 2,325,125; July 27.
- Gent, Edgar W., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pneumatic ticket receiving valve. 2,337,883; Dec. 28.
- Gent, Oscar L., Tulsa, Okla. Wall. 2,317,907; Apr. 27.
- Gentle, Johan G. W., assignor to International Vato Aktiebolag, Stockholm, Sweden. Production of cooked foods in a dried state. 2,308,601; Jan. 19.
- Genter, Albert H., Mt. Lebanon Township, Allegheny County, Pa. Fused feeder tap. 2,313,333; Mar. 9.
- Genter, Albert H., Mt. Lebanon, Pa. Car stop. 2,313,334; Mar. 9.
- Genter, Harold C. (See Sardeson, Robert, assignor.)
- Gentil, Henri L., Cardiff, Wales, assignor to Alloy Processes Limited, Alderbourne, Buckinghamshire, England. Distillation and condensation of metals. 2,312,811; Mar. 2.
- Gentile, Scipio S., North College Hill, Ohio. Venetian blind. 2,326,454; Aug. 10.
- Gentry, Cleo J., assignor of one-half to F. E. Stone, Porterville, Calif. Airplane propeller. 2,321,668; June 15.
- Geochemical Service Corporation. (See Pirson, Sylvain J. G., assignor.)
- Geoffron, Arthur J., Flower Hill, N. Y. Spring bar for wrist watches. 2,308,505; Jan. 19.
- Georg, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Piston for wheel cylinders and the like. 2,308,875; Jan. 19.
- Geophysical Research Corporation. (See Blondeau, Ernest E., assignor.)
- Geophysical Research Corporation. (See Born, William T., assignor.)
- Geophysical Research Corporation. (See Weatherby, B. B., and Born, assignors.)
- Geophysical Service Incorporated. (See Renner, Darwin S., assignor.)
- George, Anthony, Cincinnati, Ohio, assignor to The Lithographic Technical Foundation, Inc., New York, N. Y. Making deep-etched lithographic plates. 2,334,405; Nov. 16.
- George, Charles L. (See Hollmann, H., Van Voorhis, George, and Gerdeman.)
- George, Frederick D., Sacramento, Calif., assignor to Intertype Corporation, Brooklyn, N. Y. Typographical composing machine. 2,314,536; Mar. 23.
- George, James E., South Charleston, W. Va., assignor to Westvaco Chlorine Products Corporation, New York, N. Y. Evaporator. 2,326,024; Aug. 3.
- George, Percy F., assignor to The Dow Chemical Company, Midland, Mich. Protecting light metal surfaces from corrosion. 2,331,270; Oct. 5.
- George, Percy F., assignor to The Dow Chemical Company, Midland, Mich. Protecting light-metal surfaces. 2,335,826; Nov. 30.
- George, Ralph W., Riverhead, N. Y., assignor to Radio Corporation of America. Measurement and recording of transient peak voltages. 2,323,762; July 6.
- George, Richard S. (See Crandall, G. S., George, and Nygaard.)
- George, Richard S., State College, Pa., assignor to Socony Vacuum Oil Company, Incorporated, New York, N. Y. Making organic thionitrates. 2,307,624; Jan. 5.
- George, Richard S., State College, Pa., and G. S. Crandall and E. M. Nygaard, Woodbury, N. J., assignors to Socony Vacuum Oil Company, Incorporated, New York, N. Y. Preparing organic thionitrates. 2,325,391; July 27.
- George, Roscoe H., West Lafayette, Ind., assignor to Radio Corporation of America. Electronic device. 2,307,209; Jan. 5.
- George, Roscoe H., assignor to Purdue Research Foundation, West Lafayette, Ind. Static elimination. 2,309,584; Jan. 26.
- George, Roscoe H., West Lafayette, Ind., assignor to Radio Corporation of America. Modulated transmitter. 2,320,518; June 1.
- George, Roscoe H., and W. M. Hesselberth, West Lafayette, Ind., assignors to Radio Corporation of America. Cathode ray tube. 2,319,811; May 25.
- George, Thomas J. (See Hammond, L., and George.)
- George, Walter C., St. Louis, and F. R. Buhrmaster, Webster Groves, assignors to Gaylord Container Corporation, St. Louis, Mo. Knockdown crated carton. 2,316,853; Apr. 20.
- George, Walter C., St. Louis, and F. R. Buhrmaster, Webster Groves, assignors to Gaylord Container Corporation, St. Louis, Mo. Knockdown crated carton. 2,316,854; Apr. 20.
- Georges, Auguste F., Uccle-Brussels, Belgium; vested in the Alien Property Custodian. Speed varying devices. 2,325,502; July 27.
- Georgi, Edmund A., Wilmington, and A. L. Osterhof, Newark, assignors to Hercules Powder Company, Wilmington, Del. Heat-treated rosin size. 2,337,040; Dec. 21.
- Georgiou, Paul E., Salt Lake City, Utah. Envelope. 2,330,045; Sept. 21.
- Gerahty, James D., assignor to Aquatray, Incorporated, New York, N. Y. Ash tray. 2,329,602; Sept. 14.
- Gerahty, James D., assignor to Aquatray, Incorporated, New York, N. Y. Ash tray. 2,329,603; Sept. 14.
- Gerahty, James D., New York, N. Y. Container. 2,334,817; Nov. 23.
- Geraldson, Gerald, Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Quick detachable coupling. 2,320,968; June 1.

- Gerard, Frank W., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,321,137; June 8.
- Gerard, Frank W., Oakwood, F. I. Ratkiewicz, and S. M. Schwab, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,313,932; Mar. 16.
- Gerard, Frank W., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,319,498; May 18.
- Gerb, Lothar, Berlin-Charlottenburg, Germany, assignor to The Permutit Company, New York, N. Y. Carrying out anion exchange reactions. 2,323,990; July 13.
- Gerber, Dale C., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,330,701; Sep. 28.
- Gerber, John, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Aircraft fuselage construction. 2,327,636; Aug. 24.
- Gerber, John H., Charlotte, N. C. Variable speed mechanism. 2,324,074; July 13.
- Gerber, Paul D., Woodbury, N. J., assignor to Radio Corporation of America. Apparatus for examining quartz. 2,313,143; Mar. 9.
- Gerber Products Company. (See Baker, Kenneth E., assignor.)
- Gerdehan, Ralph O. (See Hollmann, H., Van Voorhis, George, and Gerdehan.)
- Gerecs, Árpád. (See Földi, Z., Gerecs, Demjén, and König.)
- Gerecs, Miksa, Budapest, Hungary; vested in the Alien Property Custodian. Closing and clamping device. 2,319,316; May 18.
- Gerhard, Anthony E., Los Angeles, Calif., and E. C. Prain, Hicksville, N. Y., assignors to Press Wireless, Inc., Chicago, Ill. Facsimile transmitting and reproducing system, method, and apparatus. 2,334,818; Nov. 23.
- Gerhard, Charles E., Glenside, assignor to Philco Corporation, Philadelphia, Pa. Method and apparatus for storing ice cubes. 2,322,626; June 23.
- Gerhard, Ernst, Berlin, Germany; vested in the Alien Property Custodian. Duplex radio communication. 2,311,435; Feb. 16.
- Gerhart, Howard L., and W. W. Bauer, Milwaukee, Wis., assignors to Pittsburgh Plate Glass Company. Treating styrene-unsaturated dicarboxylic acid resins. 2,320,734; June 1.
- Gerhold, Alfred, London, England. Screw and the like. 2,308,914; Jan. 10.
- Gerhold, Clarence G., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,323,586; Nov. 9.
- Gerhold, Clarence G., and B. J. Flock, assignors to Universal Oil Products Company, Chicago, Ill. Separation of selected components from hydrocarbon mixtures. 2,322,354; June 22.
- Gerich, Valentine, New York, N. Y. Sectional boiler. 2,314,581; Mar. 23.
- Gerich, Valentine, New York, N. Y. Two-way driftpin, swaging, and aligning tool. 2,314,582; Mar. 23.
- Gerjats, Mary P. (See McCulloch, John T., assignor.)
- Gerke, Roscoe H., Nutley, N. J., assignor to United States Rubber Company, New York, N. Y. Manufacture of rubber. 2,315,849; Apr. 6.
- Gerke, Roscoe H., Nutley, N. J., assignor to United States Rubber Company, New York, N. Y. Manufacture of rubber. 2,315,850; Apr. 6.
- Gerking, Donald V., Indianapolis, Ind. Saw carrier and dispenser. 2,333,099; Nov. 2.
- Gerlach, Erwin, Berlin, Germany; vested in the Alien Property Custodian. Condenser microphone. 2,335,662; Nov. 30.
- Gerlinger, Carl F., Dallas, Oreg. Apparatus for pre-heating and handling asphalt, heavy oil, and like viscous material. 2,321,908; June 15.
- Germany, Arthur, Houston, Tex. Sucker rod coupling. 2,315,414; Mar. 30.
- Germeshausen, Kenneth J., Newton Center, Mass. Translator. 2,329,526; Sept. 14.
- Germeshausen, Kenneth J., Cambridge, Mass. Stroboscope. 2,331,317; Oct. 12.
- Germeshausen, Kenneth J., Cambridge, assignor to Raytheon Manufacturing Company, Newton, Mass. Igniter mercury-pool tubes. 2,325,603; Aug. 3.
- Germeshausen, Kenneth J., and H. E. Grier, Cambridge, Mass. Gaseous electrical discharge tube system. 2,331,771; Oct. 12.
- Gerner, Niels, Euclid, Ohio. Combined ash tray and safety means. 2,327,036; Aug. 17.
- Gerold, Lawrence, assignor to The Crane & Breed Casket Company, Cincinnati, Ohio. Cap panel for caskets. 2,338,035; Dec. 28.
- Gerow, Theron G., assignor to Kensington Steel Company, Chicago, Ill. Rack and pinion for excavating shovel handles. 2,315,781; Apr. 6.
- Gerrard Industries Limited. (See Willcox, Thomas, W. J., assignor.)
- Gerrer, John H., Shawnee, Okla., assignor to G. E. Bullock, Rochester, N. Y. Spray disk for spray valves. 2,308,476; Jan. 12.
- Gerry, William R., assignor to Shakespeare Products Company, Kalamazoo, Mich. Control mechanism. 2,325,671; Aug. 3.
- Gersbach, Herbert A., Malverne Park, assignor to Percy Manufacturing Company, Inc., New York, N. Y. Turnstile. 2,309,893; Feb. 2.
- Gersbach, Herbert A., Malverne Park, assignor to Percy Manufacturing Company, Inc., New York, N. Y. Token control mechanism. 2,319,541; May 18.
- Gershon, Victor P., New York, N. Y. Liquid treatment apparatus. 2,311,532; Feb. 16.
- Gersman, Harvey M., assignor to Perrex Corporation, New York, N. Y. Extrusion press. 2,310,230; Feb. 9.
- Gersman, Harvey M., assignor to Perrex Corporation, New York, N. Y. Expanded metal lath. 2,313,533; Mar. 9.
- Gersman, Harvey M., assignor to Perrex Corporation, New York, N. Y. Apparatus for extrusion. 2,335,590; Nov. 30.
- Gerst, Chris. (See Jaeger, C., Bohmer, and Gerst.)
- Gerst, Chris. (See Jaeger, C., Bohmer, and Gerst.)
- Gersten Brothers. (See Triana, Rafael.)
- Gersten, Lee, et al. (See Triana, Rafael, assignor.)
- Gersten, Louis, et al. (See Triana, Rafael, assignor.)
- Gersten, Mortimer A., et al. (See Triana, Rafael, assignor.)
- Gerstenkorn, Wilhelm, Essen, Germany; vested in the Alien Property Custodian. Drilling implement. 2,323,027; June 29.
- Gertler, Samuel L., and H. L. J. Haller, Washington, D. C., assignors to Claude R. Wickard as Secretary of Agriculture of the United States of America, and his successors in office. Insecticide. 2,326,350; Aug. 10.
- Gertzog, Irving and L., assignors to Rochester Button Company, Rochester, N. Y. Iridescent plastic composition. 2,311,533; Feb. 16.
- Gertzog, Louis. (See Gertzog, Irving and L.)
- Geser, Josephine K., Zurich, Switzerland. Ribbon spreading device for carbon copy making attachments for typewriters. 2,321,194; June 8.
- Geser, Josephine K., Zurich, Switzerland. Ribbon attachment for typewriting machines. 2,331,970; Oct. 19.
- Gessler, Albert E., assignor to Interchemical Corporation, New York, N. Y. Typographic printing ink vehicle and printing. 2,335,505; Nov. 30.
- Gessler, Albert E., New York, and R. A. Pizzarello, Mount Vernon, assignors to Interchemical Corporation, New York, N. Y. Textile printing composition and printing therewith. 2,309,946; Feb. 2.
- Gessler, Albert E., New York, and D. M. Gans, Bronx, assignors to Interchemical Corporation, New York, N. Y. Coating and decorating compositions. 2,317,371; Apr. 27.
- Gessler, Albert E., New York, and D. J. Bernard, Astoria, Long Island, assignors to Interchemical Corporation, New York, N. Y. Printing and composition useful therein. 2,317,372; Apr. 27.
- Gessler, Albert E., New York, N. Y., L. S. Engle, Harrington Park, N. J., and C. J. Rolle, Crestwood, assignors to Interchemical Corporation, New York, N. Y. Molding automobile body parts and the like. 2,331,546; Oct. 12.
- Gessler, Albert E., New York, N. Y., L. S. Engle, Harrington Park, N. J., and C. J. Rolle, Crestwood, assignors to Interchemical Corporation, New York, N. Y. Deformable blanks for automobile body parts and the like. 2,331,547; Oct. 12.
- Gessler, Otto C., Detroit, Mich. Concealed hinge. 2,314,337; Mar. 23.
- Gesund, Wilma, Detroit, Mich. Diaper combination. 2,333,996; Nov. 9.
- Gettig, Allen D., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Drawbench. 2,322,069; Oct. 19.
- Gettleman, Fredrick, Milwaukee, Wis. Double walled container. 2,326,137; Aug. 10.
- Getz, Charles A. (See Geertz, E. and Getz.)
- Getz, Charles A., Glen Ellyn, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Method and apparatus for conditioning and supplying water and carbon dioxide to carbonators. 2,322,627; June 22.
- Geuder, Paeschke & Frey Co. (See Hois, Louis J., assignor.)
- Geyer, Ernest H., assignor of one-half to H. A. Taubensee, Chicago, Ill. Roadway formation unit. 2,323,026; June 29.
- Geyer, Ernest H. and M. R., Chicago, Ill. Combined support and spacer for bars. 2,331,548; Oct. 12.
- Geyer, Harvey D. (See Joyce, W. J., and Geyer.)
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Automobile body construction. 2,312,812; Mar. 2.
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Freezing tray. 2,321,669; June 15.
- Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Clutch driven plate. 2,337,097; Dec. 21.
- Geyer, Marion R. (See Geyer, E. H. and M. R.)
- Geyer, Walter, Berlin, Germany; vested in the Alien Property Custodian. Film splicing device. 2,328,447; Aug. 31.
- Ghent, George A., Buhl, Idaho. Corrugator. 2,309,387; Jan. 26.

- Ghertzmann, Ioyno, Saint Mandé, France, assignor to International Business Machines Corporation, New York, N. Y. Paper feeding device. 2,310,418; Feb. 9.
- Ghez, Henry and O., New York, N. Y. Shoe having laminated sole and making the same. 2,311,746; Feb. 23.
- Ghez, Oscar. (See Ghez, H. and O.)
- Ghiggin, Lorenzo, Brooklyn, N. Y. Changeable electric sign. 2,337,988; Dec. 28.
- Giammaria, John J. (See Reiff, O. M., Otto, Giammaria, and Oberliet.)
- Gianni, Daniel. (See Rodrigues, F. E., and Gianni.)
- Glavotto, Pietro, Genoa, Italy; vested in the Alien Property Custodian. Drop-counting bottle. 2,310,777; Feb. 9.
- Gibala, John T. (See La Guardia, F. H., Rochester, Barron, and Gibala.)
- Gibala, John T. (See Rochester, T. W., Barron, and Gibala.)
- Gibb, John A. (See Collins, R. R., and Gibb.)
- Gibb, John A., New Rochelle, assignor to The Lummus Company, New York, N. Y. Bubble deck. 2,320,073; May 25.
- Gibbin, Floyd E., Buffalo, assignor of one-half to L. A. Gibbin, Springfield, N. Y. Saliva ejector. 2,327,347; Aug. 24.
- Gibbin, Leslie A. (See Gibbin, Floyd E., assignor.)
- Gibbons, Alexander. (See Gibbons, F. J. and A., and Rom.)
- Gibbons, Chester H., Drexel Hill, Pa., assignor to The Baldwin Locomotive Works. Machine for making electrical strain gauges. 2,334,671; Nov. 16.
- Gibbons, Edwin J., East Providence, R. I., assignor to Thomas French & Sons, Ltd., New York, N. Y. Woven cartridge belt. 2,315,782; Apr. 6.
- Gibbons, Francis J., Scranton, Pa., A. Gibbons, and M. Rom, Brentwood, Md. Valve for water-cooled dental trays. 2,309,388; Jan. 26.
- Gibbs, Geoffrey M., and T. R. Tusting, London, England. Amphibious armored vehicle. 2,309,947; Feb. 2.
- Gibbs, John C., New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Method and machine for making closure caps. 2,308,276; Jan. 12.
- Gibbs, John C., New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure cap and making. 2,309,398; Jan. 26.
- Gibbs, Thomas B., assignor to G. W. Borg Corporation, Chicago, Ill. Timing apparatus for clocks and watches. 2,330,416; Sept. 28.
- Gibbs, Walter M. (See Ripley, C. T., and Gibbs.)
- Gibbs, William J., and E. F. Smith, Brooklyn, N. Y. Dispenser for tableware. 2,325,604; Aug. 3.
- Gibson, Angel B., Toronto, Ontario, Canada. Automatic weighing machine. 2,310,689; Feb. 9.
- Gibson Art Company, The. (See Heed, S. D., and Hake, assignors.)
- Gibson, Eleanor W., Detroit, Mich. High chair bib. 2,321,670; June 15.
- Gibson Electric Refrigerator Corporation. (See Burtenshaw, Leslie D., assignor.)
- Gibson Electric Refrigerator Corporation. (See Noflinger, Earl E., assignor.)
- Gibson Electric Refrigerator Corporation. (See Norberg, Oscar F., assignor.)
- Gibson Electric Refrigerator Corporation. (See Rosebrook, H. E., and Norberg, assignors.)
- Gibson Electric Refrigerator Corporation. (See Roth, Joseph N., assignor.)
- Gibson Electric Refrigerator Corporation. (See Schurtz, R. E., and Roth, assignors.)
- Gibson, Fendall D. (See Delashaw, J., and Gibson.)
- Gibson, George F. (See Olley, M., and Gibson.)
- Gibson, Herschel V., and E. E. Casey, deceased, assignors to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill.; C. M. Casey, executor of E. E. Casey. Dispensing apparatus. 2,315,515; Apr. 6.
- Gibson, James H., Tenack, N. J. Process and apparatus for making printing plates. 2,331,772; Oct. 12.
- Gibson, Oliver E., assignor to United States Gypsum Company, Chicago, Ill. Building construction and clip therefor. 2,335,565; Nov. 30.
- Gibson Patent Containers, Ltd. (See Page, John E., assignor.)
- Gibson, Robert H. (See Coe, F. S., and Gibson.)
- Gibson, Symon Z., Seattle, Wash. Hair clipper. 2,318,848; May 11.
- Gibson, William L., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge apparatus. 2,317,140; Apr. 20.
- Gibson, William T., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge apparatus. 2,324,772; July 20.
- Giddings, Horace, San Francisco, Calif. Collapsible ice bunker. 2,336,439; Dec. 7.
- Giddings & Lewis Machine Tool Co. (See Woytch, Raymond M., assignor.)
- Gieffers, Friedrich. (See Kesseling, F., Gieffers, Kaufmann, Neugebauer, Puttfarcken, Schimpf, and Zühlke.)
- Glenger, Albert C., Chiloquin, Oreg. Tractor plane. 2,313,934; Mar. 16.
- Gieringer, Carl K., assignor to The Liebel-Flarsheim Company, Cincinnati, Ohio. Dual wave generator. 2,313,427; Mar. 9.
- Gieringer, Carl K., and E. E. Greenberg, assignors to The Liebel-Flarsheim Company, Cincinnati, Ohio. Kymograph grid. 2,320,587; June 1.
- Glemp, James B., and A. P. Anholt, Detroit, Mich. Universal vise. 2,310,025; Feb. 2.
- Gies, William F., and W. J. Wells, assignors to F. N. Burt Company, Inc., Buffalo, N. Y. Carry-home bottle container. 2,336,857; Dec. 14.
- Giese, Oscar W., et al. (See Anderson, William M., assignor.)
- Giesebrecht, Frederick E., Chicago, Ill. Non refillable bottle. 2,329,892; Sept. 21.
- Gieske, Elmer W. (See Jayne, D. W., Jr., Day, and Gieske.)
- Gieskieng, Marion W., Denver, and P. F. Gieskieng, Englewood, Colo. Thermodynamic device. 2,335,005; Nov. 23.
- Gieskieng, Paul F. (See Gieskieng, M. W. and P. F.)
- Giesler, Jean V., assignor to The Fulton Syphon Company, Knoxville, Tenn. Temperature regulator. 2,323,533; July 6.
- Giesler, Jean V., Knoxville, Tenn., assignor, by mesne assignments, to Reynolds Metals Company, New York, N. Y. Coating strips. 2,325,126; July 27.
- Giesler, Jean V., assignor to The Fulton Syphon Company, Knoxville, Tenn. Adjustable automobile thermostat. 2,336,858; Dec. 14.
- Giesser, David, Chelsea, Mass. Shoe heel. 2,320,584; June 1.
- Giffen, James L., assignor, by mesne assignments, to The V & O Press Company, Hudson, N. Y. Stock-feeding mechanism. 2,330,119; Sept. 21.
- Giffords, Harry, New York, N. Y. Heating system. 2,314,086; Mar. 16.
- Gift, Warren H., Bristol, assignor to Röhm & Haas Company, Philadelphia, Pa. Translucent polymeric methacrylic esters. 2,320,924; June 1.
- Giglio, Antonio J., Bronx, N. Y., assignor to Premier Thread Company. Needle cooling device. 2,316,647; Apr. 13.
- Giglio, Antonio J., Bronx, N. Y., assignor to Premier Thread Company. Needle cooling apparatus. 2,316,648; Apr. 13.
- Giglio, Anthony, assignor to Fulton Stuffer Corporation, Boston, Mass. Apparatus for forming meat loaf. 2,315,952; Apr. 6.
- Gigure, Frederick H., Joliet, Ill. Poultry housing. 2,328,209; Aug. 31.
- Gilbert, A. C., Company, The. (See Bastiansen, Otto, assignor.)
- Gilbert, A. C., Company, The. (See Erhardt, Oscar P., assignor.)
- Gilbert, A. C., Company, The. (See Jordan, Richard H., assignor.)
- Gilbert, A. C., Company, The. (See Smith, William R., assignor.)
- Gilbert & Barker Manufacturing Company. (See De Lancey, Warren H., assignor.)
- Gilbert & Barker Manufacturing Company. (See Grise, Alfred L., assignor.)
- Gilbert, Beverly J., et al. (See Bernard, Nelson W., assignor.)
- Gilbert, Caesar C., Burkburnett, Tex. Sampling device. 2,336,539; Dec. 14.
- Gilbert, Carl B., South River, N. J., assignor to Hercules Powder Company, Wilmington, Del. Cellulose ether composition. 2,322,013; June 15.
- Gilbert, Clarence J., et al. (See Bernard, Nelson W., assignor.)
- Gilbert, Francis W. (See Fuller, Frederic B.)
- Gilbert, George, Newport, assignor of one-half to G. Brickler, Alexandria, Ky. Sanitary milking receptacle. 2,315,415; Mar. 30.
- Gilbert, George R., Baytown, Tex., assignor to Standard Oil Development Company. Refining mineral oils. 2,334,549; Nov. 16.
- Gilbert, Herman W., Kew Gardens, N. Y. Yardage measuring device. 2,317,141; Apr. 20.
- Gilbert, Jack L., Toronto, Ontario, Canada. Scraping and loading machine. 2,334,323; Nov. 16.
- Gilbert, Julius R. (See Bell, W., and Gilbert.)
- Gilbert, Lowell B. (See Parker, H. F., Robins, and Gilbert.)
- Gilbert, Richard H. (See Beekley, H. L., Gilbert, and Lacart.)
- Gilbert, Victor W. (See Oglesby, N. E., Reilly, and Gilbert.)
- Gilbertson, Elmer G., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Process of heat treating. 2,321,806; June 15.
- Gilchrist, John E., Peoria, Ill. Catamenial bandage. 2,331,271; Oct. 5.
- Gildea, Charles W., and J. A. Hausmann, Fort Wayne, Ind., assignors to International Harvester Company. Tire carrier. 2,325,849; Aug. 3.
- Giles, Alfred O., E. S. Sheffield, Jr., and F. T. Maruoka, Kahului, and B. J. Butler, assignors to Maui Pineapple Company, Ltd., Paia, Territory of Hawaii. Can filling machine. 2,315,255; Mar. 30.

- Giles, Everett J., and L. R. Nummer, Alma, assignors to Michigan Fluorescent Fixture Company, St. Louis, Mich. Supporting and reinforcing fluorescent lamp sockets. 2,309,182; Jan. 26.
- Giles, Irvin K., (deceased), Cranford, N. J., M. Cornell, Cleveland, Ohio, and W. Kelley, Los Angeles, Calif.; L. F. Giles, administratrix of said I. K. Giles, deceased; said administratrix and said Kelley assignors to The Luminous Company. Redding of cottonseed oil. 2,337,041; Dec. 21.
- Giles, Lena F., administratrix. (See Giles, I. K., Cornell, and Kelley.)
- Giles, Roy T., Daytona Beach, Fla. Reinforcing refractory, furnace walls and the like. 2,317,451; Apr. 27.
- Gilford, Charles F., Concord, Mass. Safety razor. 2,328,336; Aug. 31.
- Gilkey, W. S., Printing Company, The. (See Frel, John, Jr., assignor.)
- Gill, George H., Manhattan Beach, assignor to The Garrett Corporation, Alhsearch Manufacturing Company Division, Inglewood, Calif. Airplane flap operating means. 2,328,897; Sept. 7.
- Gill, George H., Los Angeles, assignor to The Garrett Corporation, Alhsearch Manufacturing Company Division, Inglewood, Calif. Fastening means. 2,329,168; Sept. 7.
- Gill, George T. (See Luce, Richard W., assignor.)
- Gill Glass & Fixture Company. (See Orth, Richard, assignor.)
- Gill, James C., et al. (See Sigler, Laurence M., assignor.)
- Gill, James R., and W. Solon, Los Angeles, Calif. Automatic trailer brake. 2,320,585; June 1.
- Gill, Kathryn B., et al. (See Sigler, Laurence M., assignor.)
- Gill, Lowell O., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Metal coating process. 2,325,240; July 27.
- Gill, William C., Johnston, R. I. Device to prevent singles in double-end yarn operation. 2,307,261; Jan. 5.
- Gillham, Grant. (See Huber, Price A., assignor.)
- Gillanders, Maxwell D., assignor to Knapp Monarch Company, St. Louis, Mo. Juicer. 2,311,379; Feb. 16.
- Gille, Willis H., St. Paul, Minn., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature sensitive device. 2,319,317; May 18.
- Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Sensitive relay mechanism. 2,331,182; Oct. 5.
- Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control valve. 2,333,773; Nov. 9.
- Gille, Willis H., St. Paul, Minn., and J. V. Sigford, Wash., Ind., assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Load compensated control system. 2,324,692; July 20.
- Gille, Willis H., St. Paul, J. V. Sigford, and L. H. Miller, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,331,183; Oct. 5.
- Gillen, George A., New York, assignor to Fuel & Metal Research Corporation, Brooklyn, N. Y. Manufacture of induction motors. 2,308,277; Jan. 12.
- Gilletstrom, Hilmer, South Pasadena, Calif., assignor to Independent Pneumatic Tool Co., Chicago, Ill. Taffet apparatus for rock drills. 2,332,070; Oct. 19.
- Gillespie, Henderson C., Moorestown, N. J., assignor to Radio Corporation of America. Heating device. 2,314,875; Mar. 30.
- Gillespie, Stanley E., Evanston, assignor to Western Railroad Supply Company, Chicago, Ill. Signal apparatus. 2,336,680; Dec. 14.
- Gillespie, Walter B., Farmington, assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Liquid heater. 2,307,924; Jan. 12.
- Gillette, Elmon C., et al. (See Reenstierna, Gustaf L., assignor.)
- Gillette Safety Razor Company. (See Auerbach, Zernach, assignor.)
- Gillette Safety Razor Company. (See Bryan, Herbert W., assignor.)
- Gillette Safety Razor Company. (See Galsman, Henry J., assignor.)
- Gillette Safety Razor Company. (See Graham, George A., assignor.)
- Gillette Safety Razor Company. (See Hanley, John A., assignor.)
- Gillette Safety Razor Company. (See Harris, David H., assignor.)
- Gillette Safety Razor Company. (See Muros, Joseph, assignor.)
- Gillette Safety Razor Company. (See Muros, J., and Smith, assignors.)
- Gillette Safety Razor Company. (See Muros, J., and Stampleman, assignors.)
- Gillette Safety Razor Company. (See Stampleman, S. C., and Muros, assignors.)
- Gillette Safety Razor Company. (See Testi, Nicholas, assignor.)
- Gillette Safety Razor Company. (See Testi, N., and Lewando, assignors.)
- Gilley, Robert H., Norfolk, Va. Drying rack. 2,332,444; Oct. 19.
- Gill, Paul, Vienna, Germany; vested in the Alien Property Custodian. Cab for fireless locomotives. 2,310,778; Feb. 9.
- Gill, Paul, Vienna, Austria; vested in the Alien Property Custodian. Accumulator plant. 2,320,586; June 1.
- Gilli, Paul, and K. Vekai, Vienna, Germany; vested in the Alien Property Custodian. Charging crane for fireless locomotives. 2,313,013; Mar. 2.
- Gillman, Herman A., Kendallville, Ind. Take-up for gloves. 2,322,687; June 22.
- Gillman, Charles C., Homerville, assignor to Filtered Rosin Products, Inc., Brunswick, Ga. Method of and apparatus for purifying oleoresin. 2,329,712; Sept. 21.
- Gilliland, Edwin R., Cambridge, Mass., assignor to Standard Oil Development Company. Preparation of alkyl esters. 2,310,283; Feb. 9.
- Gillis, Randall, Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Control apparatus. 2,318,479; May 4.
- Gillis, W. J., et al. (See Charpentier, Edouard P., assignor.)
- Gillisse, Edward, and C. Hendricks, assignors to Applied Arts Corporation, Grand Rapids, Mich. Ash receiver. 2,330,417; Sept. 23.
- Gillon, John W., Rochester, N. Y., and J. C. Hollister, Denver, Colo., assignors of one-half to Eastman Kodak Company, Rochester, N. Y., and one-half to Heland Research Corporation, Denver, Colo. Flashlight synchronizing apparatus. 2,324,076; July 13.
- Gillon, John W., and G. A. Haraden, assignors to Eastman Kodak Company, Rochester, N. Y. Camera back latch. 2,326,025; Aug. 3.
- Gillon, John W., Rochester, N. Y., and J. C. Hollister, Denver, Colo., assignors of one-half to Eastman Kodak Company, Rochester, N. Y., and one-half to Heland Research Corporation, Denver, Colo. Shutter operating device. 2,333,773; Nov. 9.
- Gills, Clifford, Cleveland, Ohio. Radio receiver time control. 2,335,114; Nov. 23.
- Gilman, Charles, Plainfield, N. J. Cribbing. 2,333,168; Nov. 2.
- Gilman Fanfold Corporation. (See Hope, William H. Jr., assignor.)
- Gilman Fanfold Corporation. (See Kerr, James G., assignor.)
- Gilman, Lucius. (See Bolton, E. K., Coffman, and Gilman.)
- Gilman, Morris A., Chicago, and C. Anderson, Oak Park, Ill., assignors to Acino Laboratories, Inc. Sound recorder and reproducer. 2,323,215; June 29.
- Gilmer, John H. (See Hendricks, Frank, assignor.)
- Gilmer, John T. (See Woodruff, Francis J., assignor.)
- Gilmer, L. H., Co. (See Case, Richard Y., assignor.)
- Gilmore, George H., Chicago, Ill. Buckle. 2,327,102; Aug. 17.
- Gilmore, James F., assignor of one-half to V. Riley, Kalispell, Mont. Automatic feeding apparatus for steam boilers. 2,325,241; July 27.
- Gilmore Oil Company. (See Eggleston, H. L., Pierson, and Mullin, assignors.)
- Gilmore, Otto C., Van Nuys, assignor to Cosmocalor Corporation, Los Angeles, Calif. Color photography. 2,315,493; Apr. 6.
- Gilpin, Garth G., Riverside, Ill. Floor protection for railway cars. 2,321,547; June 8.
- Gilpin, Garth G., Riverside, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car construction. 2,324,921; July 20.
- Gilsenan, John, Newark, N. J. Apparatus for spraying fluids. 2,329,711; Sept. 21.
- Gilson, Robert D., Parkville, Md. True airspeed indicator. 2,318,153; May 4.
- Gilson, Robert M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,311,035; Feb. 16.
- Gilson, Robert M., and R. Overholt, Jr., Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electrical shunt. 2,300,183; Jan. 28.
- Gingo, Stephen L., McKeesport, Pa. Nonskid attachment for shoes. 2,316,062; Apr. 6.
- Ginka, Stephen, Chicago, Ill. Christmas tree stand. 2,317,049; Apr. 20.
- Ginn, Wells W., assignor, by mesne assignments, to Chemical Novelty Corporation, Cincinnati, Ohio. Varnish. 2,316,419; Apr. 6.
- Ginsberg, Philip L., New York, N. Y. Vascular exerciser. 2,315,997; Apr. 6.
- Ginsberg, Victor B. (See Crabbs, Charles H., assignor.)
- Ginsburg, David A., Philadelphia, Pa., assignor to The Standard Register Company, Dayton, Ohio. Business transaction stationery. 2,307,036; Jan. 5.
- Ginter, Charles W., assignor to The Aero Equipment Corporation, Bryan, Ohio. Fluid meter. 2,329,604; Sept. 14.
- Giordano, Anthony. (See Montesana, P. and Giordano.)
- Girault, Albert P., Maplewood, N. J., assignor to Standard Oil Development Company. Treating white oils. 2,321,290; June 8.
- Girault, Albert P., Cranford, N. J., assignor to Standard Oil Development Company. Refining mineral white oils. 2,335,006; Nov. 23.
- Girard, Georges, assignor to Magnetos Lucifer S. A., Geneva, Switzerland. Magnetic device for the purification of fluids. 2,329,893; Sept. 21.

- Girdelstone, Frances G. (See Keats, Harold B., assignor.)
- Girdler Corporation, The. (See Miller, Bruce D., assignor.)
- Girdler Corporation, The. (See Miller, B. D., Phelps, and Beatty, assignors.)
- Girdler Corporation, The. (See Zottu, Paul D., assignor.)
- Girdler, Robert M. (See Burrows, L. A., Cook, and Girdler.)
- Girling, Albert H. G. (See Pratt, J. H., Manley, and Girling.)
- Giroux, Guy E., assignor, by mesne assignments, to Aerial Products, Inc., New York, N. Y. Parachute device. 2,309,107; Jan. 26.
- Gisholt Machine Company. (See Class, George M., assignor.)
- Gisholt Machine Company. (See Johnson, George H., assignor.)
- Gisholt Machine Company. (See Senger, Werner I., assignor.)
- Giandi, Emanuel, Scarsdale, N. Y. Nail and fastener. 2,325,766; Aug. 3.
- Githens, Otto W., and G. Kende, New York, and E. M. Porter, Brooklyn, assignors to Universal Camera Corporation, New York, N. Y. Intermittent film feed. 2,319,318; May 18.
- Githens, Otto W., and G. Kende, assignors to Universal Camera Corporation, New York, N. Y. Camera. 2,320,423; June 1.
- Gits, Jules P., assignor to Gits Molding Corporation, Chicago, Ill. Plastic match holder. 2,329,175; Sept. 14.
- Gits Molding Corporation. (See Gits, Jules P., assignor.)
- Gitzen, Joseph A., River Hills, Wis. Treating foundry sands. 2,330,418; Sept. 28.
- Gluseff, Jerome, Cincinnati, Ohio, assignor to The Goodall Worsted Company, Sanford, Maine. Coat construction. 2,317,373; Apr. 27.
- Gluseff, Jerome, Cincinnati, Ohio, assignor to The Goodall Worsted Company, Sanford, Maine. Garment sleeve. 2,327,348; Aug. 24.
- Gluseff, Vincent, South Orange, N. J. Bedrail. 2,311,537; Feb. 16.
- Glab, William N., assignor to Morrison Brothers Company, Dubuque, Iowa. Detachable coupling. 2,333,243; Nov. 2.
- Glabe, Elmer F. (See Bauer, H. F., and Glabe.)
- Glacier Metal Company, The, et al. (See Boyle, William R., assignor.)
- Gladden, McBean & Company. (See Goodrich, Hobert R., assignor.)
- Gladding, Ernest K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn package. 2,325,127; July 27.
- Gladeck, Frederick C., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Binder and wrapper material feed for cigar machines. 2,316,784; Apr. 20.
- Gladeck, Frederick C., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Making cigars. 2,316,785; Apr. 20.
- Gladen, Carl F. (See Prendergast, J. J., Jones, and Gladen.)
- Gladfelder, Wiltie I., and J. Prochazka, Philadelphia, Pa., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Cupping press. 2,324,205; July 13.
- Gladfelder, Wiltie I., and C. C. H. Hauger, Philadelphia, Pa., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Printing machine. 2,326,850; Aug. 17.
- Gladfelder, Wiltie I., and W. H. Moore, Philadelphia, Pa., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Roll coating machine. 2,329,263; Sept. 14.
- Gladfelder, Wiltie I., and C. C. H. Hauger, Philadelphia, Pa., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Coating machine. 2,330,880; Oct. 5.
- Gladfelder, Wiltie I., and W. H. Moore, Philadelphia, Pa., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Can handling apparatus. 2,335,239; Nov. 30.
- Gladfelder, Wiltie I., and W. H. Moore, Philadelphia, Pa., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Coating machine. 2,335,931; Dec. 7.
- Gladfelder, Wiltie I., and W. H. Moore, Philadelphia, Pa., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Coating apparatus. 2,335,932; Dec. 7.
- Gladstein, Nathan, Bronx, N. Y. Collapsible box structure. 2,320,605; Sept. 14.
- Glaes, Charles L., and J. F. Schott, assignors to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Combining foam rubber. 2,320,425; June 1.
- Glammann, Wilhelm, Stuttgart, Germany; vested in the Allen Property Custodian. Internal combustion engine. 2,323,028; June 29.
- Glann, George W., Sioux City, Iowa. Dispenser. 2,310,848; Feb. 9.
- Glans, Joseph, Bloomfield, N. J., assignor to Radio Corporation of America. Cathode forming machine. 2,333,997; Nov. 9.
- Glaser, Charles J., Jr. (See Lambert, R. J., and Glaser.)
- Glaser, Leo B., Cranford, assignor to General Instrument Corporation, Elizabeth, N. J. Illuminating phonograph pickup. 2,309,060; Jan. 19.
- Glaser, Leo B., Cranford, assignor to General Instrument Corporation, Elizabeth, N. J. Record changer phonograph. 2,328,641; Sept. 7.
- Glaskowsky, Nicholas A., assignor to Stanley Home Products, Inc., Westfield, Mass. Deodorizing device. 2,315,697; Apr. 6.
- Glaser, Rudolf W., Chicago, Ill., assignor to Midland Machine Corporation. Pump. 2,328,717; Sept. 7.
- Glass, Dudley B. (See Salminen, I. F., Weissberger, and Glass.)
- Glass, William H. (See Bush, R. J., and Glass.)
- Glasser, Albert A., Los Angeles, Calif. Nursing brassiere. 2,315,614; Apr. 6.
- Glasser, Benjamin F., Highland Park, N. J. Surgical instrument. 2,329,264; Sept. 14.
- Glassine Paper Company, The. (See Tuttle, John N., assignor.)
- Glassman, Louis H., East Falls Church, and C. W. Barger, Arlington, Va., assignors to E. Costigan, R. B. Swope, Washington, D. C., and D. T. Hatfield, Arlington, Va., trustees for the stockholders of Autopen Corporation. Signature writing apparatus. 2,332,511; Oct. 26.
- Glatthaar, Curt. (See Martin, H., Zaeslin, Glatthaar, and Staub.)
- Glatthaar, Curt. (See Martin, H., Zaeslin, Hirt, Glatthaar, and Staub.)
- Glauber Brass Manufacturing Company, The. (See Smith, H. S., and Dickson, assignors.)
- Glaude, Leopold F., Chicago, Ill. Filing machine. 2,333,169; Nov. 2.
- Glawon, Adolph, Staten Island, N. Y. Volumetric device. 2,331,549; Oct. 12.
- Glazier, George W., Savannah, Mo. (Duplicate picture producing apparatus. 2,329,955; Sept. 21.
- Gleason, Anthony H. (See Frolich, Per K., and Gleason.)
- Gleason, Anthony H., Westfield, N. J., assignor to Standard Oil Development Company. Lubricating product. 2,307,885; Jan. 12.
- Gleason, Anthony H., Westfield, N. J., assignor to Standard Oil Development Company. Polyester compounds and making same. 2,311,534; Feb. 16.
- Gleason, Randolph E., P. H. Coffey, and G. Reuter, Roanoke, Va. Grave lining protection unit. 2,312,709; Mar. 2.
- Gleason Works. (See Carlsen, Leonard O., assignor.)
- Gleason Works. (See Moyer, Richard E., assignor.)
- Gleason Works. (See Richmond, George O., assignor.)
- Gleason Works. (See Stewart, Arthur L., assignor.)
- Gleason Works. (See Wildhaber, Ernest, assignor.)
- Gleason Works. (See Wildhaber, E., and Carlsen, assignors.)
- Gleason Works. (See Witham, Winfred A., assignor.)
- Gledhill, Edward C., Gallon, Ohio. Combination earth mover and loader. 2,313,534; Mar. 9.
- Gledhill, Edward C., Gallon, Ohio. Runner for road scrapers. 2,327,417; Aug. 24.
- Glenn, Helen, New York, N. Y. Cigarette case. 2,313,428; Mar. 9.
- Glessner, Donald P., assignor to Akron Brass Manufacturing Company, Inc., Wooster, Ohio. Spray nozzle. 2,323,464; July 6.
- Glick, Gertrude J., Bartlett, Ill. Lady's knitting and shopping bag. 2,323,658; June 22.
- Glick, Jack, New York, N. Y. Brassiere or similar garment. 2,337,810; Dec. 28.
- Glickman, Jesse L., Brooklyn, N. Y. Coating machine. 2,333,369; Nov. 2.
- Glickman, Norman N., Los Angeles, Calif. Kit. 2,321,807; June 15.
- Glidden, Arthur B., Seattle, Wash. Cigarette snuffer and ash tray. 2,327,518; Aug. 24.
- Glidden Company, The. (See Burruss, D. N., Jr., and Drapeau, assignors.)
- Glidden Company, The. (See Huppert, Oskar, assignor.)
- Glissendorf, Richard J., Phillips, Wis. Oar lock. 2,315,155; Mar. 30.
- Glisson, William Baxter, Trenton, Tenn. Washing machine. 2,320,230; May 25.
- Glitsch, Fritz W., & Sons. (See Glitsch, Hans C., assignor.)
- Glitsch, Hans C., Dallas, Tex. Bubble tray. 2,309,309; Jan. 26.
- Glitsch, Hans C., assignor to F. W. Glitsch & Sons, Dallas, Tex. Means for flowing wells. 2,331,550; Oct. 12.
- Glitzke, Ewald C., Kansas City, Mo. Bite registering device. 2,313,535; Mar. 9.
- Globe American Corporation. (See Hill, Dewey H., assignor.)
- Globe American Corporation. (See Hill, D. H., and Tolley, assignors.)
- Globe American Corporation. (See Sherman, Alvin G., assignor.)
- Globe American Corporation. (See Tolley, Donald B., assignor.)
- Globe Automatic Sprinkler Company. (See Rowley, Arthur C., assignor.)
- Globe Hoist Company. (See Simon, Ralph W., assignor.)
- Globe Hoist Company. (See Thompson, Elmer B., assignors.)
- Globe Knitting Works. (See Clements, Roy W., assignor.)

- Globe Lighting Fixture Mfg. Co., et al. (See Colucci, John, assignor.)
- Globe Oil and Refining Company. (See Berger, Carl W., assignor.)
- Globe Oil and Refining Company. (See Perdew, William E., assignor.)
- Globe-Union, Inc. (See Coldwell, John S., assignor.)
- Globe-Union Inc. (See Ehlers, G. M., and Kodama, assignors.)
- Globe-Union Inc. (See Klag, C. H., and Appel, assignors.)
- Globe-Union Inc. (See Rubinstein, Harry W., assignor.)
- Globe-Union Inc. (See Stoelke, Erwin R., assignor.)
- Globe Valve Corporation. (See Beeke, H. F., and Young, assignors.)
- Globe-Wernicke Co., The. (See Brinker, John H., assignor.)
- Globe-Wernicke Company, The. (See Hegemeler, Harry, assignor.)
- Globe-Wernicke Company, The. (See Link, Forest L. W., assignor.)
- Glocker, Gustave, Washington, D. C. Method and machine for applying closures and sealing jars. 2,335,052; Nov. 23.
- Glocker, Gustave, assignor to Super-Seal Container Corporation, Washington, D. C. Closure cap for bottles, jars, and other receptacles. 2,330,046; Sept. 21.
- Goehre, Otto. (See Michael, W., Goehre, Free, v. Fuener, and Schneider.)
- Glogau, Manfred L., assignor to Allen Bradley Company, Milwaukee, Wis. Multiposition switch. 2,319,503; May 18.
- Gloor, Walter E., Milltown, N. J., assignor to Hercules Powder Company, Wilmington, Del. Molding material. 2,328,269; Aug. 31.
- Gloss, Gunter H., Belmont, assignor to Marine Magnesium Products Corporation, South San Francisco, Calif. Apparatus and method for manufacture of magnesium metal. 2,337,042; Dec. 21.
- Gloucester Research Corporation. (See Vucassovich, Michel P., assignor.)
- Glouton, Paul, Philadelphia, Pa. Micrometer gauge. 2,325,707; Aug. 3.
- Glover, William C., Jr., Raytown, assignor to Cleaners Specialties, Inc., Kansas City, Mo. Cleaning machine for cuffs of trousers and the like. 2,313,935; Mar. 16.
- Gluck, Fred S., assignor to Walbert Fitting, Inc., New York, N. Y. Knitted glove. 2,318,772; May 11.
- Gluck, Walter, Elizabeth, assignor to Godette-Products Corporation, Newark, N. J. Method and device for making hair ribbon bows. 2,335,053; Nov. 23.
- Gluckin, William. (See Smith, Will F., assignor.)
- Gluckmann, William, Jamaica, N. Y. Trousers supporting means. 2,308,278; Jan. 12.
- Gluckmann, William, Jamaica, N. Y. Trousers supporting means. 2,315,693; Apr. 6.
- Glynn, Edwin A., Lodi, Calif., assignor to Super Mold Corporation of California. Tire bead aligner. 2,308,602; Jan. 19.
- Glynn, Edwin A., Lodi, Calif., assignor to Super Mold Corporation of California. Tire repairing mold. 2,327,781; Aug. 24.
- Glynn, Edwin A., Lodi, Calif., assignor to Super Mold Corporation of California. Vulcanizing-kettle supply system. 2,329,467; Sept. 14.
- Gmeiner, James, Appleton, Wis. Surgical instrument. 2,315,326; Mar. 30.
- Goans, Rufus A., and L. J. Claiborne, Twin Falls, Idaho. Lint removing apparatus. 2,328,972; Sept. 7.
- Goat Metal Stampings, Inc. (See Staver, Edward F., assignor.)
- Gobeille, Alfred A., Stonington, Conn. Fabric. 2,312,089; Feb. 23.
- Gobin dit Daudé, Jean E. F., Neuilly, Seine, France; vested in the Allen Property Custodian. Snap fastener pocket. 2,330,473; Sept. 28.
- Goble, Bert E., Tulsa, Okla. Combination sand pump and bailer. 2,325,503; July 27.
- Gobright, C. F., Inc. (See Thornton, Ray F., assignor.)
- Goby, Clifford S., Cleveland, assignor of one-half to F. Kramer, Cleveland Heights, Ohio. Internal combustion engine. 2,316,160; Apr. 13.
- Gocher, William S. (See Langkammerer, C. M., Gocher, and Jennings.)
- Gocher, William S., Fairfield, and A. J. Jennings, Bridgeport, Conn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Rubber product. 2,322,779; June 29.
- Goddard, De Witt R., Riverhead, N. Y., assignor to Radio Corporation of America. Vernier condenser. 2,313,429; Mar. 9.
- Goddard, De Witt R., Riverhead, N. Y., assignor to Radio Corporation of America. Multithrow relay. 2,323,126; June 29.
- Goddard, De Witt R., Riverhead, N. Y., assignor to Radio Corporation of America. Short dot test equipment. 2,323,534; July 6.
- Goddard, Marcus J. (See Nagy, P., and Goddard.)
- Goddard, Robert H., Roswell, N. Mex. Launching apparatus for rocket craft. 2,307,125; Jan. 5.
- Goddin, Avery H. (See Flenner, A. L., and Goddin.)
- Goddu, Lloyd W., Southbridge, and I. C. Crawford, Belmont, assignor to American Optical Company, Southbridge, Mass. Marking lenses and similar articles. 2,307,501; Jan. 5.
- Goddu, Lloyd W., assignor to American Optical Company, Southbridge, Mass. Lens edging device. 2,329,713; Sept. 21.
- Godell, Sidney, assignor to Arvey Corporation, Chicago, Ill. Toy vehicle. 2,326,026; Aug. 3.
- Godell, Sidney, assignor to Arvey Corporation, Chicago, Ill. Toy vehicle. 2,326,027; Aug. 3.
- Godette Products Corporation. (See Gluck Walter, assignor.)
- Godfrey, Donald V., Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Toy railway system. 2,313,335; Mar. 9.
- Godfrey, Joseph H., Elmhurst, assignor to The Creamery Package Mfg. Company, Chicago, Ill. Churn. 2,334,919; Nov. 23.
- Godlewicz, Marian. (See Pilat, S., and Godlewicz.)
- Godsey, Frank W., Jr. (See Sprague, R. C., and Godsey.)
- Godsey, Frank W., Jr., assignor to Sprague Specialties Co., North Adams, Mass. Variable tuning mechanism. 2,330,047; Sept. 21.
- Godshalk, Russell L., Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid cooled wall construction and assembling the same. 2,333,777; Nov. 9.
- Godwin, Clifford B., University City, Mo. Gearing. 2,333,392; July 21.
- Godwin, Hiram F., Detroit, Mich. Lawn mower. 2,335,051; Nov. 23.
- Goebel, George, deceased, late of Baltimore, Md., by H. Goebel, administratrix, and E. A. Wilkens, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Printing press dampening roll control. 2,310,363; Feb. 9.
- Goebel, George, and H. A. Rau, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Coating apparatus. 2,334,087; Nov. 9.
- Goebel, Helen, administratrix. (See Goebel, G., and Wilkens.)
- Goebel, Henry, Vista, Calif. Fruit picker. 2,309,948; Feb. 2.
- Goebel, Max T., Lakewood, Ohio, and I. F. Walker, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Corrosion inhibition. 2,318,606; May 11.
- Goebel, Siebert. (See Heinrich, G., and Goebel.)
- Goebly, John T., et al., executors. (See Sykes, William E.)
- Goedrich, William A., New York, N. Y., assignor to Allyn B. Du Mont Laboratories, Inc., Passaic, N. J. Cathode-ray oscillograph. 2,315,848; Apr. 6.
- Goeller, Charles, Elizabeth, N. J. Tension adjuster for clotheslines or the like. 2,316,950; Apr. 20.
- Goepfrich, George A. (See Pontius, George W., III, and Goepfrich.)
- Goepfrich, Rudolph A., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Brake control mechanism. 2,313,430; Mar. 9.
- Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,313,431; Mar. 9.
- Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,313,432; Mar. 9.
- Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,316,414; Apr. 13.
- Goepfrich, Rudolph A., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,336,352; Dec. 7.
- Goepf, Rudolph M., Jr., New Castle, assignor to Atlas Powder Company, Wilmington, Del. Crystallization of sorbitol. 2,315,699; Apr. 6.
- Goerg, Bernard, Bronxville, assignor to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heating apparatus. 2,313,933; Mar. 16.
- Goerg, Bernard, Bronxville, assignor to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heating apparatus. 2,326,351; Aug. 10.
- Goerg, Bernard, Bronxville, assignor to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heating apparatus. 2,329,465; Sept. 14.
- Goettsch, Walter J., Kenilworth, Ill., assignor to Samuel M. Langston Co., Camden, N. J. Production of paper board units. 2,309,728; Feb. 2.
- Goetz, Alexander, Pasadena, Calif., assignor to Sunshine Mining Company, Yakima, Wash. Chemical process for production of potable water from nonpotable saline water. 2,322,689; June 22.
- Goetz, Herbert W., Alhambra, assignor to Patent Royalties, Inc., Huntington Park, Calif. Valve. 2,318,773; May 11.
- Goetz, Maurus T. (See Cook, L. R., and Goetz.)
- Goetze, Herbert D. (See Denton, W. T., Goetze, and Marks.)
- Goetzman, Carl A. (See Weber, J., Jr., C. F. L. H., W. F. H., E. W., and L. G., and Goetzman.)
- Goff, Harold W., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Calling dial device. 2,327,782; Aug. 24.
- Goff, Harold W., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,329,466; Sept. 14.
- Goff, Leonard D., and R. O. Monroe, assignors to The Johnson Corporation, Three Rivers, Mich. Rotary joint. 2,328,898; Sept. 7.

- Goff, Roland L., Yreka, Calif. Meat chopping block smoothing machine. 2,314,697; Mar. 23.
- Goff, William F., Akron, assignor to The Ohio Injector Company, Wadsworth, Ohio. Inflation valve. 2,309,061; Jan. 19.
- Goff, William F., Akron, assignor to The Ohio Injector Company, Wadsworth, Ohio. Molding rubber articles. 2,329,346; Sept. 14.
- Goheen, Gilbert E. (See Bruun, J. H., and Goheen.)
- Goheen, John L., Jr., and C. F. Catlin, Jr., Huntington, W. Va., assignors to The International Nickel Company, Inc., New York, N. Y. Drawing metal. 2,335,933; Dec. 7.
- Gohr, Edwin J., Summit, W. I. Thompson and H. Z. Martin, Elizabeth, N. J., assignors to Standard Oil Development Company. Regeneration of solid contact material. 2,320,273; May 25.
- Going, George C., Stamford, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Electric dry shaver. 2,331,466; Oct. 12.
- Goins, Alfred C., Gary, Ind., assignor to Carnegie-Illinois Steel Corporation. Belt wrapper guard. 2,325,504; July 27.
- Goins, Charles A., Tampa, Fla. Antigrounding device for boats. 2,322,628; June 22.
- Goissedet, Paul E. C., and R. L. Despois, Choisy-le-Roi, France; vested in the Alien Property Custodian. Preparation of new soluble aromatic amido compounds of therapeutic value. 2,309,841; Feb. 2.
- Gold, Abraham and H., New York, N. Y. Flashlight handle for ladies' handbags. 2,334,084; Nov. 9.
- Gold, Archibald. (See Leathers, W., and Gold.)
- Gold, Arnold, New York, N. Y., and S. Spielman, Philadelphia, Pa. Fan attachment for sewing machines. 2,309,894; Feb. 2.
- Gold, Herman. (See Gold, A. and H.)
- Gold, Jacob, Newton, N. J. Motor driven toothbrush. 2,310,626; Feb. 9.
- Gold, Benjamin, Brooklyn, N. Y. Photographic apparatus. 2,319,395; May 18.
- Gold, Meyer, Minneapolis, Minn. Display card for transportation advertising. 2,329,607; Sept. 11.
- Gold, Richard, Birmingham, England. Dynamoelectric machine. 2,310,422; Feb. 9.
- Gold, Richard, Birmingham, England. Preventing leakage of fluid through electric cables. 2,310,423; Feb. 9.
- Gold, Russell S., and J. Stadler, Berlin, assignors to The American Hardware Corporation, New Britain, Conn. Lock. 2,326,635; Aug. 10.
- Gold, Sam, Chicago, Ill., assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Educational airplane cockpit outfit. 2,324,833; July 20.
- Gold, Sam, Chicago, Ill., assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Pedal structure for educational airplane cockpit outfits. 2,331,603; Oct. 12.
- Gold, Sam, Chicago, Ill., assignor to Einson-Freeman Co., Inc., Long Island City, N. Y. Wheel control structure for educational airplane-cockpit outfits. 2,332,216; Oct. 19.
- Goldberg, Aaron S., assignor to Bunting Glider Company, Philadelphia, Pa. Glider construction. 2,337,462; Dec. 21.
- Goldberg, Harry H., Denver, Colo. Storm window. 2,314,092; Mar. 30.
- Goldberg, Herbert E., assignor to Eastman Kodak Company, Rochester, N. Y. Optical system. 2,324,076; July 13.
- Goldberg, Herman, Chicago, Ill. Nut tapping machine. 2,336,478; Dec. 14.
- Goldberg, Leon, New York, N. Y. Sleeve shortener. 2,318,137; Aug. 31.
- Goldberg, Louis J., Schenectady, N. Y., assignor to General Electric Company. Electromagnet. 2,322,574; June 22.
- Goldberg, Manuel E., and R. F. Haughey, McKeesport, Pa. Sectional thread protector. 2,319,124; May 11.
- Goldberg, Mark J., Spring Lake, and D. S. Willson, Muskegon Heights, Mich., assignors to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Liquid dispensing device. 2,327,584; Aug. 24.
- Goldberg, Moses W. (See Kuzicki, L., and Goldberg.)
- Goldberg, Nathan. (See Pillero, J., and Goldberg.)
- Goldblatt, Henry J. (See Landgraf, Myron J., assignor.)
- Golde, Rudolf H., and H. M. Lacey, assignors to E. R. A. Patents Limited, London, England. Protective device for electric circuits. 2,335,240; Nov. 30.
- Golden, Abraham H., and C. Ledin, assignors to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock retainer. 2,320,177; May 25.
- Golden, Bertie C., Inc., Richmond, Va. Bag-making and label-inserting machine and method. 2,313,433; Mar. 9.
- Golden, Hayden, Kewanee, Ill. Foot corrector. 2,313,870; Mar. 16.
- Goldenberg, Joseph W. (See Staples, J. A., Lewin, B. J. and T., and Goldenberg.)
- Goldenkoff, Louis L., Louisville, Ky. Soft collar of the turned down type. 2,311,897; Feb. 23.
- Golden State Company, Ltd. (See Merrill, Leland H., assignor.)
- Golden State Company, Ltd. (See Peebles, David D., assignor.)
- Golden State Company, Ltd. (See Peebles, D. D., and Manning, assignors.)
- Goldfarb, Abraham R. (See Friedman, G., and Goldfarb.)
- Goldfisher, Fred, Chicago, Ill. Cosmetic applicator. 2,328,973; Sept. 7.
- Goldingger, Paul, Brussels-Uccle, Belgium, assignor, by mesne assignments, to Chromogen, Incorporated. Photographic printing material and using the same. 2,312,543; Mar. 2.
- Goldingger, Paul, Brussels-Uccle, Belgium, assignor, by mesne assignments, to Chromogen, Incorporated. Color photographic material and using the same. 2,321,195; June 5.
- Goldman, Bronislaw, Canton, Ohio. Wash machine. 2,310,950; Feb. 16.
- Goldman, Joseph, New Brunswick, N. J., assignor, by mesne assignments, to Santee Mills. Stay strip. 2,315,851; Apr. 6.
- Goldman, Joshua H., New Brunswick, N. J., assignor to The Columbia Mills, Inc., New York, N. Y. Adhesive tape. 2,308,693; Jan. 19.
- Goldman, Louis, Rockaway Park, Long Island, and L. Levitan, Brooklyn, N. Y. Garment packet closure. 2,335,663; Nov. 30.
- Goldman, Louis, Rockaway Park, Long Island, and L. Levitan, Brooklyn, N. Y. Garment closure. 2,335,664; Nov. 30.
- Goldman, Maurice A., New Brunswick, N. J., assignor, by mesne assignments, to Franklin Process Company, Providence, R. I. Cop tube or yarn support. 2,336,086; Dec. 7.
- Goldman, Paul R., Andover, Mass. Tubular structure and articles. 2,334,619; Nov. 16.
- Goldman, Russell. (See Lackoff, S. K., and Gordon, assignor.)
- Goldman, Sylvan N., Oklahoma City, Okla. Grocery sacker. 2,314,490; Mar. 23.
- Goldmann, Joachim, Berlin, assignor to C. Lorenz Aktien-gesellschaft, Berlin-Tempelhof, Germany. Directive antenna. 2,311,535; Feb. 16.
- Goldmann, Joachim, Berlin, Germany; vested in the Alien Property Custodian. Energy transition system. 2,327,418; Aug. 24.
- Goldmark, Peter C., New Canaan, Conn., assignor to Columbia Broadcasting System, Inc., New York, N. Y. Television. 2,313,062; Mar. 9.
- Goldmark, Peter C., New Canaan, Conn., assignor to Columbia Broadcasting System, Inc., New York, N. Y. Television. 2,323,905; July 13.
- Goldmark, Peter C., assignor to Columbia Broadcasting System, Inc., New York, N. Y. Television. 2,317,989; May 4.
- Goldmark, Peter C., assignor to Columbia Broadcasting System, Inc., New York, N. Y. Television. 2,329,194; Sept. 14.
- Goldmerstein, Isaac, assignor of 35% to George A. Rubis-sow, New York, N. Y. Heat-saving and/or black-out window shield. 2,318,217; May 4.
- Goldmerstein, Isaac, New York, N. Y. Heat saving shield for windows. 2,320,125; May 25.
- Goldmerstein, Isaac, New York, N. Y. Protective sup-port for corns, bunions, toe overlaps, etc. 2,335,665; Nov. 30.
- Goldney, Philip T., Dartford, and A. G. Hingley, Bristol, England. Cutting and sorting of paper and like sheets from continuous webs. 2,318,937; May 11.
- Goldsborough, Shirley L., Basking Ridge, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Single-pole protective relaying system. 2,320,861; June 1.
- Goldsborough, Shirley L., Basking Ridge, N. J., and R. M. Smith, Fairfield, Conn., assignors to Westing-house Electric & Manufacturing Company, East Pitts-burgh, Pa. Protective relaying with discriminative re-closure. 2,329,043; Sept. 7.
- Goldsby, Arthur R. (See Sensel, E. E., and Goldsby.)
- Goldsby, Arthur R. (See Skeiton, W. E., Sensel, and Goldsby.)
- Goldsby, Arthur R., Beacon, assignor to The Texas Com-pany, New York, N. Y. Manufacture of motor fuel. 2,317,142; Apr. 20.
- Goldsby, Arthur R., Port Arthur, Tex., and K. Korpi, Redondo Beach, Calif., assignors, by mesne assign-ments, to The Texas Company, New York, N. Y. Pre-paring alkylated hydrocarbons from normal paraffinic hydrocarbons. 2,315,197; Mar. 30.
- Goldsby, Arthur R., and E. E. Sensel, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Manufacture of antiknock motor fuels. 2,324,295; July 13.
- Goldsby, Arthur R., and E. E. Sensel, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Treatment of hydrocarbons. 2,335,406; Nov. 30.
- Goldschmidt, Friedrich. (See Kafowi, Johann, assignor.)
- Goldschmidt, Hans, Berkeley, Calif. Spool rack. 2,330,702; Sept. 28.
- Goldschmidt, Max, assignor to Metalastik Limited, Leicester, England. Rubber and metal unit for resili-ent mountings, couplings, and the like. 2,322,844; June 29.
- Goldschmidt, Max, assignor to Metalastik Limited, Leicester, England. Making resilient couplings. 2,323,216; June 29.

- Goldschmidt, Robert, Pully, near Lausanne, Switzerland. Flexible hollow conductor. 2,331,116; Oct. 5.
- Goldschmidt, Victor M., Smestad, near Oslo, and K. J. Stenvik, Oslo, Norway; vested in the Allen Property Custodian. Heat resistive material, especially building material, and making same. 2,315,198; Mar. 30.
- Goldschmidt, Victor M., Smestad, Norway; vested in the Allen Property Custodian. Bonded refractory and making same. 2,335,407; Nov. 30.
- Goldschmidt, Alfred N., New York, N. Y. Television system. 2,307,210; Jan. 5.
- Goldschmidt, Alfred N., New York, N. Y. Television image enlarging system. 2,307,211; Jan. 5.
- Goldschmidt, Alfred N., New York, N. Y. Picture centering control apparatus. 2,307,212; Jan. 5.
- Goldschmidt, Alfred N., New York, N. Y. Television transmitter. 2,332,355; June 22.
- Goldschmidt, Alfred N., New York, N. Y. Television system. 2,335,180; Nov. 23.
- Goldschmidt Bros. Manufacturing Co. Inc. (See Arnold, Max, assignor.)
- Goldschmidt Bros. Smelting & Refining Company. (See Devereux, Andrew R., assignor.)
- Goldschmidt Bros. Smelting & Refining Company. (See Goldsmith, Melvin M., assignor.)
- Goldschmidt, Henry F., Longport, N. J. Merchandise display. 2,318,774; May 11.
- Goldschmidt, Melvin M., Chicago, Ill., assignor to Goldsmith Bros. Smelting & Refining Company. Brazing solder. 2,310,231; Feb. 9.
- Goldschmidt, Sydney M. (See Hill, G. E., and Goldsmith.)
- Goldschmidt, Thomas T., Jr. (See Du Mont, A. B., and Goldsmith.)
- Goldschmidt, William H., Jr., Brookline, assignor to Abington Textile Machinery Works, Boston, Mass. Method and means for stripping carding apparatus. 2,327,349; Aug. 24.
- Goldstein, Charles, Chicago, Ill. Desk pad. 2,308,654; Jan. 19.
- Goldstein, Herbert, Elizabeth, N. J., and L. Libbertson, New York, N. Y., assignors to L. Sonnenborn Sons, Inc. Water ratio reducing and workability increasing compositions for concrete and other hydraulic mixes. 2,307,741; Jan. 12.
- Goldstein, Joseph, and C. A. Marks, New York, N. Y. Hat retainer. 2,312,813; Mar. 2.
- Goldstein, Maxwell K., Washington, D. C. Color reproduction. 2,324,773; July 20.
- Goldstein, Morris L., Denver, Colo. Leather novelty glove. 2,331,170; Nov. 2.
- Goldstein, Samuel, New York, N. Y. Pressing machine. 2,320,178; May 25.
- Goldstine, Allan E., Rocky Point, N. Y., assignor to Radio Corporation of America. Automatic lighter and display device. 2,333,001; Oct. 26.
- Goldstine, Allan E., Fort Jefferson, N. Y., assignor to Radio Corporation of America. Relay system and associated circuits therefor. 2,334,180; Nov. 16.
- Goldstine, Allan E., Rocky Point, N. Y., assignor to Radio Corporation of America. Frequency modulation detection. 2,334,190; Nov. 16.
- Goldstine, Allan E., Rocky Point, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,335,934; Dec. 7.
- Goldston, Arthur R., Sandusky, Ohio. Garment construction. 2,307,213; Jan. 5.
- Goldsworthy, Norman H., Syracuse, assignor to Continental Manufacturing, New York, N. Y. Making black iron sheet metal containers. 2,322,845; June 29.
- Goldthwait, Fred W., Melrose, Mass. Apparatus for thawing frozen products. 2,331,184; Oct. 5.
- Goldwater, Samuel J., Abernathy, Tex., assignor of two-thirds to O. O. Funderburg and W. W. Blackburn, Elk City, Okla. Valve for grease dispensers. 2,312,832; Mar. 2.
- Golf Ball, Inc. (See Kalowski, Phillip, assignor.)
- Gollings, Archie H., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Rubber light buoy. 2,324,983; July 20.
- Gollmer, Carl E., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Adjustable cam. 2,307,214; Jan. 5.
- Gollmer, Hubert C., New York, N. Y. Dual cylinder. 2,329,044; Sept. 7.
- Golluber, Otto A., et al. (See Ezrol, E., assignor.)
- Gollwitzer, Walter T., Euclid Village, assignor, by meane assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Address plate. Re. 22,249; Jan. 12.
- Golnick, John, Richmond, Va. Body and fender tool. 2,320,074; May 25.
- Golob, Benjamin H. (See Berger, M. M., and Sharenow, assignors.)
- Goloborokko, Simon M., New York, N. Y. Device for a game of numbers. 2,333,002; Oct. 26.
- Golten, Sigurd, New York, N. Y. Stuffing box sealing device. 2,324,206; July 13.
- Golub, Edward R., Flushing, N. Y., assignor to Atlantic Gummed Paper Corp. Manufacturing rolls of tape. 2,329,527; Sept. 14.
- Columbia, Calvin (See Mattill, H. A., and Golumbic.)
- Gomersall, John R., assignor to McGraw Electric Company, Elgin, Ill. Thermal timer for automatic toasters. 2,315,327; Mar. 30.
- Gomersall, John R., assignor to McGraw Electric Company, Elgin, Ill. Thermal torque unit. 2,337,098; Dec. 21.
- Gomm, Albert S., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Production of aqueous dispersions of ethylene polymer. 2,313,144; Mar. 9.
- Gondek, John T. (See Hawley, J. B., Jr., Nathe, Gondek, and Nelson.)
- Gonder, Robert C. (See Gonder, Warren W., and R. C.)
- Gonder, Warren W., Washington, D. C., and R. C. Gonder, Sheridan, Wyo. Container for lunch kits. 2,324,381; July 13.
- Gömmgen, Hermann, Berlin, Germany; vested in the Allen Property Custodian. Condenser device. 2,315,199; Mar. 30.
- Goach, Claiborne W., Jr., assignor to Molins Machine Company, Inc., Richmond, Va. Apparatus for feeding tobacco and like material. 2,311,747; Feb. 23.
- Goach, Fred P., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade apparatus. 2,336,859; Dec. 14.
- Goed, Carl E., Wichita, Kans. Electric fishing boat. 2,334,819; Nov. 23.
- Good, Harper A., assignor to Landis Tool Company, Wayneboro, Pa. Crank grinder. 2,335,241; Nov. 30.
- Good, John, Garden City, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting device. 2,319,593; May 18.
- Goodale, E. Dudley, Bayside, Long Island, N. Y., and J. L. Hathaway, Cambridge, Mass., assignors to Radio Corporation of America. Measuring circuit. 2,324,077; July 13.
- Goodale, Elmer D., Bayside, Long Island, New York, N. Y., assignor to Radio Corporation of America. Electrical circuit. 2,315,784; Apr. 6.
- Goodale, Lynn, Newark, and L. A. Backer, Denyville, assignors to Federal Telephone and Radio Corporation, Newark, N. J. Filamentary cathode assembly. 2,316,415; Apr. 13.
- Goodale, Lynn, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Carbon electrode assembly. 2,317,143; Apr. 20.
- Goodale, Raymond H. (See McClintock, Leslie A., assignor.)
- Goodale, Raymond H., Worcester, Mass. Simultaneously testing and filtering solutions. 2,314,336; Mar. 23.
- Goodall Worsted Company, The. (See Glusell, Jerome, assignor.)
- Goodall Worsted Company. (See Nutter, F. E., and Spruce, assignors.)
- Goodchild, Frank D., London, England, assignor to International Standard Electric Corporation. High frequency tube. 2,316,236; Apr. 13.
- Goodchild, William C., Jr., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Means for attaching wood heels to shoes. 2,332,709; Oct. 26.
- Goodchild, William C., Jr., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Attaching wood heels to shoes. 2,332,710; Oct. 26.
- Goode, Gilbert C., Birmingham, and W. F. Harrington, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Fuel pump. 2,311,939; Feb. 23.
- Goodell, Edward G., Stevens Point, Wis. Method for recovering by-products from pulp waste liquor residues. 2,334,620; Nov. 16.
- Goodell, Edward G., Stevens Point, Wis. Method of treating sulphite waste liquors. 2,334,621; Nov. 16.
- Goodell, Edwin O., New York, N. Y. Typewriter attachment. 2,309,184; Jan. 26.
- Goodenough, Ernest F. (See Armstrong, R. B., Grisdale, and Goodenough.)
- Goodenough, Ernest F. (See Rust, N. M., Brailsford, and Goodenough.)
- Goodenough, Russell E. (See Terry, W. F., and Goodenough.)
- Gooder, Seth M., Deerfield, Ill. Material disposal apparatus. 2,318,154; May 4.
- Goodford, John A., Belleville, N. J., assignor to Crucible Steel Company of America, New York, N. Y. Welding rod. 2,329,986; Sept. 21.
- Goodhue, Lyle D. (See Sullivan, W. N., and Goodhue.)
- Goodhue, Lyle D., Berwyn, Md., and William N. Sullivan, Washington, D. C., assignors to Claude R. Wickard, as Secretary of Agriculture of United States of America, and his successors in office. Applying parasiticide. 2,321,023; June 8.
- Goodhue, Lyle D., Berwyn, Md., and W. N. Sullivan, Washington, D. C., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Dispensing apparatus. 2,331,117; Oct. 7.
- Goodhue, Ralph W. (See Baker, A. F., and Goodhue.)
- Gooding, Chester M., Staten Island, assignor to The Best Food, Inc., New York, N. Y. Preparation of mixed esters of polyhydric alcohols. 2,309,949; Feb. 2.
- Goodings, Alfred C., and H. B. Marshall, assignors to Ontario Research Foundation, Toronto, Ontario, Canada. Textile oil. 2,336,087; Dec. 7.
- Goodlin, Carl L., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for control of highway crossing rate. 2,312,758; Mar. 2.

- Goodloe, Alfred M., Montclair, assignor to Metal Textile Corporation, West Orange, N. J. Black-out shade. 2,317,452; Apr. 27.
- Goodloe, Alfred M., Montclair, assignor to Metal Textile Corporation, West Orange, N. J. Removable filter unit for air cleaners. 2,322,513; June 22.
- Goodloe, Alfred M., Montclair, assignor to Metal Textile Corporation, West Orange, N. J. Filter body. 2,327,184; Aug. 17.
- Goodloe, Alfred M., Montclair, assignor to Metal Textile Corporation, West Orange, N. J. Strainer device for liquids. 2,329,987; Sept. 21.
- Goodloe, Paul M., 2nd. (See Waldo, P. G., Goodloe, and Berger.)
- Goodloe, Paul M., and H. C. Berger, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Breaking petroleum emulsions. 2,317,050; Apr. 20.
- Goodman, Abraham H. (See Schopmeyer, H. H., and Goodman.)
- Goodman, Adeline H., Chicago, Ill. Sleeping robe or garment for infants. 2,336,008; Dec. 7.
- Goodman, Adolph, Brooklyn, N. Y. Over-and-under scale. 2,335,753; Nov. 30.
- Goodman, George, Limited. (See Goodman, Graham B., assignor.)
- Goodman, Graham B., Birmingham, assignor to George Goodman, Limited, Birmingham, England. Making tubular rivets or sockets. 2,320,862; June 1.
- Goodman, Henry G., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Wood stain solvents. 2,320,426; June 1.
- Goodman, Henry G., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Beta-amino acid amides and making same. 2,323,391; July 6.
- Goodman, Jack, Chicago, Ill. Means for preventing ice formation on aircraft wings. 2,328,079; Aug. 31.
- Goodman, Jacob A., assignor to National Silk Hosiery Mills, Inc., Indianapolis, Ind. Full-fashioned stocking heel construction. 2,308,506; Jan. 19.
- Goodman, Joseph S., Albany, N. Y. Optical instrument. 2,312,542; Mar. 2.
- Goodman, Mac, New York, N. Y. Luminescent composition and producing the same. 2,310,424; Feb. 9.
- Goodman, Mac, New York, N. Y. Luminescent product and producing the same. 2,310,425; Feb. 9.
- Goodman Manufacturing Company. (See Arentzen, Elmar M., assignor.)
- Goodman Manufacturing Company. (See Beck, William R., assignor.)
- Goodman Manufacturing Company. (See Bergmann, Ernst R., assignor.)
- Goodman Manufacturing Company. (See Cartledge, Frank, assignor.)
- Goodman Manufacturing Company. (See Crawford, Loyal F., assignor.)
- Goodman Manufacturing Company. (See Doberstein, Edward J., assignor.)
- Goodman Manufacturing Company. (See Gledess, Anthony R., assignor.)
- Goodman Manufacturing Company. (See Hagenbook, Loy D., assignor.)
- Goodman Manufacturing Company. (See Holstein, John H., assignor.)
- Goodman Manufacturing Company. (See Lee, Arthur L., assignor.)
- Goodman Manufacturing Company. (See Lindgren, Frank A., assignor.)
- Goodman Manufacturing Company. (See Madeira, John R., assignor.)
- Goodman Manufacturing Company. (See McCullough, William T., assignor.)
- Goodman Manufacturing Company. (See Pratt, Charles A., assignor.)
- Goodman Manufacturing Company. (See Pray, Thomas E., assignor.)
- Goodman Manufacturing Company. (See Schafer, Charles J., assignor.)
- Goodman Manufacturing Company. (See Sloane, William W., assignor.)
- Goodman Manufacturing Company. (See Wood, Claude O., assignor.)
- Goodman Manufacturing Company. (See Wood, Frank J., assignor.)
- Goodman, Percival, New York, N. Y. Floor constructions and prefabricated members therefor. 2,309,389; Jan. 26.
- Goodman, Reuben E., Lowell, Mass. Table. 2,310,521; Feb. 9.
- Goodman, Sol, New York, N. Y. Assembly machine. 2,311,530; Feb. 16.
- Goodman, Willard B., Radburn, N. J., assignor to Wright Aeronautical Corporation. Propeller fairing. 2,329,606; Sept. 14.
- Goodman, Willard B., and K. Hobein, Los Angeles, Calif., assignors to Wright Aeronautical Corporation. Engine lubrication system control. 2,336,784; Dec. 14.
- Goodrich, B. F., Company, The. (See Allen, Raymond P., assignor.)
- Goodrich, B. F., Company, The. (See Baird, Earl F., assignor.)
- Goodrich, B. F., Company, The. (See Bell, M. R., and Stebbins, assignors.)
- Goodrich, B. F., Company, The. (See Boyle, Thomas E., assignor.)
- Goodrich, B. F., Company, The. (See Busse, Warren F., assignor.)
- Goodrich, B. F., Company, The. (See Craig, David, assignor.)
- Goodrich, B. F., Company, The. (See Crawford, Richard A., assignor.)
- Goodrich, B. F., Company, The. (See Davis, Edward A., assignor.)
- Goodrich, B. F., Company, The. (See Diller, A. L., and Cameron, assignors.)
- Goodrich, B. F., Company, The. (See Flink, John H., assignor.)
- Goodrich, B. F., Company, The. (See Fryling, Charles F., assignor.)
- Goodrich, B. F., Company, The. (See Garvey, Benjamin S., assignor.)
- Goodrich, B. F., Company, The. (See Gay, Vincent B., assignor.)
- Goodrich, B. F., Company, The. (See Gazdik, I., and Lessig, assignors.)
- Goodrich, B. F., Company, The. (See Gray, Harold, assignor.)
- Goodrich, B. F., Company, The. (See Gresham, T. L., assignor.)
- Goodrich, B. F., Company, The. (See Grinter, Hershel W., assignor.)
- Goodrich, B. F., Company, The. (See Haren, U. C., and Sapp, assignors.)
- Goodrich, B. F., Company, The. (See Haushalter, F. L., and Horchitz, assignors.)
- Goodrich, B. F., Company, The. (See Henderson, Donald E., assignor.)
- Goodrich, B. F., Company, The. (See Holmes, Lenis, assignor.)
- Goodrich, B. F., Company, The. (See Hunter, Willson H., assignor.)
- Goodrich, B. F., Company, The. (See Japs, Archie B., assignor.)
- Goodrich, B. F., Company, The. (See Jones, Paul C., assignor.)
- Goodrich, B. F., Company, The. (See Jones, P. C., and Marbach, assignors.)
- Goodrich, B. F., Company, The. (See Judson, Robert H., assignor.)
- Goodrich, B. F., Company, The. (See Krotz, Alvin S., assignor.)
- Goodrich, B. F., Company, The. (See Leguillon, Charles V., assignor.)
- Goodrich, B. F., Company, The. (See Leguillon, C. W., and Davis, assignors.)
- Goodrich, B. F., Company, The. (See Leguillon, C. W., and Homeier, assignors.)
- Goodrich, B. F., Company, The. (See Lessig, E. T., and Gazdik, assignors.)
- Goodrich, B. F., Company, The. (See Lessig, E. T., and Headley, assignors.)
- Goodrich, B. F., Company, The. (See L'Hollier, Leslie H., assignor.)
- Goodrich, B. F., Company, The. (See Mathes, Roger A., assignor.)
- Goodrich, B. F., Company, The. (See Mathes, R. A., and Jones, assignors.)
- Goodrich, B. F., Company, The. (See Mayne, Robert, assignor.)
- Goodrich, B. F., Company, The. (See Mick, J. J., and MacCurdy, assignors.)
- Goodrich, B. F., Company, The. (See Miller, Donald J., assignor.)
- Goodrich, B. F., Company, The. (See Morse, J. F., and Taylor, assignors.)
- Goodrich, B. F., Company, The. (See Ofensend, Chase F., assignor.)
- Goodrich, B. F., Company, The. (See Olson, F. F., and Klyce, assignors.)
- Goodrich, B. F., Company, The. (See Phillips, Warren E., assignor.)
- Goodrich, B. F., Company, The. (See Sarbach, Donald V., assignor.)
- Goodrich, B. F., Company, The. (See Sauser, Doran E., assignor.)
- Goodrich, B. F., Company, The. (See Schick, E. L., and Ashworth, assignors.)
- Goodrich, B. F., Company, The. (See Schippel, Henry F., assignor.)
- Goodrich, B. F., Company, The. (See Schmidt, Richard F., assignor.)
- Goodrich, B. F., Company, The. (See Seaton, John H., assignor.)
- Goodrich, B. F., Company, The. (See Semon, Waldo L., assignor.)
- Goodrich, B. F., Company, The. (See Sloan, Arthur W., assignor.)
- Goodrich, B. F., Company, The. (See Slusher, Frank, assignor.)
- Goodrich, B. F., Company, The. (See Spicer, Alvin W., assignor.)
- Goodrich, B. F., Company, The. (See Sternad, F. S., and Sapp, assignors.)
- Goodrich, B. F., Company, The. (See Stewart, William D., assignor.)
- Goodrich, B. F., Company, The. (See Stoffer, Virgil L., assignor.)

- Goodrich, B. F., Company, The. (See Strong, Walter J., assignor.)
- Goodrich, B. F., Company, The. (See Taylor, M. L., and Swars, assignors.)
- Goodrich, B. F., Company, The. (See Tucker, Harold, assignor.)
- Goodrich, B. F., Company, The. (See Van Orden, Paul W., assignor.)
- Goodrich, B. F., Company, The. (See Wright, Helen E., assignor.)
- Goodrich, B. F., Company, The. (See Young, Harvey L., assignor.)
- Goodrich, Cephus G., Wakefield, Va. Conveyor wheel for peanut diggers. 2,311,982; Feb. 23.
- Goodrich, Robert R., Glendale, assignor to Gladding, McBean & Company, San Francisco, Calif. Acid-proof cement. 2,323,029; June 29.
- Goodridge, Edward S., Port Washington, assignor to Induction Heating Corporation, New York, N. Y. Induction heating device. Re. 2,232,321; May 25.
- Goodridge, Edward S., Port Washington, assignor to Induction Heating Corporation, New York, N. Y. Induction heating device. 2,308,240; Jan. 12.
- Goodson, Luke B. (See Montgomery, J. V., and Goodson.)
- Goodson, Luke B. (See Montgomery, J. V., Goodson, and Henry.)
- Goodson, Luke B., Phillips, Tex., J. V. Montgomery, Okmulgee, and R. W. Henry, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dewaxing solvent. 2,330,048; Sept. 21.
- Goodspeed, Edwin W. (See Thompson, J. S., and Goodspeed.)
- Goodspeed, Willis B., Bristol, R. L., assignor to Collins & Alkman Corporation, Philadelphia, Pa. Apparatus for worsted drawing. 2,328,890; Sept. 7.
- Goodstein, Charles B., Brooklyn, N. Y., assignor to Boston Wire Stitcher Company, Warwick, R. I. Fastener applying device. 2,309,763; Feb. 2.
- Goodwin, Alfred D., Manteca, Calif. Nut cracker and sheller. 2,324,582; July 13.
- Goodwin, Carl W., Plainfield, N. J., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Capping head. 2,325,160; July 27.
- Goodwin, Carl W., Plainfield, N. J., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Ficker mechanism. 2,325,164; July 27.
- Goodwin, Carl W., Plainfield, N. J., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Remote photoelectric control. 2,325,165; July 27.
- Goodwin, Carl W., Plainfield, N. J., and H. W. Martin, Malverne, N. Y., assignors to American Seal-Kap Corporation of Delaware, Wilmington, Del. Cap feed and heating apparatus. 2,325,050; July 27.
- Goodwin, Carl W., Plainfield, N. J., and H. W. Martin, Malverne, N. Y., assignors to American Seal-Kap Corporation of Delaware, Wilmington, Del. Forming press. 2,325,161; July 27.
- Goodwin, Carl W., Plainfield, N. J., and H. G. Vore, Jackson Heights, N. Y., assignors to American Seal-Kap Corporation of Delaware, Wilmington, Del. Coating machine. 2,325,162; July 27.
- Goodwin, Carl W., Plainfield, N. J., and H. W. Martin, Malverne, N. Y., assignors to American Seal-Kap Corporation of Delaware, Wilmington, Del. Capping machine. 2,325,163; July 27.
- Goodwin, George I., Cleveland, Ohio. Clutch driven plate assembly. 2,308,604; Jan. 19.
- Goodwin, George I., Detroit, Mich. Clutch plate. 2,309,950; Feb. 2.
- Goodwin, George I., Detroit, Mich. Clutch plate. 2,327,884; Aug. 24.
- Goodwin, George I., Detroit, Mich. Clutch plate. 2,333,308; Nov. 2.
- Goodwin, Henry S., Fanwood, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Non-foaming asphalt saturant. 2,322,629; June 22.
- Goodwin, Herbert F., Melrose, assignor of one-half to Edgar P. Lewis & Sons, Inc., Malden, Mass. Apparatus for packing candy articles or the like. 2,317,374; Apr. 27.
- Goodwin, William M., Central Square, N. Y. Valve actuating mechanism. 2,322,514; June 22.
- Goodyear, Charles H., Stockton, assignor to Fibreboard Products Inc., San Francisco, Calif. Box. 2,337,654; Dec. 28.
- Goodyear, Charles H., Stockton, and B. P. Altick, San Mateo, assignors to Fibreboard Products Inc., San Francisco, Calif. Container. 2,336,088; Dec. 7.
- Goodyear, Ellsworth S. (See Allison, E. R., and Goodyear.)
- Goodyear, George H. (See Crowley, C. A., and Goodyear.)
- Gooley, Robert E., Oradell, N. J. File fastener. 2,336,681; Dec. 14.
- Goppel, Otto. (See Friedrich, A., and Goppel.)
- Gora, Henry Z., Bridgeport, Conn., assignor to Jenkins Bros., New York, N. Y. Hydraulic valve mechanism. 2,311,336; Feb. 16.
- Gora, Henry Z., Bridgeport, Conn., assignor to Jenkins Bros., New York, N. Y. Tire valve. 2,311,748; Feb. 23.
- Gora, Henry Z., Bridgeport, Conn., assignor to Jenkins Bros., New York, N. Y. Jar cap. 2,311,983; Feb. 23.
- Gora, Henry Z., Bridgeport, Conn., assignor to Jenkins Bros., New York, N. Y. Molding apparatus. 2,314,823; Mar. 23.
- Gora, Henry Z., Bridgeport, Conn., assignor to Jenkins Bros., New York, N. Y. Testing equipment. 2,319,501; May 18.
- Gora, Henry Z., Bridgeport, Conn., assignor to Jenkins Bros., New York, N. Y. Valve. 2,330,881; Oct. 5.
- Gora, John J., River Rouge, and E. J. Wyrick, Wyandotte, Mich., assignors to All Metal Products Company, Detroit, Mich. Pump type dart gun. 2,321,076; June 8.
- Gora, John J., River Rouge, and E. J. Wyrick, assignors to All Metal Products Company, Wyandotte, Mich. Piston type dart gun. 2,321,077; June 8.
- Gorbatenko, Dimitri L., assignor to Dimgor Corp., San Francisco, Calif. Single roll tape dispenser. 2,310,522; Feb. 17.
- Gorbatenko, Dimitri L., assignor to Dimgor Corp., San Francisco, Calif. Tape dispenser. 2,333,924; Nov. 9.
- Gorden, Walter L., assignor to Mall Tool Company, Chicago, Ill. Engine starter. 2,323,535; July 6.
- Gordon, Alvin J. (See Danley, G. L., and Gordon.)
- Gordon, Arthur, Chicago, Ill. Mixing unit. 2,325,242; July 27.
- Gordon, Calmer E. (See Holmes, J. Q., and Gordon.)
- Gordon, Carlton C., Elmsire, assignor to Albany Felt Company, Albany, N. Y. Mechanical fabric. 2,312,710; Mar. 2.
- Gordon, Cory W., assignor to The Wabash Fibre Box Company, Terre Haute, Ind. Box. 2,333,244; Nov. 2.
- Gordon, Earle C., Jr., et al. (See Robes, Ernest C., assignor.)
- Gordon, Harry. (See Lackoff, S. K., and Gordon.)
- Gordon, Harry K., Seattle, Wash. Self-reinforcing paper container. 2,312,895; Mar. 2.
- Gordon, Jack C., assignor to Allen Industries, Inc., Detroit, Mich. Machine for finishing edges of underpadding. 2,333,998; Nov. 9.
- Gordon, Joseph T., Livingston, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Manufacture of hard rollers. 2,332,071; Oct. 19.
- Gordon, Julius G., Yakima, and M. A. Lesh, near Yakima, assignors to Washington State Hop Producers, Inc., Yakima, Wash. Hop picking and cleaning machine. 2,311,469; Jan. 16.
- Gordon, Julius M., Beaumont, Tex. Reel. 2,330,278; Sept. 28.
- Gordon, Malcolm K., Jr., Garrison, N. Y., and A. H. Hotopp, Jr., Caldwell, assignors to Technical Devices Corporation, Bloomfield, N. J. Film-ejecting storage cabinet. 2,330,173; Sept. 21.
- Gordon, Newell T., and W. R. Whitney, Schenectady, N. Y., assignors to General Electric Company. Vapor electric device and operation. 2,307,502; Jan. 5.
- Gordon, Philip L., New York, N. Y. Waterproof sealing compound. 2,309,185; Jan. 26.
- Gordon-Rompany, The. (See Norberg, Harold, assignor.)
- Gordon, Robert H., Detroit, Mich., and R. P. Tooke, Butler, Pa., assignors to The American Rolling Mill Company, Middletown, Ohio. Apparatus for treating metal strips. 2,311,616; Feb. 16.
- Gordon, Wallace E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Molding of polymeric materials. 2,309,729; Feb. 2.
- Gordon, Wallace E., Wilmington, Del., and J. E. Williamson, Stratford, Conn., assignors to Remington Arms Company, Inc. Inhibiting corrosion. 2,315,852; Apr. 6.
- Gordon, William, Union City, N. J. Screw-actuated vise. 2,331,831; Oct. 12.
- Gordy, Albert F., Los Angeles, and A. F. Rade, Wilmar, assignors of thirty-one and two-thirds per cent to A. M. Rex, South Gate, Calif. Clamping tool. 2,323,654; July 6.
- Gordy, Charles M., Texas City, Tex. Cylindrical drawer. 2,337,655; Dec. 28.
- Gordy, John S., Houston, Tex. Cementing tool. 2,331,185; Oct. 5.
- Gore, Albert J., Washington, D. C. Coupler or hook. 2,319,180; May 11.
- Gore, Herbert C. (See Redmond, W. R., Gore, and Frey.)
- Goretzky, Louis, Roxbury, Mass. Ear muff. 2,314,782; Mar. 23.
- Gorey, Archie H., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Focal plane shutter curtain structure for cameras. 2,335,666; Nov. 30.
- Gorham Manufacturing Company. (See Hempel, Edwin G., assignor.)
- Gorin, Everett, Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Conversion of normally gaseous hydrocarbons. 2,320,274; May 25.
- Gorls, William R. (See Onksen, G. W., Jr., and Gorls.)
- Görlich, Paul, Dresden, Germany; tested in the Alien Property Custodian, Producing secondary electron emitting cathodes. 2,317,754; Apr. 27.
- Gorman, Wilbur R., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Dust housing. 2,332,484; Oct. 19.
- Gorospes, Francisco P., Wayne, Pa. Game apparatus. 2,325,243; July 27.
- Gorr, Charles F., Orange, Calif. Device for propelling boats. 2,333,171; Nov. 2.

- Gorrell, Fred, Odessa, Tex. Adjustable wrench. 2,312,090; Feb. 23.
 Gorrien, John, assignor to C. C. Needham, Minneapolis, Minn. Device for connecting hose pipes to faucets. 2,326,213; Aug. 10.
 Gorton, George, assignor to George Gorton Machine Co., Racine, Wis. Machine tool. 2,320,776; June 1.
 Gorton, George, Machine Co. (See Gorton, George, assignor.)
 Gorton, George, Machine Co. (See Miller, T., and Knapp, assignors.)
 Gorton, Walter T., U. S. Army, Springfield, Mass. Gun. 2,322,780; June 23.
 Gorton, William S., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode ray device. 2,338,036; Dec. 28.
 Goschbrink, Frederick J. (See Moyle, Randall, assignor.)
 Goshaw, Irl R., Beverly Hills, Calif., assignor to Radio Corporation of America. Motion picture sound recording and reproducing system. 2,322,435; June 22.
 Goshorn, John C., Baltimore, and W. E. Gross, Joppla, Md., assignors to The Secretary of War of the United States of America and to his successors in office. Volume meter for granular materials. 2,332,512; Oct. 26.
 Gossin Birmingham Manufacturing Company. (See Sadtler, Philip B., assignor.)
 Gossline, James E., Berkeley, W. R. Postlewaite, Palo Alto, and W. G. Miller, Albany, assignors to Standard Oil Company of California, San Francisco, Calif. Testing wells. 2,334,920; Nov. 23.
 Gossline, James E., Berkeley, W. R. Postlewaite, Palo Alto, and W. G. Miller, Albany, assignors to Standard Oil Company of California, San Francisco, Calif. Apparatus for testing wells. 2,334,921; Nov. 23.
 Gosling, Joseph B. (See Brackney, H. W., & Gosling.)
 Gosnold Mills Corporation. (See Daniels, Manuel, assignor.)
 Goss Printing Press Company, The. (See Crafts, Curtis S., assignor.)
 Goss Printing Press Company, The. (See Durham, Hobart N., assignor.)
 Goss Printing Press Company, The. (See Temte, Nils O., assignor.)
 Goss, Printing Press Company, The. (See Whitehead, William A., assignor.)
 Goss, Wesley R., and Ray D. Jones, Fort Wayne, Ind., assignors to General Electric Company. Dynamo-electric machine. 2,308,279; Jan. 12.
 Gossard, Charles M. (See Huyett, R. B., and Gossard.)
 Gossaux, Eugene A., Edwardsville, Ill., assignor of one-half to G. Klein, St. Louis, Mo. Hair waving pad. 2,314,932; Mar. 30.
 Gosser, Frank I., Miami, Fla. Collapsible trailer. 2,328,138; Aug. 31.
 Gossett, Bryant W. (See Cunningham, Walter, assignor.)
 Gotte, Ernst, Dessau in Anhalt, Germany, assignor, by mesne assignments, to "Eichem" Chemikalien Handels A.-G. Zurich, Switzerland. Treatment bath. 2,310,074; Feb. 2.
 Gottfried, John. (See Fry, B. W., and Gottfried.)
 Gottfried, John, assignor to National Slug Rejectors, Inc., St. Louis, Mo. Coin selector. 2,326,214; Aug. 10.
 Gottfried, Louis, Bronx, assignor of one-half to J. Berger, New York, N. Y. Foldable baby carriage. 2,322,931; June 29.
 Gottfried, Siegfried, Budapest, Hungary, assignor to Pannonia (London) Limited, London, England. Treating pelts or furs. 2,323,751; July 6.
 Gottler, Thomas L., Westmont, N. J., assignor to Radio Corporation of America. Television system. 2,309,764; Feb. 2.
 Gottlieb, Gerald H., New York, N. Y. Cartographic device. 2,316,786; Apr. 20.
 Gottlieb, Hans E. (See Wuertz, A. J., and Gottlieb.)
 Gottlieb, Manions, Philadelphia, Pa., assignor to Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa. Turbine governing apparatus. 2,332,910; Oct. 26.
 Gottlieb, Mortiz M., Allentown, Pa. Radio clock. 2,311,380; Feb. 16.
 Gortschak, Louis, Milwaukee, Wis. Gear arrangement. 2,337,460; Dec. 21.
 Gottwald, Christian, Cleveland Heights, and W. S. McLeish, Barberton, Ohio, assignors to the Ric-wil Company. Fluid distribution system. 2,330,966; Oct. 5.
 Gough, George V. (See Gough, Victor F. and G. V.)
 Gough, Victor F. and G. V., Chicago, Ill. Can perforator and dispenser. 2,317,755; Apr. 27.
 Gould, Charles R., Kansas City, Mo. Doorway closure. 2,315,953; Apr. 6.
 Gould, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric toaster. 2,309,640; Feb. 2.
 Gould, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric appliance. 2,309,641; Feb. 2.
 Gould, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Motor. 2,317,098; Apr. 20.
 Gould, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric iron. 2,325,017; July 20.
 Gough, Joseph E. (See Bulkley, W. P., and Gough.)
 Gougler, Marcelline. (See Neth, F. A., and Gougler.)
 Gouin, Louis J., East Orange, N. J. Latch opening and window actuating mechanism. 2,326,456; Aug. 10.
 Gould, Austin J. (See Fordyce, C. R., and Gould.)
 Gould, Austin J. (See Nadeau, G. F., and Gould.)
 Gould, David C., and E. K. Lusk, Vancouver, British Columbia, Canada. Dispensing device. 2,312,544; Mar. 2.
 Gould & Eberhardt. (See Davenport, Granger, assignor.)
 Gould & Eberhardt. (See Zimmermann, William F., assignor.)
 Gould, Richard E. (See Alexander, D. F., Gould, and Horaday.)
 Gould, Richard E. (See McCormack, A. A., and Gould.)
 Gould, Richard E., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,311,224; Feb. 16.
 Gould, Richard E., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus and method. 2,319,502; May 18.
 Gould, Richard E., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,320,035; May 25.
 Gould, Richard E., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,333,309; Nov. 2.
 Gould, Richard E., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,336,089; Dec. 7.
 Gould, Richard E., Oakwood, and C. F. Henney, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,332,711; Oct. 26.
 Gould, Richard H., Douglaston, Long Island, N. Y. Activated sludge process of treating sewage and apparatus therefor. 2,337,384; Dec. 21.
 Gould, Samuel, and C. V. Baker, Los Angeles, Calif. Gaseous tube sign. 2,319,450; May 18.
 Gould, Sheldon D., Brooklyn, N. Y. Separable fastener. 2,316,787; Apr. 20.
 Gouldbourn, Joseph, Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Tension device. 2,322,232; June 2.
 Gouldbourn, Joseph, and T. A. Kestell, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sewing machine. 2,331,118; Oct. 5.
 Gouldbourn, Joseph, and T. A. Kestell, Leicester, England, assignors to United Shoe Machinery Corporation, Flemington, N. J. Lubricating system. 2,331,119; Oct. 5.
 Goulding, Joseph M., Fairhaven, Mass., assignor to Revere Copper and Brass Incorporated, New York, N. Y. Making rolls. 2,309,186; Jan. 26.
 Gouloze, Martin J., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,311,045; Feb. 16.
 Gouloze, Martin J., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Wringer. 2,329,115; Sept. 7.
 Gouloze, Martin J., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,329,752; Sept. 21.
 Gouloze, Martin J., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,329,753; Sept. 21.
 Gouloze, Martin J., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,329,754; Sept. 21.
 Gouloze, Martin J., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,329,755; Sept. 21.
 Gouloze, Martin J., Grand Rapids, assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,334,259; Nov. 16.
 Govan, William, Chenango Bridge, assignor to The Drybak Corporation, Binghamton, N. Y. Belt for personal wear. 2,321,808; June 15.
 Govanus, Elmer J., assignor to Punch-Lok Company, Chicago, Ill. Combination band pulling and punching tool. 2,312,400; Mar. 2.
 Government of the United States, as represented by the Executive Director of the Office of Economic Warfare. (See Chalkley, Lyman, assignor.)
 Government of the United States, as represented by the Secretary of Commerce. (See Morey, Francis C., assignor.)
 Government of the United States, as represented by the Secretary of Commerce. (See Schoonover, I. C., and Dickson.)
 Government of the United States of America, as represented by the Secretary of Commerce. (See Dunmore, F., and Lapham, assignors.)
 Government of the United States of America, as represented by the Secretary of War. (See Bush, Vannavar, assignor.)
 Government of the United States of America, The. (See Inman, assignor.)
 Government of the United States of America, The, by the Secretary of War. (See Farrow, Stanley, assignor.)
 Goy, Andras, Budapest, Hungary; vested in the Alien Property Custodian. Justifying mechanism for typewriters and the like. 2,325,505; July 27.

- Graham, William C., assignor to Submarine Signal Company, Boston, Mass. Voltage and frequency regulator. 2,329,195; Sept. 14.
- Grahne, Josef A., Bratislava, Czechoslovakia; vested in the Alien Property Custodian. Stretchable laminated fabric and manufacture of same. 2,332,848; Oct. 26.
- Graber, Jacob. (See Strassman, Otto A., assignor.)
- Graber, John N., Madison, Wis. Drapery crane. 2,321,196; June 8.
- Grahnski, Philip, South Prairie, Wash. Logging apparatus. 2,318,218; May 4.
- Grable, Donovan B., Long Beach, Calif. Pipe rotating apparatus. 2,311,227; Feb. 16.
- Grace, Bruce R., Auckland, New Zealand. Range-finder for measuring and indicating the distance between two points. 2,320,975; May 25.
- Grace, Edward, Detroit, Mich. Clutch. 2,321,886; June 15.
- Grace, Harold S., New Orleans, La. Combined welder's shield and supply container. 2,327,506; July 27.
- Grace, John H., assignor to R. L. Grace, Vancouver, British Columbia, Canada. Smelting apparatus. 2,330,487; Sept. 28.
- Grace, Robert H., Bridgeport, Conn., and I. F. Walker, Wilmington, Del., assignors to Remington Arms Company, Inc. Ammunition manufacture. 2,327,585; Aug. 24.
- Grace, Ronald H. (See Grace, John H., assignor.)
- Gracie, Crossing Guard Corporation. (See Nampo, Sulo M., assignor.)
- Gradisar, Albin A. (See Harper, K. W., Gradisar, Armstrong, and Peck.)
- Gradisar, Albin A. (See Peck, W. F., and Gradisar.)
- Grady, Daniel W., and J. J. Laurie, Highland Park, Ill. Telephone anchorage means. 2,333,660.
- Grady, J. H., Manufacturing Company. (See Grady, John H., assignor.)
- Grady, John H., assignor to J. H. Grady Manufacturing Company, St. Louis, Mo. Ball. 2,325,128; July 27.
- Grady, Roy L., Wooster, Ohio. Deodorant. 2,317,908; Apr. 27.
- Grady, Stephen S., Magnolia, N. C. Electric switch. 2,324,621; July 20.
- Grady, Warren G., assignor to The Drybak Corporation, Birmingham, N. Y. Hunting coat. 2,315,416; Mar. 30.
- Graebner, Otto F., assignor to The Murray Corporation of America, Detroit, Mich. Window construction. 2,326,532; Aug. 10.
- Graef, Ernest J. (See Ehlers, F. R., and Graef.)
- Graef, Forrest J., assignor to Tukheim Oil Tank and Pump Company, Fort Wayne, Ind. Pump construction. 2,336,470; Dec. 14.
- Graef, Russell C., Westfield, N. J. Building structure. 2,307,215; Jan. 6.
- Graenacher, Charles, Riehen, R. Sallmann, Bottmingen, and O. Albrecht, Munchenstein, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Condensation product and preparing same. 2,312,896; Mar. 2.
- Graenacher, Charles, Riehen, and R. Sallmann, Bottmingen, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Improving materials containing cellulose. 2,317,556; Apr. 27.
- Graenacher, Charles, Riehen, Carlo Rossi, and H. Bruengli, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Dried cellulose materials of improved fastness to light and preparing same. 2,320,588; June 1.
- Graenacher, Charles, Riehen, Richard Sallmann, Bottmingen, and Otto Albrecht, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Condensation product and preparing same. 2,331,387; Oct. 12.
- Graenacher, Charles, Riehen, P. Streuli and J. Frei, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Indolizol derivatives and making same. 2,335,271; Nov. 30.
- Grassner, David A., Westfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine loop-taker. 2,330,350; Sept. 28.
- Graf, Edwin L., Rockford, assignor to General Motors Corporation, Detroit, Mich. Panel conveying and stacking apparatus. 2,333,479; Nov. 2.
- Graf, Joseph A., Findlay, Ohio. Dispensing tool. 2,323,217; June 29.
- Graf, Roderich, Frankfurt-on-the-Main-Unterliederbach, Germany; vested in the Alien Property Custodian. Alkylene-polyamines and preparing them. 2,317,757; Apr. 27.
- Grafsland, Paul T. (See Grafsland, Sigurd A., assignor.)
- Grafsland, Sigurd A., assignor of one-half to P. T. Grafsland, Minneapolis, Minn. Repair and sales record card. 2,326,939; Aug. 17.
- Graham, Adelbert M. (See Smith, W. G. L., and Graham.)
- Graham, Clarence T., North Attleboro, assignor, by mesne assignments, to DeFiance Manufacturing Company, Barrowsville, Mass. Treating fabric, and fabric. 2,317,375; Apr. 27.
- Graham, Clarence W. (See Davis, R. C., and Graham.)
- Graham, Clifford P. (See Atkinson, S. H., and Graham.)
- Graham, Davis P. (See Vroom, R. C., and Graham.)
- Graham, Donald P. (See Wuerzt, A. J., and Graham.)
- Graham, Donald P., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the a-thraquinone series. 2,312,401; Mar. 2.
- Graham, Duncan L., Denver, Colo. Container. 2,310,420; Feb. 9.
- Graham, Emory W. (See Quintin, R. A., and Graham.)
- Graham, George A., assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor container. 2,310,849; Feb. 9.
- Graham, George M., Detroit, assignor to Hinckley-Myers Company, Jackson, Mich. Wheel alignment gauge. 2,308,808; Jan. 19.
- Graham, George M., Detroit, assignor to Hinckley-Myers Company, Jackson, Mich. Connecting rod aligner. 2,326,800; Dec. 4.
- Graham, Guy H., Worcester, Mass., assignor to United Shoe Machinery Corporation, Farmington, N. J. Shoe sewing machine. 2,331,318; Oct. 12.
- Graham, Harold J., Boston, Mass. Current regulating apparatus for electric arc welding circuits. 2,334,773; Oct. 12.
- Graham, Harvey L. (See Briscoe, C. F., and Graham.)
- Graham, Isidiah, Omaha, Nebr. Fire escape elevator and car. 2,312,833; Mar. 2.
- Graham, Jesse H., assignor of one-half to S. E. Stensrud, San Diego, Calif. Con operated typewriter controller apparatus. 2,325,244; July 27.
- Graham, John H., New York, N. Y. Spring suspension for wheeled vehicles. 2,308,750; Jan. 19.
- Graham, John M. (See Naman, C. L., and Graham.)
- Graham, Le Roy W., German Township, St. Joseph County, Ind. Calf feeder. 2,329,347; Sept. 11.
- Graham, Lewis P. (See Atherholt, G. L., Sr., Saunders, and Graham.)
- Graham, Louis A., assignor to Graham Transmissions, Inc., Milwaukee, Wis. Torque transmitting device. 2,319,319; May 18.
- Graham Mfg. Co. The. (See Maynard, J. P., and Matteson, Jr., assignors.)
- Graham, Matthew P. (See Venditty, A., and Graham.)
- Graham, Maurice H., et al. (See Anderson, William M., assignor.)
- Graham, Maurice H., St. Louis Park, Minn. Pressure cooker. 2,308,607; Jan. 19.
- Graham, Maurice H., Minneapolis, Minn. Beverage making apparatus. 2,317,453; Apr. 27.
- Graham, Maurice H., St. Louis Park, and T. C. Forbes, Hopkins, Minn.; said Forbes assignor to said Graham. Tea making apparatus. 2,329,608; Sept. 14.
- Graham, Roy G., assignor to J. R. Kearney Corporation, St. Louis, Mo. Connector. 2,307,216; Jan. 6.
- Graham, Roy G., assignor to James R. Kearney Corporation, St. Louis, Mo. Connector. 2,320,777; June 1.
- Graham, Roy G., assignor to James R. Kearney Corporation, St. Louis, Mo. Connecting apparatus for portable telephone sets. 2,336,009; Dec. 7.
- Graham, Stanley W., Los Angeles, Calif. Automatic shut-off. 2,333,370; Nov. 2.
- Graham, Thomas H., Ellwood City, Pa., assignor to National Tube Company. Post straightener for pipes, bars, and the like material. 2,311,825; Feb. 23.
- Graham Transmissions, Inc. (See Graham, Louis A., assignor.)
- Graham Transmissions Inc. (See Madlé, Alain M., assignor.)
- Graham, Warren C., New York, N. Y., assignor to First Bank and Trust Company, Perth Amboy, N. J., and Reconstruction Finance Corporation, New York, N. Y. Flame throwing equipment. 2,331,388; Oct. 12.
- Graham, William, Long Beach, assignor to Richfield Oil Corporation, Los Angeles, Calif. Treatment of waste water. 2,309,062; Jan. 19.
- Graham, William T., Amarillo, Tex. Adjustable wood cutting attachment. 2,333,377; Nov. 2.
- Gram, Carl F., Elizabeth, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Apparatus for treating and drying thread. 2,319,812; May 25.
- Gramelspacher, Clarence U., Jasper, Ind. Veneer molding process. 2,312,332; Mar. 2.
- Gramelspacher, Clarence U., Jasper, Ind. Veneer molding process. 2,312,333; Mar. 2.
- Grammes, L. F., & Sons, Inc. (See Weindel, Fred, Jr., assignor.)
- Gramp, Alfred J., Atlantic City, N. J. Detachable pour spout. 2,327,258; Aug. 17.
- Gramp, Alfred J., Atlantic City, N. J. Detachable pour spout. 2,331,971; Oct. 19.
- Gran, Norman, assignor to A. H. Arnold & Company, Chicago, Ill. Can cover replacer. 2,307,262; Jan. 5.
- Granberg, Bengt R., and A. G. Ericson, assignors to Sundstrand Machine Tool Co., Rockford, Ill. Indexable support. 2,329,750; Sept. 21.
- Grandiz, Victor, Cheektowaga, N. Y. Device for automatically indicating breakdown in kiln conveyers. 2,313,638; Mar. 9.
- Grand Rapids Fibre Cord Company. (See Sackner, Wade E., assignor.)
- Grand Rapids Store Equipment Company. (See Carter, Thomas A., Jr., assignor.)
- Grand Rapids Store Equipment Company. (See Welch, Kenneth C., Jr., assignor.)

- Grandy, Levi R., River Forest, Ill., assignor to General Motors Corporation, Detroit, Mich., Apparatus for testing engine lubrication. 2,327,419; Aug. 24.
- Granfield, John C., Pittsfield, Mass., assignor to General Electric Company. Making magnetic cores. 2,330,824; Oct. 5.
- Grange, Edward R. (See Delamere, R. D., Williams, Grange, and Heaton.)
- Grange, Raymond A., Jersey City, N. J., assignor to United States Steel Corporation of Delaware. Steel heat treatment. 2,335,506; Nov. 30.
- Granger, Harold, U. S. Marine Corps. Coaxial transmission line terminal. 2,322,233; June 22.
- Granger, Paul H., Los Angeles, Calif. Cementing oil wells. 2,308,072; Jan. 12.
- Granger, Paul H., Los Angeles, Calif. Oil well tool. 2,326,940; Aug. 17.
- Granger, Paul H., Los Angeles, Calif. Fluid retaining cup. 2,336,090; Dec. 7.
- Granger, William T. (See Wuerzt, A. J., Perkins, and Granger.)
- Granite City Steel Company. (See Veeder, Nicholas P., assignor.)
- Granjon, Stephane, Saint Etienne, France, assignor to Bendix Aviation Corporation, South Bend, Ind. Starter for internal combustion engines. 2,312,402; Mar. 2.
- Granqvist, Carl-Erik. (See Alexandersson, H. V., and Granqvist.)
- Granqvist, Carl-Erik, assignor to Aga-Baltic Radio Aktiebolag, Stockholm, Sweden. Directional radio beacon. 2,309,063; Jan. 19.
- Granqvist, Carl-Erik, assignor to Aga-Baltic Aktiebolag, Stockholm, Sweden. Directional radio beacon. 2,337,324; Dec. 21.
- Granstedt, Karl E., assignor to Aktiebolaget Formator, Stockholm, Sweden. Cigar machine. 2,330,574; Sept. 28.
- Grant, Arthur W., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Separating electrodeposited layers. 2,319,596; May 18.
- Grant, Charles H., et al. (See Robinson, Mayes R., assignor.)
- Grant, Donald R., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Marking Cellophane. 2,320,925; June 1.
- Grant, Edmund G., South Pasadena, Calif. Ship propulsion. 2,322,014; June 15.
- Grant, Francis B. (See Allison, J. J., Pool, and Grant.)
- Grant, Garnet P., Jr., Silvermine, Conn., assignor to Grant Photo Corporation, New York, N. Y. Color photography. 2,327,304; Aug. 17.
- Grant, Garnet P., Jr., Silvermine, Conn., assignor to Grant Photo Corporation, New York, N. Y. Photographic developer. 2,337,989; Dec. 28.
- Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Thermoresponsive device. 2,318,607; May 11.
- Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Control head. 2,326,138; Aug. 10.
- Grant, Harry C., Jr., New York, N. Y., assignor to Specialties Development Corporation, Bloomfield, N. J. Control device. 2,333,100; Nov. 2.
- Grant, Howard D. (See Barnebl, A. J., Grant, and Barnebl.)
- Grant, Jordan W., Portsmouth, Va., assignor to Akron Brass Manufacturing Company, Inc., Wooster, Ohio. Spray nozzle. 2,313,994; Mar. 16.
- Grant, Joseph E., Beverly Hills, Calif. Making toy structural elements. 2,318,849; May 11.
- Grant, Joseph E., Beverly Hills, Calif. Coin holder. 2,318,850; May 11.
- Grant Photo Corporation. (See Grant, Garnet P., Jr., assignor.)
- Grant, Robert S., Dunedin, Fla., assignor to Food Machinery Corporation, San Jose, Calif. Water eliminator. 2,317,415; Apr. 20.
- Grant, Vernon H., United States Navy, and M. A. Knight, Washington, D. C. Circuit breaker and system of control therefor. 2,307,776; Jan. 12.
- Grantz, Howard E., Swampscott, Mass., assignor to General Electric Company. Lubricating system for aircraft superchargers. 2,336,480; Dec. 14.
- Granular Foods, Inc. (See Heyman, Wilbert A., assignor.)
- Graphic Microfilm Service, Inc. (See Place, Robert, assignor.)
- Graphite Frees Company. (See Cerf, Baruch, assignor.)
- Grashof, Herbert, Mannheim, Germany; vested in the Alien Property Custodian. Production of lubricating oils. 2,329,714; Sept. 21.
- Grassick, Donald D., Chicago, Ill., assignor to Alfol Insulation Company, Inc. Heat insulating panel. 2,312,987; Mar. 2.
- Grasmüder, Hans. (See Döring, E., and Grasmüder.)
- Grasswick, Carl A., assignor of one-half to C. R. Spriet, St. Charles, Ill. Draft and power control appliance. 2,311,826; Feb. 23.
- Gratehouse, James G., Corpus Christi, Tex. Overshot. 2,309,310; Jan. 26.
- Gratzmüller, Jean L., Boulogne-Sur-Seine, and L. R. Ignace, Boulogne Seine-Et-Oise, France; vested in the Alien Property Custodian. Packing device. 2,313,486; Mar. 9.
- Grau, Albert D., Tacoma, Wash. Juice extracting device. 2,314,206; Mar. 16.
- Grau, Carl L., Ottawa, assignor to A. B. T. Manufacturing Corp., Chicago, Ill. Coin controlled clutch. 2,321,136; June 8.
- Grau, George A., Cincinnati, Ohio. Projected window. 2,308,169; Jan. 12.
- Grau, Herbert E., and C. A. Lundeen, Vernon, assignors to Byron Jackson Co., Huntington Park, Calif. Pipe tong. 2,313,743; Mar. 16.
- Grauding, Karl R., L., Stuttgart, Germany; vested in the Alien Property Custodian. Tool. 2,330,575; Sept. 28.
- Grael, Ernest H. (See Klein, M., and Grael.)
- Grauer, Adolph, New York, N. Y. Profilometer. 2,316,951; Apr. 20.
- Grau-Küpfel, Ernst, Kerzers, Switzerland. Shoe tree. 2,310,847; Feb. 9.
- Grave, Hans F., Hannover, Germany, assignor to General Electric Company. Current responsive instrument. 2,329,528; Sept. 14.
- Graver Tank & Mfg. Co. (See Welp, Edward W., assignor.)
- Graver Tank & Mfg. Co., Inc. (See Quigley, James B., assignor.)
- Graves, Arnold, Surbiton, and R. E. Prichard, Maidenhead, assignors to Alltools, Limited, Brentford, Middlesex, England. Device for location of a source of radiation. 2,334,085; Nov. 9.
- Graves, Carl R., and A. J. Mickelson, Clarion, Iowa. Float controlled switch. 2,335,055; Nov. 23.
- Graves, Charles B., assignor to Sefton Fibre Can Company, Maplewood, Mo. Lined fiber tubing and making same. 2,336,540; Dec. 14.
- Graves, Charles B., Maplewood, and R. B. Busch, Webster Groves, assignors to Sefton Fibre Can Company, Maplewood, Mo. Container. 2,314,338; Mar. 23.
- Graves, Edwin H., Piedmont, Calif., assignor to La Plant-Chaote Mfg. Co., Inc., Cedar Rapids, Iowa. Transport. 2,321,198; June 8.
- Graves, Mark, Cleveland Heights, Ohio. Automatic tapping machine. 2,324,922; July 20.
- Graves, Robert E. (See John, Sylvester L., assignor.)
- Gravin, Moses M., Rochester, N. Y. Electrically heated safety razor. 2,324,148; July 13.
- Gravley, Charles K., East Cleveland, and J. J. Neff, South Euclid, assignors to The Brush Development Company, Cleveland, Ohio. Transducer apparatus. 2,336,241; Dec. 7.
- Gräwer, Engelbert, Leipzig, Germany, assignor to I. Araneta, Lima, Peru. Stone ceiling. 2,309,842; Feb. 2.
- Gray, Alan W., Los Angeles, Calif. Reflex hammer. 2,330,882; Oct. 5.
- Gray, Alvin N., Joppa, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Wire coating apparatus. 2,307,925; Jan. 12.
- Gray, Arthur J., assignor to Crescent Brass & Pin Company, Detroit, Mich. Roofing and packing nail. 2,334,406; Nov. 16.
- Gray, Arzy R. (See Dickey, J. B., and Gray.)
- Gray, Arzy R. (See McNally, J. G., Dickey and Gray.)
- Gray, Cecil B., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector switch circuit. 2,336,861; Dec. 14.
- Gray Company. (See Gray, Russell J., assignor.)
- Gray, Daniel M., and F. M. de Beers, Jr., Sewickley, assignors to Stoner-Mudge, Inc., Pittsburgh, Pa. Sanitary coating composition. 2,324,078; July 13.
- Gray, David E., assignor to Corning Glass Works, Corning, N. Y. Roof and roofing material. 2,319,857; May 25.
- Gray, David E., assignor to Corning Glass Works, Corning, N. Y. Hydropneumatic press. 2,324,149; July 13.
- Gray, David W. (See Dwyer, T. F., Jr., and Gray.)
- Gray, David W., Everett, and W. B. Rogers, Jr., Dedham, assignors to Fabreka Products Company, Inc., Boston, Mass. Buffer stem sleeve. 2,327,035; Aug. 17.
- Gray, Donald E., Teaneck, assignor to Cornell Dubilier Electric Corporation, South Plainfield, N. J. Electrical condenser. 2,336,091; Dec. 7.
- Gray, Edward L. B. (See Hickman, K. C. D., and Gray.)
- Gray, Frank, East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,313,819; Mar. 16.
- Gray, Frederick J., Cheltenham, England. Supplying air to submerged submarines. 2,314,698; Mar. 23.
- Gray, G. A., Company, The. (See Walter, John M., assignor.)
- Gray, Harold, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Track for self-laying track vehicles. 2,318,992; May 11.
- Gray, Harry L., Lebanon, Ohio. Bottle carrier. 2,333,560; Nov. 2.
- Gray, Hugh W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyester-amide. 2,333,923; Nov. 9.
- Gray, Kenneth R. (See Schlosser, P. H., and Gray.)
- Gray, Kenneth R. (See Schlosser, P. H., Gray, and Hallonquist.)
- Gray, Lewis A. (See Deibel, C. P., and Gray.)

- Gray Manufacturing Company, The. (See Ahlberg, Henry E., assignor.)
- Gray Manufacturing Company, The. (See Beal, Edward W., assignor.)
- Gray Manufacturing Company, The. (See Clausen, Henry P., assignor.)
- Gray, Marshall, St. Louis, Mo. Removable stanchions for protective railings. 2,315,516; Apr. 6.
- Gray Process Corporation, The. (See Bottomley, Francis H., assignor.)
- Gray, Raymond A. (See Rorch, V. S., and Gray.)
- Gray, Reid B., Dundalk, assignor to The Glenn L. Martin Company, Middle River, Md. Fastening means. 2,326,455; Aug. 10.
- Gray, Richard B., Rensselaer, N. Y. Sphygmomanometer cuff or band. 2,329,179; May 25.
- Gray, Robert, Waltham, assignor to Raytheon Production Corporation, Newton, Mass. Electrode support lead. 2,309,642; Feb. 2.
- Gray, Russell J., Meadville, Minn. Dispensing device. 2,326,851; Aug. 17.
- Gray, Russell J., assignor to Gray Company, Inc., Minneapolis, Minn. Apparatus for cleaning automobile engines. 2,312,091; Feb. 23.
- Gray Tool Company. (See Yancey, John R., assignor.)
- Graybill, Howard W. (See Rawlins, H. L., and Graybill.)
- Grays Harbor Chair & Mfg. Company. (See Schuh, William H., assignor.)
- Grayson Heat Control, Ltd. (See Jackson, W. F., and Jeffers, assignors.)
- Grasson, Ralph P., Brooklyn, N. Y. Power well pumping unit. 2,333,857; Nov. 9.
- Graziano, Joseph, Newburgh, assignor of one-twentieth to L. Madrazo, Flushing, and one-twentieth to J. Russo, White Plains, N. Y. Engine fuel vaporizer. 2,134,140; Mar. 16.
- Great American Industries, Inc. (See Smith, Wesley L., assignor.)
- Great Atlantic and Pacific Tea Company, The. (See Polin, H. S., and Aims, assignors.)
- Great Southern Box Company. (See Lapara, Anthony P., assignor.)
- Greaves-Walker, Arthur McK., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for use in the shaping of glass sheets or plates. 2,330,279; Sept. 28.
- Grebe, Conrad H., Portland, Oreg. Lock opener. 2,334,407; Nov. 16.
- Grebe, John J., Midland, and W. B. Ewing, Grand Rapids, assignors to Ewing Development Company, Bay City, Mich. Sun screen. 2,319,225; May 18.
- Grebe, John J., and L. C. Chamberlain, assignors to The Dow Chemical Company, Midland, Mich. Treatment of fluid pervious formations. 2,321,138; June 8.
- Green, A. P., Fire Brick Company. (See Maloney, W. G., and Boyer, assignors.)
- Green, Aaron S., et al. (See Horn, Robert S., assignor.)
- Green, Albert P. (See Mirick, C. B., and Green.)
- Green, Alfred L., Ashfield, Sydney, New South Wales, assignor to Amalgamated Wireless (Australasia) Limited, Sydney, New South Wales, Australia. Radio receiver. 2,312,280; Jan. 12.
- Green, Alfred L., Sydney, assignor to Amalgamated Wireless (Australasia) Limited, Sydney, New South Wales, Australia. Control of fading in radio communication systems. 2,310,196; Feb. 2.
- Green, Archie L., Sioux Falls, S. Dak. Gas collector and vent. 2,316,686; Apr. 13.
- Green, Arthur D., Cranford, and C. E. Hemminger, Westfield, N. J., assignors to Standard Oil Development Company. Production of alkyl halides. 2,308,170; Jan. 12.
- Green, Arthur W. (See Insley, R., and Green.)
- Green, Clarence J. (See Flygare, C. G., and Green.)
- Green, Clarence W., assignor of one-third to James E. Parr and one-third to Hollis H. Arnold, both of Caraway, Ark. Stalk cutter. 2,308,281; Jan. 12.
- Green, Donald W., trustee. (See McGill, Daniel F., assignor.)
- Green, Edwin F. (See Emery, F. C., and Green.)
- Green, Emmet M., Los Angeles, Calif. Combination screw and rivet. 2,321,378; June 8.
- Green, Emmet M., Los Angeles, Calif. Combined screw and rivet. 2,321,379; June 8.
- Green, Emmet M., Los Angeles, Calif. Engine lubricator. 2,328,005; Aug. 31.
- Green, Emmet M., Los Angeles, Calif. Engine lubricator. 2,328,006; Aug. 31.
- Green, Emmet M., Los Angeles, Calif., assignor to Lincoln Engineering Company, St. Louis, Mo. Lubricator. 2,328,004; Aug. 31.
- Green, Floyd S., assignor to Frank Adam Electric Company, St. Louis, Mo. Enclosed switch. 2,332,633; Oct. 28.
- Green, George S., Cape Elizabeth, Maine. Door signal. 2,316,856; Apr. 20.
- Green, Harry, Elmhurst, Long Island, N. Y. Filing and jig-saw-machine. 2,333,372; Nov. 2.
- Green, Harry J. (See Ransburg, H. P., and Green.)
- Green, Howard D., assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Device for damping pressure. 2,311,381; Feb. 16.
- Green, Isaac H. C. (See Hutton, A. L., Jr., and St. Pierre.)
- Green, Isaac H. C., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitting. 2,314,618; Mar. 23.
- Green, Isaac H. C., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Fabric and knitting. 2,315,119; Mar. 30.
- Green, Isaac H. C., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Pattern control for knitting machines. 2,317,268; Apr. 20.
- Green, Isaac H. C., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitted fabric and method. 2,337,189; Dec. 21.
- Green, John E., Stretford, Manchester, assignor to Co-Operative Wholesale Society Limited, Manchester, England. Manufacture of margarine and cooking fats. 2,325,393; July 27.
- Green, Joseph L. (See Stone, C. N., Green, and Paradise.)
- Green-Kriegsman Paper Co. Inc. (See Kriegsman, Edwin, assignor.)
- Green, Lee B., Lakewood, assignor to The General Industries Company, Elyria, Ohio. Phonograph stopping means. 2,337,811; Dec. 28.
- Green, Martin I., et al. (See Horn, Robert S., assignor.)
- Green, Newton B., and W. A. Lord, assignors to Eastman Kodak Company, Rochester, N. Y. Camera shutter cover. 2,333,778; Nov. 9.
- Green, Noel B., Cleveland, and C. W. Bondurant, Euclid, assignors to The Titan Valve and Manufacturing Company, Cleveland, Ohio. Combined safety pilot and control valve mechanism. 2,328,642; Sept. 7.
- Green, Robert L., and F. B. Kinslen, Birmingham, and F. L. Kneisley, Fairfield, Ala.; N. M. Kneisley, executrix of said F. L. Kneisley, deceased. Steel house construction. 2,307,126; Jan. 5.
- Green, Samuel G. (See Taylor, G. M., Bradshaw, and Green.)
- Green, Samuel G., Gray, Ga. Gun barrel mounting. 2,326,139; Aug. 10.
- Green, Samuel G., Gray, Ga. Backplate latch mechanism for machine guns. 2,335,854; Dec. 7.
- Green, Samuel G., Gray, Ga., and E. W. Hopkins, Enfield, Conn. Back plate and driving spring for machine guns. 2,321,592; June 15.
- Green, Stanley S., assignor to Duncan Electric Manufacturing Company, Lafayette, Ind. Overload compensation for watt-hour meters. 2,314,447; Mar. 23.
- Green, Stanley S., assignor to Duncan Electric Manufacturing Company, Lafayette, Ind. Damping unit for watt-hour meters. 2,323,465; July 6.
- Green, Stanley S., assignor to Duncan Electric Manufacturing Company, Lafayette, Ind. Magnetic bearing for meters. 2,333,647; Nov. 9.
- Green, Vernon L. (See Nystrom, Karl F.)
- Green, Vernon L. (See Nystrom, K. F., Beckette, and Green.)
- Green, Vernon L. (See Nystrom, K. F., and Green.)
- Green, Walter H., Batavia, Ill., assignor to Inflico Incorporated. Liquid flow control. Re. 22,335; June 15.
- Green, Walter H., Chicago, Ill., assignor to Inflico Incorporated. Liquid purification. 2,314,977; Mar. 30.
- Green, William J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Phonograph drive mechanism. 2,316,857; Apr. 20.
- Green, William. (See Carr, W. F., Woolhouse, and Green.)
- Green, William G., assignor to Well Surveys, Incorporated, Tulsa, Okla. Well surveying method and apparatus. 2,320,863; June 1.
- Greenawalt, William E., Denver, Colo. Metallurgical process. 2,307,459; Jan. 5.
- Greenbaum, Everett R., assignor of one-fourth to Leonard Finkelstein and one-fourth to Paul Zackheim, Buffalo, N. Y. Cutting tool. 2,308,447; Jan. 12.
- Greenberg, Abbot, New York, assignor to Eastern Corrugated Container Corporation, Brooklyn, N. Y. Inner backing of corrugated board. 2,314,491; Mar. 23.
- Greenberg, Albert E. (See Gieringer, C. K., and Greenberg.)
- Greenberg, Charles B., New York, N. Y. Expansion link. 2,315,417; Mar. 30.
- Greenberg, Charles B., New York, N. Y. Expansion link. 2,334,622; Nov. 16.
- Greenberg, Harry D., New York, N. Y. Oscillatory hammer. 2,328,270; Aug. 31.
- Greenberg, Herman, et al. (See Bausman, Alonzo L., assignor.)
- Greenberg, Joseph, et al. (See Bausman, Alonzo L., assignor.)
- Greenberg, Samuel, et al. (See Bausman, Alonzo L., assignor.)
- Greenberg, Sidney, et al. (See Bausman, Alonzo L., assignor.)
- Greenblatt, Charles. (See Westin, S., and Axel, assignors.)
- Greenbowe, James W. (See Madden, H. D., and Greenbowe.)
- Greenburg, Richard B., Philadelphia, Pa., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Distillation of benzene fractions with butyraldehyde. 2,313,536; Mar. 9.
- Greenburg, Richard B., Philadelphia, Pa., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Recovery of xylene from oils containing the same. 2,313,537; Mar. 9.

- Greenburg, Richard B., Philadelphia, Pa., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Distillation of benzene fractions. 2,313,533; Mar. 9.
- Greene, Albert D., Alpha, assignor of one-half to E. P. Lareh, Vandalia, Ohio. Flexible storm window. 2,321,078; June 8.
- Greene, Charles H., assignor to Corning Glass Works, Corning, N. Y. Making glass articles. 2,314,824; Mar. 23.
- Greene, Edgeworth, Upper Montclair, N. J., and W. H. Forrest, Brooklyn, assignors to Inter-Seal Corporation, New York, N. Y. Nonrefillable bottle closure. 2,312,759; Mar. 2.
- Greene, Edwin D., assignor to Arkell Safety Bag Company, New York, N. Y. Bag, composite material and making. 2,314,876; Mar. 30.
- Greene, Fred C., Freeport, Maine. Ax. 2,325,768; Aug. 3.
- Greene, Joseph R., and F. A. Cox, assignors to Solar Aircraft Company, San Diego, Calif. Clamping tool. 2,328,271; Aug. 31.
- Greene, Lloyd C., Sanford, Maine. Process and apparatus for turning and treating yarn. 2,310,951; Feb. 16.
- Greene, Martin, New York, N. Y., assignor to Conmar Products Corporation, Bayonne, N. J. Padlocked slider for slide fasteners. 2,310,627; Feb. 9.
- Greene, Mary C., San Angelo, Tex. Girdle. 2,332,141; Oct. 19.
- Greene, Nathan J., Worthington, and G. C. Reese, assignors to National Electric Coil Company, Columbus, Ohio. Drying oven. 2,325,950; Aug. 3.
- Greene, Thomas V. (See Turner, A. W., and Greene.)
- Greener, Charles L. (See Manaster, Ben B., assignor.)
- Greener, Eugene R., Dormont, assignor to Pressed Steel Car Company, Inc., Pittsburgh, Pa. Car construction. 2,315,118; Mar. 30.
- Greenfield, Isidor, Brooklyn, N. Y. Eyeglasses. 2,329,757; Sept. 21.
- Greenhalgh, Richard, and H. A. Piggett, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of aromatic isocyanates. 2,311,046; Feb. 16.
- Greenholtz, Benjamin, New York, N. Y. Composite garment. 2,308,171; Jan. 12.
- Greening, Walter, Los Angeles, Calif. Fluid flow control valve. 2,333,310; Nov. 2.
- Greenleaf, Leland B., and J. F. Lipcomb, assignors to C. G. Conn Ltd., Elkhart, Ind. Electromagnetic recorder. 2,328,539; Sept. 7.
- Greenleaf, Nathaniel B., Toronto, Ontario, Canada. Mop construction. 2,323,031; June 29.
- Greenleaf, Walter J., assignor to McCroskey Tool Corporation, Meadville, Pa. Grinding apparatus. 2,333,101; Nov. 2.
- Greenleaf, William H., Chicago, Ill. Scale. 2,308,874; Jan. 19.
- Greenleaf, William H., Chicago, Ill. Safety shaving device. 2,315,785; Apr. 6.
- Greenlee Bros. & Co. (See Abramson, J. H., and Swason, assignors.)
- Greenlee Bros. & Co. (See Mansfield, Judson H., assignor.)
- Greenlee, Harry R., assignor to The Studebaker Corporation, South Bend, Ind. Sealing means. 2,334,518; Nov. 16.
- Greenlee, Harry R., South Bend, L. D. Britton, Mishawaka, and J. R. Bond, assignors to The Studebaker Corporation, South Bend, Ind. Transmission. 2,318,481; May 4.
- Greenlee, Theodore K., Rockford, Ill., and G. W. Bohn and C. N. O'Day, Port Washington, N. Y., assignors to Barber-Colman Company, Rockford, Ill. Condition control system. 2,315,517; Apr. 6.
- Greenman, Harry D., New York, N. Y. Toggle catch for boxes. 2,327,260; Aug. 17.
- Greensfelder, Bernard S., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Cyclization of hydrocarbons. 2,317,683; Apr. 27.
- Greensfelder, Bernard S., Berkeley, and R. C. Archibald, Contra Costa County, Calif., assignors to Shell Development Company, San Francisco, Calif. Cyclization of hydrocarbons. 2,337,190; Dec. 21.
- Greensfelder, Bernard S., Oakland, and R. C. Archibald, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Dehydrogenation process. 2,337,191; Dec. 21.
- Greensfelder, Edward, et al., trustees. (See Johnston, Harry, assignor.)
- Greenslade, Grover R., Scott Township, Allegheny County, assignor to Flannery Bolt Company, Bridgeville, Pa. Method and apparatus for detecting progressive fractures or the like in heavily stressed working members. 2,326,352; Aug. 10.
- Greenslade, Grover R., Scott Township, Allegheny County, and F. K. Landgraf, Crafton, assignors to Flannery Bolt Company, Bridgeville, Pa. Hollow staybolt. 2,332,569; Oct. 26.
- Greenspan, Sigmund, Brooklyn, N. Y. Sink or tub repair bottom. 2,309,843; Feb. 2.
- Greenup, Harold W. (See Alderfer, S. W., and Greenup.)
- Greenup, Harold W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Inner tube and producing the same. 2,324,974; July 20.
- Greenup, Harold W., Fall River, Mass., and Norris Johnston, Alhambra, Calif., assignors to The Firestone Tire & Rubber Company, Akron, Ohio, a corporation of Ohio. 2,324,988; July 20.
- Greenview Manufacturing Company. (See Siemund, Herman, assignor.)
- Greenwald, Harold A., Los Angeles, Calif. Hydraulic door operator. 2,321,079; June 8.
- Greenwald, Max, Bronx, and E. Sacks, Brooklyn, N. Y. Interchangeable sign. 2,334,083; Nov. 9.
- Greenway, Lewis M., Lansdowne, Pa. Card holder. 2,334,487; Nov. 16.
- Greenwood, Ernest L. (See Finlayson, D., Greenwood, and Latham.)
- Greenwood, Harlow V. (See Bohler, Francis M., assignor.)
- Greenwood, Henry B., assignor to F. X. Hooper Company, Inc., Glen Arm, Md. Corrugator. 2,310,421; Feb. 9.
- Greenwood, Herbert A., Chicago, Ill., assignor to American Telephone and Telegraph Company. Tool for applying cushions to plugs and cords. 2,307,584; Jan. 12.
- Greenwood, John A. (See Fox, E. S., and Greenwood.)
- Greer, Agnes J. R. (See Shoemaker, Robert W., assignor.)
- Greer, Calvin N., Payson, Ariz. Fish screen. 2,324,296; July 13.
- Greer, Jesse O., Robert Lee, Tex. Excavator. 2,310,735; Feb. 9.
- Greer, Thomas H., San Diego, Calif. Preparing wearing surfaces. 2,310,952; Feb. 16.
- Greery, Robert, assignor to Summerbell Roof Structures, Los Angeles, Calif. Gluing frame. 2,331,972; Oct. 19.
- Greger, Herbert H., Washington, D. C. Adsorbent material. 2,324,079; July 13.
- Gregg, Albert A., Kaycee, Wyo. Combination folding bed and tent support. 2,323,127; June 29.
- Gregg, David, Caldwell, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Pressure and flow regulator. 2,316,416; Apr. 13.
- Gregg, David, Caldwell, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Heating system. 2,316,417; Apr. 13.
- Gregg, David, Caldwell, and D. M. Lawrence, Newark, N. J., assignors to Bendix Aviation Corporation, South Bend, Ind. Pressure control system. 2,309,064; Jan. 19.
- Gregg, Jon, Flemington, N. J., assignor, by mesne assignments, to Rope-Soles, Inc., New York, N. Y. Shoe and outsole therefor. 2,307,401; Jan. 5.
- Gregg, Jon, Flemington, N. J. Shoe and outsole therefor. 2,307,402; Jan. 5.
- Gregory, Alfred T., and C. C. De Pew, assignors to Fairchild Engine and Airplane Corporation, Farmingdale, N. Y. Air-cooled engine cylinder. 2,330,779; Sept. 28.
- Gregory, Alfred T., Massapequa, and F. E. Fuller, Bethpage, assignors to Fairchild Engine and Airplane Corporation, Farmingdale, N. Y. Vibration damping device. 2,332,072; Oct. 19.
- Gregory, Alfred T., Massapequa, and E. W. Wasielewski, Westbury, assignors to Fairchild Engine and Airplane Corporation, Farmingdale, N. Y. Supercharger. 2,336,020; Dec. 7.
- Gregory, Carey G., Los Angeles, Calif. Desk set. 2,334,191; Nov. 19.
- Gregory, Douglas W., Trenton, Mich., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Spark plug crimping method and apparatus. 2,308,968; Jan. 19.
- Gregory, Frank S., Jr. (See Morris, T. C., and Gregory, Jr.)
- Gregory, Harry R., Sault Ste. Marie, Ontario, Canada. Compound tool. 2,337,990; Dec. 28.
- Gregory, James. (See Quilter, J. R. C., and Gregory.)
- Gregory, John E., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical dezincking galvanized scrap. 2,307,625; Jan. 5.
- Gregory, John E., Little Rock, Ark. Liquefied gas storage and dispensing apparatus. 2,323,765; July 6.
- Gregory, William K. (See Fitch, H. M., and Gregory.)
- Greider, Harold W. (See Fasold, G. A., and Greider.)
- Greider, Harold W., and R. A. MacArthur, Wyoming, Ohio, assignors to The Phillip Carey Manufacturing Company. Formed article and manufacture. 2,335,242; Nov. 30.
- Greif Bros. Cooperage Corporation, The. (See Schmidtknecht, Albert H., assignor.)
- Greifendorff, Erwin. (See Löpp, E., and Greifendorff.)
- Greig, James W. (See Northrup, H. M., and Greig.)
- Greig, James W., Grosse Pointe Park, assignor to Hudson Motor Car Company, Detroit, Mich. Door lock. 2,307,674; Jan. 5.
- Greig, James W., Grosse Pointe Park, assignor to Hudson Motor Car Company, Detroit, Mich. Motor vehicle construction. 2,322,630; June 22.
- Greig, James W., Grosse Pointe Park, assignor to Hudson Motor Car Company, Detroit, Mich. Motor vehicle lock and locking construction. 2,326,533; Aug. 10.
- Greig, James W., Grosse Pointe Park, assignor to Hudson Motor Car Company, Detroit, Mich. Latch bolt and striker device. 2,334,623; Nov. 16.
- Greig, Louis T. H., Nazeing, England. Pipe coupling. 2,310,073; Feb. 2.

- Greig, Louis T. H., Nazeing, England. Pipe coupling. 2,316,573; Apr. 13.
- Greiner, Anton F., Detroit, Mich. Universal joint. 2,328,139; Apr. 31.
- Greiner, Carl F., assignor to The Buffalo-Springfield Roller Co., Springfield, Ohio. Clutch sleeve. 2,333,003; Oct. 26.
- Greiner, Carl F., assignor to The Buffalo-Springfield Roller Co., Springfield, Ohio. Drive roll assembly. 2,334,086; Nov. 9.
- Greiner, Carl F., and J. F. Harrison, assignors to The Buffalo-Springfield Roller Co., Springfield, Ohio. Power unit mounting for tandem rollers. 2,333,004; Oct. 26.
- Greisen, Denver C., Oswego, Oreg. Toggle action clamping device. 2,307,460; Jan. 5.
- Greist Manufacturing Company, The. (See Balzano, Oreste, assignor.)
- Greitzer, Meyer, Los Angeles, Calif. Game table top. 2,322,089; June 15.
- Greitzer, Meyer, Los Angeles, Calif. Chair back. 2,333,311; Nov. 2.
- Greninger, George K., Jr. (See Bacon, K. D., and Greninger.)
- Greminger, George K., Jr. (See Freeman, R. D., Peterson, and Greminger.)
- Grempler, Edward C., Oak Park, Ill., assignor to Ceco Steel Products Corporation, Omaha, Neb. Metal corner structure and making same. 2,335,754; Nov. 30.
- Greneker, Lillian L., New York, N. Y. Display device and making the same. 2,309,447; Jan. 26.
- Gresham, Thomas L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polyvinyl halide composition. 2,325,951; Aug. 3.
- Gresham, William F. (See Loder, D. J., and Gresham.)
- Gresham, William F. (See Loder, D. J., Gresham, and Killian.)
- Gresham, William F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of unsymmetrical acetals. 2,321,593; June 15.
- Gresser, Camille M., Detroit, Mich. Return safety window envelope with concealed carrier-opener. 2,335,115; Nov. 23.
- Gressie, Charles W. (See Van Halteren, A. S., and Gressie.)
- Grether, Ernest F., assignor to The Dow Chemical Company, Midland, Mich. Humous product. 2,313,434; Mar. 9.
- Grether, Ernest F., assignor to The Dow Chemical Company, Midland, Mich. Treating a humous material and resulting product. 2,317,900; May 4.
- Grether, Ernest F., assignor to The Dow Chemical Company, Midland, Mich. Promoter, method, and product. 2,317,991; May 4.
- Grether, Ernest F., assignor to The Dow Chemical Company, Midland, Mich. Treatment of organic material and resulting product. 2,317,992; May 4.
- Grette, Donald P., assignor to Industrial Patents Corporation, Chicago, Ill. Extracting glue and gelatin. 2,327,185; Aug. 17.
- Greulich, Gerald G., Mount Lebanon, Pa. Grating structure. Re. 2,227; Mar. 2.
- Greulich, Gerald G., Mount Lebanon, Pa. Reinforcing bar for concrete structures. 2,317,454; Apr. 27.
- Greulich, Gerald G., Mount Lebanon, Pa. Airplane runway. 2,321,197; June 8.
- Greulich, Gerald G., Mount Lebanon, assignor to Carnegie-Illinois Steel Corporation, Pittsburgh, Pa. Portable deck. 2,310,426; Feb. 9.
- Greulich, Gerald G., Mount Lebanon, assignor to Carnegie-Illinois Steel Corporation, Pittsburgh, Pa. Portable deck. 2,310,427; Feb. 9.
- Greulich, Gerald G., Mount Lebanon, assignor to Carnegie-Illinois Steel Corporation, Pittsburgh, Pa. Portable deck. 2,332,968; Oct. 26.
- Grey, Hugh M., assignor to Concord Knitting Company, Concord, N. C. Stocking footlet and making same. 2,333,373; Nov. 2.
- Grey, John D. (See McCarty, Madison P., assignor.)
- Grey, Victor, assignor to Teletype Corporation, Chicago, Ill. Quick-change device. 2,320,360; June 1.
- Gridiron Steel Company. (See Fay, Horace B., assignor.)
- Gridiron Steel Company. (See Fay, Horace B. and T. H., assignors.)
- Grieb, Everett F. (See Klenle, R. H., Park, Benbrook, and Grieb.)
- Grief Bros. Co. Paper Corporation, The. (See Arnold, Charles, assignor.)
- Grief, L. & Bro., Inc. (See Natale, Louis, assignor.)
- Grier, Herbert E. (See Gerneshausen, K. J., and Grier.)
- Grier, Robert S., United States Navy. Signal operating altimeter. 2,329,715; Sept. 21.
- Grierson, Cyrus A. W., Tenafly, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric circuit control. 2,332,073; Oct. 19.
- Gries, Otto. (See Beckman, Richard, assignor.)
- Grieshaber, Henry J., Chicago, Ill. Garment hanger. 2,335,243; Nov. 30.
- Griff, Robert D. (See Rasmussen, C. T., and Griff.)
- Griffen, Ellwood B. (See Pilliod, J. J., and Griffen.)
- Griffin, Harry L., Rockville Centre, A. R. Robb, Valley Stream, N. Y.; R. W. Titus and H. T. Gebhardt, Marysville, Ohio, assignors to Nestle's Milk Products, Inc., New York, N. Y. Machine for processing food products. 2,330,967; Oct. 5.
- Griffin, James H. (See Waldron, F. R., and Griffin.)
- Griffin, Percy M., Albany, N. Y. Bow-facing oarlock. 2,323,323; July 6.
- Griffin, Percy M., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Flexible shaft coupling. 2,333,858; Nov. 9.
- Griffinger, Harry, et al. (See Berkner, Arthur K., assignor.)
- Griffins, Morris E. (See Peterson, S. E., and Griffins.)
- Griffins, Morris E., Riverside, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone line circuit. 2,314,933; Mar. 30.
- Griffith, Carroll L., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Seasoning composition and carrier. 2,323,466; July 6.
- Griffith, Carroll L., and L. A. Hall, assignors to The Griffith Laboratories, Inc., Chicago, Ill. Sterilization process. Re. 22,264; Mar. 9.
- Griffith, Carroll L., and S. L. Komarik, assignors to The Griffith Laboratories, Inc., Chicago, Ill. Canning meat and meat products. 2,331,467; Oct. 12.
- Griffith, Clement P., and H. E. Marvel, assignors to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Conduit closure. 2,329,176; Sept. 14.
- Griffith, Enoch L., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Cooking food by electric conductance. 2,310,690; Feb. 9.
- Griffith, Enoch L., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Plastic shortening mix. 2,332,074; Oct. 19.
- Griffith, Frank H., Indiana, Pa. Oil filter for internal combustion engines. 2,327,238; Dec. 21.
- Griffith, Harry L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Gauging device. 2,307,263; Jan. 5.
- Griffith, James E., Denver, Colo. Spring tire for vehicles. 2,331,024; Oct. 5.
- Griffith, James E., and E. R. Burke, Denver, Colo., said Burke assignor to said Griffith. Camshaft for internal combustion engines. 2,307,926; Jan. 12.
- Griffith, John B., New York, N. Y. Fuse block. 2,334,550; Nov. 16.
- Griffith Laboratories, Inc., The. (See Griffith, C. L., and Hall, assignors.)
- Griffith Laboratories, Inc., The. (See Griffith, C. L., and Komarik, assignors.)
- Griffith Laboratories, Inc., The. (See Griffith, Carroll L., assignor.)
- Griffith Laboratories, Inc., The. (See Griffith, Enoch L., assignor.)
- Griffith Laboratories, Inc., The. (See Hall, Lloyd A., assignor.)
- Griffith Laboratories, Inc., The. (See Whitechurch, Ellwood P., assignor.)
- Griffith, Raymond C., assignor to Vickers Incorporated, Detroit, Mich. Power transmission for machine tools. 2,318,851; May 11.
- Griffith, Raymond C., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,318,852; May 11.
- Griffith, Rose M., Chicago, Ill. Closure for collapsible tubes. 2,309,895; Feb. 2.
- Griffith, Thomas R., assignor to The Honorary Advisory Council for Scientific and Industrial Research, Ottawa, Ontario, Canada. Rubber derivatives and making same. 2,311,656; Feb. 23.
- Griffith, William B., Stone Harbor, N. J. Thermostat. 2,318,480; May 4.
- Griffiths, Leonard, Coventry, England, assignor to General Electric Company. Dynamo-electric machine. 2,317,187; Apr. 20.
- Griffiths, William T., Battledown, Cheltenham, England, assignor to The International Nickel Company, Inc., New York, N. Y. Sparking plug electrode. 2,326,028; Aug. 3.
- Gripolett Company, The. (See Howie, John L., Jr., assignor.)
- Gritscheld, George, San Diego, Calif. Airplane. 2,337,812; Dec. 28.
- Grim, Forrest D., Allentown, Pa., assignor to Trojan Powder Company. Machine for cutting and placing sheet material. 2,332,445; Oct. 19.
- Grim, John M. (See Thurston, J. T., and Grim.)
- Grim, John M., and W. O. Dawson, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Treatment of hides. 2,309,187; Jan. 26.
- Grim, John M., and W. O. Dawson, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Treatment of hides. 2,309,188; Jan. 26.
- Grimditch, William H., Rydal, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Loop antenna system. 2,322,126; June 15.
- Grimes, Charles P. (See Bretzloff, W. H., and Grimes.)
- Grimes, Warren G., Urbana, Ohio. Rheostat. 2,324,383; July 13.
- Grimes, Warren G., Urbana, Ohio. Ultraviolet screen for fluorescent lamps. 2,324,384; July 13.

- Grimm, Otto, and H. Rauch, Darmstadt, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa. Dyeing fabric. 2,328,900; Sept. 7.
- Grimm, Otto, and H. Rauch, Darmstadt, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa. Nitrogenous condensation product. 2,328,901; Sept. 7.
- Grindle, Aubrey J., Chicago, Ill. Vertical domestic heating unit. 2,311,657; Feb. 23.
- Griner, Benjamin T. (See Newton, S. H., and Griner.)
- Grinsfelder, Henry. (See Lott, de F., Grinsfelder, and Hamway.)
- Grinstead, William F., Opportunity, Wash. Traveling guide means. 2,333,312; Nov. 2.
- Grinter, Hershel W., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Loading patch for stress-testing aircraft. 2,319,675; May 18.
- Grip Nut Company. (See Anderson, Harley E., assignor.)
- Griscom-Russell Company, Inc. (See Dewald, Edward A., assignor.)
- Grisdale, George L. (See Armstrong, R. B., Grisdale and Goodenough.)
- Grise, Alfred L., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing apparatus. 2,326,636; Aug. 10.
- Grise, Alfred L., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Calibrating means for piston meters. 2,326,637; Aug. 10.
- Grisé, Alfred L., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Air separator control for liquid dispensing apparatus. 2,330,703; Sept. 28.
- Grisé, Alfred L., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Hose nozzle. 2,330,704; Sept. 28.
- Grison, Joseph E., Braintree, Mass. Portable air sterilizing and conditioning machine. 2,335,056; Nov. 23.
- Griswold, Donald G., assignor to Clayton Manufacturing Company, Alhambra, Calif. Check valve. 2,328,007; Aug. 31.
- Griswold, Donald G., assignor to Clayton Manufacturing Company, Alhambra, Calif. Valve. 2,328,008; Aug. 31.
- Griswold, Donald G., assignor to Clayton Manufacturing Company, Alhambra, Calif. Check valve. 2,328,009; Aug. 31.
- Griswold, Donald G., assignor to Clayton Manufacturing Company, Alhambra, Calif. Check valve. 2,328,010; Aug. 31.
- Griswold, Frank W. (See Hawkins, Arthur D., assignor.)
- Griswold, Walter R., and J. H. O'Brien, assignors to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,319,226; May 18.
- Griswold, Walter R., Detroit, and F. R. McFarland, Huntington Woods, assignors to Packard Motor Car Company, Detroit, Mich. Transmission. 2,324,693; July 20.
- Grob, Benjamin, West Allis, assignor, by mesne assignments, to R. Zaun, Grafton, Wis., trustee. Briquetting machine. 2,311,940; Feb. 23.
- Grob, Benjamin and T., West Allis, Wis. Machine tool. 2,322,681; June 2.
- Grob, Theodore. (See Grob, Benjamin and T.)
- Grobe, Julius J., Oak Park, assignor to General Electric X-Ray Corporation, Chicago, Ill. Tube casing and support. 2,315,786; Apr. 6.
- Grobe, Julius J., Oak Park, assignor to General Electric X-Ray Corporation, Chicago, Ill. Tube casing and support. 2,315,787; Apr. 6.
- Grohecker, Hugo H., Milwaukee, Wis., assignor to Ditto, Incorporated, Chicago, Ill. Moistening means for duplicating apparatus. 2,337,747; Dec. 28.
- Grobel, Lloyd P., Schenectady, N. Y., assignor to General Electric Company, Schenectady, N. Y. 2,314,207; Mar. 16.
- Grobel, Lloyd P., Schenectady, N. Y., assignor to General Electric Company, Schenectady, N. Y. 2,324,297; July 13.
- Groedel, Franz M., New York, N. Y. Paste tube holder and closure. 2,324,575; July 20.
- Green, Christopher, Oak Park, Ill., assignor to A. Y. McDonald Mfg. Co., Dubuque, Iowa. Mixing valve construction. 2,317,051; Apr. 20.
- Green, Fred H., Jr., assignor to Green Mfg. Co., Chicago, Ill. Kettle. 2,328,210; Aug. 31.
- Green Mfg. Co. (See Green, Fred H., Jr., assignor.)
- Greene, Willard L., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Broaching machine. 2,315,476; Mar. 30.
- Greene, Willard L., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Friction transmission gearing. 2,317,854; Apr. 27.
- Greene, Willard L., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft blank. 2,333,859; Nov. 9.
- Greene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Toolholder for lathes. 2,310,691; Feb. 9.
- Greene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Circular shaping machine. 2,318,305; May 4.
- Greene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Vertical circular shaping machine. 2,322,127; June 15.
- Greene, William F., and R. M. Bacon, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Step threading mechanism. 2,311,591; Feb. 16.
- Greene, William F., and H. J. Siekman, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Step threading machine. 2,317,069; Apr. 20.
- Greene, William F., and H. F. Stoffregen, Jr., assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Gun rifling machine. 2,318,155; May 4.
- Greene, William F., and W. R. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Gun rifling machine. 2,319,451; May 18.
- Greene, William F., and W. R. Meyer, assignors, by mesne assignments, to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft chuck. 2,320,983; June 1.
- Greene, William F., and H. J. Siekman, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Steady rest for lathes. 2,325,849; Aug. 3.
- Greene, William F., and H. J. Siekman, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Machine tool coolant system. 2,326,638; Aug. 10.
- Greene, William F., and H. J. Siekman, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Multiple spindle broaching lathe indexing mechanism. 2,330,968; Oct. 5.
- Groenenberg, Maarten J., W. H. van der Mey, and J. A. van Lammeren, Eindhoven, Netherlands, assignors to Radio Corporation of America. Automatic control mechanism for radio apparatus. 2,312,035; Feb. 23.
- Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Combined vacuum breaker and check valve. 2,322,631; June 22.
- Groetchen, Richard. (See Peters, William G., assignor.)
- Groetchen Tool & Mfg. Co. (See Peters, William G., assignor.)
- Groff, Charles H., Crafton, and W. W. Castor, Mount Lebanon, Pa., assignors to Stoner-Mudge, Inc. Preparation of coating compound from drying oil and phenol-aldehyde resins. 2,320,126; May 25.
- Groff, Joseph C., Allentown, Pa. Reciprocating plunger pump. 2,325,672; Aug. 3.
- Grogan, Glen D., Aurora, Ill. Cage. 2,331,866; Oct. 12.
- Gröger, Rudolf, Hanau, Germany; vested in the Alien Property Custodian. Tempering furnace for small parts. 2,312,403; Mar. 2.
- Grohgal, Alexis C., New York, assignor to Marks Products Co., Inc., Brooklyn, N. Y. Contact blade. 2,309,311; Jan. 26.
- Groll, Herbert P. A., Hamburg-Vellingbuttel, G. W. Hearne and G. E. von Stietz, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of diolefines. 2,310,523; Feb. 9.
- Grombler, Inc. (See Miller, Grover C., assignor.)
- Gronberg, Victor A. (See Jones, J. R., and Gronberg.)
- Groncy, Carl W., and E. Hec, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Molding apparatus. 2,324,991; July 20.
- Gronmeyer, Fred G., Longmeadow, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Apparatus for creating plastic material. 2,312,639; Mar. 2.
- Gronros, Warren. (See Bishop, W. M., Depew, Gronros, and Ronci.)
- Gronros, Warren. (See Depew, C., Gronros, and Ronci.)
- Groombridge, Walter H. (See Dreyfus, H., and Groombridge.)
- Groombridge, Walter H., and R. Page, Spondon, near Derby, England, assignors to Celanese Corporation of America. Concentration of aliphatic acids. 2,329,265; Sept. 14.
- Grooms, Harry M., Whitmore Lake, Mich. Liquid dispensing nozzle. 2,313,539; Mar. 9.
- Grooms, Harry M., Whitmore Lake, Mich. Liquid dispensing nozzle. 2,324,150; July 13.
- Grooms, Albert O., assignor to General Motors Corporation, Dayton, Ohio. Temperature control system. 2,331,025; Oct. 5.
- Grooms, Albert O., assignor to General Motors Corporation, Dayton, Ohio. Temperature responsive element. 2,336,092; Dec. 7.
- Groothedde, Harry, Haledon, N. J. Christmas tree ornament. 2,327,519; Aug. 24.
- Groov-Pin Corporation. (See Johnson, Russell W., assignor.)
- Groov-Pin Corporation. (See Richards, Cecil C., assignor.)
- Gröschel, Richard. (See Anschütz, R., and Gröschel.)
- Grose, Ralph L., Detroit, Mich. Concealed headlight. 2,319,773; Oct. 19.
- Groshans, Leonard A. (See Wiley, E. G., Groshans, and McNeil.)
- Groskopf, Edwin O., Rutherford, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y. Waterproof adhesive composition and making same. 2,333,779; Nov. 9.
- Groskrantz, George, Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Valve setting template. 2,312,936; Mar. 16.
- Gross, Alfred G. (See Brace, G. A., and Gross.)

- Gross, Angus R., Baltimore, Md. Combination lever. 2,336,982; Dec. 14.
- Gross, Charles V., Poughkeepsie, N. Y., assignor to The S. S. White Dental Manufacturing Company. Dental impression compound. 2,325,051; July 27.
- Gross, Edward H., West Hartford, Conn., and A. J. Hanley, Edgewood, R. I., assignors to Bakelite Corporation, New York, N. Y., and Respo Inc., Cranston, R. I. Plastic fiber composition. 2,332,792; Oct. 26.
- Gross, Henry E., College Station, Tex. Portable marine foundation. 2,318,685; May 11.
- Gross, Henry I., College Station, Tex. Marine foundation. 2,326,753; Aug. 19.
- Gross, Howard H., Fishkill, assignor, by mesne assignments, to The Texas Company, New York, N. Y. De-waxing hydrocarbon oil. 2,337,385; Dec. 21.
- Gross, Isaac, Piquette, Pa. Extracting machine. 2,341,337; Feb. 16.
- Gross, William E. (See Goshorn, J. C., and Gross.)
- Grossarth, Albert A., La Grange, assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Gear cutting machine. 2,332,570; Oct. 26.
- Grosse, Aristid V. (See Patteff, V. N., and Grosse.)
- Grosse, Aristid V. (See Morfill, J. P., and Grosse.)
- Grosse, Aristid V., and W. J. Mattong, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of cyclic hydrocarbons. 2,319,452; May 18.
- Grosse, Aristid V., Bronxville, N. Y., and J. M. Mavly, assignors to Universal Oil Products Company, Chicago, Ill. Separation of polymeric from monomolecular aromatics. 2,319,813; May 25.
- Grosse, Aristid V., Bronxville, N. Y., and C. B. Linn, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of paraffin hydrocarbons. 2,325,052; July 27.
- Grosse, Aristid V., Bronxville, N. Y., and C. B. Linn, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,333,648; Nov. 9.
- Grosse, Aristid V., Bronxville, N. Y., and C. B. Linn, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,333,649; Nov. 9.
- Grosse, Aristid V., Bronxville, N. Y., and C. B. Linn, assignors to Universal Oil Products Company, Chicago, Ill. Alkylation of paraffin hydrocarbons. 2,335,507; Nov. 30.
- Grosse, Aristid V., and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Isomerization of paraffins. 2,326,893; Dec. 14.
- Grosse, Aristid V., Bronxville, N. Y., and H. Pines, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Isomerization of paraffins. 2,336,863; Dec. 14.
- Grosso, Thomas A., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Dispensing container. 2,327,420; Aug. 24.
- Grossenbacher, Ernest, Pajardo, Puerto Rico, assignor to The Marlo Company, New York, N. Y. Counting apparatus. 2,337,811; Dec. 28.
- Grossett, William W., Munhall, Pa., assignor to Carnegie-Illinois Steel Corporation. Tool for removing feeders or sprues from ingots and the like. 2,333,925; Nov. 9.
- Grossguth, Theodore, W. A. Spilo, and C. Vasquez, assignors to Lincoln Newspaper Features, Inc., New York, N. Y. Photographic method of matching and selecting cuttings or the like. 2,309,390; Jan. 26.
- Grossman Music Company. (See Thompson, Josephus, assignor.)
- Grossman Music Company. (See Thompson, J., and Brockman, assignors.)
- Grosswege, John B. (See Canetta, J., and Grosswege.)
- Grote, Alfred W., Freeport, assignor to The Portland Company, Portland, Maine. Operating and control system for hydraulic elevators. 2,319,125; May 11.
- Grote, Alfred W., Freeport, assignor to The Portland Company, Portland, Maine. Hydraulic elevator construction. 2,319,126; May 11.
- Grote, Henry W., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of low boiling petroleum distillates. 2,319,500; May 18.
- Grottelite Company, The. (See Ryder, Charles D., assignor.)
- Grottelite Company, The. (See Wacker, George W., assignor.)
- Grothouse, James T., assignor to Silent Sioux Oil Burner Corporation, Orange City, Iowa. Flue heat extractor. 2,311,226; Feb. 16.
- Grotewold, Hans. (See Bleam, E. W., and Grotewold.)
- Grotewold, Hans. (See First, G. B., and Grotewold.)
- Groat, Martin B. (See Riekmeier, E. W., and Groat.)
- Groat, Perley F., Wakefield, Mass. Totalizer. 2,320,275; May 25.
- Groat, Roy A. (See Dadant, H. C., and Groat.)
- Grove, Collins D., Joliette, Quebec, Canada. Coupling means for dollies, trailers, and the like. 2,313,235; Mar. 9.
- Grove, Don E., West Los Angeles, and J. D. Comstock, assignors to Hollywood Liquefier Corporation, Los Angeles, Calif. Juice extractor. 2,328,526; Aug. 31.
- Grove, Marvin H., Piedmont, Calif. Flow control valve. 2,310,628; Feb. 9.
- Grove, Marvin H., Piedmont, Calif. Apparatus for controlling the flooding of liquid tanks or compartments. 2,328,902; Sept. 7.
- Grove, Marvin H., Piedmont, and A. U. Bryant, Berkeley, Calif., assignors to Fluid Control Engineering Co. Flow control device. 2,317,376; Apr. 27.
- Grove Silk Company. (See Stuewer, Reinhold F., assignor.)
- Grover, Elliot B., Providence, assignor to Manville Jenckes Corporation, Manville, R. I. Apparatus for testing the density of thread packages. 2,313,336; Mar. 9.
- Grover, Carlsson E., Minneapolis, Minn., assignor to Burke & Jones, Inc., Camden, N. J. 2,310,840; Feb. 9.
- Grover Tank & Mfg. Co. (See Ellis, Clifford A., assignor.)
- Grow, Harlow B., Freeport, N. Y., Controlling combustion engines. 2,319,858; May 25.
- Grow, Harlow B., Freeport, N. Y. Ignition system. 2,324,923; July 20.
- Growdon, James T., and D. J. Bleifuss, Mount Lebanon, assignors to Aluminum Company of America, Pittsburgh, Pa. Hydraulic gate structure and the like. 2,322,846; June 29.
- Growdon, Leonard R. (See Morris, D. F., and Growdon.)
- Grubb, Henry M. (See Tucker, E. B., and Grubb.)
- Gruber, Wolfgang, and H. Machemer, Burghausen, Germany; vested in the Alien Property Custodian. Softening agents for high polymeric substances. 2,332,849; Oct. 26.
- Gruchow, Elmer R. (See McGovern, Van A., and Gruchow.)
- Grudin, Louis, New York, N. Y. Apparatus for photographically reproducing display type lines and the like. 2,314,272; Mar. 16.
- Gruender, Oscar C., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Double screen structure. 2,310,739; Feb. 9.
- Gruender, Oscar C., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Shaftless cone crusher and rifting member therefor. 2,310,737; Feb. 9.
- Gruender, Oscar C., and E. Werner, assignors to Nordberg Manufacturing Co., Milwaukee, Wis. Impact member for impact crushers and securing means therefor. 2,325,605; Aug. 3.
- Gruender, Oscar C., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Jaw crusher. 2,326,215; Aug. 10.
- Gruendler Crusher & Pulverizer Co. (See Gruendler, William P., assignor.)
- Gruendler Crusher & Pulverizer Co. (See Poesse, Theodore H., assignor.)
- Gruendler, William P., University City, assignor to Gruendler Crusher & Pulverizer Co., St. Louis, Mo. Cage for grinding machines and the like. 2,317,900; Apr. 27.
- Gruenluth, Alfred, assignor, by mesne assignments, to G. Israel, New York, N. Y. Automatic rewind film carrier. 2,315,954; Apr. 6.
- Gruetjen, Frederick A., assignor to A. O. Smith Corporation, Milwaukee, Wis. Packing assembly. 2,320,589; June 1.
- Gruetjen, Frederick A., assignor to A. O. Smith Corporation, Milwaukee, Wis. Oil well pumping unit. 2,330,419; Sept. 28.
- Gruett, L. Roy E., assignor to The Falk Corporation, Milwaukee, Wis. Spray nozzle. 2,325,008; July 20.
- Gruetzmacher, Johannes, Berlin, Germany; vested in the Alien Property Custodian. Electrode for piezoelectric crystal oscillators. 2,323,030; June 29.
- Gruizer, Edward H., Seattle, Wash. Collapsible paper container. 2,321,346; June 29.
- Grunke, Earl W. (See Kirby, J. N., and Grunke.)
- Grün, Adolf, and W. Stoll, assignors to J. R. Geigy A.-G., Basel, Switzerland. 1-o-hydroxyphenoxy-2-alkoxy-2-propanols and/or 2-propanones and their manufacture. 2,336,093; Dec. 7.
- Grunberg, George, New York, N. Y., assignor to The G. G. Patent Company, Cincinnati, Ohio. Bottle stopper with applicator extension. 2,320,323; May 25.
- Grund, William, Detroit, Mich. Expansion joint. 2,331,359; Oct. 12.
- Grundmann, Gustave L., Westmont, N. J., assignor to Radio Corporation of America. Band pass amplifier. 2,321,291; June 8.
- Gruhnert, Siegfried, Berlin-Kopenick, and H. Ide, Berlin-Grunow, Germany; vested in the Alien Property Custodian. Controlling the supply of air to the closed cabins of aircraft. 2,316,237; Apr. 13.
- Grunewald, Kurt H. (See Ax, G. B., Grunewald, Wiberg, and Oman.)
- Grunig, Bernhard C., assignor to A. B. T. Manufacturing Corp., Chicago, Ill. Coin release. 2,321,199; June 8.
- Grunsky, Charles, et al. (See Esty, Alfred H., assignor.)
- Grunt, Max, Summit, N. J. Wall and plumbing fixture. 2,316,514; Apr. 13.
- Grunt, Max, Summit, N. J. Water closet construction. 2,316,515; Apr. 13.
- Grunt, Max, Summit, N. J. Filing system. 2,326,029; Aug. 3.
- Grunwald, Edward, New York, N. Y. Combination headlight and fog light for automobiles. 2,309,448; Jan. 26.
- Grunwell, Paul C., and A. H. Nolan, St. Louis, Mo. Automatic lifting mechanism. 2,335,272; Nov. 30.
- Grupe, William F., Lyndhurst, N. J., assignor to Interchemical Corporation, New York, N. Y. Method and apparatus for printing. 2,321,140; June 8.

- Grube, William F., Lyndhurst, N. J., assignor, by mesne assignments, to Interchemical Corporation, New York, N. Y. Printing press. 2,324,298; July 13.
- Grube, William F., Lyndhurst, N. J., assignor, by mesne assignments, to Interchemical Corporation, New York, N. Y. Intaglio printing machine. 2,333,172; Nov. 2.
- Grube, William F., Lyndhurst, N. J., assignor to Interchemical Corporation, New York, N. Y. Printing press and printing therewith. 2,337,886; Dec. 21.
- Gruper, Frank J., Jr. (See Eggebrecht, O., Koehler, and Gruper.)
- Gruse, William A. (See Hjerpe, E. B., and Gruse.)
- Gschling, Wilhelm, Heidenheim-on-the-Brenz, Germany, assignor to American Voith Contact Company Inc., New York, N. Y. Control of combined mechanical and hydraulic gearing. 2,337,748; Dec. 28.
- Gschwind, Jean F., Scarsdale, assignor to J. O. Ross Engineering Corporation, New York, N. Y. Liquid flow regulator. 2,322,102; June 15.
- Gsell, Herman, San Francisco, Calif. Adjustable seat for vehicles. 2,324,207; July 13.
- Guanella, Gustaf, and W. Ernst, Zurich, W. Lindecker, Ennetbaden, and M. Gabriel, Baden, assignors, by mesne assignments, to "Patelhold" Patentverwertungs- & Elektro-Holding A.-G., Glarus, Switzerland. Transmitting signals. 2,312,897; Mar. 2.
- Guardian Electric Manufacturing Co. (See Baker, Edward G., assignor.)
- Guardian Electric Manufacturing Co. (See Baker, E. G., and Obszarny, assignors.)
- Guardian Electric Manufacturing Co. (See Obszarny, Theodor, assignor.)
- Guardian Merchandising Corporation. (See Monnet, Georges, assignor.)
- Guardite Corporation, The. (See Schneider, Raymond U., assignor.)
- Guardman Safety Razor, Inc. (See Nelson, Everett B., assignor.)
- Guarnaschelli, Stephen, Mount Vernon, assignor to Packaging Metal Products Corporation, New York, N. Y. Coupling. Re. 22,309; May 11.
- Gubelmann, Ida, Wilmington, Del., and R. G. Benner, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Purifying benzoic acid. 2,317,455; Apr. 27.
- Gubelmann, William S., Convent, N. J. Cash register. 2,328,272; Aug. 31.
- Gude, Harry E., Gary, Ind., assignor to Carnegie-Illinois Steel Corporation. Processing strip metal. 2,327,103; Aug. 17.
- Gudebrod, Charles B., Wayne, Pa. Power transmission belt. 2,327,104; Aug. 17.
- Gudle, Ray W., Los Angeles, assignor to L. M. Harvey, La Canada, Calif. Automatic radio control device. 2,312,247; Feb. 23.
- Guedon, Emile C., Audubon, N. J., assignor to Radio Corporation of America. Electrical signal-translating apparatus. 2,329,427; June 1.
- Guelson, Stanley G., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Electric switch and terminal connector. 2,318,775; May 11.
- Guelson, Stanley S., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Safety shutoff system. 2,319,676; May 18.
- Guenther, George G. (See Guenther, Henry J. and G. G.)
- Guenther, Henry J., and G. G., New York, N. Y. Side pocket for brief cases and the like. 2,316,328; Apr. 13.
- Guenther, Henry J. and G. G., New York, N. Y. Brief case and the like. 2,319,127; May 11.
- Guenther, Henry L., Los Angeles, Calif. Can double seaming machine. 2,311,538; Feb. 16.
- Guenzel, Ernest G., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Apparatus for welding. 2,316,859; Apr. 20.
- Guernsey, Earle J., Parker, S. Dak. Highway maintaining device. 2,314,934; Mar. 30.
- Guernsey, Ernest W., assignor to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Continuous absorption refrigerating system. 2,333,780; Nov. 9.
- Guernsey, Ernest W., assignor to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Prevention of sulphate deposits on glass. 2,336,785; Dec. 14.
- Guertin, Louis C., Worcester, Mass. Portable rivet heater. 2,336,353; Dec. 7.
- Gueterbock, Hermann. (See Otto, M., Gueterbock, and Hellemanns.)
- Guetter, Arthur E., New York, N. Y. Adjustable ventilator. 2,314,492; Mar. 23.
- Guetzkow, Edward. (See Saving, R. E., and Guetzkow.)
- Guzino, Carmelo, Buffalo, N. Y. Stringed musical instrument. 2,335,244; Nov. 30.
- Guhl, Henry C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Molded article. 2,315,615; Apr. 6.
- Gulberson Corporation, The. (See Taylor, R. G., Jr., and Hooser, assignors.)
- Guilbert, Francis W., Beverly Hills, and F. B. Fuller, Whittier, Calif., said Fuller assignor to said Guilbert. Valve. 2,321,743; June 15.
- Guilbert, Francis W., Beverly Hills, and F. B. Fuller, Whittier, Calif.; said Fuller assignor to said Guilbert. Measuring device for liquids. 2,322,436; June 22.
- Guldaite Corporation. (See Smith, F. O., and Hirschfeld, assignors.)
- Guignon, Emile S., Jr., Kansas City, Mo. Sectional building unit. 2,333,999; Nov. 9.
- Guild, Lloyd V., assignor to Burrell Technical Supply Company, Pittsburgh, Pa. Flowmeter. 2,332,850; Oct. 26.
- Gul, Lurelle, Darien, Conn. Molding. 2,312,092; Feb. 23.
- Guild, Wilbur G., assignor to Standard Oil Company, Chicago, Ill. Continuous rotary heat exchanger for catalyst systems. 2,311,984; Feb. 23.
- Guilfoil, Oscar D., Jr., assignor to Muench-Kreuzer Candle Co., Inc., Syracuse, N. Y. Sanctuary oil lamp. 2,312,640; Mar. 2.
- Guillaume, Anton A., assignor to Segelke & Kohlhaus Company, La Crosse, Wis. Weather stripping. 2,315,200; Mar. 30.
- Guillet, Watrous N. (See Prendergast, J. J., Jones, and Guillet.)
- Guinane, James P., New York, N. Y. Loose-leaf binder locking mechanism. 2,308,363; Jan. 12.
- Guinot, Henri M., Niort, Deux-Sevres, France; vested in the Alien Property Custodian. Hydration of olefins. 2,310,911; Feb. 9.
- Guinot, Henri M., Niort, France; vested in the Alien Property Custodian. Recovery of alcohols from olefin hydration products. 2,313,196; Mar. 9.
- Guinot, Henri M., Niort, Deux-Sevres, France; vested in the Alien Property Custodian. Separation of mixtures of olefins and paraffins. 2,316,860; Apr. 20.
- Guinot, Henri M., Niort, France; vested in the Alien Property Custodian. Treatment of acetic acid. 2,317,758; Apr. 27.
- Guinzburg, George K., Chappaqua, assignor to I. B. Kleiner Rubber Company, New York, N. Y. Low shoe. 2,335,210; Nov. 23.
- Guirey, F. M. (See Sefcovic, Felix S., assignor.)
- Guiri, Howard P., East Chicago, Ind., and F. G. Troppa, Lansing, Mich., assignors to The Superheater Company. Projection welding machine. 2,325,507; July 27.
- Guite, Roy W., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Blast cleaning apparatus. 2,310,488; Feb. 9.
- Gulbrandsen, Guldrand. (See Jacobus, D. P., and Guldrandsen.)
- Gulbrandsen, Sverre, Woodbury, N. S. Serinis, Gloucester, and G. T. Traut, Haddon Heights, N. J., assignors, by mesne assignments, to Industrial Rayon Corporation. Making spinning solutions. 2,336,481; Dec. 14.
- Guler, George D., White Plains, N. Y., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,328,974; Sept. 7.
- Gulf Oil Corporation. (See Hjerpe, E. B., and Gruse, assignors.)
- Gulft Oil Corporation. (See McAfee, A. M., and Dunlay, assignors.)
- Gulf Oil Corporation. (See Ostergaard, Povl, assignor.)
- Gulf Research & Development Company. (See Ackerman, W. A., and Bonnell, assignors.)
- Gulf Research & Development Company. (See Bowman, John R., assignor.)
- Gulf Research & Development Company. (See Chenault, Roy L., assignor.)
- Gulf Research & Development Company. (See Kennedy, Harvey T., assignor.)
- Gulf Research & Development Company. (See Kennedy, H. T., and Teplitz, assignors.)
- Gulf Research & Development Company. (See Kirkpatrick, Robert L., assignor.)
- Gulf Research & Development Company. (See Lutz, W. A., and Pool, assignors.)
- Gulf Research & Development Company. (See Montgomery, Charles W., assignor.)
- Gulf Research & Development Company. (See Peters, Leo J., assignor.)
- Gulf Research & Development Company. (See Pool, John W., assignor.)
- Gulf Research & Development Company. (See Ritzmann, Otto F., assignor.)
- Gulf Research & Development Company. (See Stevens, D. R., and McKinley, assignors.)
- Gulf Research & Development Company. (See Weinrich, W. W., and Loew, assignors.)
- Gulf Research & Development Company. (See Weinrich, W. W., and Yost, assignors.)
- Gulf Research & Development Company. (See Wyckoff, Ralph D.)
- Gulf Research & Development Company. (See zur Horst, C. G., Wescott, and Vollmer, assignors.)
- Gullett Gin Company. (See Wallace, Jeffrey J., assignor.)
- Gulliksen, Finn H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Profiling control system. 2,307,503; Jan. 5.
- Gulotta, Anthony, Dearborn, Mich. Rotating device for aircraft wheels. 2,312,159; Feb. 23.
- Gum, Wallace I., Laredo, Tex. Vehicle tire. 2,334,260; Nov. 16.

- Gumlich, Walter, Leverkusen-Schleibsch, and E. Konrad, Leverkusen-I. G. Werk, Germany, assignors, by mesne assignments, to Jasco Incorporated, Plasticizing synthetic rubberlike materials. 2,307,037; Jan. 5.
- Gummed Products Company, The. (See Atkins, Walter W., assignor.)
- Gump, B. F., Co. (See Hazle, Albert J., Jr., assignor.)
- Gump, William S., Montclair, and M. Luthy, Ridgewood, N. Y., assignors to Burton T. Bush, Inc., New York, N. Y. Making chlorinated phenolaldehyde condensation products. 2,334,408; Nov. 16.
- Gunberg, Harry W., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Two-speed supercharger drive control. 2,323,592; July 6.
- Gunderson, Lewis O., Park Ridge, assignor to Dearborn Chemical Company, Chicago, Ill. Conditioning water. 2,328,551; Sept. 7.
- Gunderson, Norris E., assignor to Layne-Northern Company, Incorporated, Mishawaka, Ind. Well cleaning. 2,309,697; Feb. 2.
- Gunderson, Ralph R., Detroit, Mich. Liquid tapping and blowing loss eliminator. 2,314,273; Mar. 16.
- Gunn, Francis M., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Making rail cars. 2,314,978; Mar. 30.
- Gunn, Francis M., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Rail car. 2,314,979; Mar. 30.
- Gunning, Alfred, Houston, Tex. Stamp holder. 2,332,571; Oct. 26.
- Gunning, Wayne, Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Tractor. 2,333,173; Nov. 2.
- Gunnison, George S. (See Tucker, A. E. and Gunnison.)
- Gunst, William R., assignor of one-half to H. Attari, London, England. Internal combustion turbine engine. 2,336,786; Dec. 14.
- Gunter, Addison Y., Larchmont, assignor to American Locomotive Company, New York, N. Y. Heat exchanger. 2,316,063; Apr. 6.
- Gunter, Addison Y., Larchmont, and G. B. Farkas, Jackson Heights, assignors to American Locomotive Company, New York, N. Y. Apparatus for fabricating gunter sheet assemblies. 2,336,541; Dec. 14.
- Gunterhack, August, Chicago, Ill. Figure toy. 2,327,261; Aug. 17.
- Günther, Erich. (See Helferlich, B., and Günther.)
- Gunther, Hermann, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Interlock mechanism for sewing machines. 2,335,408; Nov. 30.
- Gunther, Hermann, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Article attaching machine. 2,335,827; Nov. 30.
- Gup, David, assignor to The West Tire Setter Company, Rochester, N. Y. Hydraulic circular press. 2,319,677; May 18.
- Gup, David, assignor to The West Tire Setter Company, Rochester, N. Y. Circular press. 2,333,860; Nov. 9.
- Gurewitsch, Anatole M. (See Mayer, H. F., and Gurewitsch.)
- Gurewitsch, Anatole M., Schenectady, N. Y., assignor to General Electric Company, Shaft lock. 2,314,208; Mar. 16.
- Gurke, John, Bethesda, Md. Crib cover. 2,313,337; Mar. 9.
- Gurley, John W., Indianapolis, Ind. Rotary pump. 2,321,810; June 15.
- Gurley, W. & L. E. (See Egly, Willard L., assignor.)
- Gurley, W. & L. E. (See Wilbur, Donald A., assignor.)
- Gurley, W. & L. E. (See Witham, George S., Jr., assignor.)
- Gurries, Albert G., Gilroy, Calif. Front end loader. 2,310,284; Feb. 9.
- Gurries, Albert G., Gilroy, Calif. Lift for implement frames. 2,314,041; Mar. 16.
- Gurries, Albert G., Gilroy, Calif. Rotary valve. 2,324,576; July 20.
- Gurwick, Irving, Long Beach, N. Y. Making printed signatures. 2,324,834; July 20.
- Gurwick, Irving, assignor to Shellman Products Company, Mount Vernon, Ohio. Tobacco pouch and method of making same. 2,325,673; Aug. 3.
- Gussack, Nathan A., New York, N. Y. Slide drawer construction. 2,320,276; May 25.
- Gussow, William A. (See Caldwell, J. R., and Gussow.)
- Gussow, William A. (See Richardson, O., Caldwell, and Gussow.)
- Gustafson, Arthur R., Chicago, Ill. Binding device. 2,335,057; Nov. 23.
- Gustafson, August W., Hutto, assignor of one-half to G. R. Lundelius, Round Rock, and one-fourth to C. V. Landsberry, Round Tree, Tex. Suction controlled filling attachment for tractor fuel tanks. 2,325,674; Aug. 3.
- Gustafson, Bertha, Edmore, Mich., and S. Geipe, Chicago, Ill. Partition device. 2,309,896; Feb. 2.
- Gustafson, Carl A., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Tractor. 2,311,941; Feb. 23.
- Gustafson, Carl A., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Dump wagon. 2,322,437; June 22.
- Gustafson, Carl A., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Vehicle seat. 2,334,922; Nov. 23.
- Gustafson, Carl A., and P. B. Benner, Peoria, Ill., assignors to Caterpillar Tractor Co., San Leandro, Calif. Lift mechanism. 2,332,712; Oct. 26.
- Gustafson, Gilbert E., assignor to Zenith Radio Corporation, Chicago, Ill. Frequency modulation receiver. 2,310,896; Feb. 9.
- Gustafson, Gustaf A., Waukegan, Ill., assignor to The American Steel and Wire Company of New Jersey. Tension or stretcher band for fence posts and the like. 2,331,390; Oct. 12.
- Gustafson, Hilding B., assignor to Inflico Incorporated, Chicago, Ill. Liquid treatment. 2,325,675; Aug. 3.
- Gustafson, Lewis H., assignor to Prophy-aetic Brush Company, Northampton, Mass. Pump valve. 2,335,245; Nov. 30.
- Gustafson, Rolf E., and M. H. Oviatt, Bay City, Mich. Butter-cutting machine. 2,328,800; Sept. 7.
- Gustafsson, Eric, and W. L. Wilmes, assignors to Hinks Manufacturing Company, Chicago, Ill. Automatic drain valve. 2,323,764; July 6.
- Gustafsson, Eric, and W. Baur, assignors to Hinks Manufacturing Company, Chicago, Ill. Universally adjustable automatic spraying device. 2,328,448; Aug. 31.
- Gustafsson, Eric, and J. W. Baur, assignors to Hinks Manufacturing Company, Chicago, Ill. Fan. 2,335,508; Nov. 30.
- Gustafsson, Gethard V. A., Stockholm, and J. D. Magnusson, Gollub, Sweden. Geophysical instrument. 2,331,904; Oct. 19.
- Gustavson, Elmer G., assignor to Quaker Oats Company, Chicago, Ill. Canned food product. 2,310,028; Feb. 2.
- Gustin-Bacon Manufacturing Company. (See Stephens, Joseph F., assignor.)
- Gustlin, Daniel S., and H. K. Richardson, Bloomfield, N. J., assignors to Vestalhouse Electric & Manufacturing Company, East Pittsburgh, Pa. Method and machine for making molded stems for electrical devices. 2,324,385; July 13.
- Gustley, Carl W., Wheeling, W. Va., assignor to Imperial Glass Corporation, Bellaire, Ohio. Etching insignia upon articles of glassware. 2,324,694; July 20.
- Gustus, Edwin L., Chicago, Ill., assignor to Wilson & Co., Inc. Epinephrine derivative and preparation thereof. 2,332,075; Oct. 19.
- Gusy, Eugene, Buffalo, N. Y. Air cleaner and humidifier. 2,324,386; July 13.
- Gutenberg, Andrew C., and R. L. Brower, Milwaukee, Wis. Vacuum controlling device for carburetors. 2,314,141; Mar. 16.
- Guth, Adair B., Oak Park, assignor to Ditto, Incorporated, Chicago, Ill. Roller for printing. 2,326,777; Aug. 17.
- Guth, Durward O., St. Paul, Minn., assignor, by mesne assignments, to Minnesota Mining & Manufacturing Company. Sheeted abrasive. 2,307,461; Jan. 5.
- Guth, Durward O., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Flexible sheeted abrasive. 2,314,349; Mar. 23.
- Guth, Edwin P., Florissant, Mo. Lighting fixture. 2,319,732; May 18.
- Guth, Edwin P., Florissant, Mo. Lighting fixture. 2,331,774; Oct. 12.
- Guthrie, Andrew J., St. Albans, W. Va. Rapid firing machine or bomb. 2,320,926; June 1.
- Guthrie Ceramic Labelling & Machinery Co. Inc. (See Shurley, Frederick, assignor.)
- Guthrie, James E., assignor to Dr. Hess & Clark, Inc., Ashland, Ohio. Taeniaicide. 2,323,218; June 29.
- Guthrie, Robert G., and O. J. Wilbur, assignors to Chicago Ry-Products Corporation, Chicago, Ill. Dispersing one fluid in another. 2,308,751; Jan. 19.
- Guthrie, William S., Los Angeles, Calif. Evaporative air cooler and window support. 2,333,374; Nov. 2.
- Gutkin, Samuel S., Brooklyn, N. Y., assignor to Falk & Company. Phenol-aldehyde modification. 2,329,045; Sept. 7.
- Gutman, Louis, assignor to Independent Lock Company, Fitchburg, Mass. Tubular night latch. 2,307,038; Jan. 5.
- Gutterman, Robert P., Brookline, Mass. Serving tray. 2,314,935; Mar. 30.
- Gutzmann, Dorothea, Chicago, Ill. Ornamental article and making same. 2,337,099; Dec. 21.
- Gutzwiller, Ernst, Basel, assignor to the firm of Sandoz Ltd., Fribourg, Switzerland. Arylamino anthraquinone dyes and their manufacture. 2,315,783; Apr. 6.
- Guy, Frederick M., assignor to Guy and Murton, Incorporated, Detroit, Mich. Shock absorber. 2,314,493; Mar. 23.
- Guy, Hubert G., Newark, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,327,105; Aug. 17.
- Guy, Luther S., Brentwood, Md. Shoe polisher. 2,314,394; Mar. 23.
- Guy and Murton, Incorporated. (See Guy, Frederick M., assignor.)
- Guyard, Léon J. B., Paris, France; vested in the Alien Property Custodian. Extracting and concentrating sulphur dioxide. 2,314,936; Mar. 30.

- Guyer, Reynolds. (See Hennessey, R. J., Genck, and Guyer.)
- Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Packing containers. 2,323,467; July 6.
- Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Packing and display container. 2,331,551; Oct. 12.
- Guyer, Reynolds, and R. J. Hennessey, assignors to Waldorf Paper Products Company, St. Paul, Minn. Packaging and dispensing fluid substances. 2,307,124; Jan. 5.
- Guyler, Albert F. (See Boaler, W. H., and Guyler.)
- Guyler, Albert F., W. H. Boaler, and W. E. Stanley, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of knitted fabrics. 2,312,334; Mar. 2.
- Guyler, Albert F., W. H. Boaler, and W. E. Stanley, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of knitted fabrics. 2,312,965; Mar. 2.
- Guyton, Robert H. (See Matteson, J. O., and Guyton.)
- Gwaltney, Eugene C., Bideford Pool, and G. B. Nutting, Saco, Maine. Tape tensioning pulley. 2,329,159; Sept. 7.
- Gwaltney, Eugene C., Bideford, and P. B. West, Saco, Maine, assignors to Saco-Lowell Shops, Boston, Mass. Calendaring mechanism for card silver working machines. 2,322,711; June 22.
- Gwyn, Joseph M., Jr., and E. Berger, San Diego, Calif. Adjustable cable guide. 2,329,529; Sept. 14.
- Gwyn, Childress B., Jr., Deerfield, assignor to Fansteel Metallurgical Corporation, North Chicago, Ill. Electrical contacts. 2,311,436; Feb. 16.
- Gwynn, Marlon H., Mountain Lakes, N. J. Activating catalytic surfaces. 2,315,518; Apr. 6.
- Gwynn, Marlon H., Leonia, N. J. Process for activating catalytic surfaces. 2,319,453; May 18.
- Gyproc Products Limited. (See Cavadin, Conrad G. F., assignor.)
- Gyproc Products Limited. (See Wright, George C., assignor.)
- Gyro-Balance Corporation. (See Rouy, Auguste L. M. A., assignor.)
- Gysin, Hans. (See Martin, H., Baumann, and Gysin.)
- Gzemski, Felix C., assignor to The Atlantic Refining Company, Philadelphia, Pa. Lubricant. 2,326,140; Aug. 10.
- H & B American Machine Company. (See Buote, Clarence E., assignor.)
- H & B American Machine Company. (See Repass, George E., assignor.)
- H & H Thermostats, Inc. (See Matheson, William K., assignor.)
- H. K. Metal Craft Manufacturing Co. (See Hopp, H. P., and Kunzelman, assignors.)
- Haack, Erich, Raddeburg, near Dresden, Germany; vested in the Alien Property Custodian. Preparing N-sulphonylureas. 2,312,404; Mar. 2.
- Hag, George P., Chicago, Ill. Dispenser. 2,335,007; Nov. 23.
- Haag, Joseph, assignor of sixty-six and two-thirds to J. J. Wital, New York, N. Y. Machine for manufacturing linked sausages. 2,325,769; Aug. 3.
- Haugen, Charles W., assignor to S. L. Allen & Co., Inc., Philadelphia, Pa. Spring trip mounting for cultivator steels. 2,312,405; Mar. 2.
- Haaker, Henry W., Yonkers, assignor of one-half to J. Leer, Bronx, N. Y. Building block and wall construction. 2,315,418; Mar. 30.
- Haaky Manufacturing Company. (See Mjolsness, Haakon, assignor.)
- Haaky Manufacturing Company. (See Mjolsness, H., and Russell, assignors.)
- Haard, Fred. (See Steiger, N., and Haarde.)
- Haarhoff, Daniel van der M., Albertain, assignor to Anti-Abradants (Proprietary) Limited, Johannesburg, Union of South Africa. Protection of pump surfaces. 2,310,629; Feb. 9.
- Haarhoff, Hans. (See Micheel, F., and Haarhoff.)
- Haas, Carl F. (See Yost, I. A., and Haas.)
- Haas, Charles J., New York, N. Y. Renewable cartridge fuse. 2,320,221; May 25.
- Haas, Edward, Brooklyn, N. Y. Making spark plugs. 2,307,403; Jan. 5.
- Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,313,063; Mar. 9.
- Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Housing for shoe machines. 2,314,350; Mar. 23.
- Haas, Otto R., North Beverly, assignor to United Shoe Machinery Corporation, Flemington, N. J. Presser foot mechanism for shoe sewing machines. 2,321,596; June 15.
- Haas, Otto E., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Thread supply device for shoe sewing machines. 2,326,852; Aug. 17.
- Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sewing machine. 2,328,011; Aug. 31.
- Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,328,070; Aug. 31.
- Haas, Otto, Richmond Hill, and J. R. Hawkins, Flushing, assignors to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Expanding and staking tool. 2,325,508; July 27.
- Haas, Otto, Richmond Hill, and J. Paluseo, Astoria, assignors to Aircraft Screw Products Company, Incorporated, Long Island City, N. Y. Stud driver and extractor. 2,334,088; Nov. 9.
- Haas, Samuel T. (See Stetler, Lowell, assignor.)
- Haas, Sherwin W., Philadelphia, Pa., assignor to Keuffel & Esser Company, Hoboken, N. J. Drawing board cover. 2,327,963; Aug. 24.
- Haase, Allen P., Lackawanna, N. Y. Grain door. 2,316,688; Apr. 13.
- Haase, Leo G., Hollywood, Calif. Set screw spotter. 2,309,765; Feb. 2.
- Habart, Herbert, and H. W. Hudson, Ellwood City, Pa., assignors to National Tube Company. Making hollow articles. 2,325,314; July 27.
- Haber, Hans, New York, N. Y. Light trap for projectors. 2,321,080; June 8.
- Haber, Eugene J., Sanderstead, assignor to Matthews & Yates Limited, Swinton, Manchester, England. Apparatus for separating dust and other suspended matter from air and other gases or vapors. 2,327,886; Aug. 2.
- Haberberger, Anthony, assignor to Stackpole Carbon Company, St. Marys, Pa. Making insulated resistors. 2,332,376; Oct. 19.
- Haberlin, John F., assignor, by mesne assignments, to Boeing Aircraft Company, Seattle, Wash. Gun mount. 2,307,582; Jan. 5.
- Haberman, Max, Forest Hills, N. Y. Hair-waving clip. 2,323,315; July 27.
- Haberman, Max, Forest Hills, N. Y. Hair curling device. 2,325,316; July 27.
- Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Washing machine. 2,323,765; July 6.
- Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Tractor seat. 2,324,152; Aug. 13.
- Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Bath tub. 2,326,534; Aug. 10.
- Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Cultivator. 2,328,449; Aug. 31.
- Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Cylinder. 2,330,420; Sept. 28.
- Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Cylinder construction. 2,330,421; Sept. 28.
- Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Steam generator. 2,336,011; Dec. 7.
- Habrood, Bernard J., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Composition comprising solid ethylene polymers. 2,316,418; Apr. 13.
- Habib, Emile E. (See Neiley, Stephen B., and Habib.)
- Hach, Edward C., Westfield, and H. Hersperger, Roselle, N. J., assignors to General Electric Company. Air circulating device. 2,337,325; Dec. 21.
- Hach, Floyd C. (See Matheson, L. A., Hach, and De Haas.)
- Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,320,127; May 25.
- Hachmuth, Karl H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Hydrogenation-catalyst reactivation. 2,330,174; Sept. 21.
- Hack, Ernst, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Sound recording system. 2,323,032; June 29.
- Hack, Frank W., Des Plaines, assignor to Reconstruction Finance Corporation, Chicago, Ill. Universal machine tool. 2,318,938; May 11.
- Hackbarth, Carl J., Baltimore, and C. V. Lundeen, Towson, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Rotary tool. 2,331,468; Oct. 12.
- Hackethal, Paul F., assignor to Everell Propeller Corporation, Baltimore, Md. Propeller. 2,336,012; Dec. 7.
- Hackett, Robert W. East Braintree, assignor to Abrasive Products, Inc., South Braintree, Mass. Sheet abrasive. 2,321,744; May 15.
- Hacklander, Hans, Linden, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Uncurling guide for sewing machines. 2,318,385; May 4.
- Hacklander, Hans, Linden, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Safety device. 2,321,380; June 8.
- Hacklander, Hans, Linden, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread-chain cutter for sewing machines. 2,334,672; Nov. 16.
- Hacklander, Hans, Linden, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Uncurling guide for sewing machines. 2,336,354; Dec. 7.
- Haddad, Jerrier. (See Leathers, W., and Haddad.)

- Haddad, Jerrier. (See Leathers, W., Haddad, and Bailey.)
- Haddad, Jerrier, Brooklyn, assignor to International Business Machines Corporation, New York, N. Y. Automatic telephoning system. 2,335,755; Nov. 30.
- Hadden, H. D., executor, et al. (See Leprestre, Rene.)
- Haddock, Daniel T., Tucson, Ariz. Apparatus for marking term sheets or plates. 2,309,585; Jan. 26.
- Haddock, John W., Mohlman City, Ind., assignor to Sullivan Machinery Company. Apparatus for cleaning holes. 2,310,001; Feb. 2.
- Hader, Albert J., Fort Lauderdale, Fla. Variable sign. 2,331,882; Oct. 12.
- Hadfield, Bertram M., Harrow Weald, England, assignor to Associated Electric Laboratories Inc., Chicago, Ill. Thermionic valve circuit having a constant output. 2,309,762; Jan. 19.
- Hadfield, Bertram M., Harrow Weald, England, assignor to Associated Electric Laboratories Inc., Chicago, Ill. Alternating current signaling system. 2,326,457; Aug. 10.
- Hadiopoulos, Apostolos G., Chicago, Ill. Toy. 2,310,075; Feb. 2.
- Hadler, Bartholdt C. (See Coleman, G. H., Hadler, and Moore.)
- Hadler, Bartholdt C. (See Coleman, G. H., Hadler, and Sapp.)
- Hadley, E. V. (See Bradley, F. L., Stumpp, and Jaworski, assignors.)
- Hadley, Harlan A., River Edge, N. J., assignor to Fairbanks, Morse & Co., Chicago, Ill. Automatic dial scale. 2,315,789; Apr. 6.
- Hadley, Robert W. (See Dorman, N. W., and Hadley.)
- Hadley, Wilfred N., assignor to Parks and Woolson Machine Company, Springfield, Vt. Cloth shearing machine. 2,321,481; June 8.
- Hadley, Wilfred N., assignor to Parks and Woolson Machine Company, Springfield, Vt. Cloth shearing machine. 2,321,482; June 8.
- Haebler, Herbert, Stuttgart, Germany; vested in the Alien Property Custodian. Lead storage battery. 2,317,759; Apr. 27.
- Haeckel, Edward W., McKeesport, and Walter Moyle, Duquesne, Pa. Gripping member for billet surfacing machines and the like. 2,326,778; Aug. 17.
- Haecke, Edward J., assignor to National Machine Works, Chicago, Ill. Proprietary mixer. 2,321,182; June 8.
- Haeffeli, Julius C., assignor to The Austin Motor Company, Limited, Birmingham, England. Drive transmission in motor vehicles. 2,337,884; Dec. 28.
- Hagege, Otto P., Chicago, and O. Wack, Evanston, assignors to United States Gypsum Company, Chicago, Ill. Punching and cutting machine. 2,315,256; Mar. 30.
- Hager, Frank W., Lansing, assignor to General Motors Corporation, Detroit, Mich. Mass centering machine. 2,315,998; Apr. 6.
- Haehnel, Wolfram. (See Herrmann, W. O., and Haehnel.)
- Haehnel, Wolfram. (See Herrmann, W. O., Haehnel, and Deutsch.)
- Haemmerling, Friedrich. (See Buch, R., and Haemmerling.)
- Haensel, Vladimir. (See Ipatieff, V. N., and Haensel.)
- Haensel, Vladimir, and V. N. Ipatieff, Riverside, assignors to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,335,246; Nov. 30.
- Haff, Raymond E. T., Greenville, Del., J. C. Creadick, and T. F. Banigan, Kenmore, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ornamentation. 2,331,974; Oct. 19.
- Haffner, Harold J., St. Louis, G. A. Siegelman, Overland, Mo., and G. H. von Fuchs, Altan, Ill., assignors to Shell Development Company, San Francisco, Calif. Method and composition for corrosion prevention. 2,324,577; July 20.
- Hagelin, Boris C. W., Greenwich, Conn. Positive detent. 2,330,049; Sept. 21.
- Hagelin, William T., Chicago, Ill. Lithographic plate and making the same. 2,311,047; Feb. 16.
- Hagelstein, William, Arrochar, Staten Island, N. Y. Spring device. 2,330,120; Sept. 21.
- Hageman, Herman E., trustee. (See Fox, Robert A., assignor.)
- Hageman, Louis F., Lewiston, assignor to American Sales Book Company Inc., Niagara Falls, N. Y. Portable autographic register. 2,334,324; Nov. 16.
- Hagemeyer, Henry F., assignor to Castings Patent Corporation, Chicago, Ill. Supporting plastic articles. 2,311,942; Feb. 23.
- Hagen, Carl. (See Rowe, W. J., and Hagen.)
- Hagen, Harold F., Wellesley, assignor to B. F. Sturtevant Company, Boston, Mass. Spin neutralizing vane. 2,308,685; Jan. 19.
- Hagen, Harold F., Wellesley, assignor to B. F. Sturtevant Company, Boston, Mass. Centrifugal fan. 2,322,357; June 22.
- Hagen, Harold F., Wellesley, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Propeller fan. 2,327,841; Aug. 24.
- Hagen, Wolfgang, Berlin, Germany; vested in the Alien Property Custodian. Anticoupled amplifier. 2,313,014; Mar. 2.
- Hagen, Wolfgang, Berlin, Germany; vested in the Alien Property Custodian. Carrier frequency telephone system. 2,323,033; June 29.
- Hagen, Wolfgang, Berlin, Germany; vested in the Alien Property Custodian. Carrier frequency system. 2,328,450; Aug. 31.
- Hagenbook, Loy D., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,327,305; Aug. 17.
- Hagendorn, Joseph E. (See Vervoren, Jean, assignor.)
- Hagenguth, Julius H., Pittsfield, Mass., assignor to General Electric Company. Impulse tester. 2,324,835; Aug. 20.
- Hagerly, Joseph W., Detroit, assignor to Universal Products Company, Incorporated, Dearborn, Mich. Boot for universal joints. 2,308,073; Jan. 12.
- Hagerup-Larsen, Georg, New York, N. Y.; vested in the Alien Property Custodian. Aluminum furnace. 2,330,376; Sept. 28.
- Hagg, Arthur C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thrust-bearing means. 2,320,927; June 1.
- Haggard and Marcusson Co. (See Sark, Ward T., assignor.)
- Haggenold, Walter K., and F. L. Butler, Amarillo, Tex. Military game. 2,316,802; Apr. 20.
- Haggart, John C., Jr., Westfield, N. J., assignor to Signal Service Corporation. Road marker. 2,317,684; Apr. 27.
- Haggerty, Joseph F., Scranton, Pa. Cleat for shoes. 2,308,074; Jan. 12.
- Hagness, John, assignor to R. W. Edwards, Los Angeles, Calif. Screw-holding screw driver. 2,324,153; July 13.
- Hagopian, Charles H., New York, N. Y. Melodion. 2,323,975; Aug. 20.
- Hagstrom, Joseph E., assignor to C. H. Hovey, trustee, Kansas City, Mo. Mechanical coin changer. 2,322,234; June 22.
- Hagstrom, Joseph E., and O. C. Olsen, assignors to C. Earl Hovey, trustee, Kansas City, Mo. Portable bottle vendor. 2,317,143; Apr. 20.
- Hagstrom, Joseph E., and O. C. Olsen, assignors to C. Earl Hovey, Kansas City, Mo., as trustee. Refrigerated portable bottle vendor. 2,327,520; Aug. 24.
- Hague, Alfred E., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,331,391; Oct. 12.
- Hahn, Arthur, Ballingen, Germany; vested in the Alien Property Custodian. Weighing machine. 2,312,406; Mar. 2.
- Hahn, Arthur, Ballingen, Germany; vested in the Alien Property Custodian. Printing scale. 2,317,760; Apr. 27.
- Hahn, Arthur, Ballingen, Germany; vested in the Alien Property Custodian. Printing device for weighing machines. 2,320,592; June 1.
- Hahn, Clarence C., assignor to Gohl Bros. Mfg. Co., West Bend, Wis. Stoker. 2,308,075; Jan. 12.
- Hahn, Erwin, assignor to Aktiengesellschaft Adolph Sauter, Arbon, Switzerland. Injection pump. 2,322,356; June 22.
- Hahn, Herbert L., Doylestown, Ohio. Apparatus for loading containers. 2,321,200; June 8.
- Hahn, Hilda S., Cleveland, Ohio. Adjustable dress and shroud. 2,335,667; Nov. 30.
- Hahn, Joel, Beatrice, Nebr. Piler type wrench. 2,325,245; July 27.
- Hahn, John H., assignor to Monsanto Chemical Company, St. Louis, Mo. Catalysts resulting from hydrolysis of alloys of catalytic metals and hydrolyzable metals. 2,328,140; Aug. 31.
- Hahn, Otto W., assignor to Industrial Research Laboratories Ltd., San Francisco, Calif. Gas pilot burner. 2,312,834; Mar. 2.
- Hahn, Paul T., Detroit, Mich., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,312,641; Mar. 2.
- Hahn, Paul T., assignor to The Hoover Company, North Canton, Ohio. Electric motor cooling. 2,322,932; June 29.
- Hahnemann, Charles D., San Francisco, Calif. Paper carton. 2,333,715; Nov. 8.
- Haidler, John V. (See Barrows, A. C., and Haidler.)
- Haffey, Jerome H., Los Angeles, Calif. Airplane toy. 2,334,760; Nov. 23.
- Halfey, Leroy, and L. F. Hemphill, Fort Wayne, Ind., assignors to General Electric Company. Brush rigging. 2,324,289; July 13.
- Haig, Paul, assignor to Inland Steel Company, Chicago, Ill. Roll-polishing apparatus. 2,329,530; Sept. 14.
- Haig, Paul, assignor to Inland Steel Company, Chicago, Ill. Article-charging machine. 2,331,392; Oct. 12.
- Haigh, Leslie B., and L. Kozma, Antwerp, Belgium, assignors to International Standard Electric Corporation. Telecommunication system. 2,316,238; Apr. 13.
- Haigh, Vaughn, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission control. 2,314,042; Mar. 16.
- Haigh, Vaughn, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,317,761; Apr. 27.
- Haim, Georg, and E. J. Rogers, assignors to Arc Manufacturing Company Limited, London, England. Welding rod or electrode. 2,337,714; Dec. 28.

- Hain, James C., Los Angeles, Calif. Building wall. 2,311,170; Feb. 16.
- Haines, Atwell B., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Static frequency changing system. 2,309,586; Jan. 26.
- Haines, Charles J. (See Hains, D. B., and Haines.)
- Haines, Isidor, and B. Klein, New York, N. Y. Signet locket-ring. 2,308,915; Jan. 19.
- Haines, John E. (See Miller, L. B., McGrath, and Haines.)
- Haines, John E., G. F. Laing, and S. W. Nickells, Chicago, Ill., assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Damper controller. 2,310,364; Feb. 9.
- Haines, Thomas N., Philadelphia, assignor of one-half to Karl Legner, Rydal, Pa. Fluid pump or motor. 2,318,386; May 4.
- Hainke, Ray H., Kensington, Kans. Lawn mower. 2,308,076; Jan. 12.
- Hains, Daniel B., Bayville, N. Y., assignor to Winner Manufacturing Company, Inc., Trenton, N. J. Water ski binding. 2,327,783; Aug. 24.
- Hains, Daniel B. and C. J. Haines, assignors to Winner Manufacturing Company, Inc., Trenton, N. J. Life raft. 2,333,375; Nov. 2.
- Haislip, Albert S., Fredericksburg, Va. Fish handling and scaling clamp. 2,312,160; Feb. 23.
- Haisa, George, Manufacturing Co. Inc. (See Bosworth, William H., assignor.)
- Hait, James M., San Gabriel, assignor to Food Machinery Corporation, San Jose, Calif. Bogie wheel. 2,337,991; Dec. 28.
- Hajos, Eugene, Jamaica Estates, Long Island, N. Y., assignor to Radio Corporation of America. Long dash interrupter. 2,332,142; Oct. 19.
- Hake, Donald S., and H. D. Prior, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Treatment of zirconium oxide. 2,315,519; Apr. 6.
- Hake, Donald S., and H. D. Prior, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Preparation of zirconium oxide. 2,315,520; Apr. 6.
- Hake, Elmer C. (See Heed, S. D., and Hake.)
- Hakki, Ismail, New York, N. Y. Electrode holder. 2,325,394; July 27.
- Halbach, Howard L., and W. G. Koupal, Clarksburg, W. Va., and William Owen, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company. Blanket feeder for glass drawing tanks. 2,327,887; Aug. 24.
- Halbig, Frederick G., Chapequet, R. I. Ornamental display for tip end of antenna rods. 2,329,046; Sept. 7.
- Haleco Chemical Corp. (See Hanks, Elden W., assignor.)
- Haldeman, James F., Indianapolis, Ind. Aquarium water conditioning device. 2,335,756; Nov. 30.
- Hale, Andrew, Akron, Ohio. Process and apparatus for the preparation of rubber compounds. 2,319,859; May 25.
- Hale, Arthur N., Stratford, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Ornamental seam sewing machine. 2,308,485; Jan. 12.
- Hale, Arthur N., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle-vibrating mechanism for sewing machines. 2,310,176; Feb. 2.
- Hale, Arthur N., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,317,762; Apr. 27.
- Hale, Arthur N., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,322,207; June 22.
- Hale, Arthur N., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle-actuating mechanism for zigzag-stitch sewing machines. 2,324,836; July 20.
- Hale, Arthur N., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,329,160; Sept. 7.
- Hale, Charles B. (See Van Tuyl, T., and Hale.)
- Hale, Charles B., assignor to Gear Specialties, Chicago, Ill. Preloaded gears. 2,310,232; Feb. 9.
- Hale, Danforth R., Madison, N. J., assignor to Radio Corporation of America. Luminescent material. 2,314,609; Mar. 23.
- Hale, James E., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Pneumatic tire and rim assembly. 2,324,994; July 20.
- Hale, Jesse W., Newton, Mass. Change speed device. 2,325,273; Aug. 31.
- Hale, Keller W., Norwood, Ohio. Clothes pressing machine. 2,307,370; Jan. 5.
- Hale, Kermit M., Richmond, Va. Blackout hood. 2,326,354; Aug. 10.
- Hale, Walter S. (See Balls, Arnold K., and Hale.)
- Hale, William. (See Hall, Mount C., assignor.)
- Halen, Charles A., San Diego, Calif. Hair cutting comb apparatus. 2,325,246; July 27.
- Haley, Hugh D., Drexel Hill, Pa., assignor to American Viscose Corporation, Wilmington, Del. Funnel. 2,320,590; June 1.
- Haley, Hugh D., Drexel Hill, Pa., assignor to American Viscose Corporation, Wilmington, Del. Spinning funnel. 2,320,591; June 1.
- Haley, Hugh D., Drexel Hill, Pa., assignor to American Viscose Corporation, Wilmington, Del. Centrifugal bucket. 2,323,712; July 6.
- Haley, Hugh D., Drexel Hill, Pa., assignor to American Viscose Corporation, Wilmington, Del. Spinning machine control apparatus. 2,332,314; Oct. 19.
- Halferty, John C., assignor to The Steel Scaffolding Company, Inc., Evansville, Ind. Scaffold unit. 2,316,952; Apr. 20.
- Halford, Frank B., Edgware, and A. L. Catford, Hampton, assignor to D. Napier & Son, Limited, London, England. Apparatus for the control of the ignition of internal combustion engines. 2,322,690; June 22.
- Halfvarson, Gustaf A., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,313,472; Mar. 9.
- Halin, Jules E., Drummondville, Quebec, Canada, assignor to Canadian Corporation of America. Yarn twisting. 2,323,991; July 13.
- Halitsky, Edward. (See Axler, M. H., and Halitsky.)
- Hall, Arthur E. (See Betterton, J. O., Lebedeff, and Hall.)
- Hall Brothers, Incorporated. (See Fowler, William R., Jr., assignor.)
- Hall, Burton C., Mansfield, Conn. Level. 2,314,209; Mar. 16.
- Hall, Carlos and F., assignors of twenty-five per cent to H. H. Hallatt and twenty-five per cent to O. A. Chabrand, Mexico City, Mexico. Washer placing machine. 2,314,494; Mar. 23.
- Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener member. 2,318,853; May 11.
- Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener and fastener installation. 2,329,894; Sept. 21.
- Hall, Charles L., and George F. Cram, Detroit, Mich., assignors to The United-Carr Fastener Corporation, Cambridge, Mass. Socket device. 2,317,100; Apr. 20.
- Hall, Charles W., assignor to M. S. Losey, Denver, Colo. Rotary valve. 2,319,733; May 18.
- Hall, Chester I., Rextford, N. Y., assignor to General Electric Company. Electric heater. 2,324,837; July 20.
- Hall, Clarence A., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Storage battery retainer. 2,335,757; Nov. 30.
- Hall, David G., Newport, England. Appliance for mixing and distributing liquid disinfectants or other fluids. 2,320,128; May 25.
- Hall, Earl C., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Removing metal coatings from bases. 2,316,579; Apr. 13.
- Hall, Edward S., Seattle, Wash. Guard for roller window blinds. 2,337,715; Dec. 28.
- Hall, Edwin L., Philadelphia, Pa., assignor to The United Gas Improvement Company, Inc., New York, N. Y. Recovery of valuable hydrocarbons. 2,335,855; Dec. 7.
- Hall, Elisha W., Scituate, Mass. Rotary abrading tool. 2,309,951; Feb. 2.
- Hall, Elwin B., et al. (See Rhoads, Roy M., assignor.)
- Hall, Eric E., deceased, Chicago, Ill.; R. E. Hall, administratrix. Nut lock. 2,336,094; Dec. 7.
- Hall, Erik H., Wilkinsburg, and R. H. Leitzel, Forest Hill, Ernest A., assignor to The Hall Manufacturing Company, Toledo, Ohio. Portable valve seat grinding means. 2,318,854; May 11.
- Hall, Fernando. (See Hall, Carlos and F.)
- Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,310,779; Feb. 9.
- Hall, Flemmon P., assignor to Onondaga Pottery Company, Syracuse, N. Y. Deflocculant for clays. 2,337,597; Dec. 28.
- Hall, Flemmon P., assignor to Onondaga Pottery Company, Syracuse, N. Y. Lowering the gravity and increasing casting rate of clay slips. 2,337,598; Dec. 28.
- Hall, Flemmon P., assignor to Onondaga Pottery Company, Syracuse, N. Y. Rendering clays filterable. 2,337,599; Dec. 28.
- Hall, Frances C., Mamaroneck, N. Y. Making hollow molded objects from organic plastic material. 2,317,763; Apr. 27.
- Hall, Frank G., Chicago, Ill. Electric home permanent waver. 2,326,141; Aug. 10.
- Hall, Franklin E., Chicago, Ill. Therapeutic machine. 2,319,542; May 18.
- Hall, George E. (See Walton, J. C., and Hall.)
- Hall, George W., Kansas City, Kans. Alarm clock electric switch. 2,309,065; Jan. 19.
- Hall, George W., Leominster, Mass., assignor, by mesne assignments, to Aluminum Company of America. Bottle capper. 2,327,262; Aug. 17.
- Hall, Harold F., Harrod, Ohio. Corn plow attachment. 2,329,609; Sept. 14.
- Hall, Harry C., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Time switch. 2,313,064; Mar. 9.
- Hall, Harry C., et al. (See MacKenzie, N. T., and Hall.)
- Hall, Harry M., Akron, Ohio, assignor of fifty per cent to J. S. Applegate, Wellsburg, W. Va., and twenty-seven and one-half per cent to Orpha E. Lyda, Canton Ohio. Manually operated propelling means for boats and the like. 2,335,211; Nov. 23.

- Hall, Harvey H., Denver, Colo. Electrode holder. 2,324,924; July 20.
- Hall, Howard W., Seattle, Wash., assignor to The Dialite Company, Los Angeles, Calif. Treatment of paint fillers and pigments. 2,336,728; Dec. 14.
- Hall, James E., Columbus, Ohio. Method and apparatus for weatherproofing aggregate and the like. 2,313,820; Mar. 16.
- Hall, James R., Chester, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade locking piece. 2,315,616; Apr. 6.
- Hall, James V., Decatur, Ga. Combination ledger and statement. 2,314,195; Mar. 23.
- Hall, Jesse E., Los Angeles, assignor to Pacific Pump Works, Huntington Park, Calif. Pump. 2,309,897; Feb. 2.
- Hall, Jesse P., Bartow, Fla., assignor to Industrial Patents Corporation, Chicago, Ill. Vibrating screen. 2,319,901; May 25.
- Hall, John A., Summit, and J. W. Schmidt, Madison, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic teletypewriter operation. 2,310,428; Feb. 9.
- Hall, John W., Conemaugh Township, Somerset County, assignor to National Radiator Company, Johnstown, Pa. Grate bar lock. 2,337,100; Dec. 21.
- Hall, Joseph M., Chicago, Ill., assignor to Drying & Concentrating Company. Method of and apparatus for concentrating liquid products. 2,326,142; Aug. 10.
- Hall, Joseph M., and H. E. Tucker, Chicago, Ill. Change speed mechanism. 2,321,672; June 15.
- Hall, Joseph R., Brooklyn, N. Y. Auxiliary air admission valve. 2,331,393; Oct. 12.
- Hall Laboratories, Inc. (See Butzler, Edward W., as signor.)
- Hall Laboratories, Inc. (See Rice, O., and Hatch, as signors.)
- Hall Laboratories, Inc. (See Schwartz, Charles, as signor.)
- Hall, Lloyd A. (See Griffith, C. L., and Hall.)
- Hall, Lloyd A., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Yeast food. 2,321,673; June 15.
- Hall Manufacturing Company, The. (See Hall, Ernest A., assignor.)
- Hall, Marchand B., assignor to Acme Visible Records, Inc., Chicago, Ill. Record card holder. 2,322,143; Oct. 19.
- Hall, Mount C., Weedsbury, assignor of one-half to W. Hale, Drift, Ky. Mine trap door. 2,337,716; Dec. 28.
- Hall, Nathaniel L., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selecting system. 2,320,076; May 25.
- Hall, Nathaniel L., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selection system. 2,326,458; Aug. 10.
- Hall, Ralph W. (See Jackson, E. H., and Hall.)
- Hall, Ralph W., assignor to The Randall Company, Cincinnati, Ohio. Finishing panel mounting means. 2,337,239; Dec. 21.
- Hall, Robert, Lockport, assignor to American District Steam Company, North Tonawanda, N. Y. Continuous service expansion joint. 2,319,543; May 18.
- Hall, Robert, Lockport, and H. R. Rhodes, assignors to American District Steam Company, North Tonawanda, N. Y. Packed type expansion joint. 2,323,179; June 29.
- Hall, Robert K. (See Hansen, M., and Hall.)
- Hall, Ruth E., administratrix. (See Hall, Eric E.)
- Hall, Selden H., Poughkeepsie, assignor to The Laval Separator Company, New York, N. Y. Machine for purifying liquids. 2,313,540; Mar. 9.
- Hall, Sydney H. (See Dent, H. M., Hall, and Sontag.)
- Hall, Vincent C., assignor to Eastman Kodak Company, Rochester, N. Y. Electro-optical system. 2,313,543; Mar. 9.
- Hall, Vincent C., and J. G. Streiffert, assignors to Eastman Kodak Company, Rochester, N. Y. Electro-optical color reproduction circuit. 2,313,542; Mar. 9.
- Hall, Walter A. (See Evans, J. L., and Hall.)
- Hall, Willard C., Jr., assignor to A. P. Daniels, Los Angeles, Calif. High intensity fluorescent lamp system. 2,318,072; May 4.
- Hall, Willard C., Jr., and E. L. Le Gette, assignors to A. P. Daniels, Los Angeles, Calif. Frequency doubler device. 2,313,938; Mar. 16.
- Hall, Willard C., Jr., and E. L. Le Gette, assignors to A. P. Daniels, Los Angeles, Calif. Lamp starter and maintenance device. 2,317,602; Apr. 27.
- Hall, Willard C., Jr., and E. L. Le Gette, assignors to A. P. Daniels, Los Angeles, Calif. High power factor high intensity lamp circuit. 2,337,992; Dec. 28.
- Hall, Willard C., Jr., and E. L. Le Gette, assignors to A. P. Daniels, Los Angeles, Calif. High power factor and high intensity lamp circuit. 2,337,993; Dec. 28.
- Hall, William A., San Acacio, Colo. Screen door insect trap. 2,327,421; Aug. 24.
- Hall, William B., assignor W. F. Noll, Fort Wayne, Ind. Range finder for photographers. 2,337,463; Dec. 21.
- Hall, William D., Elkins, W. Va. Fluid velocity measuring device. 2,314,877; Mar. 30.
- Hall, William J. (See Crowe, O. J., and Hall.)
- Hall, William J., assignor of one-half to O. J. Crowe, Detroit, Mich. Molding retainer. 2,319,678; May 18.
- Hall, William J., assignor to Herron-Zimmers Moulding Company, Detroit, Mich. Molding and manufacturing same. 2,337,387; Dec. 21.
- Hall, William P. G. (See Johnson, C. R., and Hall.)
- Hall, William P. G., Berwyn, Pa., and A. O. Bell, Leominster, Mass., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Continuous filament bristle feeding mechanism. 2,317,401; Apr. 27.
- Hallam, Cecil A., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Metallic telephone booth. 2,313,471; Mar. 9.
- Hallam, Cecil A., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone booth. 2,337,885; Dec. 28.
- Hallatt, Harry H., et al. (See Hall, Carlos and F., assignors.)
- Hallbauer, Otto, East Englewood, N. J. Illuminating device for pocketbooks. 2,316,419; Apr. 13.
- Halden, Erik E., Detroit, Mich. Drill. 2,334,089; Nov. 9.
- Hallden, Karl W., Thomaston, Conn. Flying cutting device. 2,327,106; Aug. 17.
- Halle Brothers Company, The. (See Parker, Charles F., assignor.)
- Hallad, Mervil, and P. R. Fechheimer, assignors to The Karl Klefer Machine Company, Cincinnati, Ohio. Tube filling means. 2,336,355; Dec. 7.
- Hallam, Frank A., Michigan City, Ind., assignor to Sullivan Machinery Company, Compressor. 2,312,335; Mar. 2.
- Hallonscheid, Gustave A., Los Angeles, Calif. Bathroom fixture and the like. 2,315,955; Apr. 6.
- Haller, Carl E. (See Knowles, D. D., and Haller.)
- Haller, Herbert L. J. (See Colman, W., and Haller.)
- Haller, Herbert L. J. (See Gertler, S. L., and Haller.)
- Haller, Herbert L. J. (See La Forge, F. B., and Haller.)
- Haller, Josef, Leverkusen I. G.-Werk, Germany, assignor to General Aniline & Film Corporation. 3,3-dihalo-nitrooxides. 2,335,273; Nov. 30.
- Halliburton Oil Well Cementing Company. (See Babcock, Earl, assignor.)
- Halliburton Oil Well Cementing Company. (See Botkin, John W., assignor.)
- Halliburton Oil Well Cementing Company. (See Hanes, Dean, assignor.)
- Halliburton Oil Well Cementing Company. (See Hart, Merida L., assignor.)
- Halliburton Oil Well Cementing Company. (See Lannahan, Thomas P., assignor.)
- Halliburton Oil Well Cementing Company. (See Losey, Thomas B., assignor.)
- Halliburton Oil Well Cementing Company. (See Potts, Ernest L., assignor.)
- Halliburton Oil Well Cementing Company. (See Savitz, Christian W., assignor.)
- Halliburton Oil Well Cementing Company. (See Wickersham, Newton W., assignor.)
- Halligan, John F. and R. H. Beardstown, Ill. Vertically rising flying device. 2,308,916; Jan. 19.
- Halligan, Russell H. (See Halligan, John F. and Russell H.)
- Hallinan, William W., Mendota, Ill. Stoker controlling system. 2,308,507; Jan. 19.
- Hallinan, William W., Mendota, Ill. Variable speed pulley. 2,308,655; Jan. 19.
- Hallinan, William W., Mendota, Ill. Combined air conditioning and heating unit. 2,323,034; June 29.
- Hallock, David H. (See Belt, C. B., and Halloek.)
- Halloek, Robert L., Larchmont, N. Y. Shelf, especially for refrigerators. 2,315,053; Mar. 30.
- Hallonquist, Earl G. (See Schlosser, P. H., Gray, and Hallonquist.)
- Halloran, William D., River Forest, assignor to Sears, Roebuck and Co., Chicago, Ill. Timing mechanism. 2,313,065; Mar. 9.
- Hallowell, Howard T., assignor to Standard Pressed Steel Co., Jenkintown, Pa. Self-locking setscrew. 2,314,274; Mar. 16.
- Hallowell, Howard Thomas, Jr., Jenkintown, assignor to Pennsylvania Manufacturing Company, Jenkintown, Pa. Assembling machine. 2,324,925; July 20.
- Hallows, Raymond L., and V. C. Walker, Joplin, Mo., assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Paint pigment composition. 2,330,050; Sept. 21.
- Hallquist, Einar G., Wallingford, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,317,377; Apr. 27.
- Hallwood, Nathan A. (See Polgar, A., and Halmos.)
- Halm, Alfred. (See Thommen, H., and Halm.)
- Halm, Alfred, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Gas blast circuit breaker. 2,318,939; May 11.
- Halmos, Charles. (See Holgar, A., and Halmos.)
- Hallwood, Nathan A. (See Polgar, A., and Halmos.)
- Halmst, Carl, Vancouver, British Columbia, Canada. Cutting machine. 2,319,128; May 11.
- Haloid Company, The. (See Yauck, E. C., and Dessauer, assignors.)
- Haloid Company, The. (See Dessauer, John, assignor.)
- Halperin, J. Stanley, et al. (See Wolfers, Phillip, assignor.)

- Halstead, Dorne N., Upper Montclair, N. J. Combination lid, opener, and pouring spout for containers. 2,333,781; Nov. 9.
- Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar bunch separating mechanism. 2,310,489; Feb. 9.
- Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Duplex crimper. 2,331,905; Oct. 19.
- Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Crimper mechanism. 2,331,906; Oct. 19.
- Halstead, John H., San Jose, Calif. Hydraulic packing. 2,326,555; Aug. 10.
- Halstead, Ralph T. (See Bruce, D. S., Halstead, and Douglas.)
- Halstead, Ralph T., Somerville, N. J., assignor to John-Manville Corporation, New York, N. Y. Curving material. 2,327,706; Aug. 24.
- Haltenberger, Jules, Ann Arbor, Mich. Automobile hood. 2,332,377; Oct. 19.
- Haltenberger, Jules, Ann Arbor, Mich. Suspension means for automobile transmissions. 2,328,141; Aug. 31.
- Haltenberger, Jules, Ann Arbor, Mich. Automobile. 2,335,058; Nov. 23.
- Haltmeier, Alfred, Bergisch-Gladbach, Germany; vested in the Alien Property Custodian. Recovering ammonia from used cuprammonium artificial silk precipitation liquors. 2,315,201; Mar. 30.
- Halvorsen, Alfred, assignor, by mesne assignments, to Boeing Aircraft Company, Seattle, Wash. Anodizing rivet. 2,331,071; Oct. 5.
- Halvorsen, Arthur L. (See Davie, P., and Halvorsen.)
- Halvorsen, Cromwell A. B., Lynn, Mass., assignor to General Electric Company. Luminaire. 2,327,186; Aug. 17.
- Han, Garnet P., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of high concentrated fixing and hardening sirups. 2,311,293; Feb. 16.
- Han, Garnet P., Old Greenwich, and R. B. Barnes, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Bluing coal. 2,312,898; Mar. 2.
- Hamann, William, Irondequoit, N. Y., assignor to United Shoe Machinery Corporation, Flemington, N. J. Edge setting machine. 2,326,892; Aug. 17.
- Hamblet, Marcia C., New York, N. Y. Multiple wick candle and making same. 2,310,019; Feb. 2.
- Hamblet, Marcia C., Kew Gardens, N. Y. Candle base and assembly. 2,330,705; Sept. 28.
- Hamblin, Clyde M., Washington, D. C. Flower holder. 2,333,561; Nov. 2.
- Hambly, Allen E., Montebello, assignor to Byron Jackson Co., Vernon, Calif. Pipe tong. 2,329,196; Sept. 14.
- Hamburger, Walter J., Dedham, assignor to H. Schindler & Co., Inc., Canton, Mass. Fishline package. 2,312,899; Mar. 2.
- Hamer, Frances M., and R. J. Rathbone, Wexlstone, Harrow, England, assignors to Eastman Kodak Company, Rochester, N. Y. Dye and photographic emulsion containing the same. 2,322,015; June 15.
- Hammersley Manufacturing Company. (See Fairbanks, Sumner C., assignor.)
- Hammersley Manufacturing Company, The. (See Thor, Nils G., assignor.)
- Hamill, James West Orange, N. J. Vacuum pan. 2,312,407; Mar. 2.
- Hamilton, Bertis F., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Bottle carrier. 2,334,409; Nov. 16.
- Hamilton, Cliff S., Lincoln, Nebr., assignor to Parke, Davis & Company, Detroit, Mich. Organic arsenic compounds. 2,331,833; Oct. 12.
- Hamilton, Edwina W., Lubbock, Tex. Traveling case for portable radio receivers. 2,328,012; Aug. 31.
- Hamilton, Francis C., Chattanooga, Tenn., assignor of one half to Ray Schuessler, St. Louis, Mo. Bottling machine. 2,324,578; July 20.
- Hamilton, Francis E. (See Lake, C. C., and Hamilton.)
- Hamilton, George. (See Pavloff, P., and Hamilton.)
- Hamilton, George H., assignor to American Seating Company, Grand Rapids, Mich. Chair. 2,336,013; Dec. 7.
- Hamilton, John G., Orleans County, La. Fastener for wallboard units. 2,319,129; May 11.
- Hamilton, Lloyd L., Oklahoma City, Okla. Power actuator and control for hydraulic brakes. 2,317,604; Apr. 27.
- Hamilton, Lyle A. (See Berger, H. G., Hamilton, and Fuller.)
- Hamilton, Lyle A. (See Fuller, E. W., and Hamilton.)
- Hamilton, Lyle A. (See Moran, R. C., Reid, and Hamilton.)
- Hamilton, Lyle A., and R. C. Moran, Wenonah, and A. R. Cattell, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral wax composition. 2,331,469; Oct. 12.
- Hamilton Manufacturing Company. (See Duboc, W. A., Scheuer, and Christensen, assignors.)
- Hamilton Manufacturing Company. (See Froelich, George E., assignor.)
- Hamilton, Martin L. (See Swallen, L. C., and Hamilton.)
- Hamilton, Merrill V. (See Gardner, W. R., and Hamilton.)
- Hamilton Metal Products Company, The. (See Piker, Herbert M., assignor.)
- Hamilton, Perry H., Baltimore, Md., assignor, by mesne assignments, to Poor & Company, Chicago, Ill. Tie plate interlocking two-way rail anchor. 2,325,851; Aug. 3.
- Hamilton Watch Company. (See Luckey, George P., assignor.)
- Hamilton Watch Company. (See Pease, Harold C., assignor.)
- Hamilton Watch Company. (See Wolfe, Bruce E., assignor.)
- Hamilton, William, S. H., Larchmont, and K. B. Rowell, New York, N. Y., assignors to The New York Central Railroad Company. Fuel and water controller for boilers or steam generators. 2,324,695; July 20.
- Hamlin, Jerome J., assignor to Herbert Wilkinson, South Haven, Mich. Receptacle. 2,329,758; Sept. 21.
- Hamlin, Jerry F., Medford, Ore. Determining the sex of chicks. 2,318,687; May 11.
- Hamlin, Walter E., assignor to The Cleveland Shopping News Company, Cleveland, Ohio. Printing-surface selector control. 2,307,264; Jan. 5.
- Hamlink, Laszbeny C., Cleveland Heights, assignor to The Gas Machinery Company, Cleveland, Ohio. Industrial furnace. 2,316,880; Apr. 13.
- Hamm, Alexander L., assignor to Combustion Engineering Company, Inc., New York, N. Y. Apparatus for the recovery of chemicals from black liquor. 2,319,399; May 18.
- Hamm, Douglas W., assignor to Muskegon Piston Ring Company, Muskegon, Mich. Piston ring. 2,319,454; May 18.
- Hamm, Edward C. (See Shaffer, D. U., and Hamm.)
- Hamm, Homer A., Meadville, Pa., assignor to Talon Inc. Color treatment of slide fasteners. 2,334,000; Nov. 9.
- Hamm, Homer A., Meadville, Pa., assignor to Talon, Inc. Slide fastener. 2,335,668; Nov. 30.
- Hammond, Lowell F., Washington, D. C. Toggle joint. 2,313,197; Mar. 9.
- Hammond, Lowell F., Chicago, Ill., assignor to N. L. Eiten, Waterloo, Iowa. Constant pressure wringer. 2,314,990; Mar. 30.
- Hammond, Lowell F., Washington, D. C. Mechanical movement. 2,328,552; Sept. 7.
- Hammarén, Berndt W. (See Bachman, P. W., and Hammarén.)
- Hammarlund Manufacturing Company, The. (See Keith, Walter S., assignor.)
- Hammarstrom, Charles J. R., Richmond Hill, N. Y. Container. 2,317,269; Apr. 20.
- Hammell, Kemper M., assignor to The Swartzbaugh Manufacturing Company, Toledo, Ohio. Fuel feed control. 2,320,457; June 1.
- Hammell, Kemper M., assignor to The Swartzbaugh Manufacturing Company, Toledo, Ohio. Interlocking mechanism for electric switches. 2,328,801; Sept. 7.
- Hammer, Bernard W. (See Lane, C. B., and Hammer.)
- Hammer-Bray Company, Ltd. (See McCurtain, Einsel L., assignor.)
- Hammer, Irvin G., Washington, D. C., assignor to Underwood, Elliott Fisher Company, New York, N. Y. Accounting machine. 2,323,786; July 6.
- Hammerstein, Arthur, Great Neck, N. Y. Dispensing device. 2,316,516; Apr. 13.
- Hammerstrom, Karl R., Dormont, Pa., assignor to United States Steel Corporation of Delaware. Truck bolster. 2,335,509; Nov. 30.
- Hammett, David M., San Marino, assignor to Axelson Manufacturing Co., Los Angeles, Calif. Valve construction. 2,308,876; Jan. 19.
- Hammond Bag & Paper Company. (See Springborn, John F., assignor.)
- Hammond, Grant, West Haven, assignor to Auto-Ordinance Corporation, Bridgeport, Conn. Firearm bolt stop. 2,322,695; July 27.
- Hammond Instrument Company. (See Hammond, L., and (George, assignor).)
- Hammond Instrument Company. (See Hammond, L., and (Hanert, assignor).)
- Hammond Instrument Company. (See Hanert, John M., assignor.)
- Hammond, John H., Jr., Gloucester, Mass. Variable pitch propeller controlled by wake. 2,307,039; Jan. 5.
- Hammond, John H., Jr., Gloucester, Mass. Variable pitch propeller control. 2,307,040; Jan. 5.
- Hammond, John H., Jr., Gloucester, Mass. Remote speed control. 2,307,583; Jan. 5.
- Hammond, John H., Jr., Gloucester, Mass. Propeller control system. 2,321,024; June 8.
- Hammond, John H., Jr., Gloucester, Mass. Propeller control mechanism. 2,321,025; June 8.
- Hammond, John H., Jr., Gloucester, Mass. Propeller control mechanism. 2,321,026; June 8.
- Hammond, John H., Jr., Gloucester, Mass. Propeller control system. 2,321,381; June 8.
- Hammond, John H., Jr., Gloucester, Mass. Automatic ignition and gas shutoff mechanism. 2,323,767; July 6.
- Hammond, John H., Jr., Gloucester, Mass. Signaling system. 2,334,552; Nov. 16.
- Hammond, John H., Jr., Gloucester, Mass., assignor to Radio Corporation of America, New York, N. Y. Radiant energy signaling system. 2,312,093; Feb. 23.

- Hammond, Joseph W., assignor to Olney & Carpenter, Inc., Welcott, N. Y. Potato dressing apparatus. 2,316,953; Apr. 20.
- Hammond, Laurens, Chicago, Ill. Electrical musical instrument. 2,314,496; Mar. 23.
- Hammond, Laurens, and T. J. George, said George assignor to Hammond Instrument Company, Chicago, Ill. Electrical musical instrument. 2,323,392; July 6.
- Hammond, Laurens, Chicago, and J. M. Hanert, Wilmette, said Hanert assignor to Hammond Instrument Company, Chicago, Ill. Electrical musical instrument. 2,332,072; Oct. 19.
- Hammond, Maurice, Liberty Mills, Ind. Barber's scissors. 2,328,975; Sept. 7.
- Hammond, Percy D., Danbury, Conn. Molded cushion. 2,316,987; Apr. 13.
- Hanner, Samuel A., Los Angeles, Calif. Marking device. 2,333,710; Nov. 9.
- Hansen, Victor M., East Los Angeles, Calif. Jar. 2,307,927; Jan. 12.
- Hampe, Friedrich. (See Fehrlé, A., Oesterlin, Hermann, and Hamppe.)
- Hampel, Clifford A., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of chlorine dioxide by reaction of chlorides and aldehydes. 2,323,591; July 6.
- Hampel, Clifford A., and M. C. Taylor, Niagara Falls, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of chlorine dioxide. 2,323,593; July 6.
- Haupt, Edwin, Gothenburg, assignor to Fabriksaktiebolaget Haldtatantern, Halmstad, Sweden. Generating device for the cutting of sheet-metal disks. 2,330,577; Sept. 26.
- Hampton, Burr L. (See Hasselstrom, T., and Hampton.)
- Hampton, Fred, Bellows, assignor to Zimors Bed Spring Corporation, Brooklyn, N. Y. Spring mattress structure. 2,324,258; July 13.
- Hampton, Harold D., U. S. Army, Aberdeen Proving Ground, Md. Portable welding screen. 2,335,274; Nov. 30.
- Hampton, Julius B., Resemer, Ala. Article turning machine. 2,313,544; Mar. 9.
- Hampton, Leon N., New York, N. Y., and G. G. Smith, Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling device. 2,325,952; Aug. 3.
- Hampton, Weldon O., Chicago, and E. S. Cornell, Evanson, assignors to The Delta Star Electric Company, Chicago, Ill. Terminator. 2,316,420; Apr. 13.
- Hanren, Eric O., assignor to Panborn Corporation, Hagerstown, Md. Tumbling barrel. 2,328,553; Sept. 7.
- Hansen, Joseph O., Minneapolis, Minn. Fluid motor. 2,316,788; Apr. 20.
- Hanway, Edward G. (See Lott, de F., Grinsfelder, and Hanway.)
- Hannu, Henry J., assignor to Badger Carton Company, Milwaukee, Wis. Coat hanger. 2,328,142; Aug. 31.
- Hanawalt, Joseph D., and J. S. Peake, assignors to The Dow Chemical Company, Midland, Mich. Production of metallic magnesium. 2,308,418; Jan. 12.
- Hanchett, Harold, et al. (See Hubacker, Earl F., assignor.)
- Hancock, William G., Detroit, Mich. Reciprocating electromagnet motor. 2,328,337; Aug. 31.
- Hancock Manufacturing Company. (See De Orlow, Stephen, assignor.)
- Hancock Manufacturing Company. (See King, Theodore N., assignor.)
- Hancock Manufacturing Company. (See Marple, Rollo, assignor.)
- Hancock Oil Company of California. (See Hancock, William T., assignor.)
- Hancock, Reynolds, Dayton, and A. Harris, Bellevue, Ky. Electric box holder. 2,309,189; Jan. 26.
- Hancock, Virgil H., Columbia, La., and R. W. Bennett, Chicago, Ill. Eye testing device. 2,325,589; July 27.
- Hancock, William T., Long Beach, Calif. Refining and treating cracked hydrocarbons. 2,308,172; Jan. 12.
- Hancock, William T., Long Beach, Calif. Polymerizing and cracking petroleum hydrocarbons. 2,310,630; Feb. 9.
- Hancock, William T., assignor to Hancock Oil Company of California, Long Beach, Calif. Treating petroleum hydrocarbons. 2,316,954; Apr. 20.
- Hancock, William T., assignor to Hancock Oil Company of California, Long Beach, Calif. Cracking of light petroleum stocks. 2,319,926; May 25.
- Hand, Frederick E., Canton, Ill., assignor to International Harvester Company. Dispensing mechanism. 2,332,713; Oct. 26.
- Hand, Frederick E., Canton, Ill., assignor to International Harvester Company. Making planter runners. 2,334,923; Nov. 23.
- Hand, Frederick E., Canton, Ill., assignor to International Harvester Company. Tractor-mounted implement. 2,337,749; Dec. 23.
- Hanel, Stanley T., New York, N. Y., assignor to The Verplex Company, Essex, Conn. Record holder. 2,313,821; Mar. 16.
- Handley, George F., Glendale, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,307,268; Jan. 5.
- Handley, George F., Glendale, and W. O. Michelson, Woodhaven, assignors to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,311,227; Feb. 16.
- Handley, George F., Glendale, and W. O. Michelson, Woodhaven, assignors to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,334,261; Nov. 16.
- Handren, Frederick C. (See Saunders, W. S., and Handren.)
- Handy, Arthur E. (See Lindquist, D. L., Handy, and Lewis.)
- Handy, Arthur E., Lynbrook, assignor to Otis Elevator Company, New York, N. Y. Stock line indicator. 2,316,955; Apr. 20.
- Handy Bed Company. (See Leven, Richard R., assignor.)
- Handy Manufacturing Company. (See Bergstrom, Oscar, assignor.)
- Hanert, John M. (See Hammond, L., and Hanert.)
- Hanert, John M., Wilmette, assignor to Hammond Instrument Company, Chicago, Ill. Electrical musical instrument. 2,310,129; Feb. 9.
- Hanes, Dean, assignor to Halliburton Oil Well Cementing Company, Duncun, Okla. Pump out equalizing valve. 2,332,144; Oct. 19.
- Haney, Clifford I., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Filter treatment. 2,330,211; Sept. 28.
- Haney, Clifford I., and M. E. Martin, Cumberland, Md., assignors to Celanese Corporation of America. Production of cellulose esters. 2,329,717; Sept. 21.
- Haney, Clifford I., and M. E. Martin, Cumberland, Md., assignors to Celanese Corporation of America. Cellulose esters. 2,329,718; Sept. 21.
- Hanford, Clifford A., Pendleton, Oreg. Hunting garment. 2,324,154; July 13.
- Haney, Stanley C., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Catalytic hydrogenation. 2,314,112; Mar. 16.
- Hanf, Charles A., Bronx, N. Y. Hairpin vending machine. 2,311,749; Feb. 23.
- Hanford, Raymond C., Aurora, Ohio. Work scheduling means. 2,314,275; Mar. 16.
- Hanford, Raymond C., Aurora, Ohio. Work scheduling apparatus. 2,314,276; Mar. 16.
- Hanford, William E. (See Christ, R. E., and Hanford.)
- Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric material. 2,312,066; Mar. 2.
- Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process and product. 2,312,967; Mar. 2.
- Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of long chain organic isocyanates. 2,319,057; May 11.
- Hanford, William E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of alpha-cyano-butadiene. 2,334,192; Nov. 16.
- Hanford, William E. and W. E. Mechel, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vinyl esters of tertiary carboxylic acids. 2,310,780; Feb. 9.
- Hanford, William E. and P. L. Salzburg, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polythiourea. 2,313,871; Mar. 16.
- Hanford, William E. and R. S. Schreiber, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Formaldehyde-crotonaldehyde condensation product. 2,317,456; Apr. 27.
- Hanford, William E. and R. H. Wiley, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making 12-ketostearamide. 2,320,232; May 25.
- Hanford, William E. and R. S. Schreiber, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of straight chain hydroxy compounds having at least six carbon atoms. 2,334,761; Nov. 23.
- Hanger, Arnold. (See Parker, L. F., and Hanger.)
- Hanhart, Walter. (See Straub, F., and Hanhart.)
- Hanisch, Arthur, et al. (See Walliser, Robert E., assignor.)
- Hanisch, Arthur O., Altadena, Calif. Mascara applicator and curler. 2,323,595; July 6.
- Hanitz, Hans T. R., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Metalworking machine. 2,333,563; Nov. 2.
- Hankins, Frederick W. (See Young, C. D., and Hankins.)
- Hankins, Frederick W., and W. J. Meyer, assignors to The Pennsylvania Railroad Company, Philadelphia, Pa. Buffing means for railway cars and the like. 2,330,706; Sept. 28.
- Hanks, Clarence, et al. (See Koenig, Carl J.)
- Hanks, Elden W., Augusta, Maine, assignor to Halco Chemical Corp., New York, N. Y. Fire-extinguishing composition of matter. 2,322,781; June 29.
- Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company. Fountain pen. 2,328,143; Aug. 31.
- Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company. Fountain pen. 2,331,606; Oct. 12.
- Hanley, Albert J. (See Gross, E. H., and Hanley.)
- Hanley, Frank H., Butler, N. J., assignor to American Telephone and Telegraph Company. Telegraph breaking system. 2,315,419; Mar. 30.

- Hanley, Frank H., Butler, N. J., assignor to American Telephone and Telegraph Company. Teletypewriter switching system. 2,321,382; June 8.
- Hanley, Frank H., Butler, N. J., assignor to American Telephone and Telegraph Company. Telegraph system. 2,334,551; Nov. 16.
- Hanley, Frank H., Butler, N. J., assignor to American Telephone and Telegraph Company. Telegraph system. 2,337,886; Dec. 28.
- Hanley, George C., Malden, Mass. Humidifier head. 2,335,935; Dec. 7.
- Hanley, John A., Noroton, Conn. Submarine. 2,311,539; Feb. 16.
- Hanley, John A., Norton, Conn., assignor to Gillette Safety Razor Company, Boston, Mass. Mount for shearing heads. 2,323,655; July 6.
- Hanley, John A., Noroton, Conn., assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,325,606; Aug. 3.
- Hanlon, Joseph T., Chicago, Ill. Nasal dilating device. 2,335,936; Dec. 7.
- Hanlon Waters, Inc. (See McGay, John B., assignor.)
- Hanlon & Wilson Company. (See Sabol, Ernest J.)
- Hann, Alan L., Newark, N. J. Device for refrigerating beverages. 2,318,309; May 4.
- Hann, William E., Detroit, Mich. Radio aerial. 2,319,860; May 25.
- Hanna, Atto N., Orange, N. J. Filing device. 2,325,317; July 27.
- Hanna, Clinton R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Strip straightener. 2,323,768; July 6.
- Hanna, Clinton R., Pittsburgh, Pa. Friction device. 2,330,883; Oct. 5.
- Hanna, Ezra L., North Scituate, R. I., assignor to Davol Rubber Company. Rubber goods. 2,313,703; Mar. 9.
- Hanna, Raymond P., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Contact device. 2,333,562; Nov. 2.
- Hanna, William T., Cincinnati, Ohio. Stoker. 2,334,090; Nov. 9.
- Hanna, Wilson C., H. E. Kaiser, and A. Harvey, Colton, assignors to California Portland Cement Company, Los Angeles, Calif. Feed system for grinding mills. 2,318,306; May 4.
- Hannaford, Cleon M., Toledo, Ohio, deceased, Marie L. Hannaford, executrix. Telephone subscriber's ringer control. 2,324,696; July 20.
- Hannaford, Cleon M., Toledo, Ohio, deceased; M. L. Hannaford, executrix. Combined journal box and sealing closure. 2,325,852; Aug. 3.
- Hannaford, Marie L., executrix. (See Hannaford, Cleon M., assignor.)
- Hannah, Peter, Yonkers, N. Y. Bag clamping device. 2,318,156; May 4.
- Hannan, Dan O. (See Barrans, W. T., Cole, Hannan, and Robson.)
- Hannay, William H., and B. J. Walsh, Trail, British Columbia, assignors to the Consolidated Mining & Smelting Company of Canada Limited, Montreal, Quebec, Canada. Electrolytic zinc dust process. 2,313,338; Mar. 9.
- Hanneman, Walter M., Oak Park, assignor to Illinois Tool Works, Chicago, Ill. Washer feeding means. 2,321,548; Jun. 8.
- Hannemann, Heinz, and E. Oberländer, Berlin, Germany; vested in the Alien Property Custodian. Carrier frequency amplifier. 2,317,764; Apr. 27.
- Hanney, Angus F., assignor to The American Laundry Machinery Company, Norwood, Ohio. Washing machine formula control. 2,328,073; Aug. 31.
- Hannifin Manufacturing Company. (See Peterson, V. W., and Daley, assignors.)
- Hannifin Manufacturing Co. (See Peterson, V. W., and Maha, assignors.)
- Hannon, Andrew L., Los Angeles, assignor to The Garrett Corporation, Alhambra Manufacturing Company Division, Inglewood, Calif. Control device for oil coolers. 2,314,937; Mar. 30.
- Hanover, Clinton D., Jr., Little Neck, N. Y. Skew bascule bridge. 2,337,994; Dec. 28.
- Hanovia Chemical and Manufacturing Company. (See Anderson, W. T., Jr., and Laub, assignors.)
- Hanrahan, Wilfred C., Iowa City, Iowa. Shaft grinder. 2,321,081; June 8.
- Hans, Edmund E., Detroit, Mich. Combination heating and ventilating system. 2,316,421; Apr. 13.
- Hans, Edmund E., Detroit, Mich. Fan. 2,328,072; Aug. 31.
- Hans, Raymond, Pascagoula, Miss. Safety trolley plow. 2,316,064; Apr. 6.
- Hansen, Robert. (See Ewot, A. C., Brady, and Hansen.)
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Voltage regulation compensator. 2,307,217; Jan. 5.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Television system. 2,310,197; Feb. 2.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Photo voltaic cell. 2,310,365; Feb. 9.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Reducing multiple signals. 2,310,692; Feb. 9.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Short wave radio system. 2,312,835; Mar. 2.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Replaceable fitting. 2,315,897; Apr. 6.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillating amplifier and detecting system. 2,320,428; June 1.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency modulation receiver. 2,323,596; July 6.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Retaining insulators within tubes. 2,333,005; Oct. 26.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Communication system. 2,333,245; Nov. 2.
- Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Device for fastening insulating spacers in concentric transmission lines. 2,335,591; Nov. 30.
- Hansell, Grant E., Riverhead, N. Y., assignor to Radio Corporation of America. Voltage regulating system. 2,310,286; Feb. 9.
- Hanselman, John H., Des Moines, Iowa. Suction fan. 2,323,536; July 6.
- Hansen, Albert, Jr., Nahant, Mass., assignor to General Electric Company. Magnetic suspension. 2,311,382; Feb. 16.
- Hansen, Carl, New York, N. Y. Life raft. 2,334,924; Nov. 23.
- Hansen, Carl H., Oakland, Calif. Package for tea and like commodities. 2,334,156; Nov. 9.
- Hansen, Christian L., Pewaukee, Wis. Storage and dispensing apparatus. 2,328,080; Aug. 31.
- Hansen, Elbin C., Los Angeles, Calif. Ant poison container. 2,320,077; May 25.
- Hansen, Erik F., New York, N. Y. Marking and combined marking and spreading machine. 2,326,459; Aug. 10.
- Hansen, Ernest F., Meridian, Tex. Reinforced vehicle fender. 2,309,898; Feb. 2.
- Hansen, George E. (See Zinkil, R. H., Larson, and Hansen.)
- Hansen, Gilbert H., assignor to L. M. and W. C. Furnas, Batavia, Ill. Switch mechanism. 2,307,285; Jan. 6.
- Hansen, Harry, Clifton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Contact spring assembly. 2,312,408; Mar. 2.
- Hansen, Hillman A., Long Beach, and M. M. Perot, San Francisco, assignors of one-third to C. E. Cameron, Long Beach, Calif. Method and means of developing oil fields. 2,331,072; Oct. 5.
- Hansen, Hulda, Long Beach, Calif. Sleeping garment. 2,307,266; Jan. 5.
- Hansen, James M., Park Ridge, Ill. Machine for treating egg whites, etc. 2,330,422; Sept. 28.
- Hansen, John, Bettendorf, Iowa, assignor to U. S. Slicing Machine Company, La Porte, Ind. Meat tendering machine. 2,323,769; July 6.
- Hansen, John N. (See Smith, F. B., and Hansen.)
- Hansen, Jörgen J. (See Fleischer, S. G. C., and Hansen.)
- Hansen, Joseph F., Cleveland, Wis. Mower attachment. 2,335,510; Nov. 30.
- Hansen, Karl J. (See Calhoun, J. C., Davidson and Hansen.)
- Hansen, Klaus L., Milwaukee, Wis. Commutation means. 2,329,759; Sept. 21.
- Hansen, Lee R., Anatone, assignor of one-fourth to G. A. Tuttle, Richland, and one-fourth to C. Ward, Anatone, Wash. Lifting mechanism. 2,322,358; June 22.
- Hansen, Louis E., Toronto, Ontario, Canada. Holder for stropping razor blades. 2,326,639; Aug. 10.
- Hansen, Mangor, Freeport, N. Y. Scraper. 2,331,676; Oct. 12.
- Hansen Mfg. Co., apany. (See Hansen, W. L., and Hurst, assignors.)
- Hansen Manufacturing Company. (See Hansen, W. L., Hurst, and Johnson, assignors.)
- Hansen, Merlin, assignor to John Deere Tractor Company, Waterloo, Iowa. Fuel control device. 2,311,827; Feb. 23.
- Hansen, Merlin, and R. K. Hall, assignors to John Deere Tractor Company, Waterloo, Iowa. Fuel control device. 2,311,828; Feb. 23.
- Hansen, Merrill E., Silver Lake, assignor to American Anode Inc., Akron, Ohio. Method and apparatus for making thick latex rubber sheeting. 2,311,617; Feb. 16.
- Hansen, Merrill E., Silver Lake Village, assignor to American Anode Inc., Akron, Ohio. Making rubber articles. 2,330,351; Sept. 23.
- Hansen, Merrill E., Silver Lake, assignor to American Anode Inc., Akron, Ohio. Apparatus for spraying a plurality of fluids. 2,335,116; Nov. 23.
- Hansen, Oliver, Detroit, Mich. Egg beater. 2,316,861; Apr. 20.

- Hansen, Otto, Mannheim, and H. Schuermann, Ludwigs-
hafen-on-the-Rhine, Germany, assignors, by mesne
assignments, to General Auline & Film Cor-
poration, New York, N. Y., Paper and its production.
2,337,887; Dec. 28.
- Hansen, William A., Dos Palos, Calif., Automatic shut-
off valve for filling spouts. 2,310,631; Feb. 9.
- Hansen, William L., and I. N. Hurst, assignor to Hansen
Mfg. Company, Inc., Princeton, Ind., Balanced brush
for electric motors. 2,312,900; Mar. 2.
- Hansen, William L., and I. N. Hurst, assignors to Han-
sen Mfg. Company, Inc., Princeton, Ind., Synchronous
motor. 2,323,035; June 29.
- Hansen, William L., I. N. Hurst, and J. E. Johnson,
assignors to Hansen Manufacturing Company, Inc.,
Princeton, Ind., Bearing. 2,332,634; Oct. 26.
- Hansen, William W. (See Varian, R. H., and Han-
son.)
- Hansen, William W., R. H. and S. F. Varian, Stanford
University, Calif., assignors to The Board of Trustees
of the Leland Stanford Junior University, Stanford
University, Calif., High frequency tube structure.
2,311,658; Feb. 23.
- Hansen, Wray C., assignor to Chrysler Corporation, High-
land Park, Mich., Windshield wiper mechanism.
2,329,895; Sept. 21.
- Hansen's, Chr., Laboratory, Inc. (See Lappala, Risto
P., assignor.)
- Hansing, Fritz, San Mateo, assignor, by mesne assign-
ments, to The Anglo California National Bank of San
Francisco, San Francisco, Calif., as trustee, Sublima-
tion refining. 2,300,643; Feb. 2.
- Hansing, Fritz J., San Mateo, assignor, by mesne assign-
ments, to The Anglo California National Bank of San
Francisco, San Francisco, Calif., as trustee, Sublima-
tion apparatus. 2,300,644; Feb. 2.
- Hansing, Fritz J., San Mateo, assignor, by mesne assign-
ments, to The Anglo California National Bank of San
Francisco, San Francisco, Calif., as trustee, Sublima-
tion refining. 2,310,188; Feb. 2.
- Hansing, Fritz J., San Mateo, assignor to Marine Mag-
nesium Products Corporation, South San Francisco,
Calif., Manufacturing metallic magnesium. 2,323,597;
July 6.
- Hansing, Fritz, Hoshikura-Dairen, Kwantung, Man-
choukiao; vested in the Alien Property Custodian, Pro-
ducing gas mixtures for synthetic purposes. 2,337,551;
Dec. 28.
- Hanshaw, Fred, Port Huron, Mich., Fowl picker.
2,314,700; Mar. 23.
- Hansley, Virgil L., Niagara Falls, N. Y., assignor to
E. I. du Pont de Nemours & Company, Wilmington,
Del., Alpha, beta'-dicyano diethyl ether. 2,333,782;
Nov. 9.
- Hanslick, Roy S., Nashville, Tenn., assignor to United
States Rubber Company, New York, N. Y., Vulca-
nization accelerators. 2,318,492; May 4.
- Hanslick, Roy S., Philadelphia, Pa., assignor to American
Cyanamid Company, New York, N. Y., Methylol β , β' -
iminodipropionic acid. 2,314,677; Oct. 12.
- Hansman, George A. (See Tinnerman, G. A., and Hans-
man.)
- Hansman, George A., Rocky River, assignor, by mesne
assignments, to Tinnerman Products, Inc., Cleveland,
Ohio, Fastener. 2,319,058; May 11.
- Hansman, George A., Rocky River, assignor to Tinner-
man Products, Inc., Cleveland, Ohio, Fastening device.
2,319,059; May 11.
- Hanson, Alden W., assignor to The Dow Chemical Com-
pany, Midland, Mich., Vinylidene chloride-graphite
composition. 2,321,292; June 8.
- Hanson, Alden W., assignor to The Dow Chemical Com-
pany, Midland, Mich., Vinylidene chloride fibers.
2,332,485; Oct. 19.
- Hanson, Alfred H., Garrison, assignor to Patterson O.
Stewart, New York, N. Y., Tachometer and tachometer
circuit. 2,335,247; Nov. 30.
- Hanson, Alfred H., Garrison, assignor to Patterson O.
Stewart, New York, N. Y., Apparatus for testing
breaker mechanisms. 2,335,248; Nov. 30.
- Hanson, Carl C., Albert Lea, Minn., Cultivator.
2,317,188; Apr. 20.
- Hanson, Clifford, Detroit, Mich., Finishing tool for metal
turning. 2,323,324; July 6.
- Hanson, Curtis O., Berkeley, Calif., Fork. 2,319,986;
May 25.
- Hanson, Eddy C. (See Rainford, W. S., and Hanson.)
- Hanson, Edwin E., Snohomish, Wash., Can handling ma-
chine. 2,327,888; Aug. 24.
- Hanson, Ezekiel, San Diego, Calif., Cream separating
milk container. 2,323,036; June 29.
- Hanson, Gordon B., Houston, Tex., assignor, by mesne
assignments, to Petrolite Corporation, Ltd., Wilming-
ton, Del., Method and apparatus for electrically treat-
ing oils. 2,313,939; Mar. 16.
- Hanson, Gordon B., Houston, Tex., assignor to Petrolite
Corporation, Ltd., Wilmington, Del., Treating oil.
2,325,850; Aug. 3.
- Hanson, Harold F. (See Brecht, W. A., and Hanson.)
- Hanson, Jarl W. (See Reed, R. R., and Hanson.)
- Hanson, Melvin E., Huntington Beach, Calif., Telegraph
transmitter. 2,329,531; Sept. 14.
- Hanson, Milton E., Haddonfield, N. J., assignor to B. F.
Sturtevant Company, Boston, Mass., Refrigeration
apparatus for air conditioned passenger vehicles.
2,311,294; Feb. 16.
- Hanson, Milton E., Haddonfield, N. J., assignor to B. F.
Sturtevant Company, Hyde Park, Boston, Mass., Re-
frigeration control for air conditioned passenger ve-
hicles. 2,319,130; May 11.
- Hanson, Milton E., Haddonfield, N. J., assignor to B. F.
Sturtevant Company, Hyde Park, Boston, Mass., Re-
frigeration apparatus for air conditioning systems.
2,330,175; Sept. 21.
- Hanson, Milton E., Haddonfield, N. J., assignor to B. F.
Sturtevant Company, Boston, Mass., Air conditioning
control. 2,330,242; Dec. 7.
- Hanson, Morris S., Freeport, N. Y., assignor to Montgom-
ery Ward & Co., Incorporated, Chicago, Ill., Glove.
2,307,267; Jan. 6.
- Hanson, Oscar B., Westport, Conn., assignor to Radio
Corporation of America, Television transmitting sys-
tem. 2,310,285; Feb. 9.
- Hanson, Roy E. (See Plazze, T. E., and Hanson.)
- Hanson, Saml., & Son, Limited. (See Bogner, Peter, as-
signor.)
- Hanson-Van Winkle-Munning Company. (See Diggins,
Myron B., assignor.)
- Hanson-Van Winkle-Munning Company. (See Hogaboom,
George B., assignor.)
- Hanson, Walter J., Port Chester, N. Y., assignor to
Fulton Lodge Postage Mfg. Co., Stamford, Conn.,
Printing device. 2,337,814; Dec. 28.
- Hanson, Walter M., assignor to American Seating Com-
pany, Grand Rapids, Mich., Chair structure. 2,319,597;
May 18.
- Hanson, Wesley T., Jr., assignor to Eastman Kodak Com-
pany, Rochester, N. Y., Differential fixing solution.
2,331,678; Oct. 12.
- Hanson, Wesley T., Jr., assignor to Eastman Kodak Com-
pany, Rochester, N. Y., Color correction mask.
2,336,243; Dec. 7.
- Hanson, Wilbur D., Grove City, Minn., Safety device
for guns. 2,335,069; Nov. 30.
- Hansson, Lof, Kenmore, assignor to Buffalo Electro Chem-
ical Company, Inc., Tonawanda, N. Y., Hand truck.
2,329,439; Oct. 14.
- Hansson, Erik Oskar H., Stockholm, Sweden, assignor to
Electrolux Corporation, Dover, Del., Suction nozzle.
2,319,927; May 25.
- Hansson, John E., assignor to Telefonaktiebolaget L. M.
Ericsson, Stockholm, Sweden, Driving mechanism for
selectors. 2,307,886; Jan. 12.
- Hansson, Karl, Heidelberg, and J. Jannek, Ludwigs-
hafen-on-the-Rhine, Germany; vested in the Alien
Property Custodian, Production of ozokerite-like sub-
stances. 2,307,675; Jan. 5.
- Hanthorn, Howard E. (See Boller, E. R., Hanthorn, and
Treadway.)
- Hanthorn, Howard E. (See Iler, R. K., and Hanthorn.)
chine. 2,313,544; Mar. 9.
- Hapanowicz, Charles, Newark, N. J., assignor of fifty per
cent to H. J. Newman, New York, N. Y., Fastening
device. 2,311,592; Feb. 16.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De
Laval Separator Company, New York, N. Y., Automatic
pulsator for milking machines. 2,318,822; Mar. 16.
- Hapgood, Cyrus H., Nutley, N. J., assignor to The De
Laval Separator Company, New York, N. Y., Cow milk-
ing apparatus. 2,316,065; Apr. 6.
- Hapgood, John C., Chatham, N. J., assignor to Radio
Corporation of America, Stem sealing machine.
2,334,001; Nov. 9.
- Hapman, Henry W., Detroit, Mich., Conveyer. 2,326,535;
Aug. 10.
- Hapman, Henry W., Detroit, Mich., Conveyer.
2,333,926; Nov. 9.
- Happe, Arthur H., assignor of one-half to H. A. Sperlich,
Detroit, Mich., Heat insulating material. 2,328,644;
Sept. 7.
- Happel, John, Brooklyn, assignor to Socony-Vacuum Oil
Company, Incorporated, New York, N. Y., Recovery of
naphthalene. 2,336,244; Dec. 7.
- Haraden, George A. (See Gillion, J. W., and Haraden,
assignors.)
- Harber, Laurence S. (See Baker, B. D., Harber, and
Pointon.)
- Harber, Laurence S., assignor to Baker Perkins Limited,
Peterborough, England, Manufacture of bread.
2,323,537; July 6.
- Harber, Laurence S., assignor to Baker Perkins Limited,
Peterborough, England, Manufacture of bread.
2,332,315; Oct. 19.
- Harber, Laurence S., and J. E. Pointon, Peterborough,
England, assignors to Baker Perkins Incorporated,
Saginaw, Mich., Endless pan or like conveyer.
2,308,686; Jan. 19.
- Harbert, Carl J., Shaker Heights, and L. A. Bateman,
East Cleveland, assignors to The Harshaw Chemical
Company, Elyria, Ohio, Manufacturing of calcium
antimonate. 2,329,161; Sept. 7.
- Harbison, George C., Erie, Pa., assignor to General Elec-
tric Company, Half sheaf. 2,308,330; Jan. 12.
- Harbison-Walker Refractories Company. (See Birch, R.
E., and Thompson, assignors.)

- Hardacre, Richard W., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Production of pattern effects on acetate rayon. 2,330,707; Sept. 28.
- Hardeman, Hardin L., Waco, Tex. Fireplace furnace. 2,322,016; June 15.
- Hardeman, Lyman L., Leavenworth, Kans. Well shaft. 2,323,992; July 13.
- Harden, George N., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Rear deck lid lock. 2,333,861; Nov. 9.
- Hardenberg, Jan J., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., trustee. Film unwinding mechanism. 2,311,383; Feb. 16.
- Harder, Edwin L. (See Langguth, P. O., and Harder.)
- Harder, Edwin L., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Timing relay. 2,309,066; Jan. 19.
- Harder, Edwin L., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Signaling system. 2,310,076; Feb. 2.
- Harder, Edwin L., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer connection for protective devices. 2,331,186; Oct. 5.
- Hardgrove, Ralph M., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid system. 2,316,764; Apr. 20.
- Hardgrove, Ralph M., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Air register for fuel burners. 2,329,468; Sept. 14.
- Hardin, Frederick L. (See Donato, J. J., and Hardin.)
- Harding, Clarke T., Hillside, N. J., assignor to Standard Oil Development Company. Apparatus and process for catalytic reactions of low boiling hydrocarbons. 2,334,553; Nov. 16.
- Harding, Hiram K., assignor to The Harding Machine Company, Incorporated, Baltimore, Md. Bottle vending and empty bottle receiving machine. 2,309,449; Jan. 26.
- Harding, Joseph E., Boston, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe and outsole therefor. 2,326,216; Aug. 10.
- Harding Machine Company, The. (See Harding, Hiram K., assignor.)
- Harding, Mattie, New York, N. Y. Head covering. 2,336,356; Dec. 7.
- Harding, Robert J. (See Van Hoose, Neal, assignor.)
- Harding, William G. (See Murtagh, H., and Harding.)
- Harding, William G. (See Nisbet, R. H., and Harding.)
- Hardinge Company. (See Hardinge, Harlow, assignor.)
- Hardinge, Harlow, assignor to Hardinge Company, Inc., York, Pa. Apparatus and method for controlling pulp density. 2,308,917; Jan. 19.
- Hardman, Albert F., assignor to Wingfoot Corporation, Akron, Ohio. New process. 2,328,802; Sept. 7.
- Hardman, Albert F., assignor to Wingfoot Corporation, Akron, Ohio. Rubber hydrochloride. 2,328,976; Sept. 7.
- Hardman, George W., Brookline, and M. Watter, assignors to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Resistance welded metallic structure. 2,319,455; May 18.
- Hardman, George W., Garden City, assignor to Brewster Aeronautical Corporation, Long Island City, N. Y. Aircraft armament. 2,332,375; Oct. 19.
- Hardwick, John. (See Blumlein, A. D., Blythen, and Hardwick.)
- Hardwick, John, West Drayton, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Thermionic valve circuit. 2,307,218; Jan. 5.
- Hardy, Arthur C., Wellesley, Mass., F. L. Wurzburg, Jr., New York, N. Y., and E. C. Dench, South Orange, N. J., assignors to Interchemical Corporation, New York, N. Y. Method and apparatus for making separation images for four-color reproduction. 2,316,581; Apr. 13.
- Hardy, Arthur H., Chicago, assignor to one-half to H. Stroehle, Oak Park, Ill. Window ventilator. 2,337,326; Dec. 21.
- Hardy, Donovan H., Norfolk, Va. Marking stamp. 2,307,127; Jan. 5.
- Hardy, George E., Stetson, assignor to Johnson & Johnson, New Brunswick, N. J. Plaster bandage. 2,315,484; Apr. 6.
- Hardy, James H., Artesia, Miss. Roofing surface. 2,319,227; May 18.
- Hardy, John L., Laurel, Md. Clipper for obtaining hair density samples. 2,331,319; Oct. 12.
- Hardy Metallurgical Company. (See Cremer, George D., assignor.)
- Hardy, Vaughn, Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Stack switch construction. 2,329,266; Sept. 14.
- Hardy, Vernal R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn finishing. 2,325,129; July 27.
- Hare, Donald G. C., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Apparatus for determining density of fluids. 2,316,239; Apr. 13.
- Hare, Donald G. C., Houston, Tex., assignor to Texaco Development Corporation, New York, N. Y. Subsurface prospecting. 2,316,329; Apr. 13.
- Hare, Donald G. C., Houston, Tex., assignor to The Texas Company, New York, N. Y. Method and apparatus for determining liquid level. 2,323,128; June 29.
- Hare, Donald G. C., Houston, Tex., assignor to Texaco Development Corporation, New York, N. Y. Subsurface prospecting. 2,334,262; Nov. 16.
- Hare, Donald G. C., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Locating points of entry of water into bore holes. 2,335,409; Nov. 30.
- Hare, Terence G., assignor to The Amesbury Seat Manufacturing Co., Ypsilanti, Mich. Wheel balancing. 2,313,339; Mar. 9.
- Hare, Terence G., assignor to The Amesbury Seat Manufacturing Co., Ypsilanti, Mich. Motorcycle. 2,331,976; Oct. 19.
- Haren, Urban C., Akron, and J. P. Sapp, Kent, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Apparatus for making laminated strips. 2,310,851; Feb. 9.
- Harff, Henry M. (See Buhrig, W. H., and Harff.)
- Hargrave, John C., Kings Langley, and D. C. Williams, London, England, assignors to Course-indicating apparatus for vehicles. 2,314,497; Mar. 23.
- Hargrave, William, Marathon, N. Y. Hot pan lifter. 2,333,564; Nov. 2.
- Hargreaves, Thomas F. S. (See Terry, V. J., and Hargreaves.)
- Harker, John S., assignor to Kimble Glass Company, Vineland, N. J. Glass scoring machine. 2,337,888; Dec. 28.
- Harlan, Avery S., Beech Grove, Ind. Fluid transmission and clutch control. 2,307,676; Jan. 5.
- Harlem, Lewis W., Boston, Mass. Shopping bag. 2,325,853; Aug. 3.
- Harley, Edward J., Philadelphia, Pa. Equalizing fulcrum arrangement. 2,320,864; June 1.
- Harley, Stanley J., and J. E. Wainwright, Coventry, England. Apparatus for forming or dressing the operative faces of grinding wheels. 2,309,312; Jan. 26.
- Harley, Stanley J., and J. E. Wainwright, Coventry, England. Producing relief in screw threads. 2,309,313; Jan. 26.
- Harley, Stanley J., and J. E. Wainwright, Coventry, England. Thread cutting tool. 2,319,544; May 18.
- Harley, Myrtle L., Los Angeles, Calif. Dispensing powder. 2,329,247; Sept. 14.
- Harlow, Frederick J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for withdrawing liquids from closed containers. 2,330,708; Sept. 28.
- Harlow, Jesse H., Chicago, Ill. Machine providing facilities for batting baseballs and driving golfballs. 2,315,257; Mar. 30.
- Harlow, Winton G., Chatham Village, G. A. Healis and E. A. Williams, Jr., Lansdowne, Pa., assignors to General Electric Company. Electric circuit breaker. 2,337,889; Dec. 28.
- Harm, George O., Warren, assignor to The Johnston & Jennings Company, Cleveland, Ohio. Tunnel liner. 2,323,906; July 13.
- Harm, George O., Warren, assignor to The Johnston & Jennings Company, Cleveland, Ohio. Building panel. 2,329,610; Sept. 14.
- Harman, Frank B., Grand Rapids, Mich. Posture chair. 2,310,366; Feb. 9.
- Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanizing rubber and product produced thereby. 2,323,037; June 29.
- Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanizing rubber and product obtained thereby. 2,335,059; Nov. 23.
- Harmon, Carlyle. (See Bird, P. G., Evans, Harmon, and Salvesen.)
- Harmon Color Works, Inc. (See Vesce, V. C., and Stalzer, assignors.)
- Harmon, Edward H., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Making hollow propellers. 2,312,094; Feb. 23.
- Harmon, Frank B., Clifton, N. J., assignor of one-half to I. M. Blum, Hewlett, Long Island, N. Y. Measuring device. 2,325,130; July 27.
- Harmon, John E., Columbus, Ohio. Making screens. 2,323,713; July 6.
- Harmon, Joseph P., and G. H. Johnson, assignors to The Atwood Vacuum Machine Company, Rockford, Ill. Automobile door hinge. 2,322,933; June 29.
- Harmon, Lacey L., assignor to J. A. Stees, II, St. Paul, Minn. Windback device. 2,336,245; Dec. 7.
- Harmon, Robert R., Charlottesville, Va., assignor to Peabody Engineering Corporation, New York, N. Y. Gas and liquid contact apparatus. 2,315,814; May 25.
- Harmen, Anton P. (See Hunn, E. P., and Harmen.)
- Harnack, Richard O. (See Tuchscherer, K. P., Kunze, and Harnack.)
- Harner, Joseph P., assignor to The W. F. Norman Sheet Metal Mfg. Co., Nevada, Mo. Grave marker. 2,332,217; Oct. 19.
- Harnischfeger Corporation. (See Brent, Roy H., assignor.)
- Harnischfeger Corporation. (See Hettelsater, Henry C., assignor.)
- Harnly, Nellie F. (See Matheny, Willard R., assignor.)
- Harnwell, Gaylord P. (See Cooke, H. L., and Harnwell.)
- Harold, Herschel H. (See Bissell, W. T., and Harold.)

- Harper, Floyd K. (See Tingley, C. N., and Harper.)
 Harper, John W., Highlands North, Johannesburg, Transvaal, Union of South Africa. Separable fastener. 2,337,935; Dec. 28.
 Harper, Kennard W. (See Estey, R. S., and Harper.)
 Harper, Kennard W. (See Gary, C. L., and Harper.)
 Harper, Kennard W., A. A. Gradisar, and W. K. Armagost, Buffalo, and W. F. Peck, Snyder, assignors to Spencer Lens Company, Buffalo, N. Y. Projector. 2,330,709; Sept. 28.
 Harper, Kennard W., East Aurora, and E. O. Roeder, Elmhurst, assignors to Spencer Lens Company, Buffalo, N. Y. Microscope. 2,328,211; Aug. 31.
 Harper, Lyndus E., Kansas City, Mo. Positive displacement pump. 2,308,974; Jan. 19.
 Harper, Philip S., and C. Lamar, Chicago, Ill., assignors to Harper-Wyman Company. Gas burner. 2,337,240; Dec. 21.
 Harper, William, Jr., Montreal, Quebec, Canada. Covering for airfoil surfaces. 2,322,632; June 22.
 Harper, Worthly C., Caldwell, Ohio, assignor to American Optical Company, Southbridge, Mass. Contour forming apparatus. 2,321,383; June 8.
 Harper-Wyman Company. (See Harper, P. S., and Lamar, assignors.)
 Harper-Wyman Company. (See Lamar, Charles C., assignor.)
 Harpothian, Carnig A., assignor to Modern Accessories Inc., New York, N. Y. Interchangeable covering member. 2,320,078; May 25.
 Harpstrite, Augustus J., assignor to J. C. Harpstrite, Los Angeles, Calif. Roller rocker. 2,311,384; Feb. 16.
 Harpstrite, Julia C. (See Harpstrite, Augustus J., assignor.)
 Harr, Herman H., Cleveland, Ohio. Tap tube. 2,331,834; Oct. 12.
 Harrap, Eric R., Chorlton-Cum-Hardy, assignor to Turners Asbestos Cement Company Limited, Rochdale, England. Reinforced asbestos-cement sheet. 2,335,208; Nov. 23.
 Harries, Harry G., assignor to Harries Hi-Vita Mill and Milling Co., Milwaukee, Wis. Grinding apparatus. 2,330,969; Oct. 5.
 Harries Hi-Vita Mill and Milling Co. (See Harries, Harry G., assignor.)
 Harrian, Wesley, Milwaukee, Wis. Bowling ball support. 2,313,823; Mar. 16.
 Harrian, Henry A., Carnegie, Pa. Beverage package. 2,330,884; Oct. 5.
 Harriman, John W., Glendale, Mo. Drafting machine counterbalance. 2,330,970; Oct. 5.
 Harrington, Edward L., assignor to Blaw-Knox Company, Pittsburgh, Pa. Clamshell bucket. 2,314,395; Mar. 23.
 Harrington, Ferris T. (See Herman, K. R., and Harrington.)
 Harrington, Ferris T., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,331,026; Oct. 5.
 Harrington, Ferris T., and K. Seidel, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,307,585; Jan. 5.
 Harrington, Ferris T., and R. L. Tweedale, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,324,697; July 20.
 Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Forming tubes. 2,336,397; Dec. 7.
 Harrington, George G., T. H. Stanchiff, and C. H. Black, assignors to Reed Roller Bit Company, Houston, Tex. Drill bit. 2,321,484; June 8.
 Harrington, Harry C., Chattanooga, Tenn., assignor to Armour and Company, Chicago, Ill. Drum conditioning apparatus. 2,309,344; Jan. 26.
 Harrington, James R., Mansfield, assignor to The Auto-call Company, Shelby, Ohio. Diagram board. 2,315,420; Mar. 30.
 Harrington, James R., Mansfield, assignor to The Auto-call Company, Shelby, Ohio. Recorder. 2,333,783; Nov. 9.
 Harrington, John T., St. Paul, Minn. Fuel and heat economizer. 2,319,131; May 11.
 Harrington, Joseph, Riverside, Ill. Hay drier. 2,308,508; 2,308,508; Jan. 19.
 Harrington, Joseph, Riverside, Ill. Conveyor-excavator. 2,310,233; Feb. 9.
 Harrington, Joseph, Riverside, Ill. Furnace and associated feeding device. 2,331,907; Oct. 19.
 Harrington, Lester B., assignor of forty per cent to R. Allen, Salem, and fifteen per cent to C. A. Racely, Portland, Ore. Vacuum pressure pump. 2,319,228; May 18.
 Harrington, Lester B., assignor of forty per cent to R. Allen, Salem, and fifteen per cent to C. A. Racely, Portland, Ore. Fuel pump. 2,319,229; May 18.
 Harrington, Lester B., assignor of forty per cent to R. Allen, Salem, and fifteen per cent to C. A. Racely, Portland, Ore. Centrifugal pump. 2,319,230; May 18.
 Harrington & Richardson Arms Company. (See Ekdahl, Carl E., assignor.)
 Harrington, Ronald J., Brooklyn, and F. P. Shearer, Queens Village, N. Y. Sales register. 2,309,645; Feb. 2.
 Harrington, William F. (See Goode, G. C., and Harrington.)
 Harris, Albert T., assignor to Cal-Ku-Scope Inc., New York, N. Y. Calculating device. 2,307,584; Jan. 5.
 Harris, Alexander. (See Hancock, R., and Harris.)
 Harris, Alexander, Seabrook, N. J., assignor to Art Metal Works Inc. Lighter and fuel filling for same. 2,318,307; May 4.
 Harris, Allyn, Wheaton, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Method and apparatus for refrigerating transportation enclosures. 2,337,600; Dec. 28.
 Harris, Alonzo V., Farmington, N. Mex. Placer screen. 2,312,409; Mar. 2.
 Harris, Arch W., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Metal coating. 2,320,129; May 25.
 Harris, Artie B., Kansas City, Mo. Dry shaver. 2,332,379; Oct. 19.
 Harris, Benjamin R., Chicago, Ill. Antiseptic materials. 2,317,378; Apr. 27.
 Harris, Benjamin R., Chicago, Ill. Amino carboxylic acid esters of higher molecular weight carboxylic monoesters of glycols. 2,321,594; June 15.
 Harris, Benjamin R., Chicago, Ill. Amino carboxylic acid esters. 2,321,595; June 15.
 Harris, Carl, and L. T. Bassett, F. M., and Harris, Carl, Carl C., and L. T. Bassett, Orange, Mass.; said Bassett assignor to said Harris. Wide lead mechanical pencil. 2,338,068; Dec. 28.
 Harris, D. P., Hardware & Manufacturing Co. Inc. (See Lyman, Wendell G., assignor.)
 Harris, David H., Brookline, assignor to Gillette Safety Razor Company, Boston, Mass. Hardness testing machine. 2,330,578; Sept. 28.
 Harris, Edward R., assignor to L. R. Harris, Los Angeles, Calif. Stylus head for recording and reproducing sound records. 2,318,308; May 4.
 Harris, Elliot H., New York, N. Y. Acoustic attenuator for air impellers. 2,323,394; July 6.
 Harris, Elwin E. (See Sherrard, E. C., and Harris.)
 Harris, Eugene E. (See Shinkins, Stephen V. R., and Harris.)
 Harris, Florence E. M., Detroit, Mich. Ironing board. 2,333,784; Nov. 9.
 Harris Foundry & Machine Company. (See Pryor, William A., assignor.)
 Harris, Frank O., Minneapolis, Minn. Guard for grinding wheels. 2,320,130; May 25.
 Harris, Frederic R., New York, N. Y. Concrete oil barge. 2,321,811; June 15.
 Harris, Frederic R., New York, N. Y. Floating dry dock. 2,325,607; Aug. 3.
 Harris, Frederic R., New York, N. Y. Ship building. 2,337,101; Dec. 21.
 Harris, Grant D., Washington, D. C. Educational appliance for airplane operation. 2,332,218; Oct. 19.
 Harris, Harry, Tuckerton, N. J. Apparatus for knitting mesh fabrics. 2,337,102; Dec. 21.
 Harris, Harry H., Palo Alto, assignor to Enterprise Engine & Foundry Company, San Francisco, Calif. Hammer-mill mixer combination. 2,333,246; Nov. 2.
 Harris, Harry H., Palo Alto, and J. A. Bried, Berkeley, assignors to Enterprise Engine & Foundry Company, San Francisco, Calif. Hammer-mill discharge receiver. 2,333,247; Nov. 2.
 Harris, Irene, et al. (See Briggs, Ernest R., assignor.)
 Harris, Isabelle R. (See Harris, Edward R., assignor.)
 Harris, James C., Erie, Pa., assignor to The Manufacturers Equipment Company, Dayton, Ohio. Drier. 2,319,060; May 11.
 Harris, John L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Combustion control. 2,313,346; Mar. 9.
 Harris, John M., Jr., Springfield Township, Montgomery County, Pa., N. W. Wroby, Tenafly, and W. B. Brown, Westmont, N. J., assignors, by mesne assignments, to Allied Chemical & Dye Corporation. Manufacture of aromatic hydroxy compounds. 2,334,488; Nov. 16.
 Harris, Leonard T., Chicago Heights, Ill., assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Renewable tip pulverizer hammer. 2,318,219; May 4.
 Harris, Leonard T., Chicago Heights, and J. P. Murtaugh, Oak Park, Ill., assignors to American Brake Shoe Company. Excavating implement. 2,336,729; Dec. 14.
 Harris, Manly S., San Francisco, Calif. Casket. 2,317,605; Apr. 27.
 Harris, Manly S., San Francisco, Calif. Agricultural device. 2,317,606; Apr. 27.
 Harris, Mark, Birmingham, Mich., assignor to Stewart-Warner Corporation, Chicago, Ill. Fluid dispensing gun. 2,317,270; Apr. 20.
 Harris, Norman C., and J. P. Whann, assignors to Puett Electrical Starting Gate Corporation, Los Angeles, Calif. Starting gate. 2,309,952; Feb. 2.
 Harris, Owen H. (See Ruemelin, R., and Harris.)
 Harris, Roy E., San Jose, Calif. Producing natural fruit juice and of eliminating cannery waste. 2,320,036; May 25.
 Harris, Paul J., Portland, Ore. Installation bracket for Venetian blinds. 2,332,851; Oct. 26.
 Harris, Raymond F., Brooklyn, N. Y. Toy. 2,331,187; Oct. 5.
 Harris, Sadie A., Warren, Ohio. Electroforming method of producing tuyeres. 2,335,060; Nov. 23.

- Harris, Samuel B., Cristobal, Canal Zone. Closure seal. 2,328,068; Aug. 31.
- Harris-Seybold-Potter Company. (See Danehy, James P., assignor.)
- Harris-Seybold-Potter Company. (See Harrold, Charles W., assignor.)
- Harris-Seybold-Potter Company. (See Haunty, J. F., assignor.)
- Harris-Seybold-Potter Company. (See Meyer, Henry F., assignor.)
- Harris-Seybold-Potter Company. (See Pabich, W. R., and Telfords, assignors.)
- Harris-Seybold-Potter Company. (See Pritchard, Howard A., assignor.)
- Harris-Seybold-Potter Company. (See Spiller, William R., assignor.)
- Harris-Seybold-Potter Company. (See Wood, William H., assignor.)
- Harris, Stanton A., Westfield, assignor to Merck & Co., Inc., Rahway, N. J. Vitamin B₆ and related compounds. 2,325,053; July 27.
- Harris, Stanton A., Westfield, and K. Folkers, Plainfield, assignors to Merck & Co., Inc., Rahway, N. J. Resolution of racemic α -hydroxy- β , β -dimethyl- γ -butyrolactone, and new compounds obtained by such resolution. 2,319,545; May 2.
- Harris, Thaddeus S., Waverly, Ill. Deep well pump. 2,327,637; Aug. 24.
- Harris, Thaddeus S., Waverly, Ill. Electric fence charging system. 2,331,775; Oct. 12.
- Harris, Vincent C., Wilmette, Ill. Toy. 2,310,781; Feb. 9.
- Harris, Wilford C., Reifton, Pa. Steel roll. 2,336,246; Dec. 7.
- Harris, Wilford C., Reifton, Pa. Steel roll. 2,336,247; Dec. 7.
- Harris, William C. (See Costa, Anthony P., assignor.)
- Harris, William D., Kansas City, Mo. Apparatus for refining used crankcase oil. 2,319,598; May 18.
- Harris, William D., Kansas City, Mo. Refining used crankcase oil. 2,319,599; May 18.
- Harris, William H., Jr., assignor to Micromatic Hone Corporation, Detroit, Mich. External honing tool. 2,316,422; Apr. 13.
- Harris, William L., Tallulah, La. Body lifter. 2,333,006; Oct. 26.
- Harrisburg Steel Corporation. (See Nelson, Tom H., assignor.)
- Harrison, Clifford E., assignor to American Engineering Company, Philadelphia, Pa. Tuyere block. 2,309,450; Jan. 26.
- Harrison, Edward P., Barkingside, assignor of one-third to A. J. Hughes, Chigwell Row, Essex, and one-third to H. Hughes & Son Limited, London, England. Magnetic surveying apparatus. 2,335,117; Nov. 23.
- Harrison, Eugene L., Cicero, assignor to Buft Service & Supply Co., Chicago, Ill. Buffing and polishing implement. 2,333,785; Nov. 9.
- Harrison, Gale, Ivanhoe, N. C. Apparatus for filling berry containers. 2,318,183; May 4.
- Harrison, Henry, Brooklyn, N. Y. Display stand. 2,315,617; Apr. 6.
- Harrison, Henry C. (See Dickten, E., Jr., and Harrison.)
- Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric switch. 2,309,953; Feb. 2.
- Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Bearing structure for relays and the like. 2,322,292; June 22.
- Harrison, Henry C., Port Washington, and J. B. Little, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Machine for sealing receptacles. 2,326,296; Aug. 10.
- Harrison, Horace C., Augusta, Ga. Paper bag holder. 2,320,233; May 26.
- Harrison, John F. (See Greiner, C. F., and Harrison.)
- Harrison, Laurence S., Bronxville, assignor to International Business Machines Corporation, New York, N. Y. Attendance recorder punch. 2,307,128; Jan. 5.
- Harrison, Laurence S., Bronxville, assignor to International Business Machines Corporation, New York, N. Y. Attendance recorder punch. 2,330,971; Oct. 5.
- Harrison, Laurence S., Bronxville, assignor to International Business Machines Corporation, New York, N. Y. Attendance recorder punch. 2,335,937; Dec. 7.
- Harrison, Marion M., Peninsula, assignor to Harrison & Morton Laboratories, Inc., Akron, Ohio. Manufacture of rubber products and apparatus therefor. 2,327,638; Aug. 24.
- Harrison & Morton Laboratories, Inc. (See Harrison, Marion M., assignor.)
- Harrison, Robert R. (See White, J. W., and Harrison.)
- Harrison, Thomas H., Bolsover, near Chesterfield, England. Date indicator primarily for use with timepieces. 2,330,280; Sept. 28.
- Harrison, Thomas J., et al. (See Peyton, Edward S., assignor.)
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,308,687; Jan. 19.
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Control system. 2,310,027; Feb. 2.
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,312,711; Mar. 2.
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,316,240; Apr. 13.
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,326,853; Aug. 17.
- Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Power set flowmeter. 2,335,938; Dec. 7.
- Harrison, Thomas W. (See Cresswell, C. T., and Harrison.)
- Harrison, William H., Los Angeles, Calif. Continuous motion optical apparatus. 2,325,131; July 27.
- Harrison, William H., Los Angeles, Calif. Optical wedge. 2,331,027; Oct. 5.
- Harriss, Lloyd J., Kenilworth, and B. Lambers, Oak Park, Ill., said Lambers assignor to said Harriss. Method and apparatus for making pies. 2,312,814; Mar. 2.
- Harriss, Lloyd J., Kenilworth, and B. Lambers, Oak Park, Ill., said Lambers assignor to said Harriss. Crust roller. 2,323,907; July 13.
- Harrold, Charles W., University Heights, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Inking mechanism for printing presses. 2,314,351; Mar. 23.
- Harrold, Charles W., University Heights, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Sheet feeder. 2,317,993; May 4.
- Harrold, Marshall C., assignor to General Motors Corporation, Dayton, Ohio. Electric switch. 2,311,048; Feb. 16.
- Harroun, Helen M., et al. (See Harroun, R. W. (assignor), and Pribil.)
- Harroun, Ray V., and M. K. Pribil, said Harroun assignor of one-sixth to H. M. Harroun, and said Pribil assignor of one-fourth to S. Pribil, Saginaw, Mich. Automotive train. 2,309,766; Feb. 2.
- Harry, Gordon W. (See Babitch, A. M., and Harry.)
- Harsch, John W., Gwynedd, assignor to Leeds & Northrup Company, Philadelphia, Pa. Method of and compound for carburizing. 2,329,896; Sept. 21.
- Harshaw Chemical Company, The. (See Harbert, C. J., and Bateman, assignors.)
- Harshaw Chemical Company, The. (See Harshaw, William J., assignor.)
- Harshaw Chemical Company, The. (See Hay, John O., assignor.)
- Harshaw Chemical Company, The. (See Kremers, H. C., and Bateman, assignors.)
- Harshaw Chemical Company, The. (See Lind, R., Harshaw, and Long, assignors.)
- Harshaw, John A., Silver Spring, Md., assignor to Washington Institute of Technology, Inc., Washington, D. C. Radio guidance system. 2,309,314; Jan. 26.
- Harshaw, William J. (See Lind, R., Harshaw, and Long.)
- Harshaw, William J., Shaker Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Gas treating apparatus. 2,321,745; June 15.
- Harshaw, William J., Shaker Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Reflector. 2,329,532; Sept. 14.
- Harsberger, Norman P., Scarsdale, assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Making building material. 2,308,173; Jan. 12.
- Harsberger, Norman P., Scarsdale, assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Feeding and distributing mechanism. 2,321,082; June 8.
- Harsberger, Norman P., Scarsdale, assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Roofing and siding granules and the like. 2,321,674; June 15.
- Harsberger, Norman P., Scarsdale, assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Roofing and siding material and making the same. 2,332,219; Oct. 19.
- Harsberger, Norman P., Scarsdale, assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Mica product and producing the same. 2,332,220; Oct. 19.
- Harsberger, Norman P., Scarsdale, assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Building material and producing the same. 2,332,221; Oct. 19.
- Harsberger, Norman P., Scarsdale, assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Roofing and siding granules and the like. 2,332,222; Oct. 19.
- Harsberger, Russell P., Chicago, Ill. Razor. 2,319,815; May 25.
- Hart, Adolph, New York, N. Y. Combined moistening, combing, and ironing machine for furs. 2,328,643; Sept. 7.
- Hart-Carter Company. (See Holtzman, William A., assignor.)
- Hart, Charles H., Detroit, Mich. Valve. 2,308,753; Jan. 19.

- Hart, Charles W., United States Navy. Torque wrench. 2,315,421; Apr. 8.
- Hart & Cooley Manufacturing Company. (See De Roo, William C., assignor.)
- Hart & Cooley Manufacturing Company. (See Hensley, T. E., and De Roo, assignors.)
- Hart, Darrel C. (See McInture, Rogers W., assignor.)
- Hart, David S., Bethlehem, and A. D. Cronk, Waterbury, assignors. The Patent Button Company, Waterbury, Conn. Reinforced plastic button. 2,327,521; Aug. 24.
- Hart, Edwin J. (See Armstrong, R. T., and Hart.)
- Hart, Eugene H., assignor to The Bristol Company, Waterbury, Conn. Automatic control apparatus. 2,324,579; July 20.
- Hart, Eugene H., assignor to The Bristol Company, Waterbury, Conn. Thermometer bulb mounting. 2,326,217; Aug. 10.
- Hart, Fred V., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Making lasts. 2,316,868; Apr. 20.
- Hart, Fred V., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for applying pressure to work. 2,329,197; Sept. 14.
- Hart, Fred V., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe pressing machine. 2,330,885; Oct. 5.
- Hart, George T., Jr., and E. E. Winkley, Lynn, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Sole attaching in electrostatic fields. 2,323,325; July 6.
- Hart, Harold W., Baldwin Township, Allegheny County, Pa. Housing for electrodes of luminous tubes. 2,311,829; Feb. 23.
- Hart, Harold W., Glendale, Calif. Drinking cup for fowl. 2,319,928; May 25.
- Hart, Leo W. (See Larson, L. A., and Hart.)
- Hart Manufacturing Company, The. (See Birk, Harold W., assignor.)
- Hart Manufacturing Company, The. (See Boardman, Raymond, assignor.)
- Hart, Merida L., Chickasha, Okla., assignor to Lane-Wells Company, Los Angeles, Calif. Setting tool for bridging plugs. 2,308,004; Jan. 12.
- Hart, Merida L., Chickasha, Okla., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Well measuring device. 2,324,698; July 20.
- Hart, Ray W., Long Beach, Calif. Separator. 2,330,423; Sept. 28.
- Hart, Robert E., Poughkeepsie, assignor to International Business Machines Corporation, New York, N. Y. Carriage control mechanism. 2,310,430; Feb. 9.
- Hart, Robert G., Fallon, Nev. Ore concentrator. 2,308,077; Jan. 2.
- Hart, Roy E., Stockton, Calif. Trailer. 2,310,431; Feb. 9.
- Hartanov, Andrew S. (See Bratek, F. B., and Hartanov.)
- Harte & Company. (See Strauss, Fred S., assignor.)
- Harter, Charles B., et al. (See Beatty, Vennie V., assignor.)
- Harter, Isaac, New York, N. Y., and C. L. Norton, Boston, Mass., and C. L. Norton, Jr., New York, N. Y., assignors to The Babcock & Wilcox Company, Newark, N. J. Cellular structural material and producing the same. 2,318,574; May 4.
- Hartford-Empire Company. (See Aksómitas, William E., assignor.)
- Hartford-Empire Company. (See Berthold, Walter K., assignor.)
- Hartford-Empire Company. (See Campbell, V. D., and Wise, assignors.)
- Hartford-Empire Company. (See Hobson, John R., assignor.)
- Hartford-Empire Company. (See Honliss, William T., assignor.)
- Hartford-Empire Company. (See Kopitke, William H., assignor.)
- Hartford-Empire Company. (See Merrill, Donald G., assignor.)
- Hartford-Empire Company. (See Mongan, Charles E., Jr., assignor.)
- Hartford-Empire Company. (See Mulholland, Vergil, assignor.)
- Hartford-Empire Company. (See Shaefer, Reinhold A., assignor.)
- Hartford-Empire Company. (See Wadman, Harold A., assignor.)
- Hartford-Empire Company. (See Wadman, H. A., and Schaefer, assignors.)
- Hartford-Empire Company. (See Willetts, Paul G., assignor.)
- Hartford National Bank and Trust Company. (See Cramwinckel, A., Dippel, Keuning, and Van Weenen, assignors.)
- Hartford National Bank and Trust Company, The. (See de Boer, Jan H., assignor.)
- Hartford National Bank and Trust Company. (See van Embden, Hendrik J. M., assignor.)
- Hartford National Bank and Trust Company, trustee. (See Alink, R. J. H., de Boer, Klaassens, and Veenmans, assignors.)
- Hartford National Bank and Trust Company, trustee. (See Alink, Roelof J. H., assignor.)
- Hartford National Bank and Trust Company, trustee. (See Bügel, Roelof D., assignor.)
- Hartford National Bank and Trust Company, trustee. (See Duinker, Daniel M., assignor.)
- Hartford National Bank and Trust Company, trustee. (See Hardenberg, Jan J., assignor.)
- Hartford National Bank and Trust Company, trustee. (See Horowitz, A., and van Dam, assignors.)
- Hartford National Bank and Trust Company, trustee. (See Kiel, M., and Anna, assignors.)
- Hartford National Bank and Trust Company, Trustee. (See Six, W., and de Fromery, assignors.)
- Hartford National Bank and Trust Company, trustee. (See van Geel, W. C., Immens, and Esseling, assignors.)
- Hartford National Bank & Trust Company, Trustee, The. (See van Hoorn, A. J., and Thurner, assignors.)
- Hartford National Bank and Trust Company, trustee. (See Van Zelst, Johannes J. Z., assignor.)
- Hartford National Bank and Trust Company, trustee. (See Verwey, E. J. W., van der Willigen, and Hockstra, assignors.)
- Hartford Tool & Die Company, The. (See Olson, Gunnar, assignor.)
- Harth, Charles, Alva, Okla. Fuel feeding means. 2,308,656; Jan. 19.
- Harth, Clarence, assignor of one-half to William T. Curlee, Salisbury, N. C. Steam boiler firebox. 2,327,522; Aug. 24.
- Harth, Croydon H. A., Garden City, N. Y., assignor to Republic Aviation Corporation. Aircraft armament. 2,331,470; Oct. 12.
- Hartley, Emmett C., Meadville, Pa., assignor to Talon, Inc., Lock slider. 2,322,847; Jan. 8.
- Hartley, James C. (See Brussert, H. A., and Hartley.)
- Hartley, John R., Barrington, assignor to Builders Iron Foundry, Providence, R. I. Pressure relay unit. 2,308,923; Jan. 19.
- Hartley, William L., Chicago, Ill., and D. Whitehead, Wyoming, Ohio, assignors to Link-Belt Company. Reclaiming sand. 2,326,218; Aug. 10.
- Hartline, Ralph E., Swisshole, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Fluid pump. 2,312,712; Mar. 2.
- Hartman, Byron K., Chicago, Ill., assignor to Link-Belt Company. Method and apparatus for treating industrial wastes and sewage. 2,322,017; June 15.
- Hartman, Charles S. (See Corbin, A., and Hartman.)
- Hartman, Elmer C., assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 2,327,037; Aug. 17.
- Hartman, Frank W., and V. Schelling, assignors to Henry Ford Hospital, Detroit, Mich. Hexyl-chloro-m-resol antiseptic. 2,318,387; May 4.
- Hartman, Frank W., and V. Schelling, assignors to Henry Ford Hospital, Detroit, Mich. Hexyl-dichloro resorcinol antiseptic. 2,318,388; May 4.
- Hartman, Frank W., and V. Schelling, assignors to Henry Ford Hospital, Detroit, Mich. Hexyl-dichloro resorcinol antiseptic. 2,318,389; May 4.
- Hartman, Frank W., and V. Schelling, assignors to Henry Ford Hospital, Detroit, Mich. Hexyl-chloro-m-cresol antiseptic. 2,318,390; May 4.
- Hartman, Herbert L., and J. Bender, Jr., assignors to The General Industries Company, Elyria, Ohio. Automatic stop mechanism. 2,337,815; Dec. 28.
- Hartman, John R., Elkins Park, Pa. Match-book construction. 2,308,500; Jan. 19.
- Hartman, Joseph, Grand Rapids, Mich., assignor to Lobdell Car Wheel Company, Wilmington, Del. Roll-grinding machine. 2,312,161; Feb. 23.
- Hartman-Leddon Company. (See Shunkwiler, Roy W., assignor.)
- Hartmann, Edmund. (See Neugebauer, F., Hartmann, and Wengsell.)
- Hartmann, Max, Riehen, and F. Benz, Allschwil, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated. Preparing gonadotropic pituitary hormones. 2,312,901; Mar. 2.
- Hartmann, Paul, New York, N. Y. Binder folder. 2,323,393; July 6.
- Hartman, Raymond, and G. R. Tifal, Los Angeles, Calif. Traction splint. 2,319,400; May 18.
- Hartmann Trunk Company. (See Ritter, Alois A., assignor.)
- Hartmann Trunk Company. (See Ritter, Julius, Jr., assignor.)
- Hartsock, Guy M., and H. S. Rounds, assignors to Mid-West Hydro-Pierce, Inc., Detroit, Mich. Machine for piercing tubes. 2,326,536; Aug. 10.
- Hartung, Walter H., and N. Levin, Baltimore, Md., assignors to Sharp & Dohme, Incorporated, Philadelphia, Pa. Acryl formylhydroxamic acid halides and making them. 2,320,234; May 25.
- Hartwell, Ralf L., Orange, assignor to Metal Textile Corporation, West Orange, N. J. Foraminous body and producing the same. 2,334,263; Nov. 16.
- Hartwig, Arthur H., Michigan City, Ind., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Center sill turnover fixture. 2,320,079; May 25.
- Hartwig, Charles W., Hastings upon Hudson, N. Y. Bowling alley. 2,327,350; Aug. 24.
- Hartwig, Walter. (See Fleming, Jack F., assignor.)
- Hartzell, Forest H., Dayton, Ohio. Electrode for electro-metallurgical purposes. 2,331,320; Oct. 12.

- Hartzell, Herman L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition coil. 2,327,784; Aug. 24.
- Harvey Corporation, (See Lebach, Hans H., assignor.)
- Harvel Corporation, The. (See Caplan, Solomon, assignor.)
- Harvel Corporation, The. (See Harvey, Mortimer T., assignor.)
- Harvel Corporation, The. (See Homan, Edward C., assignor.)
- Harvel Research Corporation. (See Harvey, Mortimer T., assignor.)
- Harvel Research Corporation. (See Stage, L. J., and Harvey, assignors.)
- Harvey, Albert H. and F. J., Los Angeles, Calif. Propulsion apparatus. 2,331,073; Oct. 5.
- Harvey, Alexander T., Galveston, Tex. Mercury switch. 2,330,352; Sept. 23.
- Harvey, Arthur. (See Hanna, W. C., Kaiser, and Harvey.)
- Harvey, Beatrice M. and H. B., Philadelphia, Pa. Bottle cap. 2,337,241; Dec. 21.
- Harvey, Clarence, Canastota, N. Y. Ice creeper. 2,331,607; Oct. 12.
- Harvey, Clarence, Canastota, N. Y. Ice creeper. 2,331,609; Oct. 12.
- Harvey Corporation, The. (See Schaufelberger, William F., assignor.)
- Harvey, Frank, Cincinnati, Ohio, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Bus bar conduit. 2,309,611; Jan. 26.
- Harvey, Frank J. (See Harvey, A. H. and F. J.)
- Harvey, Frank M., assignor to General Engineering Company, Buffalo, N. Y. Rivet feeding device. 2,333,670; Nov. 30.
- Harvey, Henry B. (See Harvey, Beatrice M. and H. B.)
- Harvey, Herbert. (See Harvey, Leo M. and H., and Hill.)
- Harvey, Herbert, Los Angeles, Calif. Tying mechanism. 2,307,219; Jan. 5.
- Harvey, Herbert, Los Angeles, Calif. Control element. 2,333,248; Nov. 2.
- Harvey, Herbert, Los Angeles, assignor to L. M. Harvey, La Canada, Calif. Valve mechanism. 2,312,815; Mar. 2.
- Harvey, Jacquelin E., Jr., Washington, D. C., assignor of one-half to Southern Wood Preserving Company, East Point, Ga. Production of wood impregnated from high temperature coal tar fractions. Re. 22,269; Feb. 16.
- Harvey, Jacquelin E., Jr., Washington, D. C., assignor of one-half to Southern Wood Preserving Company, East Point, Ga. Process of producing wood preservatives. 2,239,393; Nov. 23.
- Harvey, Jacquelin E., Jr., Washington, D. C., assignor of one-half to Southern Wood Preserving Company, East Point, Ga. Process of producing solvents. Re. 22,400; Dec. 7.
- Harvey, Jacquelin E., Jr., Washington, D. C., assignor of one-half to Southern Wood Preserving Company, East Point, Ga. Solvent production. Re. 22,401; Dec. 7.
- Harvey, Jacquelin E., Jr., Atlanta, assignor of one-half to Southern Wood Preserving Company, East Point, Ga. Production of valuable liquids from liquid and solid hydrocarbons. 2,309,945; Feb. 2.
- Harvey, Jacquelin E., Jr., Atlanta, assignor of one-half to Southern Wood Preserving Company, East Point, Ga. Producing solvents. 2,310,190; Feb. 2.
- Harvey, Jacquelin E., Jr., Atlanta, assignor of one-half to Southern Wood Preserving Company, East Point, Ga. Conversion of creosote. 2,310,191; Feb. 2.
- Harvey, Jacquelin E., Jr., Atlanta, assignor of one-half to Southern Wood Preserving Company, East Point, Ga. Hydrocarbon conversion. 2,310,192; Feb. 2.
- Harvey, Jacquelin E., Jr., Atlanta, assignor of one-half to Southern Wood Preserving Company, East Point, Ga. Treating pits. 2,310,193; Feb. 2.
- Harvey, Jacquelin E., Jr., Atlanta, assignor of one-half to Southern Wood Preserving Company, East Point, Ga. Producing toxic material. 2,310,194; Feb. 2.
- Harvey, Jacquelin E., Jr., Atlanta, assignor of one-half to Southern Wood Preserving Company, East Point, Ga. Production of refined solvents. 2,319,987; May 25.
- Harvey, Jacquelin E., Jr., Atlanta, assignor of one-half to Southern Wood Preserving Company, East Point, Ga. Production of solvents. 2,319,988; May 25.
- Harvey, Jacquelin E., Jr., Atlanta, assignor of one-half to Southern Wood Preserving Company, East Point, Ga. Production of solvents. 2,319,989; May 25.
- Harvey, Jacquelin E., Jr., Atlanta, assignor of one-half to Southern Wood Preserving Company, East Point, Ga. Production of solvents. 2,319,990; May 25.
- Harvey, Jacquelin E., Jr., Atlanta, assignor of one-half to Southern Wood Preserving Company, East Point, Ga. Production of solvents. 2,319,991; May 25.
- Harvey, Jacquelin E., Jr., Atlanta, assignor of one-half to Southern Wood Preserving Company, East Point, Ga. Production of solvents and wood preservatives. 2,321,909; June 15.
- Harvey, James O. (See Mohr, E. L., and Harvey.)
- Harvey, James W., Lakeville, Conn., assignor of one-half to R. S. Allyn, New York, N. Y., and one-half to S. A. Harvey, Lakeville, Conn. Fish lure. 2,309,902; Feb. 2.
- Harvey, Kelsey I., Beaver, Pa. Grinding tool. 2,316,161; Apr. 13.
- Harvey, Leo M. (See Gудie, Ray W., assignor.)
- Harvey, Leo M. (See Harvey, Herbert, assignor.)
- Harvey, Leo M. (See Thacker, Ralph S., assignor.)
- Harvey, Leo M., Los Angeles, Calif. Washing machine. 2,323,993; July 13.
- Harvey, Leo M., La Canada, H. Harvey and R. Hill, Los Angeles, Calif.; said H. Harvey and said Hill assignors to said Leo M. Harvey. Device for providing refrigerants in containers. 2,316,423; Apr. 13.
- Harvey, Mortimer T. (See Stage, L. J., and Harvey.)
- Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Insulating part of storage batteries. 2,310,077; Feb. 2.
- Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Laminated product. 2,314,701; Mar. 23.
- Harvey, Mortimer T., East Orange, N. J., assignor, by mesne assignments, to The Harvel Corporation. Compositions of matter and methods and steps of making and using the same. 2,317,607; Apr. 27.
- Harvey, Mortimer T., East Orange, N. J., assignor to Harvel Research Corporation. Condensation product of formaldehyde and a terpene alcohol and making it. 2,323,129; June 29.
- Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Polymerized chloroprene-cashew nut shell liquid composition. 2,323,130; June 29.
- Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Aldehyde condensation products of residual ethers of cashew nut shell liquid. 2,323,131; July 29.
- Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Sulphonation process. 2,324,300; July 13.
- Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Composition of matter and method and steps of making and using the same. 2,326,297; Aug. 10.
- Harvey, Mortimer T., East Orange, N. J., assignor to Harvel Research Corporation. Composition of matter and method and steps of making and using the same. 2,327,422; Aug. 24.
- Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Compositions of matter and method and steps of making and using the same. 2,327,785; Aug. 24.
- Harvey, Mortimer T., East Orange, N. J., assignor to Harvel Research Corporation. Tertiary amyl alcohol-formaldehyde condensation product and preparing the same. 2,333,927; Nov. 9.
- Harvey, Mortimer T., East Orange, N. J., assignor to Harvel Research Corporation. Tertiary butyl alcohol-formaldehyde condensation product and preparing the same. 2,333,928; Nov. 9.
- Harvey, Mortimer T., East Orange, N. J., assignor to Harvel Research Corporation. Tertiary hexyl alcohol-formaldehyde condensation product and preparing the same. 2,333,929; Nov. 9.
- Harvey, Norman J., Lincoln, Neb. Condensed milk can opener and holder. 2,321,485; June 8.
- Harvey, Robert L., Collingswood, N. J., assignor to Radio Corporation of America. Variable permeability tuning system. 2,323,376; July 6.
- Harvey, Starr A., et al. (See Harvey, James W., assignor.)
- Harwood, Asa J., Richmond, Ind., assignor to The Atlas Underwear Company, Piqua, Ohio. Undergarment. 2,310,367; Feb. 9.
- Harwood, Asa J., Richmond, Ind., assignor to The Atlas Underwear Company, Piqua, Ohio. Undergarment. 2,336,248; Dec. 7.
- Harwood, Kenneth J., Neenah, Wis., assignor to International Cellucotton Products Company, Chicago, Ill. Dispensing carton. 2,323,395; July 6.
- Harwood, Paisley B. (See Evans, C. T., Harwood, and McNicol.)
- Harz, Walter, Dormagen, Kreis Neuss, H. Rein, Leipzig, E. Hubert, Dessau-Ziebig, and C. Kayser, Bitterfeld, Germany, vended in the Alien Property Custodian. Filter material. 2,324,838; July 20.
- Harza, Leroy F., Highland Park, Ill. Automatic latch. 2,324,699; July 20.
- Hasbrouck, Harold J., Jr., Merchantville, N. J., assignor to Radio Corporation of America. Sound translating apparatus. 2,311,385; Feb. 16.
- Hasbrouck, Harold J., Jr., Merchantville, N. J., assignor to Radio Corporation of America. Signal recording and reproducing system. 2,320,429; June 1.
- Hasbrouck, Harold J., Jr., Merchantville, N. J., assignor to Radio Corporation of America. Signal translating apparatus. 2,326,460; Aug. 10.
- Hinsche, Herbert H., Los Angeles, Calif. Spring leaf bearing and the like. 2,308,754; Jan. 19.
- Hasche, Rudolph, and W. B. Hinche, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Regenerative furnace for manufacture of acetylene by pyrolysis. 2,318,688; May 11.
- Hasche, Rudolph L., and W. B. Hinche, Kingsport, Tenn., assignors, by mesne assignments, to Wulf Process Company, Los Angeles, Calif. Manufacture of acetylene by regenerative type of pyrolysis. 2,319,679; May 18.

- Hascher, Eugene. (See Jackson, C. S., Parlani, and Hascher.)
- Hastel, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Floor rack. 2,315,202; Mar. 30.
- Hastel, Stacy M., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Car construction. 2,327,038; Aug. 17.
- Hastel, Stacy B., La Grange, assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,333,249; Nov. 2.
- Hastel, W. H., assignor to C. E. Taylor and H. E. Lorber, Elkhart, Ind., co-partners doing business as Taylor Sales Engineering Co. Floating oil filter. 2,318,220; May 4.
- Hassenberg, Werner, Rio de Janeiro, Brazil. Simultaneous transmitting and receiving system with electronic change-over device. 2,319,680; May 18.
- Hassenburger, Henry, Newark, N. J., and H. W. Corbett, assignors to Prebilt Housing Corporation, New York, N. Y. Metallic housing construction. 2,309,451; Jan. 26.
- Hassenburger, Henry, Newark, N. J., and H. W. Corbett, assignors to Prebilt Housing Corporation, New York, N. Y. Door casing construction. 2,309,452; Jan. 26.
- Hassenburger, Henry, Newark, N. J., and H. W. Corbett, assignors to PHC Housing Corporation, New York, N. Y. Prefabricated building wall. 2,309,453; Jan. 26.
- Hassenburger, Henry, Newark, N. J., and H. W. Corbett, assignors to Prebilt Housing Corporation, New York, N. Y. Wall panel securing means. 2,316,424; Apr. 13.
- Hassenburger, Henry, Newark, N. J., and H. W. Corbett, assignors to Prebilt Housing Corporation, New York, N. Y. Combination doorframe and casing. 2,316,425; Apr. 13.
- Hassenburger, Henry, Newark, N. J., and H. W. Corbett, assignors to Prebilt Housing Corporation, New York, N. Y. Building wall construction. 2,328,977; Sept. 7.
- Hassenburger, Henry, Newark, N. J., and H. W. Corbett, assignors to PHC Housing Corporation, New York, N. Y. Weather strip means for double-hung sash. 2,329,533; Sept. 14.
- Hassenzahl, Herbert E. (See Tillyer, E. D., and Hassenzahl.)
- Haskelberg, Leon. (See Bergmann, Ernest and Felix, and Haskelberg.)
- Haskin, Byron C., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Composite photograph. 2,337,327; Dec. 21.
- Haskins, William B., and H. Schlosberg, Los Angeles, Calif. Coin lock. 2,311,659; Feb. 23.
- Haskins, William B., and H. Schlosberg, Los Angeles, Calif. Coin lock. 2,329,988; Sept. 21.
- Haslach, Alfred R., New York, N. Y., and H. A. Rohdin, Glen Ridge, N. J. Hermetically sealed bag. 2,336,449; Dec. 7.
- Haslam, William H., assignor to Finsdale Limited, London, England. Vegetable washing machine. 2,326,350; Aug. 10.
- Hasler A.-G. Werke für Telephone und Präzisionsmechanik. (See Ochseneim, Walter, assignor.)
- Haspel, Wilhelm, Stuttgart-Heumaden, Germany; vested in the Allen Property Custodian. Vehicle. 2,328,144; Aug. 31.
- Hasselquist, Hugo S., Oak Park, Ill., assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Mechanical pencil tip. 2,332,323; Oct. 19.
- Hasselquist, Hugo S., Oak Park, Ill., and C. B. Nichols, Jr., assignors to Joseph Dixon Crucible Company, Jersey City, N. J. Clip. 2,330,281; Sept. 28.
- Hasselstrom, Torsten, Savannah, Ga. Stable tail oil products. 2,334,762; Nov. 23.
- Hasselstrom, Torsten, assignor of one-half to G & A Laboratories, Inc., Savannah, Ga. Stabilizing tail-oil materials. 2,311,386; Feb. 16.
- Hasselstrom, Torsten, assignor to G & A Laboratories, Inc., Savannah, Ga. Process of hydrating turpentine and like matters. 2,330,579; Sept. 28.
- Hasselstrom, Torsten, and B. L. Hampton, assignors to G & A Laboratories, Inc., Savannah, Ga. Producing chlorinated terpenes from turpentine. 2,337,043; Dec. 21.
- Hassler, Gerald L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Apparatus for measuring pressures in containers. 2,321,293; June 8.
- Hassler, John E., Portland, Oreg. Sawing wood. 2,326,854; Aug. 17.
- Hassler, Paul M., Batavia, assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Driving mechanism for conveyors. 2,309,587; Jan. 26.
- Hassman, Fred A. (See Nenniger, L. F., and Hassman.)
- Hassman, Fred A., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Milling machine control mechanism. 2,308,688; Jan. 19.
- Hassman, Fred A., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Milling machine. 2,327,107; Aug. 17.
- Hasson, Cecil J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Guide plate apparatus. 2,308,972; Jan. 19.
- Hastings, Clark L., Brighton, assignor to Rochester Manufacturing Co., Inc., Rochester, N. Y. Liquid level gauge. 2,311,387; Feb. 16.
- Hastings, Dana B., assignor to Denison Manufacturing Company, Framingham, Mass. Paper parachute. 2,337,192; Dec. 21.
- Hastings Manufacturing Company. (See Ackerman, Virgil D., assignor.)
- Hastings Manufacturing Company. (See Bauer, Edward L., assignor.)
- Hastings Manufacturing Company. (See Craig, Morris, assignor.)
- Hastings Manufacturing Company. (See Phillips, Harold F., assignor.)
- Hastings Manufacturing Company. (See Phillips, H. P., and Rivers, assignors.)
- Hastings, Roger W., Springfield, Mass., assignor to West Inghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cabinet construction. 2,311,540; Feb. 16.
- Hastings, Russell, Jr., Wellesley Hills, assignor to Lewis-Shepard Company, Watertown, Mass. Side delivery transporting machine. 2,309,730; Feb. 2.
- Hastings, Russell, Jr., Wellesley, assignor to Lewis-Shepard Company, Watertown, Mass. Truck having booster mechanism. 2,325,396; July 27.
- Hastings, Warren W., Brighton, assignor to Rochester Manufacturing Co., Inc., Rochester, N. Y. Temperature responsive instrument. 2,307,504; Jan. 5.
- Hastwell, Henry W., Hobart, Tasmania, Australia. Pea shelling apparatus. 2,325,509; July 27.
- Haueell, Arthur B., Birmingham, Ala. Apparatus for rolling uniform gauge sheet or strip. 2,335,001; Nov. 23.
- Hat Corporation of America. (See Rickus, G. M., assignor.)
- Hat Corporation of America. (See Rickus, G. M., and Braun, assignors.)
- Hat Corporation of America. (See Rickus, G. M., Rickin, and Hoffman, assignors.)
- Hatch, George B. (See Clarke, L. A., Hatch, and Pevere.)
- Hatch, George B. (See Pevere, E. F., Clarke, and Hatch.)
- Hatch, George B. (See Rice, O., and Hatch.)
- Hatch, J. Mack. (See Boyer, Samuel H., assignor.)
- Hatch, James W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Braking mechanism. 2,308,954; Jan. 19.
- Hatch, James W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Floating type hydraulic brake. 2,330,920; Jan. 19.
- Hatch, James W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Airplane brake. 2,324,979; July 20.
- Hatch, Lloyd A., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Waterproof abrasive block and producing the same. 2,309,108; Jan. 26.
- Hatch, Raymond S., assignor to Weyerhaeuser Timber Company, Longview, Wash. Separation and recovery of potassium compounds from magnesium bisulphite cooking liquor. 2,308,364; Jan. 12.
- Hatfield, Don S., et al., trustees. (See Glasman, L. H., and Burger, assignors.)
- Hatfield, George A., Los Angeles, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Gas lift device for wells. 2,313,066; Mar. 9.
- Hatfield, George A., Los Angeles, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Gas lift pump. 2,336,683; Dec. 14.
- Hatfield, John C., assignor of 1/4 to H. E. Holm, Tulsa, Okla. Paper pencil holder. 2,310,622; Feb. 9.
- Hatfield, Marcus R., Lakewood, Ohio, assignor to National Carbon Company, Inc. Treating emulsions. 2,336,482; Dec. 14.
- Hatfield, Marcus R., Lakewood, Ohio, assignor to National Carbon Company, Inc. Treating emulsions. 2,336,542; Dec. 14.
- Hathaway, Charles E., New York, N. Y., deceased; D. B. Hathaway, administratrix. Valve gear. 2,321,061; June 8.
- Hathaway, Claude M., Denver, Colo., assignor to General Electric Company. Automatic scleroscope. 2,318,993; May 11.
- Hathaway, Desdemona B., administratrix. (See Hathaway, Charles E.)
- Hathaway, Hubert B., Windsor, Ontario, Canada, assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Fabric folding and cutting machine. 2,311,541; Feb. 16.
- Hathaway, Hubert B., Windsor, Ontario, Canada, assignor to L. A. Young Spring & Wire Corporation, Detroit, Mich. Pocket-sewing machine. 2,318,686; May 11.
- Hathaway, Jarrett L. (See Goodale, E. D., and Hathaway.)
- Hathaway, Jarrett L., Manhasset, N. Y., assignor to Radio Corporation of America. Microphone. 2,309,108; Jan. 26.
- Hathaway, Jarrett L., Manhasset, N. Y., assignor to Radio Corporation of America. Variable signal response network. 2,323,598; July 6.
- Hathaway, Jarrett L., Cambridge, Mass., assignor to Radio Corporation of America. Electrical measuring circuit. 2,337,328; Dec. 21.
- Hathaway, Lawrence. (See Lee, L. P., Hathaway, and Sawbridge.)

- Hathaway, Lawrence, Coventry, assignor to Coventry Climax Engines Limited, Coventry, Warwickshire, England. Engine-driven pump. 2,309,505; Jan. 26.
- Hathaway, Lawrence, Coventry, assignor to Coventry Climax Engines Limited, Coventry, Warwickshire, England. Portable engine-driven pump. 2,330,488; Sept. 28.
- Hathaway, Louis M. (See Shannon, J. W., Hathaway and McKee.)
- Hathorn, Charles E., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Rivet. 2,326,855; Aug. 17.
- Hathorn, Charles E., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Screw and making same. 2,331,608; Oct. 12.
- Hattan, Mark, Dayton, Ohio. End fitting for high pressure hose. 2,328,013; Aug. 31.
- Hattan, Mark, Dayton, and G. F. Schauer, Osborn, Ohio. End fitting for flexible hose. 2,329,198; Sept. 14.
- Hattox, Erwin M. (See Stahly, E. E., and Hattox.)
- Hauer, Leon C. (See Speicher, F. S., and Hauer.)
- Haug, Anton J., Nashua, N. H. Centrifugal screening machine for paper stock and similar material. 2,312,545; Mar. 2.
- Haug, Eugene H. (See Young, H. E., and Haug.)
- Haug, John S., Philadelphia, Pa. assignor to United Engineers and Constructors, Inc. Gas condenser. 2,310,234; Feb. 9.
- Haug, Richard J., Oakland, Maine. Tenon anchor. 2,318,776; May 11.
- Hauge, Andrew, Claremont, N. H., assignor to Claremont Waste Manufacturing Company. Flock cutter. 2,310,235; Feb. 9.
- Hauge, Andrew, Claremont, N. H., assignor to Claremont Waste Manufacturing Company. Flock cutting machine. 2,310,236; Feb. 9.
- Hauge, Andrew, Claremont, N. H., assignor to Claremont Waste Manufacturing Company. Screen unit. 2,321,675; June 15.
- Hauge, Henry, Buxton, N. Dak. Windrow turning machine. 2,315,522; Apr. 6.
- Hauger, Carl C. H. (See Gladfelter, W. L., and Hauger.)
- Haugh, Raymond R., assignor to Vernon C. Usher, Chicago, Ill. Apparatus for evaporating fluid materials. 2,327,889; Aug. 24.
- Haughey, Rodger F. (See Goldberg, M. E., and Haughey.)
- Hauguel, Robert, Le Havre, France; vested in the Alien Property Custodian. Device for the control of the fuel supply of engines. 2,313,000; Mar. 2.
- Hammerson, Clifford C., Janesville, Wis. Tool handle. 2,324,839; July 20.
- Haunty, J. F., Dayton, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Clutch control mechanism. 2,324,080; July 13.
- Hauptman, Wesley R., Los Angeles, Calif. Cologne container. 2,328,338; Aug. 31.
- Haury, Vernon E. (See Allen, C. C., and Haury.)
- Haury, Vernon E. (See Ballard, S. A., and Haury.)
- Hausbeck, Charles, New York, N. Y. Combined holder for screw and screw drivers. 2,310,287; Feb. 9.
- Hausehold, Frederick J., Oneonta, N. Y. Vehicle wheel. 2,325,953; Aug. 3.
- Hause, Ralph R., Montpelier, assignor to Reconstruction Finance Corporation, Cleveland, Ohio. Inside hone for cylinders. 2,330,184; Sept. 21.
- Hausser, Albert J., Bloomington, and A. J. Stalter, Normal, assignors to Paul E. Rich Company, Bloomington, Ill. Coating device. 2,335,119; Nov. 23.
- Hausser, Charles G., E. O. Bierbaum, and H. J. Miller, assignors to Carolene Products Company, Litchfield, Ill. Treating milk. 2,335,275; Nov. 30.
- Hausser, Ernst A., Cambridge, Mass., assignor to Research Corporation, New York, N. Y. Waterproofing inorganic hydrous oxide bodies, and product. 2,317,685; Apr. 27.
- Hausser, Fred, Los Angeles, Calif. Control device for sequential operation of service valves. 2,311,108; Feb. 16.
- Hausser, Hans, Bienne, assignor to the firm A.-G. für Optisch-mechanische Erfindungen, Coire, Switzerland. Optical testing and measuring apparatus. 2,313,639; Mar. 9.
- Hausser, Peter S., Minneapolis, Minn. Flashing and jacket for vent pipes. 2,307,269; Jan. 5.
- Haushalter, Fred L., Akron, Ohio, and L. L. Horschitz, Los Angeles, Calif., assignors to The B. F. Goodrich Company, New York, N. Y. Protector for drill stems. 2,325,132; July 27.
- Hausler, George M. (See Butler, W. L., and Hausler.)
- Hausler, George M., Ballston Lake, N. Y., assignor to General Electric Company. Thermoresponsive circuit controller. 2,307,497; Jan. 5.
- Hausler, George M., Ballston Lake, N. Y., assignor to General Electric Company. Condition responsive control. 2,314,210; Mar. 16.
- Hausler, George M., Ballston Lake, N. Y., assignor to General Electric Company. Condition responsive control. 2,314,211; Mar. 16.
- Hausler, George M., Ballston Lake, N. Y., assignor to General Electric Company. Snap action device. 2,332,911; Oct. 26.
- Hausmann, Joseph A. (See Gildea, C. W., and Hausmann.)
- Hausser, Anthony A. (See Hausser, Carl A.)
- Hausser, Carl A. and A. A., Philadelphia, Pa. Erythrocytometer. 2,322,128; June 15.
- Hausmann, Hans. (See Kroeper, H., and Hausmann.)
- Haustrup, Niels J., Tønderlundvej, Odense, Denmark; vested in the Alien Property Custodian. Key-opening car. 2,313,198; Mar. 9.
- Hauswirth, Vernon O. (See Zink, W. L., Hauswirth, and Geistwhite.)
- Haut, Jacob, Brooklyn, N. Y. Torpedo interceptor. 2,311,388; Feb. 16.
- Hautsch, Hans, Meuselwitz, Thur, Germany; vested in the Alien Property Custodian. Presetting gear change. 2,330,580; Sept. 28.
- Hautzenroeder, Richard W., Mansfield, Ohio. Filter. 2,320,725; June 1.
- Haux, Elmer H., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Composite building unit. 2,310,432; Feb. 9.
- Havel, Victor, assignor to L. L. Paper Products, Inc., Chicago, Ill. Loose-leaf construction. 2,324,259; July 13.
- Havel, Victor, Northbrook, Ill., assignor of one-half to M. E. Weinert, Austin, Tex. Display device. 2,324,926; July 20.
- Havemann, Hinrich, and K. Weichert, Leuna, Germany; vested in the Alien Property Custodian. Purification of trialkyl and triaryl phosphates. 2,335,511; Nov. 30.
- Haven, Charles D., and J. J. Hopfield, assignors to Libbey Owens-Ford Glass Company, Toledo, Ohio. Apparatus for use in the fabrication of multiply glass sheet glazing units. 2,334,624; Nov. 16.
- Havener, Arthur R., Wayland, assignor to Judson L. Thompson Manufacturing Company, Waltham, Mass. Radial fastener setting machine. 2,315,258; Mar. 30.
- Havener, Arthur R., Wayland, assignor to Judson L. Thompson Manufacturing Company, Waltham, Mass. Machine and stop motion therefor. 2,336,249; Dec. 7.
- Havens, Glenn G. (See Bull, A. W., and Havens.)
- Havens, Glenn G. (See Bull, A. W., Havens, and Williams.)
- Havens, Glenn G. (See Moore, O. B., Havens, and Wile.)
- Havens, Glenn G. (See Thacher, S. P., and Havens.)
- Haver, Ralph L., assignor to The Ryan Aeronautical Company, San Diego, Calif. Ball and socket joint. 2,329,369; Sept. 14.
- Hawaiian Pineapple Company, Limited. (See Botley, Richard M., assignor.)
- Hawaiian Pineapple Company, Limited. (See Stanley, Albert E., assignor.)
- Hawaiian Pineapple Company, Limited. (See Vinson-baler, George R., assignor.)
- Hawk, Elwin A., Canton, Ohio. Method and apparatus for pressure treatment of materials for changing the gas content thereof. 2,333,565; Nov. 2.
- Hawk, Eugene M., deceased, Manila, P. I., Luz M. Hawk, Manila, P. I., administratrix, vested in the Alien Property Custodian. Process of treating chromite ores, particularly malinco ore to obtain therefrom aluminum, chromium, and other products. 2,316,320; Apr. 13.
- Hawk, Henry W. N. (See Bokovsky, S. A., and Hawk.)
- Hawk, Henry W. N., Merchantville, N. J., assignor to Radio Corporation of America. Finishing cut-crystal elements. 2,323,599; July 6.
- Hawk, Howard B., et al. (See Stephenson, William E., assignor.)
- Hawk, Luz M., administratrix. (See Hawk, Eugene M.)
- Hawkins, Arthur D., assignor to F. W. Griswold, Minneapolis, Minn. Rotary pump. 2,334,763; Nov. 23.
- Hawkins, Ernest L., Chicago, Ill. Paintbrush. 2,329,534; Sept. 14.
- Hawkins, Frank D., Sioux Falls, S. Dak. Recoll pad. 2,320,430; June 1.
- Hawkins, Fred P., Kokomo, Ind., assignor to Haynes Stellite Company. Knife and making same. 2,335,249; Nov. 30.
- Hawkins, John N. A. (See Garity, W. E., and Hawkins.)
- Hawkins, Hoke M., Los Alamos, assignor of one-third to G. M. Scott, one-tenth to D. Acquistapace, Santa Maria, and five per cent to S. E. Careaga, Los Alamos, Calif. Cigarette extinguisher and ash tray. 2,319,861; May 25.
- Hawkins, James R. (See Hass, O., and Hawkins.)
- Hawkins, Paul S., Los Angeles, Calif. Router. 2,322,129; June 15.
- Hawkins, Reginald R., Eastchester, N. Y. Manicuring device. 2,337,388; Dec. 21.
- Hawkinson, Paul E., assignor to Paul E. Hawkinson Company, Minneapolis, Minn. Producing tire retreading molds. 2,331,679; Oct. 12.
- Hawkinson, Paul E., assignor to Paul E. Hawkinson Company, Minneapolis, Minn. Tire retreading mold. 2,331,680; Oct. 12.
- Hawkinson, Paul E., Company. (See Hawkinson, Paul E., assignor.)
- Hawkinson, Roy E., Detroit, Mich. Dental apparatus. 2,307,677; Jan. 5.
- Hawks, Robert C., and E. M. Skinner, Augusta, Kans., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method and apparatus for handling asphalt. 2,313,389; Feb. 16.
- Hawley, Amos H., Sr., and E. D. Vancil, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Broaching machine. 2,308,689; Jan. 19.

- Hawley, Charles G., deceased; H. H. Degenhardt and V. T. Hawley, executors, assignors, by mesne assignments, to Hawley Engineering Corporation, Cleveland, Ohio. Water purification. 2,311,830; Feb. 23.
- Hawley, Don M. (See Bauer, H. F. and J. V., and Hawley, J.)
- Hawley, Don M. (See Bauer, J. V., and Hawley.)
- Hawley Engineering Corporation. (See Hawley, Charles G., assignor.)
- Hawley, Jesse B. (See Kyle, Colin, assignor.)
- Hawley, Jesse B. (See Sloan, E. C., and Liberman, assignors.)
- Hawley, Jesse G., Painted Post, N. Y. Power booster. 2,319,231; May 18.
- Hawley, John B., Jr., Minneapolis, Minn. Hydraulic pump construction. 2,307,719; Jan. 5.
- Hawley, John B., Jr., C. G. Nathe, J. T. Gondek, and I. Nelson, assignors, by mesne assignments, to Northern Pump Company, Minneapolis, Minn. Pump of the swash plate type. 2,307,041; Jan. 5.
- Hawley, John F., Riverside, Ill. Printing press. 2,334,820; Nov. 23.
- Hawley, John F., Riverside, Ill. Printing press. 2,334,821; Nov. 23.
- Hawley, Thomas G., Jr. (See Teague, M. C., and Hawley, Jr.)
- Hawley, Virginia T., et al., executors. (See Hawley, Charles G.)
- Hawthorne, Charles W., assignor to Morgan Construction Company, Worcester, Mass. Rolling mill guide. 2,325,297; July 27.
- Hawthorne, Eugene P., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Wheel. 2,334,673; Nov. 16.
- Hawthorne, Laurence, Los Angeles, Calif. Captive parachute device. 2,311,171; Feb. 16.
- Hawtin, Philip R. (See Daly, A. J., Hawtin, and Shaw.)
- Hawtin, Philip R. (See Rooney, J. H., Hawtin, and Macpherson.)
- Hawtin, Philip R., and C. Gardner, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of sheet materials. 2,320,431; June 1.
- Hay, John O., Cleveland Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Manufacture of copper sulphide. 2,332,145; Oct. 19.
- Haycock, John. (See England, I. W., and Haycock.)
- Haycock, John, Larchmont, assignor to Continental Can Company, Inc., New York, N. Y. Container and end closure therefor. 2,324,387; July 13.
- Haycock, John, Larchmont, assignor to Continental Can Company, Inc., New York, N. Y. Container. 2,337,656; Dec. 28.
- Hayden, Kenneth F. (See Kalichevsky, V. A., Scafe, and Hayden.)
- Hayden, Merrill A., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,318,855; May 11.
- Hayden, William L., Bryn Mawr, Pa. Animal exercising anchorage. 2,314,941; Mar. 30.
- Hayes, Clyde B., Saratoga Springs, and H. J. Czech, Sellersville, assignors to Van Ralte Company, Inc., New York, N. Y. Stop means for textile machines. 2,330,212; Sept. 28.
- Hayes, Edward F. (See Clark, T. T., Stanley, and Hayes.)
- Hayes, H. C. (See Fell, James R., assignor.)
- Hayes, Hal, Los Angeles, Calif. Collapsible wall form. 2,307,678; Jan. 5.
- Hayes Industries, Inc. (See Hollerith, Charles, assignor.)
- Hayes Industries, Inc. (See King, James T., assignor.)
- Hayes, John E., Montreal, Quebec, Canada. Low resistance switching device. 2,325,854; Aug. 3.
- Hayes, Lynn O., St. Louis, Mo., assignor to F. L. Smythe Machine Co., Inc., New York, N. Y. Apparatus for obviating distortion in gummed margins of sheetlike articles. 2,323,219; July 29.
- Hayes, Oswald G., North Hempstead, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Transfer device. 2,325,205; July 27.
- Hayes, Stanley W., assignor, to Hayes Track Appliance Company, Richmond, Ind. Bumping post. 2,308,877; Jan. 19.
- Hayes, Stanley W., assignor to Hayes Track Appliance Company, Richmond, Ind. Torch cutting apparatus. 2,317,526; Apr. 27.
- Hayes, Stanley W., assignor to Hayes Track Appliance Company, Richmond, Ind. Bumping post. 2,318,940; May 11.
- Hayes, Stanley W., assignor to Hayes Track Appliance Company, Richmond, Ind. Mower. 2,328,803; Sept. 7.
- Hayes Track Appliance Company. (See Hayes, Stanley W., assignor.)
- Haykin, Jacob, Brooklyn, N. Y. Flatiron support. 2,328,718; Sept. 7.
- Hayman, Charles L., and W. M. Fountain, Oakland, Calif. Device for forming and slicing butter and the like. 2,324,208; July 13.
- Haymond, Paul, Fairmont, W. Va. Control apparatus. 2,316,066; Apr. 6.
- Haynes, Artemas J., Jackson Heights, N. Y. Photometer. 2,324,581; July 20.
- Haynes, Cecil J., Houston, Tex., assignor to Standard Oil Development Company. Rotating contact device. 2,307,887; Jan. 12.
- Haynes, James R., Nyack, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal translating device. 2,314,938; Mar. 30.
- Haynes, Joseph D. (See Barlow, B. B., and Haynes.)
- Haynes, Robert E., San Francisco, Calif. Outlet box. 2,324,155; July 13.
- Haynes Stellite Company. (See Brennan, Joseph H., assignor.)
- Haynes Stellite Company. (See Burgess, C. O., and Fergong, assignors.)
- Haynes Stellite Company. (See Hawkins, Fred P., assignor.)
- Haynes Stellite Company. (See Wissler, William A., assignor.)
- Haynes, William H., Little Rock, Ark. Chuck for grooving and surfacing machines. 2,313,640; Mar. 9.
- Hays Corporation, The. (See Burns, F. D., and Thorne, assignors.)
- Hays Corporation, The. (See Sprague, Charles A., assignor.)
- Hays, Harrison L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,329,834; Sept. 21.
- Hays, Harrison L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of natural gasoline. 2,337,601; Dec. 28.
- Hays, Robert F., Jr., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Starting relay circuit for fluorescent lamps. 2,313,744; Mar. 16.
- Hays, Robert F., Jr., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical safety device. 2,332,077; Oct. 19.
- Hays, Robert F., Jr., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Time delay glow switch. 2,321,910; June 15.
- Hays, Robert F., Jr., Bloomfield, N. J., and C. H. Hodgkins, Fairfield, Conn., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermal switch for fluorescent lamps. 2,313,745; Mar. 16.
- Hays, Robert F., Jr., Bloomfield, and A. L. Herman, Montclair, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gaseous discharge lamp. 2,315,286; Mar. 30.
- Hays, Samuel E. (See Ballard, C. H., Banter, and Hays.)
- Hayssen Manufacturing Company. (See Hayssen, W. A., and Horwitz, assignors.)
- Hayssen, William A., and D. R. Horwitz, assignors to Hayssen Manufacturing Company, Sheboygan, Wis., a co-partnership consisting of William Hayssen, Jane P. Hayssen, and Marie Hayssen Perry. Fractional wrapped loaf assembling and aligning device. 2,318,221; May 4.
- Hayter, Bruce. (See Breese, J. L., Hayter, and Perry.)
- Hayter, Bruce, assignor to Oil Devices, Santa Fe, N. Mex. Thermostatic float valve adjustment. 2,336,750; Dec. 14.
- Hayto, Harold B., London, and W. B. Mattinson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Knitted fabric and its production. 2,323,396; July 6.
- Hayward, John T., Tulsa, Okla. Well depth recording. 2,316,219; Aug. 10.
- Haywood, Gerald, Westernport, Md., assignor to West Virginia Pulp and Paper Company, New York, N. Y. Satin white and making the same. 2,310,693; Feb. 9.
- Hazard, Charles S., Andover, N. J., assignor to Neptune Meter Company. Universal predetermined autostop register. 2,322,712; June 22.
- Hazard, John G., and A. E. Arslan, Los Angeles, assignors to Vultee Aircraft, Inc., Vultee Field, Calif. Airplane aileron. 2,312,546; Mar. 2.
- Hazard, William J., Boulder, Colo. Toilet ventilating system. 2,322,515; June 22.
- Hazel-Atlas Glass Company. (See Biggs, Charles M., assignor.)
- Hazell, Eardley, North Kingstown, R. I., assignor to United States Rubber Company, New York, N. Y. Manufacturing rubber thread. 2,323,132; June 29.
- Hazeltine, Benjamin P., Chicopee Falls, and E. R. Derby, Springfield, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Manufacture of continuous sheets or webs of plastic material. 2,330,282; Sept. 28.
- Hazeltine Corporation. (See Case, Nelson P., assignor.)
- Hazeltine Corporation. (See Curtis, Leslie F., assignor.)
- Hazeltine Corporation. (See Freeman, R. L., and Tyson, assignors.)
- Hazeltine Corporation. (See Hergenrother, Rudolf C., assignor.)
- Hazeltine Corporation. (See Lewis, Harold M., assignor.)
- Hazeltine Corporation. (See Loughren, Arthur V., assignor.)
- Hazeltine Corporation. (See Malling, Leonard R., assignor.)
- Hazeltine Corporation. (See Wheeler, Harold A., assignor.)
- Hazeltine Corporation. (See Wilson, John C., assignor.)

- Hazeltin, George, and C. H. James, Leicester, England, assignors to United Shoe Machinery Corporation. Flemington, N. J. Heel groove molding machine. 2,313,937; Mar. 16.
- Hazeltin, Merrill W., assignor to The Cincinnati Shaper Company, Cincinnati, Ohio. Hold-down means for shears and the like. 2,323,770; July 6.
- Hazen, Adelbert G., Centerline, assignor to Chrysler Corporation, Highland Park, Mich. Material handling device. 2,319,456; May 18.
- Hazen, Ethmer J. (See Devol, M. L., Crist, and Hazen.)
- Hazen, Lysle L., Detroit, Mich. Earth drilling mechanism. 2,328,274; Aug. 31.
- Hazle, Albert J., Jr., assignor to B. F. Gump Co., Chicago, Ill. Method of and apparatus for treating coffee. 2,323,771; July 6.
- Heacock, Woodrow A., Inglewood, H. B. Swift, Redondo Beach, and W. Spyker, Inglewood, Calif. Game device. 2,313,473; Mar. 9.
- Head, George A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic dial. 2,319,321; May 18.
- Head, John, assignor of one-fourth to M. Purvis and one-fourth to J. B. Reeves, Florence, S. C. Waste retainer for journal boxes. 2,312,713; Mar. 2.
- Head, Saul, Sunnyside, N. Y. Coin packet. 2,331,188; Oct. 5.
- Head, Wrightson & Company, Limited. (See Lake, Norman C., assignor.)
- Headley, F. M., Pleasantville, N. J. Fluid drive clutch. 2,313,435; Mar. 9.
- Headley, Hal P. (See Lessig, E. T., and Headley.)
- Heald, Eugene H., Jr., Bellevue, Pa. Rotary steel rail base stop clip. 2,319,862; May 25.
- Heald Machine Company, The. (See Schmidt, W. D., and St. John, assignors.)
- Heald Machine Company, The. (See Scott, Gerald D., assignor.)
- Heald, Robert F., and A. L. Schulerud, Nutley, assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Soapmaking. 2,316,689; Apr. 13.
- Healis, George A. (See Harlow, W. G., Healis, and Williams.)
- Healey, Raymond. (See Erickson, John E., assignor.)
- Healy, Maurree F. (See Allen, C. K., and Healy.)
- Healy, Patrick J., Detroit, Mich. Swivelly mounted coupling nut. 2,316,690; Apr. 13.
- Healy, Patrick J., Detroit, Mich. Swivelly mounted nut. 2,324,388; July 13.
- Healy, Thomas J., Baltimore, Md., assignor to American Brake Shoe Company, Wilmington, Del. Bearing. 2,324,700; July 20.
- Heaney, Donald, Essex Junction, Vt. Casement window. 2,326,856; Aug. 17.
- Heany Industrial Ceramic Corporation. (See Heany, John A., assignor.)
- Heany, John A., New Haven, Conn., assignor to Heany Industrial Ceramic Corporation, Rochester, N. Y. Ceramic from bauxite and making same. 2,310,955; Feb. 16.
- Heany, John A., New Haven, Conn., assignor to Heany Industrial Ceramic Corporation, Rochester, N. Y. Bauxite ceramic and making same. 2,311,228; Feb. 16.
- Heany, John A., New Haven, Conn., assignor to Heany Industrial Ceramic Corporation, Rochester, N. Y. Making magnesia ceramics. 2,313,746; Mar. 16.
- Heaps, William B. (See Willis, Edward E., assignor.)
- Heard, Edward C., Los Angeles, Calif. Vibrator attachment for washing machines. 2,314,981; Mar. 30.
- Heard, Joseph R., Jr., New York, N. Y., assignor, by mesne assignments, to Wyandotte Chemicals Corporation, Wyandotte, Mich. Catalytic process for purifying ethylene. 2,328,275; Aug. 31.
- Heard, Llewellyn. (See Marschner, R. F., Heard, and Oblad.)
- Heard, Llewellyn. (See Oblad, A. G., and Heard.)
- Hearn, Richard B. (See Dahibom, C. A., and Hearn.)
- Hearn, William R., Cincinnati, Ohio. Pupillary scales. 2,326,030; Aug. 3.
- Hearne, George W. (See Groll, H. P. A., Hearne, and von Stietz.)
- Hearne, George W., and G. A. Stenmark, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of conjugated poly-olefins. 2,325,398; July 27.
- Hearst, Jack W. (See Fortis, Oscar, assignor.)
- Heart, Herbert L., Yonkers, and L. I. Davis, assignors to Otis Elevator Company, New York, N. Y. Electrical control system. 2,330,489; Sept. 28.
- Heaslet, James G., Hudson, assignor to The Cleveland Tractor Company, Cleveland, Ohio. Track wheel suspension for track-laying tractors. 2,308,331; Jan. 12.
- Heaslet, James G., Hudson, assignor to The Cleveland Tractor Company, Cleveland, Ohio. Crawler tractor side frame construction. 2,315,421; Mar. 30.
- Heasley, Loyd E., and W. C. De Roo, assignors to Hart & Cooley Manufacturing Company, Holland, Mich. Damper regulator. 2,323,038; June 29.
- Heat Transfer Products, Inc. (See Jacobs, George T., assignor.)
- Heath, A. R. N., and T. C. Tapp, London, England. Coiling strip material. 2,327,263; Aug. 17.
- Heath, Chadwick N. (See Heath, Frederick, assignor.)
- Heath, Dudley E., assignor to Servel, Inc., New York, N. Y. Refrigerator structure. 2,319,600; May 18.
- Heath, Earl L., Marinette, Wis. Vehicle wheel lock. 2,328,339; Aug. 31.
- Heath, Frank W. (See Ruys, J. D., Kittle, Heath, and Ditz.)
- Heath, Frederick, Tacoma, Wash., assignor to C. N. Heath, Decatur, Ga. Making reinforced concrete floors. 2,315,956; Apr. 6.
- Heath, Harry E., assignor to Stanolind Pipe Line Company, Tulsa, Okla. Valve locking device. 2,316,956; Apr. 20.
- Heath, Sheldon B., assignor to The Dow Chemical Company, Midland, Mich. Spray evaporator. 2,327,039; Aug. 17.
- Heath, Sheldon B., and W. P. Schambra, Midland, Mich., assignors to Blaw-Knox Company, Pittsburgh, Pa. Gas and liquid contact apparatus. 2,332,224; Oct. 19.
- Heath, William C., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Electric forming apparatus. 2,313,067; Mar. 9.
- Heath, William C., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Grating attachment. 2,320,593; June 1.
- Heath, William C., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Heating and forming tubular bodies. 2,322,444; June 22.
- Heath, William C., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Manufacturing grating. 2,335,181; Nov. 23.
- Heath, Wilfrid P., Richmond Beach, Wash. Light fixture. 2,329,268; Sept. 14.
- Heatherly, Lynn G., Whiteville, N. C. Telegraphic transmitter. 2,323,133; June 29.
- Heaton, Harold F., Los Angeles, Calif. Adjustable clamp. 2,321,611; June 15.
- Heaton, James. (See Delamere, R. D., Williams, Grange, and Heaton.)
- Heaton, James. (See Forbes, L. J.-B., and Heaton, assignors.)
- Heaton, Walter H., Franklin, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Making composite fabric. 2,331,321; Oct. 12.
- Heaven, George S., Chedzoy, Bridgewater, Somerset, and W. Berry, Bridgewater, Somerset, England, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproofing coating composition. 2,311,831; Feb. 23.
- Heavens, E. M., et al. (See Hugs, Henry M., assignor.)
- Heavey, William F. (See Ebbs, Vernon M., assignor.)
- Hebeler, Edward S., Williamsville, N. Y., assignor, by mesne assignments, to Unit Rays, Inc., Cleveland, Ohio. Method of and apparatus for welding metal. 2,319,401; May 18.
- Hebeler, Edward S., Williamsville, N. Y., assignor of one-half to Unit Rays, Inc., Cleveland, Ohio. Welder's mask or helmet. 2,337,389; Dec. 21.
- Hebenstreit, Harry C., Alliance, Ohio. Decorating press. 2,335,840; Nov. 30.
- Heber, William E., Wilmington, Calif. Finger grip wiper for bowling balls. 2,315,054; Mar. 30.
- Heberlein, Max F. V., Rahway, and N. B. Bierly, Aveler, N. J., assignors to The American Metal Company, Limited, New York, N. Y. Removal of arsenic from lead containing it. 2,335,758; Nov. 30.
- Heberlein Patent Corporation. (See Lorenz, F., and Weiss, assignors.)
- Hebert, Peter, New Bedford, Mass. Scaling ladder. 2,337,816; Dec. 28.
- Hechstreit, Herold H., Mio, Mich., assignor to C. Brinker, Bad Axe, Mich. Window construction. 2,309,067; Jan. 19.
- Hechenbleikner, Ingenuin. (See Roblin, R. O., Jr., and Hechenbleikner.)
- Hechenbleikner, Ingenuin, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Cyanomethyl chloroformate and preparing the same. 2,307,679; Jan. 5.
- Hechenbleikner, Ingenuin, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of chloroacetonitrile. 2,331,681; Oct. 12.
- Hechenbleikner, Ingenuin, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Manufacturing of chloroacetonitrile. 2,331,682; Oct. 12.
- Hecht, George, Astoria, N. Y., A. Lundstrom, East Orange, N. J., and E. R. Taylor, Pelham Manor, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,332,912; Oct. 26.
- Hecht, Otto. (See Reppe, W., Keyssner, and Hecht.)
- Hecht, Otto, and H. Prillwitz, Ludwigshafen-on-the-Rhine, and I. Dane, Leverkusen-Schiebusch, Germany, vested in the Alien Property Custodian. Preparation of composite rubber articles. 2,337,464; Dec. 21.
- Hecht, Walter, Loka Pri Zidanemost, Jugoslavia; vested in the Alien Property Custodian. Device for injectively treating plants. 2,309,391; Jan. 26.
- Hechtenberg, Wilhelm. (See Zerweck, W., and Hechtenberg.)
- Heck, Adele de Berrie. (See Roessner, William L., assignor.)
- Heck, Edward. (See Groncy, C. W., and Heck.)
- Heckethorn, William W., Littleton, Colo. Lens board lock for cameras. 2,319,681; May 18.

- Heckman, John A., assignor to Miller Wrapping and Sealing Machine Company, Chicago, Ill. Wrapping machine. 2,320,865; June 1.
- Heckmanns, Franz. (See Fritsch, E. and Heckmanns.)
- Hed, Oscar A. (See Cantrell, M. L. and Hed.)
- Hedberg, Carl A., Roselle Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge apparatus. 2,321,912; June 15.
- Hedden, Harry G., Bay Pines, Fla. Article displaying attachment for crutches. 2,311,049; Feb. 16.
- Heddon, Charles, assignor to James Heddon's Sons, Dowagiac, Mich. Weed guarded fish lure. 2,307,836; Jan. 12.
- Heddon, Charles, Dowagiac, Mich., by John Heddon of St. Joseph, Mich., executor, assignor to James Heddon's Sons, Dowagiac, Mich. Weed guarded fish lure. 2,333,174; Nov. 2.
- Heddon, John, executor. (See Heddon, Charles.)
- Heddon, John, assignor to James Heddon's Sons, Dowagiac, Mich. Spoon bait. 2,311,985; Feb. 23.
- Heddon's, James, Sons. (See Heddon, Charles, assignor.)
- Heddon's, James, Sons. (See Heddon, John, assignor.)
- Heddon's, James, Sons. (See McArthur, Joseph, assignor.)
- Hedeen, Carl. (See Hedeen, Henry V. and C.)
- Hedeen, Henry V. and C., assignors to Drive Twin Truck Company, Detroit, Mich. Vehicle seat adjustment and lock. 2,334,193; Nov. 16.
- Hedgcs, W. D., J. C. Lowman, and T. J. Kerr, assignors to Columbus Textile Fabrics Corporation, Columbus, Ohio. Making wet materials for radneuses, etc. 2,331,977; Oct. 19.
- Hediger, Arthur, Zurich, Switzerland. Manufacturing device. 2,330,886; Oct. 5.
- Heding, Gustave, assignor to Teletype Corporation, Chicago, Ill. Quick change chuck. 2,336,095; Dec. 7.
- Hedling, Linzie K., Wilkesburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Voltage regulating apparatus. 2,316,331; Apr. 15.
- Hedling, Linzie K., Wilkesburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical regulating apparatus. 2,322,130; June 15.
- Hedeman, William N., Cincinnati, and W. E. Snyder, Silicon, assignors to The Edna Brass Mfg. Company, Cincinnati, Ohio. Single valve gear for plural valve control. 2,314,812; Mar. 23.
- Hedenberg, Roy W., Brooklyn, N. Y. Safety block. 2,313,437; Mar. 9.
- Hedgcs, Harry O., Seattle, Wash. Internal combustion engine. 2,322,293; June 22.
- Hedgpath, Theron L. (See Courtney, Joseph F., assignor.)
- Hedlund, William T., New Rochelle, assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,310,601; May 13.
- Hedman, Gustave H. (See Kitchen, H. E., and Hedman.)
- Hedman, Sverker N., Stoneham, Mass. assignor to General Electric Company. Elastic fluid turbine arrangement. 2,328,457; Aug. 31.
- Hedeman, William N. (See Einwaechter, F. E., Jr., and Hedeman.)
- Hedmark, Martin. (See Munters, C. G., and Hedmark.)
- Hedrick, Clarence E., Newton, Kans. Safety sanitary guard for drinking troughs of poultry fountains. 2,316,426; Apr. 13.
- Hedrick, Clarence E., Newton, Kans. Sanitary safety guard for poultry drinking fountains. 2,316,427; Apr. 13.
- Hedrick, Clarence E., Newton, Kans. Livestock feeder. 2,335,337; Nov. 30.
- Hedrick, Elmer D., Fort Lauderdale, Fla. Collapsible bank house. 2,329,611; Sept. 14.
- Hedstrom, Lars, Orange, N. J. Rivet construction. 2,333,930; Nov. 9.
- Hedstrom-Union Company. (See Confi, John A., assignor.)
- Heed, Samuel D., Cincinnati, Ohio, and E. C. Hake, Park Hills, Ky., assignors to The Gibson Art Company, Cincinnati, Ohio. Merchandising rack. 2,333,717; Nov. 9.
- Heeger, Benjamin D. (See Andrews, D. P., and Heeger.)
- Heekin Can Company, The. (See Marx, Frederick C., assignor.)
- Heeman & Froude Limited. (See Walker, George H., assignor.)
- Heeter, Edward W., Belvidere, Ill., and R. C. Woodhead, Elizabeth, N. J., assignors to Central Rubber & Mfg. Co., Chicago, Ill. Bottle stopper and siphon. 2,326,641; Aug. 10.
- Hefel, Karl, Innsbruck, Germany; vested in the Alien Property Custodian. Control means for X-ray tubes. 2,319,322; May 18.
- Hefel, Karl, Innsbruck, Austria; vested in the Alien Property Custodian. Power transmission. 2,330,581; Sept. 28.
- Hefele, Edward J. (See Simon, E. J., and Hefele.)
- Hefele, Edward J., Amityville, N. Y. Right-left indicating direction finder system. 2,329,199; Sept. 14.
- Hefele, Edward J., assignor to Jefferson-Travis Radio Manufacturing Corporation, New York, N. Y. Remote control sectionalized antenna. 2,329,200; Sept. 14.
- Heffler, Maurice B., Grosse Pointe Park, Mich., assignor by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Filter. 2,322,131; June 15.
- Heffler, Paul. (See Newton, Gaylord W.)
- Heffler, Victor R., Grosse Pointe Park, Mich. Carburetor. 2,312,816; Mar. 2.
- Heffler, Victor R., Grosse Pointe Park, Mich. Cylinder liner. 2,312,817; Mar. 2.
- Heffler, Victor R., Grosse Pointe Park, Mich. Carburetor. 2,312,818; Mar. 2.
- Heffler, Victor R., Grosse Pointe Park, Mich. Piston and connecting rod joints. 2,312,819; Mar. 2.
- Hegan, Chester P., J. P. Parks, II, and V. Dahlman, assignors to American Air Filter Company, Inc., Louisville, Ky. Air filter. 2,331,028; Oct. 5.
- Hegemeier, Harry, assignor to The Globe-Wernicke Company, Norwood, Ohio. Card follower. 2,309,245; Jan. 26.
- Heger, Joseph J., assignor to Universal X-Ray Products, Inc., Chicago, Ill. X-ray apparatus. 2,313,145; Mar. 9.
- Hegg, Carl E., Huntington Park, assignor to Axelsson Manufacturing Co., Los Angeles, Calif. Lathe bed. 2,333,250; Nov. 2.
- Heggedal, Emil J., Woodside, N. Y. Toy. 2,331,776; Oct. 12.
- Heggen, James, Clydebank, Scotland, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,325,510; July 27.
- Hehmann, Frederick H., assignor to The Lunkenheimer Company, Cincinnati, Ohio. Silicon brass rod. 2,313,700; Apr. 6.
- Hehmann, Frederick H., assignor to The Lunkenheimer Company, Cincinnati, Ohio. Valve. 2,316,957; Apr. 20.
- Hehr, Addison, West Los Angeles, Calif. Drawing instrument. 2,317,052; Apr. 20.
- Heidbrink, Jay A., Minneapolis, Minn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Dispensing gases. 2,310,021; Feb. 2.
- Heidbrink, Jay A., Minneapolis, Minn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Oxygen delivering apparatus of the demand type. 2,310,022; Feb. 2.
- Heidbrink, Jay A., Minneapolis, Minn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Gase. 2,317,698; Apr. 27.
- Heidbrink, Jay A., Minneapolis, Minn., assignor to Air Reduction Company, New York, N. Y. Portable oxygen aviation unit. 2,324,389; July 13.
- Heidegger, Henry, Brooklyn, assignor to International Projector Corporation, New York, N. Y. Sprocket mechanism. 2,312,760; Mar. 2.
- Heidel, Edward H., Milwaukee, Wis. Heel patch for locomotive typhons. 2,331,552; Oct. 12.
- Heidenfelder, Fred A., Chicago, Ill., assignor to The American Laundry Machinery Company, Norwood, Ohio. Semipress press and tandem control. 2,323,131; June 29.
- Heidenreich, Alfredo, Buenos Aires, Argentina. Folding boat. 2,320,180; May 25.
- Heldt, Peter, assignor to Meyer A. Mathiasen, Philadelphia, Pa. Prevention of corrosion. 2,330,051; Sept. 21.
- Helgis, Henry E. (See Dossy, A. M., and Helgis.)
- Helgis, Henry E., West Orange, and A. Towart, Jr., Caldwell, assignors to Specialties Development Corporation, Bloomfield, N. J. High pressure fluid medium distribution system. 2,316,789; Apr. 20.
- Helgis, Henry E., West Orange, assignor to Specialties Development Corporation, Bloomfield, N. J. Fire detecting and extinguishing system. 2,328,014; Aug. 31.
- Helgl, John J. (See Hodell, L. R., and Helgl.)
- Helgl, John J., Tulsa, Okla., assignor to Standard Oil Development Company. Well logging. 2,337,465; Dec. 21.
- Hell Co., The. (See French, Henry C., assignor.)
- Hell Co., The. (See French, H. C., and Schmidt, assignors.)
- Hell Co., The. (See Schmidt, H. L., and French, assignors.)
- Heiland Research Corporation, et al. (See Gillon, J. W., and Hollister, assignors.)
- Heilborn, Charles T. (See Fisher, F. F., and Heilborn.)
- Heiliger, Eugene R., Tulsa, Okla. Method and apparatus for reclaiming ultraviolet lamps. 2,324,390; July 13.
- Heilman, Joseph R. (See Clark, E. K., and Heilman.)
- Heilman, Joseph R., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bimetallic valve for automatic coffee makers. 2,329,116; Sept. 7.
- Heilman, Joseph R., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooking appliance. 2,329,760; Sept. 21.
- Heilman, Ross V., Detroit, assignor to Wall Wire Products Company, Plymouth, Mich. Welded nut and plate assembly and making the same. 2,321,201; June 8.
- Heilman, William O., Cranford, N. J., assignor to Standard Oil Development Company. Refining of mineral oils. 2,324,927; July 20.
- Heim, Gustav A. M., Velp, Netherlands, assignor to American Enka Corporation, Enka, N. C. Continuous spinning. 2,334,325; Nov. 16.
- Heimann, Eberhard, Berlin-Schöneberg, Germany; vested in the Alien Property Custodian. Preparation of beer. 2,316,241; Apr. 13.

- Heimann, Heinrich, New York, N. Y., assignor to Walde Koh-I-Noor, Inc., Long Island City, N. Y. Slide fastener. 2,335,147; Nov. 23.
- Heimann, Walter, Berlin, Germany; vested in the Alien Property Custodian. Electronic television transmitter. 2,310,782; Feb. 9.
- Heimberger, George F., McKeesport, Pa. Micrometer gauge. 2,316,864; Apr. 20.
- Himbinger, Douglas D., Beverly Hills, assignor to Kelite Products, Inc., Los Angeles, Calif. Spraying apparatus. 2,310,633; Feb. 9.
- Helmig, Karl. (See Fiedler, H. Helmig, and Liesegang.)
- Hemsworth, Werner, Leverkusen-Versdorf, and K. Weing, Cologne-Mulheim, Germany; vested in the Alien Property Custodian. Enamels. 2,337,103; Dec. 21.
- Hein, George N., San Carlos, Calif. Double seal packing gland. 2,336,250; Dec. 7.
- Hein, William F. (See Bambenek, J. B., Hein, and Wörner.)
- Heine, Ferdinand H., assignor to Koehring Company, Milwaukee, Wis. Traction crawler shoe. 2,321,202; June 8.
- Heineman, Warren F., assignor to A. O. Smith Corporation, Milwaukee, Wis. Electric forging apparatus. 2,313,068; Mar. 9.
- Heiner, Everett J., Fresno, Calif., assignor of one-third to H. Cleason, and one-third to L. J. Heiner. Electric swivel. 2,328,212; Aug. 31.
- Heiner, Louis J., et al. (See Heiner, Everett J., assignor.)
- Heinick, Frederick R., assignor, by mesne assignments, to L. E. Hutson, Los Angeles, Calif. Nut anchor. 2,313,322; Oct. 12.
- Heinicke, Kurt J., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Substage lamp. 2,329,897; Sept. 21.
- Heinitz, Woldemar, Chemnitz, Germany; vested in the Alien Property Custodian. Device for drawing off waste. 2,308,326; Jan. 12.
- Helmets, Ferdinand, New York, N. Y. System of communication. 2,307,505; Jan. 5.
- Heinrich, Ernst. (See Zerweck, W., and Heinrich.)
- Heinrich, Konrad, assignor to Allen-Bradley Company, Milwaukee, Wis. Permanent magnet blowout for electric switches. 2,332,446; Oct. 19.
- Heinrich, Walter A., Richmond Heights, assignor to James R. Kearney Corporation, St. Louis, Mo. Clamp stick. 2,316,428; Apr. 13.
- Heintz, James C., Lakewood, Ohio. Vulcanizer hoist. 2,318,310; May 4.
- Heintz, James C., Lakewood, Ohio. Convertible tire vulcanizer. 2,327,639; Aug. 24.
- Heintz & Kaufman, Ltd. (See Wagener, Winfield G., assignor.)
- Heintz, Ralph M., assignor to Jack & Heintz, Inc., Cleveland, Ohio. Air jet gyro drift control. 2,324,157; July 13.
- Heintz, Ralph M., assignor to Jack & Heintz, Inc., Cleveland, Ohio. Armature construction. 2,324,158; July 13.
- Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Shielded relay. 2,324,301; July 13.
- Heintz, Ralph M., Shaker Heights, assignor to Jack & Heintz, Inc., Cleveland, Ohio. Cooling method and apparatus. 2,327,786; Aug. 24.
- Heintz, Ralph M., assignor to Jack & Heintz, Inc., Cleveland, Ohio. Variable displacement pump. 2,327,787; Aug. 24.
- Heintz, Ralph M., Palo Alto, Calif., assignor, by mesne assignments, to Jack & Heintz, Inc., Cleveland, Ohio. Motor cooling system. 2,330,121; Sept. 21.
- Heintz, Ralph M., assignor to Jack & Heintz, Inc., Cleveland, Ohio. Centrifugal clutch. 2,333,007; Oct. 26.
- Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Jaw meshing mechanism for electric starters. 2,334,003; Nov. 9.
- Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Diaphragm. 2,335,276; Nov. 30.
- Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Mounting frame unit and manifold for automatic pilot assemblies. 2,336,096; Dec. 7.
- Heintz, Ralph M., Cleveland, assignor to Jack & Heintz, Inc., Bedford, Ohio. Detachable card for gyro turn units of automatic pilots. 2,337,602; Dec. 28.
- Heintz, Ralph M., Cleveland, and B. G. Carlson, Eriesside, assignors to Jack & Heintz, Inc., Cleveland, Ohio. Mounting rotating assemblies. 2,334,002; Nov. 9.
- Heintz, Ralph M., Cleveland, and B. G. Carlson, Eriesside, assignors to Jack & Heintz, Inc., Bedford, Ohio. Gyro wheel. 2,334,264; Nov. 16.
- Heintz, Ralph M., Cleveland, and P. F. Scofield, Cleveland Heights, assignors to Jack & Heintz, Inc., Bedford, Ohio. Hand crank mechanism. 2,323,135; June 29.
- Heintz, Ralph M., Shaker Heights, and P. F. Scofield, Cleveland Heights, assignors to Jack & Heintz, Inc., Cleveland, Ohio. Brush lifting relay mechanism. 2,324,156; July 13.
- Heintzelman, Leo A., Grand Rapids, Mich. Sterilizer. 2,327,707; Aug. 24.
- Heintzen, Harry R., Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,325,511; July 27.
- Heinz, Alfred. (See Dennis, C. E., and Heinz.)
- Heisel, Paul. (See Frölich, A., Schneider and Heisel.)
- Heisel, Paul, Gersthofen near Augsburg, Germany; vested in the Alien Property Custodian. Preparing camphoric acid. 2,333,718; Nov. 9.
- Heiser, Ferdinand F., Wauwatosa, assignor to Automotive Products Company, Milwaukee, Wis. Suction pressure-regulating valve. 2,318,157; May 4.
- Heiser, Henry C., Parma, assignor to The Astrup Company, Cleveland, Ohio. Awning belt center support. 2,326,642; Aug. 10.
- Heiser, Myron G., Cedar Grove, N. J., J. M. von Bergen, Bridgeport, and W. J. Bogg, Fairfield, Conn., assignors to General Electric Company. Wiring device. 2,317,189; Apr. 20.
- Heisey, A. H., & Company. (See Cobel, Ray C., assignor.)
- Heisler, Glenn D., assignor to Carbonic Control Corporation, Portland, Ore. Refrigeration apparatus. 2,318,222; May 4.
- Heiss, Harvey, assignor, by mesne assignments, to American Molded Products Co., Chicago, Ill. Resilient contact for bumper switches. 2,311,392; Feb. 16.
- Heithoff, William E., Dika, Iowa. Refuse container. 2,322,439; June 22.
- Heitner, Joseph, Budapest, Hungary; vested in the Alien Property Custodian. Joints for demountable steel structures. 2,326,941; Aug. 17.
- Heltz, Robert G., Antioch, Calif., and J. E. Livak, assignors to The Dow Chemical Company, Midland, Mich. Making alkaryl iodides and corresponding alcohols. 2,308,419; Jan. 12.
- Hejduk, Arthur A., assignor to The Meriam Company, Cleveland, Ohio. Manometer. 2,335,671; Nov. 30.
- Helal, Joseph. (See Rabil, Pierre J., assignor.)
- Helbush, Herman H. (See Wallace, F. C., and Helbush.)
- Helbush, Herman H. (See Wallace, Frank C., assignor.)
- Held, Max O., Milwaukee, Wis. Tack stripping machine. 2,334,873; Nov. 23.
- Held, Oscar A., et al. (See Kofner, Matt G., assignor.)
- Held, Joseph. (See Watral, H. J., and Held.)
- Helfeda, A. (See Mercier, Pierre E., assignor.)
- Helfenstein, John, assignor of two-fifths to G. M. Register, Bismarck, N. Dak. Fishing hook. 2,311,832; Feb. 23.
- Helfenstein, John, Bismarck, N. Dak. Fish hook. 2,323,656; July 6.
- Helfenstein, John, Bismarck, N. Dak. Combination fish hook. 2,325,247; July 27.
- Helfrich, Burckhardt, and E. Günther, Leipzig, Germany, assignors to Schering Corporation, Bloomfield, N. J. Iodo derivatives of steroid compounds and manufacturing the same. 2,311,050; Feb. 16.
- Helgason, Helgi, Los Angeles, Calif. Hinge. 2,324,209; July 13.
- Helgeby, Ralph O., Flint, assignor to General Motors Corporation, Detroit, Mich. Tachometer. 2,336,172; Dec. 7.
- Helgoth, Bud, St. Louis, Mo. Black-out shade construction. 2,314,784; Mar. 23.
- He-Li-Po, Inc. (See Minton, Ogden, assignor.)
- Hell, Rudolf, Berlin-Dahlem, Germany; vested in the Alien Property Custodian. Transmitting characters by means of revolving drums. 2,335,410; Nov. 30.
- Hellmanns, Alfred. (See Otto, M., Gueterbock, and Hellmanns.)
- Heller, Alfred. (See Steinbruck, Ewald, assignor.)
- Heller, Clifford M., assignor to The Bingham Stamping Company, Toledo, Ohio. Mechanism control. 2,309,454; Jan. 26.
- Heller, David, Brooklyn, assignor to Hi-Lo Corporation, New York, N. Y. Tray set. 2,309,190; Jan. 26.
- Heller, Franz. (See Huck, W. F., Lamatsch, and Heller.)
- Heller, George, Englewood, N. J., assignor of one-half to H. M. Herberner, Thomasville, Ga. Producing magazines. 2,314,087; Mar. 16.
- Heller, George, Englewood, N. J., assignor of one-half to H. M. Herberner, Thomasville, Ga. Magazine or the like. 2,314,088; Mar. 16.
- Heller, Herman S., West Los Angeles, Calif. Magnetic recording machine. 2,335,277; Nov. 30.
- Heller, Herman S., West Los Angeles, D. E. Ross, Eagle Rock, and F. J. Lilly, Los Angeles, Calif., said Ross and said Lilly, assignors to said Heller. Tape driving system for magnetic sound recording machines and the like. 2,321,812; June 15.
- Heller, Richard D., Boise, Idaho. Screen. 2,314,878; Mar. 30.
- Heller, Richard D., Columbus, Ohio. Screen. 2,314,879; Mar. 30.
- Heller, Richard D., Columbus, Ohio. Screen. 2,314,880; Mar. 30.
- Heller, Richard D., Columbus, Ohio. Screen cloth. 2,315,055; Mar. 30.
- Heller, Richard D., Columbus, Ohio. Making screen cloth. 2,317,457; Apr. 27.
- Heller, William F., Manhasset, N. Y. Grinding mill. 2,324,502; July 20.
- Heller, William F., Norwood, assignor to A. F. Ward, Cincinnati, Ohio. Sectional die. 2,310,525; Feb. 9.

- Hellmanns, Simon, Dortmund-Berghofen, Germany; vested in the Alien Property Custodian. Repairing roll passes. 2,335,411; Nov. 30.
- Helling, Ehrhard, and H. Kammerrl, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Removing dust from light sensitive photographic emulsions. 2,308,005; Jan. 12.
- Hellyar, Edwin G. (See Lucia, L. V., and Horn Dahl, assignors.)
- Helm, Clyde, Kansas City, Mo. Battery terminal protective device. 2,324,082; July 13.
- Helm, Emerson B. (See MacLaurin, R. D., and Helm.)
- Helm, Emerson B., Cleveland, Ohio. Tobacco smoking device. 2,316,162; Apr. 13.
- Helmhold, Johann-Georg, Berlin, Germany; vested in the Alien Property Custodian. Measuring device. 2,310,783; Feb. 9.
- Helmhold, August F. W., Newport, Ky. Bomb. 2,318,994; May 11.
- Helmer, Oscar M., assignor to Eli Lilly and Company, Indianapolis, Ind. Therapeutic preservative composition and preparing it. 2,319,902; May 25.
- Helmers, Carl J. (See Schumme, W. A., Short, and Helmers.)
- Helmers, Henry H. (See Cope, K. V., and Helmers.)
- Helmick, Paul F., Dayton, Ohio. Quick release aerial delivery unit. 2,314,881; Mar. 30.
- Helmold, William F., Clinton, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,316,865; Apr. 29.
- Helmold, William F., Clinton, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,327,423; Aug. 24.
- Helmold, William F., Clinton, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,322,646; Nov. 2.
- Helmore, William, Kingston Hill, England. Electrolytic process of forming flame or explosion traps. 2,333,567; Nov. 2.
- Helprin, David T., New York, N. Y. Paper cutter. 2,310,838; Feb. 9.
- Helsel, Reuben H., Long Island City, assignor to General Register Corporation, New York, N. Y. Ticket issuing machine. 2,309,191; Jan. 26.
- Helsel, Reuben H., Long Island City, assignor to General Register Corporation, New York, N. Y. Ticket issuing machine. 2,325,051; July 27.
- Helsten, Wesley A. (See Tack, C. E., and Helsten.)
- Heltzel, Francis O., Philadelphia, Pa. Transverse expansion and contraction joint. 2,309,767; Feb. 2.
- Heltzel, John N., Warren, Ohio. Concrete road construction. 2,330,213; Sept. 28.
- Heltzel, John N., Warren, Ohio. Joint and joint installing apparatus for concrete roads and the like. 2,330,214; Sept. 28.
- Heltzel, Joseph W., Warren, Ohio. Concrete floating and brick surfacing machine. 2,312,968; Mar. 2.
- Heltzer, Harry. (See Gehbard, M. L., Heltzer, Clarke, and Davis.)
- Hem, Halvor W., assignor to Toledo Scale Company, Toledo, Ohio. India exhibiting means. 2,331,091; Oct. 5.
- Hem, Halvor O., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,331,092; Oct. 5.
- Hem, Halvor W., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,334,326; Nov. 16.
- Hemker, Herman W., Cleveland, and R. C. Fuhrman, Mentor, assignors to A. L. Parker, Cleveland, Ohio. Compound for sealing and lubricating relatively moving parts. 2,321,384; June 8.
- Hemmerich, Hugo, Reinholds, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Foot construction of full-fashioned hosiery. 2,338,075; Dec. 28.
- Hemmlinger, Charles E. (See Green, A. D., and Hemmlinger.)
- Hemmlinger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Catalytic cracking. 2,317,379; Apr. 27.
- Hemmlinger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Treating hydrocarbons. 2,322,619; June 15.
- Hemmlinger, Charles E., Westfield, N. J., assignor to Standard Oil Development Company. Regeneration of catalysts. 2,330,710; Sept. 28.
- Hemmlinger, Charles E., Westfield, and C. W. Tyson, Summit, N. J., assignors to Standard Oil Development Company. Control of temperatures in regeneration of catalysts. 2,321,294; June 8.
- Hempel, Charles H., Manitowoc, Wis., assignor to Hereford & Company. Forming coated product. 2,312,296; Feb. 23.
- Hempel, Edwin G., Cranston, assignor to Gorham Manufacturing Company, Providence, R. I. Box and hinge structure. 2,318,608; May 11.
- Hempel, Emil, Zerbst, Germany; vested in the Alien Property Custodian. Injection molding machine. 2,320,594; June 1.
- Hempel, Herbert W., and W. C. Marsh, assignors to Marsh Stencil Machine Company, Belleville, Ill. Stencil machine. 2,331,978; Oct. 19.
- Hemphill Company. (See Cloutier, Arthur N., assignor.)
- Hemphill Company. (See Fregeolle, Oscar, assignor.)
- Hemphill Company. (See Green, Isaac H. C., assignor.)
- Hemphill Company. (See Hutton, A. L., Jr., Green, and St. Pierre, assignors.)
- Hemphill Company. (See Lawson, Robert H., assignor.)
- Hemphill Company. (See St. Pierre, Eugene, assignor.)
- Hemphill Company. (See St. Pierre, E., and Fregeolle, assignors.)
- Hemphill Company. (See St. Pierre, E., and Smith, assignors.)
- Hemphill Company. (See Smith, William L., Jr., assignor.)
- Hemphill Company. (See Southworth, Rodney C., assignor.)
- Hemphill Company. (See Southworth, R. C., and Smith, assignors.)
- Hemphill, Lawrence F., Fort Wayne, Ind., assignor to General Electric Company. Commutator. 2,322,020; June 15.
- Hemphill, Lawrence G. (See Haffley, L., and Hemphill.)
- Hemphill, Stanley R., Seattle, Wash. Throttle brake control mechanism. 2,325,771; Aug. 3.
- Hemstreet, Albert E., Flushing, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Servo system for aircraft. 2,322,782; June 29.
- Henchert, John, Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Seaming cover ends to can bodies. 2,327,424; Aug. 24.
- Hendelski, Frank. (See Freeman, H. G., and Hendelski.)
- Henderson, Anne B., executrix. (See Keenan, Walter F., Jr.)
- Henderson, Bee, Dryden, Tex. Inverted cylinder pumping unit. 2,316,429; Apr. 13.
- Henderson, Byron R., East Orange, N. J. Control apparatus. 2,328,340; Aug. 31.
- Henderson, Donald E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Mixture of polymeric materials. 2,330,353; Sept. 28.
- Henderson, Donald E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Softeners for emulsion copolymers of butadiene and acrylonitrile. 2,331,979; Oct. 19.
- Henderson, Earl W., assignor to Michigan State Board of Agriculture, East Lansing, Mich. Apparatus for testing the strength of eggshells. 2,333,313; Nov. 2.
- Henderson, Elting, Whittier, Calif. Service T. 2,336,173; Dec. 7.
- Henderson, George T., assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Display container. 2,336,731; Dec. 14.
- Henderson, Howard J., assignor to Lawyers Cooperative Publishing Company, Rochester, N. Y. Loose leaf binder. 2,318,941; May 11.
- Henderson, Kenneth L., Irondequoit, assignor to Stromberg Carlson Telephone Manufacturing Company, Rochester, N. Y. Electrical shunting and locking means for thermionic tubes. 2,325,770; Aug. 3.
- Henderson, Lawrence M. (See Ayers, G. W., Jr., and Henderson.)
- Henderson, Lawrence M. (See Ayers, G. W., Jr., Bond, and Henderson.)
- Henderson, Lawrence M. (See Bond, D. C., Ayers, Jr., and Henderson.)
- Henderson, Lawrence M. (See McNamara, T. L., and Henderson.)
- Henderson, Lawrence M. (See Risk, T. H., Henderson, and Wilder.)
- Henderson, Lawrence M., Winnetka, assignor to The Pure Oil Company, Chicago, Ill. Alkali treatment of hydrocarbon oils. 2,317,053; Apr. 20.
- Henderson, Lawrence M., Winnetka, and G. W. Ayers, Jr., assignors to The Pure Oil Company, Chicago, Ill. Removing mercaptans from petroleum oil. 2,312,820; Mar. 2.
- Henderson, Lawrence M., Winnetka, and G. W. Ayers, Jr., assignors to The Pure Oil Company, Chicago, Ill. Method of treating petroleum oils. 2,317,054; Apr. 20.
- Henderson, Lawrence M., Winnetka, G. W. Ayers, Jr., Chicago, and D. C. Bond, Northbrook, assignors to The Pure Oil Company, Chicago, Ill. Removing organic acidic substances from hydrocarbon fluids. 2,317,055; Apr. 20.
- Henderson, Lawrence M., Winnetka, and D. C. Bond, Northbrook, assignors to The Pure Oil Company, Chicago, Ill. Removing acidic constituents from organic liquids. 2,317,056; Apr. 20.
- Henderson, Nathan F. (See Festervan, B. J., and Henderson.)
- Henderson, Norman A. (See Frey, Louis E., assignor.)
- Henderson, Paul G., and C. E. P. Jeffreys, Los Angeles, Calif.; said Jeffreys assignor to said Henderson. Fishing device. 2,329,117; Sept. 7.
- Hendley, Cornelia S., executrix. (See Hendley, Flavius J.)
- Hendley, Flavius J., Chattanooga, Tenn., deceased, C. S. Hendley, executrix. Claim. 2,319,602; May 18.
- Hendley, James A., assignor to The Russell Manufacturing Company, Middletown, Conn. Cartridge feed-belt for machine guns. 2,337,657; Dec. 28.
- Hendon, Benjamin, Brooklyn, N. Y. Black-out shade. 2,333,931; Nov. 9.
- Hendricks, Cornelius. (See Gillisse, E., and Hendricks.)
- Hendricks, Cornelius, assignor to Applied Arts Corporation, Grand Rapids, Mich. Ash receiver. 2,334,925; Nov. 23.

- Hendricks, Frank, assignor to one-half to J. H. Gilmer, North Vernon, Ind. Tool for removing connecting rods. 2,331,683; Oct. 12.
- Hendricks, Harold H., Youngstown, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Sliding car door. 2,316,332; Apr. 13.
- Hendricks, John C., Jr., R. L. Snelman, and D. P. Wheeler, Elkhart, Ind. Carrier. 2,314,143; Mar. 16.
- Hendrickson, Bertram H., Athens, Ga., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America and to his successors in office. Overfall sampling device. 2,316,537; Apr. 13.
- Hendrickson, Clifford W., Kildare, Okla. Bale carrier for hay bales. 2,327,264; Aug. 17.
- Hendrickson, Lennard A., Seattle, Wash. Dispensing device. 2,308,078; Jan. 12.
- Hendrickson, Ralph E., Glendale, assignor to Lane-Wells Company, Los Angeles, Calif. Perforation burr elimination. 2,308,006; Jan. 12.
- Hendrickson, Robert T., Chicago, Ill. Level winding device for winch drums. 2,336,684; Dec. 14.
- Hendrickson, Wilhelm P. (See Betts, O. K., Nevins, and Hendrickson.)
- Hendrix, Houston W., Overbrook Hills, Pa. Pulverized coal burner. 2,325,318; July 27.
- Hendrix, James R. (See Frazier, S. W., and Hendrix.)
- Hendrix, Joseph N. (See Hite, A. R., and Hendrix.)
- Hendry, Adolph R., Portland, Mich. Surfacing mat for landing fields. 2,327,640; Aug. 24.
- Hendy, Joshua, Iron Works. (See Copeland, C. V., and Saurage, assignors.)
- Hengstler, John, Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. B.H. 2,322,021; June 15.
- Henke, Clyde O., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of saturated hydrocarbon sulphonic acids. 2,337,552; Dec. 28.
- Henke, Clyde O., Wilmington, and G. Etzel, Newark, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing camphene. 2,318,391; May 4.
- Henke, Clyde O., Wilmington, Del., and F. McG. Schofield, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Extraction of hydrocarbon sulphonyl chlorides. 2,333,568; Nov. 2.
- Henke, Clyde O., and W. H. Lockwood, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treating textiles and composition therefor. 2,334,764; Nov. 23.
- Hentk, Andrew L., and R. M. Ewing, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Seat or bench structure for bowling alleys. 2,320,595; June 1.
- Henkel, George E., Cranford, N. J., assignor to American Centrifugal Corporation, New York, N. Y. Clarifying liquids. 2,334,703; Nov. 23.
- Henkelnann, Anna C. H., Husum, Sweden. Toy doll. 2,313,069; Mar. 9.
- Henkin, Martin, Brooklyn, N. Y. Garment. 2,332,714; Oct. 26.
- Henley, Lawrence, Chicago, Ill. Continuous cooker. 2,333,175; Nov. 2.
- Henn, Richard W. (See Crabtree, J. I., and Henn.)
- Hennefer, Fred L., Salt Lake City, Utah. Eraser cleaner. 2,323,908; July 13.
- Hennessey, Russell J. (See Guyer, R., and Hennessey.)
- Hennessey, Russell J., W. D. Genck, and R. Guyer, assignors to Waldorf Paper Products Company, St. Paul, Minn. Shirt protector. 2,314,213; Mar. 16.
- Hennessey, Douglas J., Teaneck, N. J., assignor to Vitamol Laboratory, Inc. Hydrogenation treatment of oils and fats. 2,321,913; June 15.
- Hennessey, James J., Montclair, N. J. Railway journal lubricator device. 2,311,390; Feb. 16.
- Hennessey, James J., Montclair, N. J. Locomotive driving wheel hub and liner structure. 2,313,545; Mar. 9.
- Hennessey, James J., Montclair, N. J. Pump structure. 2,319,604; Mar. 18.
- Hennessey, James J., Montclair, N. J. Railway journal lubricator structure. 2,327,040; Aug. 17.
- Hennessey, James J., Montclair, N. J. Railway journal lubricator pump. 2,331,835; Oct. 12.
- Hennessey, John A., assignor to Ideal Commutator Dresser Company, Sycamore, Ill. Variable speed device. 2,313,436; Mar. 9.
- Hennessey, John F., assignor to Geo. D. Roper Corporation, Rockford, Ill. Handle construction for ranges. 2,321,141; June 8.
- Hennessey, John F., assignor to Geo. D. Roper Corporation, Rockford, Ill. Broiler grill. 2,321,676; June 15.
- Hennessey, John F., assignor to Geo. D. Roper Corporation, Rockford, Ill. Kitchen heating gas range. 2,325,772; Aug. 3.
- Hennessey, John F., assignor to Geo. D. Roper Corporation, Rockford, Ill. Oven observation window construction. 2,325,773; Aug. 3.
- Hennessey, John F., assignor to Geo. D. Roper Corporation, Rockford, Ill. Broiler grill and drip pan therefor. 2,328,976; Sept. 7.
- Hennessey, John F., assignor to Geo. D. Roper Corporation, Rockford, Ill. Combination vent for gas ranges. 2,336,988; Dec. 14.
- Henney, Charles F. (See Gould, R. E., and Henney.)
- Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,308,079; Jan. 12.
- Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,320,432; June 1.
- Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,320,596; June 1.
- Henney Motor Company. (See Schofield, Earl L., assignor.)
- Henning, George E., Joppa, and J. A. Wagner, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Tensioning apparatus. 2,326,220; Aug. 10.
- Henning, Harley A., Basking Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin disposal unit. 2,323,657; July 6.
- Henning, Harley A., Basking Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin disposal unit. 2,325,954; Aug. 3.
- Henning, Raymond A., Junction City, Oreg., assignor of seventy-five per cent to Charles S. Johnson, Piru, Calif. Spring attachment for control levers. 2,329,898; Sept. 21.
- Henningsen, John E., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Planetary transmission device. 2,331,684; Oct. 12.
- Henningsen, John E., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Power transmission device. 2,331,908; Oct. 19.
- Hennion, George F., South Bend, Ind., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitration of cyclic organic compounds. 2,314,212; Mar. 16.
- Henrikson, Oscar W. (See Sargisson, R. L., and Henrikson.)
- Henrikson, Peter H., Los Angeles, Calif. Time reminder clock. 2,309,844; Feb. 2.
- Henry, Beulah L., New York, N. Y. Movable lip for toy figures and actuating the same. 2,324,774; July 20.
- Henry, Claude J., Grandville, Mich. Building wall corner construction. 2,309,192; Jan. 26.
- Henry, Donald J. (See Terry, R. H., and Henry.)
- Henry, Edgar G., Cleveland Heights, and P. Ramer, Cleveland, Ohio. Portable fastener self-feeding tool. 2,330,052; Sept. 21.
- Henry, Ferdinand G., assignor to The Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Motor control mechanism for filling devices. 2,309,246; Jan. 6.
- Henry, Ford Hospital. (See Hartman, F. W., and Schelling, assignors.)
- Henry, Harry N. (See Tietig, C., and Henry.)
- Henry, Jack P. (See Mayfield, O. J., and Henry.)
- Henry, Kenneth M. (See Anastor, C. G., and Henry.)
- Henry, Robert E., Pittsburgh, Pa. Bathtub protector. 2,319,603; May 18.
- Henry, Robert W. (See Goodson, L. B., Montgomery, and Henry.)
- Henry, Robert W. (See Lawson, S. D., and Henry.)
- Henry, Robert W. (See Montgomery, J. V., Goodson, and Henry.)
- Henry, Robert W., Bartlesville, and J. V. Montgomery, Okmulgee, Okla., assignors to Phillips Petroleum Company. Dewaxing hydrocarbons. 2,307,130; Jan. 5.
- Henry, Robert W., Bartlesville, and J. V. Montgomery, Okmulgee, Okla., assignors to Phillips Petroleum Company. Solvent extraction of hydrocarbon materials. 2,310,524; Feb. 9.
- Henry, Robert W., Bartlesville, Okla., and S. C. Britton, Joliet, Ill., assignors to Phillips Petroleum Company. Stabilizer for metal dispersions in lubricants. 2,321,203; June 8.
- Henry, Robert W., Bartlesville, J. V. Montgomery, Okmulgee, Okla., and S. D. Lawson, Borger, Tex., assignors to Phillips Petroleum Company. Dewaxing lubricant stocks. 2,322,438; June 22.
- Henry, Sidney, New York, N. Y. Hair net. 2,314,396; Mar. 23.
- Henry, Sidney, New York, N. Y., assignor to The Collette Manufacturing Co. Inc., Santurce, Puerto Rico. Hair net. 2,329,676; Sept. 14.
- Henry, William. (See Konigsberg, M. S., and Henry.)
- Henry, William F. (See Bishop, J. F., and Henry.)
- Henry, William S., Chulih, N. Y., assignor to General Railway Signal Company, Rochester, N. Y. Highway crossing gate for railroads. 2,310,694; Feb. 9.
- Henry & Wright Manufacturing Co., The. (See Sherman, C. F., and Caserta, assignors.)
- Henschel, Ramsey C., Kansas City, Mo. Portable electric floor lamp. 2,311,986; Feb. 23.
- Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Welding electrode holder. 2,322,691; June 22.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Welding electrode. 2,311,750; Feb. 23.
- Hensel, Franz R., E. I. Larsen and E. F. Swazy, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Metal composition. 2,313,070; Mar. 9.
- Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Composite metal structure. 2,314,882; Mar. 30.

- Hensel, Franz R., and E. I. Larson, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Gear and the free. 2,331,909; Oct. 19.
- Hessel, Henry A., Milwaukee, Wis. Tied sausage casing and method for tying. 2,322,147; June 22.
- Hessel, Walter, (See Ayers, A. L., and Hessel.)
- Hessen, Henry J., Savannah, Calif. Hose clamp tool. 2,329,335; Sept. 14.
- Hessell, George R., Victoria, British Columbia, Canada. Fish reduction process. 2,309,392; Jan. 26.
- Hesslow, Richard C., assignor to Lord Manufacturing Company, Erie, Pa. Mounting. 2,317,190; Apr. 20.
- Houston, West, New York, N. Y. Engine. 2,320,928; June 1.
- Hentrich, Winfried, Dusseldorf Reisholz, W. Kaiser, Dessau in Anhalt, and R. Endres, Dessau-Rosslau, Germany, assignors, by mesne assignments, to "Friedrich A. G. zur Erleichterung An Patenten und Sonstigen Erfindungs-rechten auf Chemische Verfahren," Zurich, Switzerland. Plasticized cellulose derivative composition. 2,316,242; Apr. 13.
- Hentrich, Winfried, Dusseldorf Reisholz, A. Kirstahler, Dessau in Anhalt, and F. Schlegel, Dusseldorf, Germany, assignors, by mesne assignments, to "Friedrich A. G. zur Erleichterung An Patenten und Sonstigen Erfindungs-rechten auf Chemische Verfahren," Zurich, Switzerland. Production of capillary active agents. 2,320,181; May 25.
- Hentrich, Winfried, Reisholz, near Dessau-Rosslau, A. Kirstahler, and W. Kaiser, Dessau, Germany, assignors, by mesne assignments, to The Hydronaphene Corporation, Wilmington, Del. Sulphanilamide derivatives. 2,318,556; May 4.
- Hentrich, Winfried, Dessau-Rosslau, and H.-J. Engelbrecht, Dessau, Germany; vested in the Alien Property Custodian. Condensation products of the anthraquinone series. 2,335,412; Nov. 30.
- Herschel, Robert A., A. Easton, Conn., assignor to Remington Arms Company, Inc. Firearm. 2,324,775; July 20.
- Henze, Henry R., Austin, Tex., assignor to Eli Lilly and Company, Indianapolis, Ind. 5-ethyl-5-phenyl barbituric compounds and preparing these compounds. 2,314,537; Mar. 23.
- Henze, Henry R., Austin, Tex., assignor to Parke, Davis & Company, Detroit, Mich. Substituted phenoxylalkyl ethers. 2,327,890; Aug. 24.
- Henzel, John H., Garfield Heights, Ohio. Refractory panel construction. 2,321,813; June 15.
- Hepburn, John T., Toronto, Ontario, Canada. Shaping or cutting machine. 2,330,354; Sept. 28.
- Hopner, Leonard H., and R. E. Tucker, Trenton, N. J., assignors to Crane Co., Chicago, Ill. Refractory body. 2,317,855; Apr. 27.
- Hepp, Carlos A., Palisade, assignor to Alfred Hofmann Inc., West New York, N. J. Welt mechanism for knitting machines. 2,310,368; Feb. 9.
- Hepp, Gerard, Eindhoven, Netherlands; vested in the Alien Property Custodian. Circuit arrangement. 2,330,582; Sept. 28.
- Hepp, Gerard, Eindhoven, Netherlands; vested in the Alien Property Custodian. Circuit arrangement. 2,319,320; May 18.
- Hepp, Gerard, and J. van der Mark, Eindhoven, Netherlands; vested in the Alien Property Custodian. Cathode ray tube device. 2,325,076; Aug. 3.
- Hepp, Harold J., (See Frey, F. E., and Hepp.)
- Hepp, Harold J., and J. P. Jones, Bartlesville, Okla., assignors to Phillips Petroleum Company. Catalytic hydrogenation. 2,332,572; Oct. 26.
- Hepp, Werner, Berlin, Germany; vested in the Alien Property Custodian. Audio amplifier response control. 2,325,512; July 27.
- Heppenstall Company, (See Russell, H. W., and Jackson, assignors.)
- Hepperle, Adolf, North Bergen, N. J. Adjustable pitch propeller. 2,309,899; Feb. 2.
- Heppner, Fritz A. M., Leamington Spa, assignor to Armstrong Siddeley Motors Limited, Coventry, England. Turbomachine. 2,334,625; Nov. 16.
- Heral, Jean, and R. Gauthier, Paris, France; vested in the Alien Property Custodian. Buoyancy system. 2,313,295; Mar. 9.
- Herald Press, The, (See Davidson, G. D., Jr., and Norman, assignors.)
- Herb, Otto J., assignor to Diagraph-Bradley Stencil Machine Corporation, St. Louis, Mo. Making stencil character punch and die sets. 2,317,527; Apr. 27.
- Herb, Otto J., assignor to Diagraph-Bradley Stencil Machine Corporation, St. Louis, Mo. Fountain applicator. 2,330,053; Sept. 21.
- Herbelin, P. J., (See Taylor, Samuel, assignor.)
- Herbener, Henry M., (See Heller, George, assignor.)
- Herbener, Henry M., Thomasville, Ga. Girdle or like garment. 2,315,701; Apr. 6.
- Herbener, Henry M., Thomasville, Ga. Bill folder. 2,315,702; Apr. 6.
- Herbener, Henry M., Thomasville, Ga. Garter and fabric band. 2,316,958; Apr. 20.
- Herbener, Henry M., Thomasville, Ga. Stocking. 2,329,899; Sept. 21.
- Herbert, Elmer H., assignor to Oliver United Filters Incorporated, Oakland, Calif. Pump. 2,311,229; Feb. 16.
- Herbert, Frank B., Piedmont, assignor to Shell Development Company, San Francisco, Calif. Spray oil. 2,337,466; Dec. 21.
- Herbert, Stanley C., Nunhead, London, England. Mechanism for preparing postal matter. 2,318,073; May 4.
- Herbert, Wilhelm, Frankfurt-on-the-Main-Eschersheim, Germany; vested in the Alien Property Custodian. Preparation of gas mixtures for catalytic processes. 2,310,781; Feb. 9.
- Herbster, George, Cleveland, Ohio. Heater grille. 2,307,586; Jan. 5.
- Herbster, George, Cleveland, Ohio. Heating apparatus. 2,314,825; Mar. 23.
- Herbin, Oscar, Le Pilelreire, Eure, France; vested in the Alien Property Custodian. Gas mask for horses. 2,312,714; Mar. 2.
- Herbst, Philip J., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Color television system. 2,309,506; Jan. 26.
- Herbst, Walter A., Union, N. J., assignor to Standard Oil Development Company. Safety motor fuel. 2,327,708; Aug. 24.
- Herbst, George B., assignor to J. H. Leonard, Cleveland, Ohio, as trustee. Circulating heater. 2,336,609; Dec. 14.
- Hericik, Lad L., Lakewood, assignor to The Hill Acme Company, Cleveland, Ohio. Grinding and polishing machine. 2,316,582; Apr. 13.
- Herckmans, Alfred, Caldwell, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone transmitter. 2,320,133; June 1.
- Herckmans, Alfred, Caldwell, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone station equipment. 2,320,726; June 1.
- Hercules Gine Company, Ltd., (See Holman, Clarence D., Hercules Powder Company, (See Allison, E. R., and Good-year, assignors.)
- Hercules Powder Company. (See Anderson, Louis E., Jr., assignor.)
- Hercules Powder Company. (See Barab, Jacob, assignor.)
- Hercules Powder Company. (See Bennett, Thomas F., assignor.)
- Hercules Powder Company. (See Bent, Leavitt N., assignor.)
- Hercules Powder Company. (See Billing, Wyly M., assignor.)
- Hercules Powder Company. (See Borglin, Joseph N., assignor.)
- Hercules Powder Company. (See Bowden, Charles W., Jr., assignor.)
- Hercules Powder Company. (See Boys, Clyde H., assignor.)
- Hercules Powder Company. (See Bried, Edward A., assignor.)
- Hercules Powder Company. (See Camp, Albert T., assignor.)
- Hercules Powder Company. (See Campbell, William P., assignor.)
- Hercules Powder Company. (See Clare, Irwin C., assignor.)
- Hercules Powder Company. (See Cobb, William M., Jr., assignor.)
- Hercules Powder Company. (See Cox, J. V. B., and assignors.)
- Hercules Powder Company. (See Cox, Richard F. B., assignor.)
- Hercules Powder Company. (See Finlayson, Alexander S., assignor.)
- Hercules Powder Company. (See Gilbert, Carl B., assignor.)
- Hercules Powder Company. (See Georgi, E. A., and Osterhof, assignors.)
- Hercules Powder Company. (See Gloor, Walter E., assignor.)
- Hercules Powder Company. (See Hogg, George F., assignor.)
- Hercules Powder Company. (See Humphrey, Irvin W., assignor.)
- Hercules Powder Company. (See Jones, James L., assignor.)
- Hercules Powder Company. (See Kirpatrick, William J., assignor.)
- Hercules Powder Company. (See Klotz, Robert L., Jr., assignor.)
- Hercules Powder Company. (See Koch, William W., assignor.)
- Hercules Powder Company. (See Lawrence, Robert W., assignor.)
- Hercules Powder Company. (See Lister, Donald A., assignor.)
- Hercules Powder Company. (See Little, Bunyan H., assignor.)
- Hercules Powder Company. (See Little, Julius G., assignor.)
- Hercules Powder Company. (See Littmann, Edwin R., assignor.)
- Hercules Powder Company. (See Lorand, Eugene J., assignor.)
- Hercules Powder Company. (See Martin, Robert W., assignor.)
- Hercules Powder Company. (See Mayfield, Ervart E., assignor.)

- Hercules Powder Company. (See Miller, Abraham B., assignor.)
- Hercules Powder Company. (See Nash, Henry E., assignor.)
- Hercules Powder Company. (See Oswald, Frank G., assignor.)
- Hercules Powder Company. (See Ott, Emil, assignor.)
- Hercules Powder Company. (See Pickett, Oscar A., assignor.)
- Hercules Powder Company. (See Rochford, E. P., Stuart, II, and Wassen, assignors.)
- Hercules Powder Company. (See Rothenberger, Lyle W., assignor.)
- Hercules Powder Company. (See Rummelsburg, Alfred L., assignor.)
- Hercules Powder Company. (See Schantz, Jacob M., assignor.)
- Hercules Powder Company. (See Schlaanstone, Raymond F., assignor.)
- Hercules Powder Company. (See Scrutshfield, Paul H., assignor.)
- Hercules Powder Company. (See Sheffield, Donald H., assignor.)
- Hercules Powder Company. (See Smith, Roscoe B., assignor.)
- Hercules Powder Company. (See Speicher, John K., assignor.)
- Hercules Powder Company. (See Sperry, Luke H., assignor.)
- Hercules Powder Company. (See Stuart, Joseph, II, assignor.)
- Hercules Powder Company. (See Tinsley, John S., assignor.)
- Hercules Powder Company. (See Traylor, William N., assignor.)
- Hercules Powder Company. (See Trowell, William W., assignor.)
- Hercules Powder Company. (See Troxler, Bernhart, assignor.)
- Hercules Powder Company. (See Tyler, C. E., and Montfort, assignors.)
- Hercules Powder Company. (See Wiggam, David R., assignor.)
- Hercules Powder Company. (See Wiggam, D. R., and Koch, assignors.)
- Hercules Powder Company. (See Wilson, Ernest S., assignor.)
- Herd, Carl D., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Turbine inlet piping. 2,331,685; Oct. 12.
- Heresite & Chemical Company. (See Hempel, Charles H., assignor.)
- Herfurth, Charles. (See Ernst H., Dall, and Herfurth.)
- Hergenrother, Rudolf C., Beechhurst, N. Y., assignor to Hazeltine Corporation. Cathode-ray tube. Re, 22,275; Feb. 23.
- Hergenrother, Rudolf C., Beechhurst, N. Y., assignor to Hazeltine Corporation. Vacuum tube. 2,324,776; July 20.
- Herget, Marvin C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Fastener. 2,335,828; Nov. 30.
- Heribert, Herbert J., Riverdale, N. Y. Gas mask. 2,307,730; Jan. 5.
- Hering, Rolf W., Rio de Janeiro, Brazil. Watch and timepiece. 2,333,932; Nov. 9.
- Heritage, Clark C., assignor to Wood Conversion Company, Cloquet, Minn. Thermal insulation. 2,325,055; July 27.
- Heritage, Joseph J. (See Barden, Leslie M., assignor.)
- Herman, Alva L. (See Hays, R. F., Jr., and Herman.)
- Herman, Carrington, administrator. (See Davies, Arthur E.)
- Herman, George R., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Welding apparatus. 2,308,510; Jan. 19.
- Herman, Harold M., Chicago, Ill. Dispensing device. 2,308,809; Jan. 19.
- Herman, Irving N., Chicago, Ill. Tire vulcanizing apparatus. 2,320,778; June 1.
- Herman, Kenneth R. (See Vickers, H. F., and Herman.)
- Herman, Kenneth R., assignor to Vickers Incorporated, Detroit, Mich. Pump or motor for power transmission. 2,310,078; Feb. 2.
- Herman, Kenneth R., assignor to Vickers Incorporated, Detroit, Mich. Fluid pressure accumulator. 2,324,701; July 20.
- Herman, Kenneth R., and J. Robinson, assignors to Vickers Incorporated, Detroit, Mich. Hydraulic speed control apparatus. 2,320,727; June 1.
- Herman, Kenneth R., Franklin, and F. T. Harrington, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,328,979; Sept. 7.
- Herman, Kenneth R., Franklin, and F. T. Harrington, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,328,980; Sept. 7.
- Herman, William P., Providence, R. I. Cube tap. 2,318,484; May 4.
- Herman, William P., Providence, R. I. Female connector. 2,318,485; May 4.
- Herman, William P., Providence, R. I. Turn knob. 2,327,891; Aug. 24.
- Herman, William P., Providence, R. I. Assembly machine. 2,334,626; Nov. 16.
- Hermann, Benjamin R., Lanesborough, Mass., assignor to General Electric Company. Electric circuit interrupter. 2,335,062; Nov. 23.
- Hermann, Charles E., St. Louis, Mo. Air separator. 2,329,990; Sept. 21.
- Hermann, Eugene C., Westfield, N. J., assignor to Standard Oil Development Company. Refining of mineral oils. 2,332,793; Oct. 26.
- Hermann, Siegwart, New York, N. Y. Method and apparatus for the regeneration of preserved foods, nutriment, and like materials. 2,334,327; Nov. 16.
- Hermann, Siegwart, New York, N. Y. System and device for signaling purposes. 2,334,765; Nov. 23.
- Hermann, Siegwart, New York, N. Y. Device permitting the reading of maps, manuscripts, printed matter, etc., in the dark. 2,334,766; Nov. 23.
- Hermansson, Adolf H., assignor to Aga-Baltic Radio Aktiebolag, Stockholm, Sweden. Directional radio beacon. 2,309,068; Jan. 19.
- Hermansson, Adolf H., assignor to Aga-Baltic Radio Aktiebolag, Stockholm, Sweden. Directional radio beacon. 2,310,079; Feb. 2.
- Hernsdorf, Richard P. E. (See Monson, W. T., Humes, and Hernsdorf.)
- Hershey, Paul, Scotia, Nbr. Road scraper attachment for tractors. 2,337,104; Dec. 21.
- Herold, Edward W., Verona, N. J., assignor to Radio Corporation of America. Two-way radio communication system. 2,333,719; Nov. 9.
- Herold, James L., assignor to Barry-Wehmiller Machinery Company, St. Louis, Mo. Method of and apparatus for removing labels from bottles. 2,311,391; Feb. 16.
- Herold, James L., assignor to Barry-Wehmiller Machinery Company, St. Louis, Mo. Conveyor. 2,315,205; Mar. 30.
- Herold, James L., assignor to Barry-Wehmiller Machinery Company, St. Louis, Mo. Bottle cleaning machine. 2,324,210; July 13.
- Herold, Walter F., Easton, Conn., assignor to The Sikes Company, Buffalo, N. Y. Tilting chair. 2,321,385; June 8.
- Herr, Harvey E., assignor to Herr Manufacturing Company, Inc., Buffalo, N. Y. Traveler for spinning rings. 2,335,566; Nov. 30.
- Herr Manufacturing Company. (See Fillingim, Charles, assignor.)
- Herr Manufacturing Company, Inc. (See Herr, Harvey E., assignor.)
- Herr, Park A., Hillside, assignor to The Singer Manufacturing Company Elizabeth, N. J. Sewing machine. 2,331,272; Oct. 5.
- Herr, Richard F., Warren, Ohio. Joist. 2,308,080; Jan. 12.
- Herr, Richard F., Warren, Ohio. Building construction. 2,327,265; Aug. 17.
- Herrick, Roswell H., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone ringing apparatus. 2,335,512; Nov. 30.
- Herriger, Felix. (See Berger, H., and Herriger.)
- Herring, William A., and R. D. Barnett, South Gate, Calif. Faucet valve. 2,309,900; Feb. 2.
- Herrington, Arthur W., assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. Armored observation unit. 2,324,503; July 20.
- Herrington, Arthur W., assignor to Marmon-Herrington Company, Indianapolis, Ind. Wheel. 2,329,901; Sept. 21.
- Herrington, Arthur W., assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. Tractor track and track unit. 2,332,715; Oct. 26.
- Herrington, Rolland. (See McFalls, R. J., and Herrington.)
- Herrlein, Fritz. (See Weihe, A., and Herrlein.)
- Herrmann, Conrad, Wuppertal-Elberfeld, Germany; vested in the Alien Property Custodian. Upholstering material. 2,310,785; Feb. 9.
- Herrmann, Paul J., Dresden, Germany; vested in the Alien Property Custodian. Distributor for tobacco rod forming machines. 2,308,227; Jan. 12.
- Herrmann, Walter. (See Fehle, A., Oesterlin, Herrmann, and Hampel.)
- Herrmann, Willy O., Deishofen, Upper Bavaria, W. Haehnel and H. Deutsch, Munich, Germany; vested in the Alien Property Custodian. Producing polyethines or their derivatives. 2,309,768; Feb. 2.
- Herrmann, Willy O., Diesenhofen, and W. Haehnel, Munich, Germany; vested in the Alien Property Custodian. Halides of polyvinyl compounds. 2,325,513; July 27.
- Herron-Zimmers Moulding Company. (See Hall, William J., assignor.)
- Herschede, William F., Forestville, and W. N. Woodruff, Cincinnati, Ohio, assignors, by mesne assignments, to International Vehicular Parking, Ltd., Washington, D. C. Coin control apparatus. 2,312,836; Mar. 2.
- Herschel, Claude J., St. Louis, Mo. Wall anchoring device. 2,335,672; Nov. 30.
- Hersey, Donald S., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Density measuring device. 2,324,391; July 13.
- Hersey, Donald S., West Hartford, and P. J. Campbell, Manchester, assignors to United Aircraft Corporation, East Hartford, Conn. Fuel distributing device. 2,337,996; Dec. 28.

- Hersh, Herman I., Scotia, N. Y., assignor to General Electric Company. Oil-modified phenolic condensation product and making the same. 2,337,890; Dec. 28.
- Hershsberger, William D., Haddonfield, N. J., assignor to Radio Corporation of America. Sweep circuit generator for cathode ray tubes. 2,312,781; Mar. 2.
- Hershey, Harry E., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Indicating system. 2,330,355; Sept. 28.
- Herskind, Carl C., Schenectady, N. Y., assignor to General Electric Company. Electric valve translating apparatus. 2,335,673; Nov. 30.
- Herson, Jacob, Dayton, Ohio. Distance indicator and system. 2,314,883; Mar. 30.
- Hersperger, Herman. (See Bach, E. C., and Hersperger.)
- Herstein, Karl M., New York, N. Y., assignor to Acrolein Corporation. Acrolein-urea condensation products and producing same. 2,307,742; Jan. 12.
- Herstein, Karl M., Brooklyn, N. Y., assignor to Acrolein Corporation. Production of acrolein. 2,334,091; Nov. 9.
- Hertel, Heinrich, Rostock, Germany; vested in the Alien Property Custodian. Supporting float for aircraft. 2,329,597; June 1.
- Hertel, Heinrich, and J. Murray, Dessau, Germany; vested in the Alien Property Custodian. Double window. 2,308,918; Jan. 19.
- Hertel, Richard K., (See Nicolson, G. F., and Hertel.)
- Hertel, Richard K., Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Latch mechanism for books. 2,323,326; July 6.
- Hertel, George L., Waseca, Minn. Wind sounding device. 2,317,458; Apr. 27.
- Hertlich, Joseph, assignor to The Western States Machine Company, Hamilton, Ohio. Clutch mechanism for centrifugal machines and the like. 2,317,528; Apr. 27.
- Hertlich, Joseph, assignor to The Western States Machine Company, Hamilton, Ohio. Loading gate for centrifugal machines. 2,337,817; Dec. 28.
- Hertzberg, William, New York, N. Y. Manufacturing brushes. 2,337,603; Dec. 28.
- Hertzberger, Herman, New York, N. Y. Sewing machine. 2,334,822; Nov. 23.
- Hertzsch, Charles T. (See Cassens, F. G., Evans, and Hertzsch.)
- Herwaldt, Seymour W. (See Forster, J. S., and Herwaldt.)
- Herwehe, Frederick A. (See Vollmer, E. C., and Herwehe.)
- Herz, Cornelius M. (See Irwin, R. W., and Herz.)
- Herzberger, Maximilian J., assignor to Eastman Kodak Company, Rochester, N. Y. Microscope objective. 2,324,081; July 13.
- Herzberger, Maximilian J., and H. O. Hoadley, assignors to Eastman Kodak Company, Rochester, N. Y. Lens. 2,308,007; Jan. 12.
- Herzenberg, Alfred J., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Seismic exploration method. 2,312,042; Mar. 2.
- Herzer, Alfred E. (See Meier, Karl H., assignor.)
- Herzog, Carl, Belleville, N. J., assignor to Radio Corporation of America. Wire leader. 2,331,094; Nov. 9.
- Herzog, Edward F., Schenectady, N. Y., assignor to General Electric Company. Variable capacitor. 2,309,455; Jan. 28.
- Heshe, Kristian, Aarhus, Denmark; vested in the Alien Property Custodian. Packing for eggs and other brittle articles. 2,133,487; Mar. 9.
- Hess, Alexander M., Jamaica, N. Y. Means for forming plaits. 2,325,056; July 27.
- Hess, Arleigh J., Detroit, Mich., assignor to G. M. and E. Holley, Carburetor. 2,332,716; Oct. 26.
- Hess and Barker. (See King, Alfred T., assignor.)
- Hess, Christian F., Wilmette, Ill. Rake. 2,322,132; June 15.
- Hess, Dr., & Clark, Inc. (See Guthrie, James E., assignor.)
- Hess, Frederic O., assignor to The Sela Company, Philadelphia, Pa. Firecheck. 2,332,380; Oct. 19.
- Hess, Frederic O., Germantown, and J. W. Townsend, assignors to The Sela Company, Philadelphia, Pa. Aircraft heater. 2,314,089; Mar. 16.
- Hess, Frederick P., assignor to The Enterprise Mfg. Co. of Pa., Philadelphia, Pa. Food chopper. 2,337,604; Dec. 28.
- Hess, Heinrich. (See Oettli, J., and Hess.)
- Hess, William P., Menlo Park, Calif. Yarn holder. 2,314,619; Mar. 23.
- Hesse, Holger I., Vedbaek near Copenhagen, Denmark; vested in the Alien Property Custodian. Apparatus for keeping constant temperature. 2,313,015; Mar. 2.
- Hesselberth, Wilfred M. (See George, R. H., and Hesselberth.)
- Hessen, Richard, Bautzen, Germany; vested in the Alien Property Custodian. Production of molding mixtures. 2,333,786; Nov. 9.
- Hessert, Raymond M., Audubon, N. J. Ice cream dispensing and packing device. 2,337,161; Dec. 21.
- Hester, Thomas M., Hawthorne, Calif. Weatherstrip for doors and the like. 2,310,433; Feb. 9.
- Hester, William F. (See Craig, W. E., and Hester.)
- Hester, William F., Drexel Hill, assignor to Röhm & Haas Company, Philadelphia, Pa. Fungicidal composition. 2,317,765; Apr. 27.
- Hester, William F., Drexel Hill, assignor to Röhm & Haas Company, Philadelphia, Pa. Pyrethrum activated and stabilized with polyetheramines. 2,323,688; July 6.
- Hester, William F., Drexel Hill, assignor to Röhm & Haas Company, Philadelphia, Pa. Insecticidal compositions containing polyetheramines. 2,325,514; July 27.
- Hester, William F., Drexel Hill, assignor to Röhm & Haas Company, Philadelphia, Pa. Complex polyamino sulphur compound. 2,326,613; Aug. 10.
- Hetherington & Berner Inc. (See Wilson, Edwin J., assignor.)
- Hetherington, John. (See Hilton, L. M., and Hetherington.)
- Hetherington, Robert, Sharon Hill, Pa. Mechanical gilder. 2,307,779; Jan. 12.
- Hetherington, Robert, Sharon Hill, Pa., assignor to Robert Hetherington & Son, Inc., Wilmington, Del. Plunger type electrical switch. 2,326,942; Aug. 17.
- Hetherington, Robert, & Son, Inc. (See Hetherington, Robert, assignor.)
- Hettelater, Henry C., assignor to Harnischfeger Corporation, Milwaukee, Wis. Hydraulic power actuator. 2,322,133; June 15.
- Hettinger, George, East Rutherford, N. J., assignor to American Sundries Company, Inc., Brooklyn, N. Y. Electrical vaporizer. 2,329,536; Sept. 15.
- Hetrick Manufacturing Company, The. (See Lee, Robert E., assignor.)
- Hetrick Manufacturing Company. (See Smith, William I., assignor.)
- Hetzel, Frank L., Hermosa Beach, Calif. Automotive brake testing machine. 2,325,910; Aug. 3.
- Hetherington, Robert, D. C. Rackett. 2,311,172; Feb. 10.
- Heubner, James G., Fresno, Calif. Ski bench. 2,312,165; Feb. 23.
- Hoyer, Russell P., Villa Nova, Pa., assignor to Essex Research Corporation, Wilmington, Del. Desulphurizing apparatus. 2,319,402; May 18.
- Houschober, Elbert E., assignor to Houschober Engineering Corporation, Fort Worth, Tex. Internal combustion engine. 2,327,523; Aug. 24.
- Houschober Engineering Corporation. (See Houschober, Elbert E., assignor.)
- Houschober Engineering Corporation. (See Lacy, James W., assignor.)
- Houschober Engineering Corporation. (See Sherwood, Noble P., assignor.)
- Howers, Sylvester E., Waterford, N. Y. Teapot. 2,323,468; July 6.
- Hevi Duty Electric Company. (See Sobers, Winfield B., assignor.)
- Heward, Joe W. (See Aaberg, H. A., and Heward.)
- Hewes, Ralph W., assignor to General Railway Signal Company, Rochester, N. Y. Track switch for railroads. 2,324,022; July 20.
- Hewett, John B. (See Serre, M., and Hewett.)
- Hewett, William S., Evanston, Ill., assignor to The Preload Company, Boston, Mass. Concrete tank. 2,329,719; Sept. 21.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Locomotive brake equipment. 2,314,397; Mar. 23.
- Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control device. 2,322,022; June 15.
- Hewitt, Ellis E., Edgewood, and C. M. Ilmes, Pittsburgh, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Railway car generator control. 2,334,823; Nov. 23.
- Hewitt, Ernest W., Stamford, Conn., assignor to The Western Union Telegraph Company, New York, N. Y. Type wheel stop unit. 2,326,298; Aug. 10.
- Hewitt, Eugene E., Indianapolis, Ind. Depth micrometer scriber. 2,335,513; Nov. 30.
- Hewitt, George W., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrostatic ore concentration. 2,314,940; Mar. 30.
- Hewitt, George W., Pittsburgh, and G. W. Penney, Wilkesburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrostatic ore concentrator. 2,314,939; Mar. 30.
- Hewitt, Imla E., Jr., Springfield, Ill. Device as an aid in shoe fitting. 2,312,410; Mar. 2.
- Hewitt, William H., assignor to G. A. Braun, Inc., Chicago, Ill. Keying pin holder for laundry marking. 2,323,220; June 29.
- Hewitt, Willis B., Van Nuys, Calif. Drinking valve. 2,307,220; Jan. 5.
- Hewlett, Amiot P., Summit, N. J., assignor to Standard Oil Development Company. Color stabilization of light distillates. 2,315,957; Apr. 6.
- Hewlett, Amiot P., Cranford, N. J., assignor to Standard Oil Development Company. Regeneration of spent alkali metal hydroxide solutions from refining of mineral oils. 2,316,691; Apr. 13.
- Hewlett, Amiot P., Cranford, N. J., assignor to Standard Oil Development Company. Removal of mercaptan compounds from petroleum oils. 2,336,174; Dec. 7.

- Hewlett, Amiot P., Cranford, N. J., assignor to Standard Oil Development Company. Refining mineral oils. 2,337,467; Dec. 21.
- Hewlett, Amiot P., Summit, and G. E. Phillips, Cranford, N. J., assignors to Standard Oil Development Company. Refining petroleum oils. 2,317,788; Apr. 27.
- Hewlett, Amiot P., Summit, and G. E. Phillips, Cranford, N. J., assignors to Standard Oil Development Company. Refining process. 2,321,914; June 15.
- Hewlett, Clarence W., Schenectady, N. Y., assignor to General Electric Company. Producing blocking layer devices. 2,334,554; Nov. 16.
- Hewlett, Clarence W., Schenectady, N. Y., assignor to General Electric Company. Treatment of surfaces. 2,337,329; Dec. 21.
- Hewson, Bertram T., London, England. Color television. 2,328,145; Aug. 31.
- Hexamer, Homer L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Thermic telltale. 2,331,777; Oct. 12.
- Hextall, Dale H., Grundy County, Ill. Motor vehicle bumper. 2,312,036; Feb. 23.
- Hexter, Joseph, and W. E. Lahnam, assignors to Columbia Baking Company, Atlanta, Ga. Wrapping machine. 2,332,316; Oct. 19.
- Hey, Henry W. (See Hill, E. G., and Hey.)
- Hey, Henry W., assignor to Automatic Shifters, Inc., Richmond, Va. Power steering mechanism. 2,313,704; Mar. 9.
- Heybourne, Victor C., Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Document photographing camera. 2,323,600; July 6.
- Heydon Chemical Corporation. (See Sabalitschka, Theodor, assignor.)
- Heyn, Benjamin F. W. (See Mohlen, C., Bels, and Heyn.)
- Heyer, Don, Hollywood, Calif. Film holder. 2,327,108; Aug. 17.
- Heyer, Don, Hollywood, Calif. Continuous film exhibitor. 2,332,717; Oct. 26.
- Heylandt, Christian W. P., R. Mewes, and A. Ponatz, Berlin-Britz, and Alfred Heyer, Berlin-Schmargendorf, Germany; vested in the Alien Property Custodian. Sealing of rotary valves. 2,330,583; Sept. 28.
- Heyman, Ernest. (See Hyatt, L. C., and Heyman.)
- Heyman, Irene K. (See Heyman, Moses D., assignor.)
- Heyman, Moses D., assignor of one-half to I. K. Heyman, Cedarhurst, N. Y. Feeding mechanism for power presses and like machines. 2,322,994; June 22.
- Heyman, Wilbert A., assignor to Granular Foods, Inc., New York, N. Y. Expanded solid corn sirup. 2,327,351; Aug. 24.
- Heyman, Wilbert A., assignor to Granular Foods, Inc., New York, N. Y. Porous expanded citrus fruit products. 2,328,554; Sept. 7.
- Heyman, Wilbert A., assignor to Granular Foods, Inc., New York, N. Y. Expanded solid corn sirup combination. 2,332,513; Oct. 26.
- Heymann, Hugo. (See Wickler, H., and Heymann.)
- Heymann, Karl, Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Production of mono-filaments. 2,321,746; June 15.
- Heymann, Karl, Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Dyeing vinyl polymers. 2,332,003; Sept. 7.
- Heyne, Clarence A. (See Jackson, A. S., and Heyne.)
- Heyne, Clarence A., Alton, Ill., assignor to Owens-Illinois Glass Company. Decorating apparatus. 2,307,404; Jan. 6.
- Heyning, Goldolph A., Velsen, Netherlands; vested in the Alien Property Custodian. Road surfaces, road foundations, and similar layers. 2,313,190; Mar. 9.
- Heyroth, Albert H., assignor to The Carborundum Company, Niagara Falls, N. Y. Siliconized silicon carbide connection and making the same. 2,319,323; May 18.
- Heywood Compressor Company Limited, The. (See Hunt, J. A., and Moreillon, assignors.)
- Heywood Russell W. (See Farron, J. W., Heywood, and Donnelly.)
- Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Manufacture of dry-sealing envelopes. 2,312,162; Feb. 23.
- Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Continuous envelope. 2,332,637; Oct. 26.
- Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Assembly of series-connected envelopes. 2,332,638; Oct. 26.
- Heywood-Wakefield Company. (See Bell, Alfred B., assignor.)
- Heywood-Wakefield Company. (See Fred, Selim A., assignor.)
- Heywood-Wakefield Company. (See Larsen, L., and Klar, assignor.)
- Hlatt, Gordon D. (See Malm, C. J., and Hlatt.)
- Hlatt, Gordon D., and L. W. Blanchard, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Preparing cellulose esters. 2,316,866; Apr. 20.
- Hlatt, Hayden H., and O. L. Kramer, Los Angeles, Calif. Spring seat construction. 2,315,791; Apr. 6.
- Hlatt, W. G. (See Drennan, H. E., Hlatt, and Creel.)
- Hibbard, Frank H., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pulse regenerator. 2,322,848; June 29.
- Hibbard, Frank H., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Digit signal translator. 2,336,543; Dec. 14.
- Hibbert, Harold, and A. B. Cramer, Montreal, Quebec, Canada. Manufacture of distillable oils from wood and other plant materials. 2,320,598; June 1.
- Hibbs, Earl D., Philadelphia, Pa. Hand grenade. 2,330,490; Sept. 28.
- Hibner, De Los E., Du Bois, and F. C. Arey, Freeport, Pa., assignors to Vulcan Soot Blower Corporation. Soot blower. 2,319,682; May 18.
- Hibner, De Los E., Dubois, and F. C. Arey, Freeport, assignors to Vulcan Soot Blower Corporation. Automatic soot blower system. 2,327,524; Aug. 24.
- Hibschman, Allen E., Cleveland Heights, W. J. Kelly, Wilkinsburg, Pa., and P. H. Hume, Lakewood, Ohio, assignors to Carnegie-Illinois Steel Corporation. Extensometer. 2,332,373; Oct. 26.
- Hibshman, Henry J. (See Holmes, A., and Hibshman.)
- Hibshman, Henry J., Plainfield, N. J., assignor to Standard Oil Development Company. Refining of mineral oils. 2,330,054; Sept. 21.
- Hick, Joseph J., Hays, Pa. Incendiary bullet. 2,337,658; Dec. 28.
- Hick, Reuben J., Bridgeview, Alberta, Canada. Barrel rack. 2,321,814; June 15.
- Hickey, Henry J., Beverly Hills, Calif. Internal combustion engine. 2,312,790; Apr. 20.
- Hickey, Herbert. (See Highberg, G. A., and Hickey.)
- Hickey, James, Portland, Ore. Feed reversing mechanism for sewing machines. 2,311,184; Feb. 16.
- Hickey, James, Portland, Ore. Overcasting device for sewing machines. 2,321,747; June 15.
- Hickey, James, Portland, Ore. Sewing machine. 2,337,193; Dec. 21.
- Hickey, James, Portland, Ore. Parking indicator. 2,337,194; Dec. 21.
- Hickey, John J., Arlington, N. J. Machine for playing games. 2,334,092; Nov. 9.
- Hickey, John J., Arlington, N. J. Machine for playing solitaire. 2,334,093; Nov. 9.
- Hickey, John J., Arlington, N. J. Machine for playing bridge. 2,334,094; Nov. 9.
- Hickling, Edith, Minneapolis, Minn. Toy train. 2,332,718; Oct. 26.
- Hickman, Albert F., assignor to Hickman Pneumatic Seat Co., Inc., Eden, N. Y. Tandem axle suspension. 2,333,650; Nov. 9.
- Hickman, Clarence N., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Threading rolling mills. 2,316,067; Apr. 6.
- Hickman, Clarence N., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching device. 2,324,623; July 20.
- Hickman, Clarence N., Jackson Heights, and E. Lakatos, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,312,902; Mar. 2.
- Hickman, Hal, Lancaster, Calif. Screw cap opener. 2,320,599; June 1.
- Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. High vacuum distillation apparatus. 2,308,008; Jan. 12.
- Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Distillation apparatus. 2,313,646; Mar. 9.
- Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Vitamin preparation. 2,326,644; Aug. 10.
- Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Distillation process and apparatus. 2,327,788; Aug. 24.
- Hickman, Kenneth C. D., and E. Le B. Gray, assignors to Distillation Products, Inc., Rochester, N. Y. Vitamin D distillation process and product. 2,316,068; Apr. 6.
- Hickman Pneumatic Seat Co. (See Hickman, Albert F., assignor.)
- Hickok Electrical Instrument Company, The. (See Knudsen, Knud J., assignor.)
- Hicks, Chester C., Indianapolis, Ind. Break device for hinge supports. 2,314,144; Mar. 16.
- Hicks, Chester C., Indianapolis, Ind. Extension leaf table. 2,336,685; Dec. 14.
- Hicks, James R., assignor to The Bristol Company, Waterbury, Conn. Sheet securing and retaining device. 2,336,933; Dec. 14.
- Hicks, James R., and P. A. Borden, Waterbury, assignors to The Bristol Company, Waterbury, Conn. Rate-exhibiting device for integrating meters. 2,329,370; Sept. 14.
- Hicks, Lewis E., Milwaukee, assignor of eight per cent to A. W. Swanson, eight per cent to G. Fogg, eight per cent to J. W. Lehman, eight per cent to A. T. Poole, and eight per cent to R. H. Lane, all of Portland, and eight per cent to P. O. Jones and C. M. Jones, both of Milwaukee, Oreg., jointly. Headlight. 2,318,311; May 4.
- Hicks, Reginald, Yonkers, N. Y. Adjustable electric shaver. 2,335,413; Nov. 30.
- Hicks, Roy B., et al. (See Seawright, Clyde V., assignor.)
- Hicks, Walter L., Trion, Ga. Shuttle box. 2,310,369; Feb. 9.
- Hicks, William M., Cincinnati, Ohio. Tackless roller shade assembly. 2,322,934; June 29.

- Hidy, Herald B., Wentzville, Mo. Polygon square. 2,327,892; Aug. 24.
- Hibert, Erdman R., Sardis, British Columbia, Canada. Churnette machine. 2,325,514; Nov. 30.
- Hiemann, Walter. (See Schellhammer, H. J., and Hiemann.)
- Hiers, Glen S., Bala-Cynwyd, assignor to Collins & Adams Corporation, Philadelphia, Pa. Method of attaching and straightening flock. 2,328,904; Sept. 7.
- Higby, Tracy A., Boise, Idaho. Pneumatic spring. 2,317,057; Apr. 20.
- Higgin Products, Inc. (See Stormstedt, Frank W., assignor.)
- Higginbotham, Eugene E., Escalon, Calif. Baled hay separator. 2,324,159; July 15.
- Higginbotham, Naud W., Phoenix, Ariz. Bedspring roller. 2,330,711; Sept. 28.
- Higgins, Allan H. W. (See Fischer, H. C., and Higgins.)
- Higgins, Andrew J., New Orleans, La. Amphibian bridge. 2,321,677; June 15.
- Higgins, Andrew J., assignor to Higgins Industries, Inc., New Orleans, La. Boat hull construction. 2,312,458; Mar. 2.
- Higgins, Andrew J., and J. M. Poche, New Orleans, La. Coupling hook. 2,328,341; Aug. 31.
- Higgins, Bertram G. (See Whiteley, A. L., and Higgins.)
- Higgins, Charles G., London, England. Folded map, plan, and chart. 2,333,569; Nov. 2.
- Higgins, Edward, assignor of fifty per cent to M. C. Meyer, Brooklyn, N. Y. Pistolclizers. 2,317,380; Apr. 27.
- Higgins, Ernest H., Salt Lake City, Utah. Obtaining resin extracts from coal. 2,330,887; Oct. 5.
- Higgins, Eugene, Jackson, Mich. Automatic control for pressure pumps. 2,333,422; Nov. 2.
- Higgins, Frank E. (See Eich, F. A., and Higgins.)
- Higgins, George. (See Lindberg, Charles A., assignor.)
- Higgins, George A., Jr., Huntington, Ind. Coat and trousers hanger. 2,322,935; June 29.
- Higgins, Gertrude M., Baltimore County, Md. Hairdressing apparatus. 2,341,489; Nov. 16.
- Higgins Industries, Inc. (See Higgins, Andrew J., assignor.)
- Higgins, Joseph E., Grand Island, Nebr. Rotary lawn sprinkler. 2,314,702; Mar. 23.
- Higgins, Joseph E., Grand Island, Nebr., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,321,083; June 8.
- Higgins, Martin G. (See McManus, J. A., and Higgins.)
- Higgins, Sheridan, Van Nuys, Calif. Producing multi-colored pottery. 2,332,447; Oct. 19.
- Higgins, Thilda, Spokane, Wash. Insulated milk bottle cover. 2,325,955; Aug. 3.
- Higgins, William H. C., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Oscillating system. 2,310,605; Feb. 9.
- Highberg, George A., West Hartford, and H. Hekey, assignors to The Cushman Chuck Company, Hartford, Conn. Chuck operating mechanism. 2,322,440; June 22.
- Highfield, John S., London, England. Metering apparatus. 2,307,888; Jan. 12.
- Highrithr, Harry W., Lake Forest, Ill., and W. C. Lillendahl, Mountain Lakes, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Manufacture of tungstic acid. 2,316,583; Apr. 13.
- Hill, Sanford, Manufacturing Company, The. (See Robinson, Thomas E., Jr., assignor.)
- Hight, Herbert S., assignor to San Joaquin Valley Walnut Growers Association, Linden, Calif. Liquid metering and mixing apparatus. 2,324,580; July 20.
- Hight, Stuart C., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal element. 2,320,080; May 25.
- Hight, Stuart C., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal apparatus. 2,320,131; May 25.
- Highway Safety Appliances, Incorporated. (See Elston Rue R., assignor.)
- Highway Trailer Company. (See Allen, Edwin H., assignor.)
- Higley, Frank R. (See Ryden, E. H., and Higley.)
- Higley, Frank R., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Thermopile. 2,310,026; Feb. 2.
- Higley, Frank R., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Heating apparatus. 2,330,122; Sept. 21.
- Higley, Frank R., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Heat exchanger. 2,332,969; Oct. 26.
- Higley, Frank R., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Valve. 2,333,102; Nov. 2.
- Higley, Frank R., and V. O. Beam, Cleveland Heights, Ohio, assignors to The Bryant Heater Company, Cleveland, Ohio. Snap valve. 2,317,271; Apr. 20.
- Higley, Henry R., Pittsfield, Mass. Glaremeter. 2,321,915; June 15.
- Hignutt, Frank A., Port Norris, N. J. Attachment plug. 2,316,163; Apr. 13.
- Hilblom, Samuel E., assignor. (See MacDonald, R. D., and Hilblom.)
- Hilblom, Samuel E., Chicago, Ill., assignor to International Harvester Company. Sweep rake. 2,314,214; Mar. 16.
- Hilblom, Samuel E., Chicago, Ill., assignor to International Harvester Company. Mower. 2,314,215; Mar. 16.
- Hilblom, Samuel E., Chicago, Ill., assignor to International Harvester Company. Control means for agricultural implements. 2,314,216; Mar. 16.
- Hilblom, Samuel E., Chicago, Ill., assignor to International Harvester Company. Control means for agricultural implements. 2,332,719; Oct. 26.
- Hilborn, Edwin H. (See Nadeau, G. F., and Hilborn.)
- Hild, Henry F., Philadelphia, Pa., assignor to Condenser Corporation of America, South Plainfield, N. J. Apparatus for feeding foll. 2,320,729; June 1.
- Hild, Henry F., assignor to Condenser Corporation of America, South Plainfield, N. J. Automatic winding machine. 2,333,570; Nov. 2.
- Hildebrand, Ralph L., Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical dust-precipitator indicating system. 2,310,786; Feb. 9.
- Hildebrand, Walter. (See Logemann, W., and Hildebrand.)
- Hildebrand, William R., New York, N. Y. Two-color printing press. 2,342,037; Feb. 23.
- Hild, Henry F., Philadelphia, Pa., assignor to U. S. Industrial Alcohol Co., New York, N. Y. Treatment of molasses fermentation solutions. 2,315,422; Mar. 30.
- Hildebrandt, Frank M., Baltimore, Md., assignor to U. S. Industrial Alcohol Co., New York, N. Y. Manufacture of fermentation glycerine from molasses. 2,315,423; Mar. 30.
- Hildebrandt, Friedrich. (See Schoeller, W., Hildebrandt, and Schwenk.)
- Hildebrandt, Friedrich. (See Schoeller, W., Serini, Hildebrandt, Strassberger, Kathol, and Logemann.)
- Hildebrandt, Friedrich, Berlin Charlottenburg, Germany, assignor to Schering Corporation, Bloomfield, N. J. Encapsulating therapeutically valuable alcohols from germinal gland hormones. 2,330,215; Sept. 28.
- Hildebrandt, Friedrich, Hohen Neundorf, near Berlin, and L. Strassberger, Berlin-Wilmersdorf, Germany, assignors, by mesne assignments, to Schering Corporation, Bloomfield, N. J. Acyl compounds of polycyclic alcohols with germinal gland hormone characteristics and producing the same. 2,332,186; Oct. 19.
- Hildebrecht, Charles V., Chicago, Ill., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Burner control apparatus. 2,312,547; Mar. 2.
- Hildenbrand, Kenneth W. (See Watson, J. W., and Hildenbrand.)
- Hildman, William B., assignor to Brock & Rankin, Chicago, Ill. Control for book sewing machines. 2,334,265; Nov. 16.
- Hile, Jessie M. (See Newhouse, W. F., and Hile.)
- Hileman, Howard B., Lancaster, Ohio, assignor to Ray-O-Vac Company. Molding process. 2,307,371; Jan. 5.
- Hileman, Paul D. (See Rogers, R. M., and Hileman.)
- Hilferty, Daniel J., Hyattsville, Md. Automatic pilot. 2,334,704; Nov. 23.
- Hilferty, Richard A., Baldwin, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Keying control system. 2,335,278; Nov. 30.
- Hilgeman, Carl F. (See Shelby, A., and Hilgeman.)
- Hilger, William P., assignor to B. H. Flanagan and M. H. O'Link, St. Cloud, Minn. Shipping container for breakable sheets. 2,337,468; Dec. 21.
- Hilkemeier, Louis G. (See Viell, G. C., and Hilkemeier.)
- Hilker, Earl E. (See Brisbane, E. C., and Hilker.)
- Hilker, Earl E., Spring Garden Township, York County, assignor to S. Morgan Smith Company, York, Pa. Valve operating mechanism. 2,327,125; Aug. 24.
- Hill Acme Company, The. (See Herick, L. A., assignor.)
- Hill, Albert E., Syracuse, N. Y. Rail joint. 2,313,034; Mar. 2.
- Hill, Albert F., Longueuil, Quebec, Canada. Post driving head. 2,330,360; Sept. 28.
- Hill, Alfred G. (See Dolt, M. L., and Hill.)
- Hill, Andrew E. (See Booker, C. A., and Hill.)
- Hill, Arthur R. (See Morse, L. G., Hill, and Morse.)
- Hill, Aubrey P., and G. W. Cook, Minn. Door or panel. 2,323,327; July 6.
- Hill Bros. Coffee Inc. (See Darling, Elton R., assignor.)
- Hill, Carson E., Ferndale, Mich. Fishing reel. 2,326,645; Aug. 10.
- Hill, Charles, Reno, Nev. Spring winding device. 2,311,230; Feb. 16.
- Hill, Charles A., Buffalo, assignor to American Radiator & Standard Sanitary Corporation, New York, N. Y. Wall structure. 2,319,403; May 18.
- Hill, Charles F., Edgewood, and L. J. Berberich, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Corona elimination in generator end windings. 2,318,074; May 4.
- Hill, Dewey H., Macomb, Ill., assignor to Globe American Corporation, Kokomo, Ind. Fuel oil burner. 2,326,221; Aug. 10.
- Hill, Dewey H., and D. B. Tolley, Macomb, Ill., assignors to Globe American Corporation, Kokomo, Ind. Brooder construction for chicks. 2,318,777; May 11.

- Hill, Earl S., assignor to Stanolind Oil & Gas Company, Tulsa, Okla. Recovery of distillate hydrocarbons from well fluids. 2,327,187; Aug. 17.
- Hill, Edward G., assignor to Hill Engineering Corporation, Richmond, Va. Clutch control mechanism. 2,326,943; Aug. 17.
- Hill, Edward G., and H. W. Hey, assignors to Hill Engineering Corporation, Richmond, Va. Clutch control mechanism for motor vehicles. 2,320,182; May 25.
- Hill, Edward G., and H. W. Hey, assignors to Hill Engineering Corporation, Richmond, Va. Clutch control mechanism. 2,330,424; Sept. 28.
- Hill Engineering Corporation. (See Hill, Edward G., assignor.)
- Hill Engineering Corporation. (See Hill, E. G., and Hey, assignors.)
- Hill, Frank, Borger, Tex. Welding apparatus. 2,323,039; June 29.
- Hill, Frank R. (See Dreyfus, H., Moneriff and Hill.)
- Hill, Frank E., Detroit, and F. G. da Roza, Ferndale, assignors to General Motors Corporation, Detroit, Mich. Control system. 2,315,958; Apr. 6.
- Hill, Fred C., Neenah, Wis. Weed destroying tool. 2,335,182; Nov. 23.
- Hill, Frederick W., Rutherford, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Inking arrangement for printing presses. 2,330,359; Sept. 28.
- Hill, George B., assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Feed cutter. 2,313,872; Mar. 16.
- Hill, George B., assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Sweep rake. 2,322,295; June 22.
- Hill, George E., New Barnet, and S. M. Goldsmith, London, England. Apparatus for training aircraft pilots. 2,329,612; Sept. 14.
- Hill, George L., Oakland, Calif. Circuit breaker and switch. 2,317,778; Dec. 12.
- Hill, George M. and G. S. Long Beach, Calif. Strap forming machine. 2,336,611; Dec. 14.
- Hill, George S. (See Hill, George M. and G. S.)
- Hill, Glenn W. (See Hill, Aubrey P. and G. W.)
- Hill, Harold N., assignor to Asten-Hill Mfg. Co., Philadelphia, Pa. Drier belt. 2,317,910; Apr. 27.
- Hill, Harold N., Bethlehem, Pa., assignor to Bethlehem Steel Company. Welded pipe joint. 2,324,928; July 20.
- Hill, Hermann, assignor to Magazine Repeating Razor Company, Bridgeport, Conn. Blade loading machine. 2,325,133; July 27.
- Hill, Hermann, assignor to Magazine Repeating Razor Company, Bridgeport, Conn. Variable speed power transmission. 2,336,610; Dec. 14.
- Hill, James H., and H. F. Craven, Redondo Beach, Calif. Dredge. 2,337,818; Dec. 28.
- Hill, James H., Cleveland Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery. 2,326,537; Aug. 10.
- Hill, John A., West Allis, Wis. Leak detector. 2,330,972; Oct. 5.
- Hill, John L., Dallas, Tex. assignor of one-half to Continental Oil Company, Ponca City, Okla. Operating high pressure oil and gas wells. 2,309,075; Jan. 19.
- Hill, Joseph H., Company. (See Byrum, Roy L., assignor.)
- Hill, Julian W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of cellulose mixed esters. 2,322,575; June 22.
- Hill, Julian W., and W. D. Nicoll, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stretch-spun regenerated cellulose fiber having an improved loop tenacity. 2,335,592; Nov. 30.
- Hill, Laurence B., and E. G. Mosher, assignors to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,328,146; Aug. 31.
- Hill, Laurence B., and E. G. Mosher, assignors to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Typewriting machine. 2,331,120; Oct. 5.
- Hill, Lawrence R., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Flexible insulating material. 2,320,866; June 1.
- Hill, Lawrence R., Edgewood, and A. L. Brown, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulating material. 2,307,587; Jan. 5.
- Hill, Luther R., Radburn, G. A. Vincent, Tenack, and E. W. Howard, Glen Rock, assignors to The M. W. Kellogg Company, Jersey City, N. J. Hydrogen purification. 2,315,424; Mar. 30.
- Hill, Lyle O., and L. W. Short, assignors to The American Dairy Cattle Club, Chicago, Ill. Container. 2,315,425; Mar. 30.
- Hill, Lyle O., and L. W. Short, assignors to The American Dairy Cattle Club, Chicago, Ill. Heat exchange material. 2,327,041; Aug. 17.
- Hill, Lyle O., and L. W. Short, assignors to The American Dairy Cattle Club, Chicago, Ill. Heat exchange material. 2,333,862; Nov. 9.
- Hill, Ralph M., Cranford, N. J., assignor to Standard Oil Development Company. Cracking blended heavy crude. 2,332,794; Oct. 26.
- Hill, Reuben, (See Harvey, Leo M., Harvey, and Hill.)
- Hill, Richard O. H., Larchmont, N. Y. Cardcase. 2,311,173; Feb. 16.
- Hill, Robert H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Nonoverfill device. 2,310,080; Feb. 2.
- Hill, Robert H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Generator transmission. 2,310,081; Feb. 2.
- Hill, Robert H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Horn motor and relay. 2,317,058; Apr. 20.
- Hill, Robert H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Remote automatic radio control. 2,320,867; June 1.
- Hill, Robert H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Nonoverfill device. 2,337,750; Dec. 28.
- Hill, Rolo F., Los Angeles, Calif. Holder for renewable filter units. 2,337,469; Dec. 21.
- Hill, Rolo D., assignor of one-half to G. S. Tucker, Los Angeles, Calif. Oil filter. 2,337,470; Dec. 21.
- Hill, Rowland, assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Hood latch assembly with sliding bolt. 2,316,692; Apr. 13.
- Hill, Walter E. (See McLaughlin, H. F., and Hill.)
- Hill, Walter E. (See McLaughlin, H. F., Hill, Morgan, and Wintle.)
- Hill, Walter P., Detroit, assignor, by mesne assignments, to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Method and apparatus for shaping members. 2,313,474; Mar. 9.
- Hill, Walter P., Detroit, assignor to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Method and apparatus for drawing and reducing tubular stock. 2,335,939; Dec. 7.
- Hill, William H., Mount Lebanon, Pa., assignor to American Cyanamid Company, New York, N. Y. Organic mercury compound. 2,323,397; July 6.
- Hillberg, Eror, assignor to Superior Concrete Accessory Company, Louisville, Ky. Applicator and tie for concrete forms. 2,335,338; Nov. 30.
- Hillbrand, Gottfried. (See Kehse, W., and Hillbrand.)
- Hilbring, Carl F., Akron, Ohio, assignor to American Hard Rubber Company, New York, N. Y. Making spiders for steering wheels. 2,334,767; Nov. 23.
- Hillebrand, William E., assignor to Vapo-Therm Process Company, Louisville, Ky. Applicator and boiler for thermal-vapor treatment of congestions in the human body. 2,316,333; Apr. 13.
- Hillenbrand, Carl J., Pittsburgh, Pa. Folding fire-escape ladder. 2,317,459; Apr. 27.
- Hillenbrand, William A., assignor to Hill-Rom Company, Inc., Batesville, Ind. Table post construction. 2,321,204; June 8.
- Hillenbrand, William A., assignor to Hill-Rom Company, Inc., Batesville, Ind. Mounting for laterally extended table tops. 2,329,902; Sept. 21.
- Hillgren, James, Huntington Park, Calif. Doorknob. 2,326,646; Aug. 10.
- Hilliard Corporation, The. (See La Brecque, Theodore A., assignor.)
- Hilliard, Thomas H., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Fabric treatment. 2,308,511; Jan. 19.
- Hillier, James, Collingswood, N. J., assignor to Radio Corporation of America. Demountable electron gun. 2,319,081; May 11.
- Hillier, James, Collingswood, N. J., assignor to Radio Corporation of America. Projection lens for electron microscopes. 2,323,328; July 6.
- Hillier, James, Collingswood, N. J., assignor to Radio Corporation of America. Scanning microscope. 2,330,888; Oct. 5.
- Hillix, Foster F., Lakewood, Ohio, assignor to The American Steel and Wire Company of New Jersey. Apparatus for lapping and polishing operations. 2,308,585; Jan. 26.
- Hillix, Foster F., Lakewood, Ohio, assignor to The American Steel and Wire Company of New Jersey. Lapping tool. 2,329,720; Sept. 21.
- Hillix, Foster F., Lakewood, and F. J. Leach, Parma, Ohio, assignors to The American Steel and Wire Company of New Jersey. Stippling metal rolls and the like. 2,337,016; Dec. 14.
- Hillix, Foster F., Lakewood, and F. J. Leach, deceased, Parma, Ohio, by A. M. Leach, Lyons, N. Y., executrix, assignors to The American Steel and Wire Company of New Jersey. Apparatus for stippling metal rolls and the like. 2,337,017; Dec. 14.
- Hillix, Foster F., Lakewood, and F. J. Leach, deceased, Parma, Ohio, by A. M. Leach, Lyons, N. Y., executrix, assignors to The American Steel and Wire Company of New Jersey. Apparatus for stippling metal rolls and the like. 2,337,018; Dec. 14.
- Hill-Rom Company. (See Hillenbrand, William A., assignor.)
- Hills Bros. Coffee, Inc. (See Weeks, Max F., assignor.)
- Hill-Shaw Company. (See Morse, Norman W., assignor.)
- Hillstrom, Sylvia, Evanston, Ill. Cotter pin. 2,305,605; Jan. 19.
- Hillyer, John C. (See Schulze, W. A., and Hillyer.)
- Hi-Lo Corporation. (See Heller, David, assignor.)
- Hilpert, Arthur J. (See Stensrud, John A., assignor.)
- Hilquist, Milford, South Gate, Calif. Film holder. 2,329,989; Sept. 21.
- Hilt, John J., assignor to Young Radiator Company, Racine, Wis. Oil cooler. 2,323,994; July 13.

- Hilton, Lewis D., Houston, Tex. Packing ring. 2,330,425; Sept. 28.
- Hilton, Louis M., Stanmore, and J. Hetherington, West Belling, London, assignors to The Fairly Aviation Company Limited, Hayes, Middlesex, England. Sighting apparatus for use on aircraft and for like purposes. 2,317,059; Apr. 20.
- Hilson, Stanley. (See Thornley, B. D., and Hilson.)
- Himes, Ross A., Oakland, Calif. Bottom structure for folding paper boxes. 2,327,709; Aug. 24.
- Himes, Ross A., Oakland, Calif. Bottom structure for folding paper boxes. 2,327,710; Aug. 24.
- Himmel Brothers Company, The. (See Drummond, F. E., and Bench, assignors.)
- Himmel Brothers Company, The. (See Himmel, Fred, and Isidore.)
- Himmel, Fred, and I. Himmel, New Haven, assignors to The Himmel Brothers Company, Hamden, Conn. Manufacturing shields. 2,313,236; Mar. 9.
- Himmel, Isidore. (See Himmel, Fred and Isidore.)
- Hinchcliff, Alfred W., Strongsville, Ohio, assignor of one-half to A. R. Kumer, Pittsburgh, Pa. Bomb lub protector. 2,314,942; Mar. 30.
- Hinchcliffe, Sydney, Wylam-on-Tyne, England. Fuel injection system for use in multicylinder compression-ignition engines. 2,317,947; Apr. 27.
- Hinchcliffe, Sydney, Wylam-on-Tyne, England. Fuel injection system for compression-ignition engines. 2,313,183; Nov. 23.
- Hincher, Lee D., Seattle, Wash. Production of ribbon bowl. 2,317,609; Apr. 27.
- Hinchman, Alva K., Bryn Mawr, Pa., assignor to Ozone Gas Combustion Co., Inc. Feeding liquefied gas-ozone fuel to internal combustion engines. 2,324,392; July 13.
- Hinchman, Alva K., Bryn Mawr, Pa., assignor to Ozone Gas Combustion Co., Inc. Mixing valve. 2,320,371; Sept. 14.
- Hincke, William B. (See Hasche, R. L., and Hincke.)
- Hinckley-Myers Company. (See Graham, George M., assignor.)
- Hinde & Dauch Paper Company, The. (See Chambliss, Frank G., assignor.)
- Hinde & Dauch Paper Company, The. (See Courson, George F., assignor.)
- Hinde & Dauch Paper Company, The. (See Drewsen, P., and Little, assignors.)
- Hinde & Dauch Paper Company, The. (See Henderson, George T., assignor.)
- Hinde & Dauch Paper Company, The. (See Wohlers, Friedrich H. N., assignor.)
- Hiner, Henry E., Milton, W. Va. Speed governor for internal combustion engines. 2,312,549; Mar. 2.
- Hines, Benjamin McF., assignor to Vick Chemical Company, New York, N. Y. Container. 2,318,778; May 11.
- Hines, Claude M. (See Borst, D. R., and Hines.)
- Hines, Claude M. (See Crittenden, P. L., and Hines.)
- Hines, Claude M. (See Hewitt, E. K., and Hines.)
- Hines, Claude M., Pittsburgh, assignor to The Wheelinghouse Air Brake Company, Wilmerding, Pa. Wheel slip responsive means. 2,317,146; Apr. 20.
- Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle brake control system. 2,329,761; Sept. 21.
- Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control system. 2,329,763; Sept. 21.
- Hines, Claude M., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle brake and propulsion control. 2,327,717; Dec. 28.
- Hines, Claude M., Pittsburgh, and D. R. Borst, Pitscain, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,308,878; Jan. 10.
- Hines, Claude M., Pittsburgh, and N. F. Agnew, Penn Township, Allegheny County, assignors to The Union Switch and Signal Company, Swissvale, Pa. Switch control circuit. 2,312,038; Feb. 23.
- Hines, Claude M., Pittsburgh, and D. R. Borst, Pitscain, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,317,133; Apr. 20.
- Hines, Earle G., West Milford, N. J., and E. Barany, assignors to International Projector Corporation, New York, N. Y. Shockproof gear. 2,307,129; Jan. 5.
- Hines, John E., Rochester, Minn. Automobile jack. 2,316,430; Apr. 13.
- Hines, Robert B., East Cleveland, and C. Johnson, Cleveland Heights, Ohio, assignors to Bailey Meter Company. Measuring apparatus. 2,334,926; Nov. 23.
- Hines, Rufus E., Chicago, Ill. Collet chuck. 2,337,471; Dec. 21.
- Hingley, Alfred G. (See Goldney, P. T., and Hingley.)
- Hingley, James W., Chester, Pa. Vehicle spring lock. 2,312,163; Feb. 23.
- Hinkamp, Joseph A., Chicago, and H. R. Brasel, Lake Bluff, assignors to General Bandages, Inc., Chicago, Ill. Producing self-adhering gauze bandages. 2,337,399; Dec. 21.
- Hinkle, George A., New York, N. Y. Artificial leg. 2,327,042; Aug. 17.
- Hinkley, Ray A., assignor to Corning Glass Works, Corning, N. Y. Method and apparatus for perforating glass articles. 2,314,826; Mar. 23.
- Hinkley, Ray A., and J. L. Miller, assignors to Corning Glass Works, Corning, N. Y. Apparatus for coating articles. 2,316,959; Apr. 20.
- Hinman, Donald D., Cleveland Heights, Ohio, assignor to General Electric Company. Fluid cooled electric discharge device. 2,321,678; June 15.
- Hinman, Walker M., Winnetka, and W. G. Hollmann, assignors to The Frederick Post Company, Chicago, Ill. Manufacture of transparentized sheets for drawing, tracing, and copy reproduction. 2,323,469; July 6.
- Hinman, Wilbur S., Jr. (See Diamond, H., and Hinman.)
- Hinnekens, Maurice G., Paterson, N. J. Tenting machine. 2,307,221; Jan. 5.
- Hinrichs, Ferdinand, assignor to Tri-Clover Machine Company, Kenosha, Wis. Art of couplings. 2,335,414; Nov. 30.
- Hinshelwood, Peter, Chicago, Ill. Black-out system. 2,334,194; Nov. 16.
- Hinson, James N., assignor to The Hinson Manufacturing Company, Waterloo, Iowa. Luggage bag. 2,313,547; Mar. 9.
- Hinson Manufacturing Company, The. (See Hinson, James H., assignor.)
- Hintz, Otto E., Jr., Moline, Ill., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Safety release for plows and the like. 2,331,686; Oct. 12.
- Hinzmann, Karl. (See Doser, A., Bayer, and Hintzmann.)
- Hipple, James L., Canton, Ill., assignor to International Harvester Company. Planting attachment. 2,318,392; May 4.
- Hipple, James L., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,324,810; July 20.
- Hipple, James L., Canton, Ill., assignor to International Harvester Company. Tractor-mounted implement. 2,330,283; Oct. 28.
- Hipple, James L., Canton, Ill., assignor to International Harvester Company. Tractor-mounted implement. 2,332,720; Oct. 26.
- Hipple, John A., Jr., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mass spectrometer. 2,331,189; Oct. 5.
- Hipple, John A., Jr., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mass spectrometer. 2,331,190; Oct. 5.
- Hiromi, Tetsutaro, Yodobashi-ku, Tokyo, and R. Yanagida, Nhonbashi-ku, Tokyo, Japan; vested in the Allen Property Custodian. Making piston rings. 2,337,907; Dec. 28.
- Hiroshima, Hidekichi S., Culver City, Calif. Spreader. 2,323,995; July 13.
- Hirsch, Albert W. H., Tampa, Fla. One-time fastener. 2,309,315; Jan. 26.
- Hirsch, Eugen, Vienna, Austria, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition and making the same. 2,308,879; Jan. 10.
- Hirsch, Friedrich P. (See Main, D. W., and Hirsch.)
- Hirsch, George B., Providence, R. I., assignor to Brown and Sharpe Manufacturing Company. Machine tool. 2,327,109; Aug. 17.
- Hirsch, Joel H., assignor to The Vickers Petroleum Co. of Delaware, Wichita, Kans. Catalytic cracking and reclamation of catalysts. 2,313,940; Mar. 16.
- Hirsch, Joel H., Wichita, Kans., assignor to de Florez Engineering Co., Inc., Hartford, Conn. Cracking hydrocarbon oils. 2,316,334; Apr. 13.
- Hirsch, John, Alexandria, La. Shoe. 2,327,043; Aug. 17.
- Hirsch, Mano, Brooklyn, N. Y. Articulated joints for dolls or similar toys. 2,323,040; June 29.
- Hirschberger, Jakob, New York, N. Y. Reclaiming or regenerating rubber from rubber waste products. 2,313,146; Mar. 9.
- Hirschberger, Jakob, New York, N. Y. Apparatus for reclaiming or regenerating rubber from rubber waste products. 2,331,836; Oct. 12.
- Hirschfeld, Rudolf, New York, N. Y. Garment construction. 2,309,955; Feb. 2.
- Hirschfeld, Rudolf, New York, N. Y. Garment construction. Re. 2,360; Aug. 3.
- Hirschfeld, Walter H., assignor to M. Levey, Chicago, Ill. Motion picture projector. 2,315,703; Apr. 6.
- Hirschfeld, William V. (See Smith, F. O., and Hirschfeld.)
- Hirschhorn, Herman, New Rochelle, N. Y. Putty removing knife. 2,322,359; June 22.
- Hirschhorn, Hilmer, Newark, N. J., assignor to Snyder & Black, Inc., New York, N. Y. Display device. 2,322,713; June 22.
- Hirschhorn, Hilmer, Newark, N. J., assignor to Snyder & Black, Incorporated, New York, N. Y. Display device. 2,332,078; Oct. 19.
- Hirsh, Walter B. (See Tyrone, R., and Hirsh.)
- Hirshstein, Mildred, et al. (See Fleming, Wells S., assignor.)
- Hirst, Arthur A., Northfield, Birmingham, assignor of one-half to Simon-Carves Limited, Chadde Heath, Stockport, England. Apparatus for gravity separation of granular material. 2,319,457; May 18.
- Hirst, Arthur A., Northfield, Birmingham, assignor of one-half to Simon-Carves Limited, Chadde Heath, Stockport, England. Apparatus for gravity separation of granular material. 2,320,519; June 1.

- Hirt, Rudolf. (See Martin, H., and Hirt.)
- Hirt, Rudolph. (See Martin H., Zaeslin, Hirt, Glatthaar, and Staub.)
- Hirt, Rudolf. (See Martin, H., Zaeslin, Hirt, and Staub.)
- Hirt, Walter, Wetzikon, and Dürsteler, Zurich, Switzerland. Ladderproof knitting. 2,312,903; Mar. 2.
- Hirvonen, Eric J. assignor to Leland-Gifford Company, Worcester, Mass. Drilling machine and spindle driving mechanism. 2,309,589; Jan. 26.
- Hissbach, Kurt. (See Braunschmidt, L., van Briessen, and Hissbach.)
- Hitch, Lester C., Maryville, Tenn. Power lawn mower. 2,320,372; Sept. 14.
- Hitecheus, Richard M., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Wood preservation. 2,322,633; June 22.
- Hitchcock, Richard C. (See Stickney, F. S., and Hitchcock.)
- Hite, Alonzo R., and J. N. Hendrix, Martoon, Ill. Beverage mixer. 2,320,730; June 1.
- Hite, Robert M., Indianapolis, Ind. Starting barrier. 2,322,936; June 29.
- Hites, Hubert J., Springfield, assignor to The Ohio Steel Foundry Company, Lima, Ohio. Casting metals. 2,335,008; Nov. 23.
- Hitt, George F., Arcata, Calif. Stapling machine. 2,308,919; Jan. 19.
- Hitt, Ira V. (See Hoffman, R. M., and Hitt.)
- Hitt, Ira V., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile crinkler. 2,311,174; Feb. 16.
- Hitt, Ira V., Kenmore, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bobbin brake. 2,311,175; Feb. 16.
- Hivcy, C. Earl, trustee. (See Olsen, Olaf C., assignor.)
- Hivick, Charles L. (See Elvin, W. J., and Hivick.)
- Hi-Way Service Corporation. (See Drott, Edward A., assignor.)
- Hi-Way Service Corporation. (See Drott, E. A., and Kerber, assignors.)
- Hixon, Alfred J., Braintree, Mass. Connector. 2,336,175; Dec. 7.
- Hixon, Joseph M., Attica, Ind. Fishing tackle float. 2,327,789; Aug. 24.
- Hixson, Charles I., Pasadena, Calif. Combined closure and massage device. 2,336,357; Dec. 7.
- Hizone Products. (See Jones, Hilton I., assignor.)
- Hjarppe, Eric G., and E. B. Schöberg, assignors to Aktiebolaget Svenska Kullagerfabriken, Göteborg, Sweden. Feeding device for machine tools. 2,320,235; May 25.
- Hjarppe, Eric G., and H. V. Törnholm, Göteborg, Sweden, assignors to SKF Industries, Inc., Philadelphia, Pa. Motion transmitting device, especially for measuring apparatus. 2,331,779; Oct. 12.
- Hjerppe, Eric B., Port Arthur, Tex., and W. A. Gruse, Wilkinsburg, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Utilization of petroleum refinery gas. 2,317,603; Apr. 27.
- Ijette, Sixten M., Stockholm, Sweden. Bituminous composition and producing the same. 2,331,394; Oct. 12.
- Ilavaty, Rudolph F., Cicero, Ill. Self-aligning pulley. 2,334,768; Nov. 23.
- Ilavlin, William S. (See Sigmund, F. J., and Ilavlin.)
- Hoadley, Harvey O. (See Herzberger, M. J., and Hoadley.)
- Hoag, Roderick W., Melrose, Mass. Folding box. 2,324,151; July 13.
- Hoagland, Frank O., assignor to Niles-Bement-Pond Company, West Hartford, Conn. Toolhead for rifling machines. 2,330,584; Sept. 28.
- Hoagland, Lucille E., Rosemead, Calif. Sleeve pressing pad. 2,314,498; Mar. 23.
- Hougue-Sprague Corporation. (See Sillars, George S., assignor.)
- Hoak, Allan R., Fresno, Calif. Loading cars. Re. 22,256; Jan. 26.
- Hoak, Clarence B., Steubenville, Ohio. Annealing furnace. 2,325,677; Aug. 3.
- Hoare, Stephen C., Manchester, Mass., assignor to General Electric Company. Power factor meter. 2,312,904; Mar. 2.
- Hoban, Fairfield W., New York, N. Y., assignor, by mesne assignments, of one-half to himself and one-half to James H. Martin, Chicago, Ill., as tenants in common. Coin controlled vending apparatus. 2,333,176; Nov. 2.
- Hobar Sales Co. (See King, Alice C., assignor.)
- Hobart Bros. Company, The. (See Hobart, Edward A., assignor.)
- Hobart, Edward A., assignor to The Hobart Bros. Company, Troy, Ohio. Speed regulator for engines. 2,328,452; Apr. 31.
- Hobbie, Albert C., assignor to International Pulverizing Corporation, Moorestown, N. J. Bag filling apparatus. 2,322,090; June 15.
- Hobbs, James C., Painesville, Ohio. Fluid circulation apparatus. 2,316,765; Apr. 20.
- Hobbs, James C., Painesville, Ohio. Valve construction. 2,321,597; June 15.
- Hobbs, John W., assignor to John W. Hobbs Corporation, Springfield, Ill. Pressure actuated switch mechanism. 2,337,195; Dec. 21.
- Hobbs, John W., Corporation. (See Hobbs, John W., assignor.)
- Hobbs, Leonard S., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Two-speed supercharger drive. 2,323,601; July 6.
- Hobbs, Marvin, Chicago, Ill., assignor to E. H. Scott. Radio receiver. 2,314,309; Mar. 16.
- Hobein, Kingsland. (See Goodman, W. B., and Hobein.)
- Hobson, Cecil E., Marion, Ohio. Combine. 2,327,893; Aug. 24.
- Hobson, John R., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Method of and machine for forming hollow articles of plastic materials. 2,331,687; Oct. 12.
- Hobson, John R., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Method and apparatus for making hollow articles of plastic material. 2,331,688; Oct. 12.
- Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Range construction. 2,335,279; Nov. 30.
- Hoch, John. (See Baron, L., and Hoch.)
- Hoch, Lambert A., Sioux Falls, S. Dak. Condensate control system. 2,331,192; Oct. 5.
- Hoch, Walter A., Forest Hills, assignor to New York Pressing Iron Co. Inc., New York, N. Y. Garment pressing machine. 2,313,824; Mar. 16.
- Hoch, Walter A., Forest Hills, assignor to New York Pressing Iron Company, Inc., New York, N. Y. Garment pressing machine. 2,314,398; Mar. 23.
- Hoch, Walter A., Forest Hills, assignor to New York Pressing Iron Company, Inc., New York, N. Y. Garment pressing machine. 2,315,704; Apr. 6.
- Hocher, Andrew A., Etna, Pa., assignor to Hubbard and Company. End fitting for street lights. 2,316,069; Apr. 6.
- Hochman, Louis, New York, N. Y. Bandage. 2,326,997; Aug. 17.
- Hochwalt, Carroll A., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Method of and material for treating metal. 2,328,540; Sept. 7.
- Hocke, Enrico, Genoa, Italy; vested in the Alien Property Custodian. Combustion chamber for internal combustion engines. 2,317,536; Apr. 27.
- Hockey, Harry, Bronx, and R. Breen, New York, N. Y. Portable novelty bank. 2,323,221; June 29.
- Hockney, Chester L., Silverlake, Wis. Internal combustion engine. 2,336,787; Dec. 14.
- Hocutt, Claude K. (See Buckley, S. E., and Hocutt.)
- Hoddy, Joseph S., assignor to A. G. Redmond Company, Owosso, Mich. Oil regulating sleeve for bearings. 2,316,693; Apr. 13.
- Hodell, Louis R., and J. J. Heigl, Tulsa, Okla., assignors to Standard Oil Development Company, Tracing gas through underground formations. 2,318,689; May 11.
- Hodge, Arthur O. A. (See Shaw, W. A., and Hodge.)
- Hodge, Benjamin D., Houston, Tex. Game. 2,333,103; Nov. 2.
- Hodge, Edward B., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Recovery of nitric oxide and hydrocarbons from gaseous mixtures. 2,309,845; Feb. 2.
- Hodge, Edward B., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Nitration of alkanes. 2,327,964; Aug. 24.
- Hodge, Warren E., assignor to Machinery & Supply Corp. of America, Seattle, Wash. Ball-molding machine. 2,308,448; Jan. 12.
- Hodge, Willard W., Pittsburgh, Pa., assignor to Mellon Institute of Industrial Research, as trustee. Building material. 2,307,270; Jan. 5.
- Hodge, Willard W., Pittsburgh, Pa., assignor to Mellon Institute of Industrial Research, as trustee. Process for recovery of by-products from waste pickle liquors. 2,322,134; June 15.
- Hodges, Albert B., Chicago, Ill., assignor to Inflico Incorporated. Sewage distributor. 2,333,177; Nov. 2.
- Hodges, Alfred F., Philadelphia, Pa. Match packet. 2,318,942; May 11.
- Hodgins, Theodore S. (See Hovey, A. G., Hodgins, and Meese.)
- Hodge, James C., Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Welding method and apparatus. 2,331,689; Oct. 12.
- Hodgkins, Charles H. (See Hays, R. F., Jr., and Hodgkins.)
- Hodgkins, Charles H., Fairfield, assignor to The Bryant Electric Company, Bridgeport, Conn. Circuit interrupting means. 2,331,191; Oct. 5.
- Hodgman, Frederick S., Glen Rock, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Balanced automatic steering device. 2,310,954; Feb. 16.
- Hodgson, Alan D'A., Bedford, England, assignor to Radio Corporation of America. Oscillation generator and modulator. 2,313,071; Mar. 9.
- Hodgson, Howard E., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electromagnetic brake. 2,321,205; June 8.
- Hodgson, Howard E., and C. W. Kuhn, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Power driven valve and the like. 2,317,529; Apr. 27.
- Hodgson, Howard E., and C. W. Kuhn, Wauwatosa, Wis., and W. C. Stevens, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Drive for valves and the like. 2,324,211; July 13.

- Hodgson, Joseph H., Westport, Conn., assignor to Remington Arms Company, Inc. Ammunition. 2,315,853; Apr. 6.
- Hodgson, Joseph H., Westport, J. R. Balder, Stratford, and Francis E. James, Fairfield, Conn., assignors to Remington Arms Company, Inc. Ammunition. 2,327,804; Aug. 24.
- Hodnette, John K., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,337,520; Dec. 28.
- Hodnette, John K., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer protection. 2,320,929; June 1.
- Hodnette, John K., and M. G. Leonard, Sharon, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective device for electrical apparatus and systems. 2,326,031; Aug. 3.
- Hoe, R., & Co., Inc. (See Howey, Adam, assignor.)
- Hoe, R. & Co. (See Huck, William F., assignor.)
- Hoe, R., & Co., Inc. (See Huck, W. F., Lamatsch, and Heller, assignors.)
- Hoefelman, Johan M., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Producing sulphonium compounds. 2,335,119; Nov. 23.
- Hoffmann, Daniel C., Yendon, Pa., E. H. Reid, Schenectady, N. Y., and H. Bany, Lansdowne, Pa., assignors to General Electric Company. Control system for electric valve apparatus. 2,338,037; Dec. 28.
- Hoeh, Earl A., assignor to Crane Co., Chicago, Ill. Valve. 2,319,404; May 18.
- Hoch, John J., Indianapolis, Ind., assignor to Radio Corporation of America. Motion picture apparatus. 2,332,079; Oct. 19.
- Hoch, Willard M., and A. W. Schneider, assignors to George A. Breon & Company, Inc., Kansas City, Mo. Preparation of desoxycholic acid. 2,321,598; June 15.
- Hockstra, James, assignor to Universal Oil Products Company, Chicago, Ill. Temperature controlling device. 2,313,147; Mar. 9.
- Hockstra, Johannes. (See Verwey, E. J. W., van der Willigen, and Hockstra.)
- Hockstra, Johannes and J. E. H. Rieter, Eindhoven, Netherlands; vested in the Allen Property Custodian. Flexible electric conductor. 2,308,975; Jan. 19.
- Hoescher, William G., assignor to The American Tool Works Company, Cincinnati, Ohio. Fluid operated gear shifting mechanism. 2,313,438; Mar. 9.
- Hoescher, William G., assignor to The American Tool Works Company, Cincinnati, Ohio. Safety device for radial drill arm elevating screws. 2,317,060; Apr. 20.
- Hoescher, William G., Norwood, assignor to The American Tool Works Company, Cincinnati, Ohio. Radial drill. 2,330,426; Sept. 28.
- Hoescher, William G., assignor to The American Tool Works Company, Cincinnati, Ohio. Lathe spindle speed control. 2,332,381; Oct. 19.
- Hoern, Joseph H., Birmingham, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Hot extrusion of metal articles. 2,334,927; Nov. 23.
- Hoerst, Valentine N., Cincinnati, Ohio. Drill grinding device. 2,313,641; Mar. 9.
- Hoetels, Walter, Milwaukee, assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Lock plate. 2,312,643; Mar. 2.
- Hoeveler, John A., Mount Lebanon, assignor to Pittsburgh Receptor Company, Pittsburgh, Pa. Illuminating fixture. 2,334,065; Nov. 9.
- Hoey, Raymond M., Chicago, and G. R. Orrill, Western Springs, assignors to The Kendall Company, Chicago, Ill. Surgical swab. 2,333,070; Oct. 26.
- Hoff, George P., assignor to E. J. du Pont de Nemours & Company, Wilmington, Del. Rubber structure. 2,317,911; Apr. 27.
- Hoff, Van E., assignor of one-half to C. F. Miller, Miami, Fla. Louver construction. 2,317,994; May 4.
- Hoffeditz, Aaron H., Greencastle, Pa. Face support for binoculars. 2,316,164; Apr. 13.
- Hoffer, James F., assignor to Cell-Ex Corporation, Detroit, Mich. Pump structure. 2,310,370; Feb. 9.
- Hoffman, Max, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Derivatives of dihydropyridone and process for their manufacture. 2,334,490; Nov. 16.
- Hoffman, Allan C. (See Lusher, A. C., and Hoffman.)
- Hoffman, Andrew. (See Bock, Charles S., assignor.)
- Hoffman Beverage Company. (See Schmutz, C., and Harrod, assignors.)
- Hoffman Brothers Drilling Co. (See Barnett, Oliver C., assignor.)
- Hoffman, David H., New York, N. Y. Locking device. 2,330,284; Sept. 28.
- Hoffmann, Edward C., University City, assignor to Triple "E" Products Company, St. Louis, Mo. Pencil sharpener construction. 2,335,148; Nov. 23.
- Hoffman, Everett J. (See Ralston, A. W., and Hoffman.)
- Hoffman, Harold D., Park Ridge, and A. H. Zeigler, Evanston, assignors to Armour and Company, Chicago, Ill. Treating natural oils and fats. 2,319,929; May 25.
- Hoffman, Harry W., Anoka, assignor to Federal Cartridge Corporation, Minneapolis, Minn. Inspecting device. 2,318,856; May 11.
- Hoffman, Otis E. (See Buchhol, A. R., and Hoffman.)
- Hoffman, Philip R., assignor to G. C. Hunt, Carlisle, Pa. Grinding machine. 2,308,512; Jan. 19.
- Hoffman, Robert M., and I. V. Hitt, Waynesboro, Va., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Finish applicator. 2,331,980; Oct. 19.
- Hoffman, Roscoe C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,324,703; July 20.
- Hoffman, Samuel, Brooklyn, N. Y. Crease preventing the holder. 2,332,382; Oct. 19.
- Hoffman Specialty Company. (See Simpson, William K., assignor.)
- Hoffman, Stanley G. (See Rickus, G. M., Braum, and Hoffman.)
- Hoffman, Valentine E., et al. (See Barna, Joseph W., assignor.)
- Hoffmann, Ernest. (See Renstrom, C. W., and Hoffmann.)
- Hoffmann, Gilbert D. (See Scheriff, H. H., and Hoffmann.)
- Hoffmann, Gunthard. (See Daumiller, G., and Hoffmann.)
- Hoffmann, Johannes E. (See Zoerlein, E., and Hoffmann.)
- Hoffmann, Karl F., New York, N. Y., and E. Fliegen-schmidt, North Bergen, N. J. Surgical simulator and preparing same. 2,324,702; July 20.
- Hoffmann-La Roche Inc. (See Aeschlimann, John A., assignor.)
- Hoffmann-La Roche Inc. (See Hoffer, Max, assignor.)
- Hoffmann-La Roche Inc. (See Isler, Otto, assignor.)
- Hoffmann-La Roche Inc. (See Karrer, P., and Isler, assignors.)
- Hoffmann-La Roche, Inc., et al. (See Mead, M. W., Jr., and Isler, assignors.)
- Hoffmann-La Roche Inc. (See Schneider, Otto, assignor.)
- Hoffmann-La Roche Inc. (See Warnat, Kurt, assignor.)
- Hoffmann-La Roche Inc. (See Wenner, Wilhelm, assignor.)
- Hoffmann, Victor A., Harvey, Ill. Flush tank. 2,320,132; May 25.
- Hoffmaister, Byron T. (See Broeren, F. L., and Hoffmaister.)
- Hoffoss, John E., assignor to Reed Roller Bit Company, Houston, Tex. Coring apparatus. 2,314,352; Mar. 23.
- Hoffoss, John E., assignor to Reed Roller Bit Company, Houston, Tex. Core taking apparatus. 2,324,160; July 13.
- Hoffoss, John E., and J. C. Stokes, assignors to Reed Roller Bit Company, Houston, Tex. Coring apparatus. 2,331,553; Oct. 12.
- Hofstetter, George O., Jerseyville, Ill. Material spreading device. 2,327,266; Aug. 17.
- Hofgaard, Rolf, Nordstrand-Hogda, Tr. Oslo, Norway; vested in the Allen Property Custodian. Device for operating machines from control tapes. 2,337,553; Dec. 28.
- Hofgessing, William, Avenel, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Darning device. 2,325,315; July 27.
- Hofmann, Alfred, Inc. (See Straussberger, Hans J., assignor.)
- Hofmann, Gustav P., Seattle, Wash. Drill point gauge. 2,337,819; Dec. 28.
- Hofmann, Josef, Newport Beach, Calif. Piano key action testing device. 2,311,752; Feb. 23.
- Hofmann, Maximilian P., Bay Village, assignor to The C. O. Bartlett and Snow Company, Cleveland, Ohio. Apparatus for mixing. 2,321,589; June 15.
- Hofmann, Rudolf, and W. Simson, Dormagen, Germany; vested in the Allen Property Custodian. Cellulose ester manufacture. 2,315,203; Mar. 30.
- Hofmann, Rudolf, and W. Röh, Leverkusen-I. G. Werk, Germany; vested in the Allen Property Custodian. Cellulose fatty acid esters. 2,317,767; Apr. 27.
- Hofmann, Victor E., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Apparatus for unling parts of thermoplastic articles. 2,319,683; May 18.
- Hofstad, Richard. (See Fink, H., Rath, and Hofstad.)
- Hofstetter, Robert, Alexandria, Va. Nut and bolt lock. 2,325,608; Aug. 3.
- Hogaboom, George B., New Britain, Conn., assignor to Hanson Van Winkle-Munning Company, Matawan, N. J. Process and apparatus for cleaning metal. 2,307,928; Jan. 12.
- Hogaboom, George B., Jr., Newark, N. J. Individual service tea bag. 2,308,241; Jan. 12.
- Hogan, Patrick J., New Haven, Conn. Journal box. 2,335,940; Dec. 7.
- Hoge, Frederick N., Oak Park, Ill. Gear speed reducer and the like. 2,313,548; Mar. 9.
- Hogberg, Bart A., Seattle, Wash. Golf ball teeing machine. 2,335,280; Nov. 30.
- Hogencamp, Harold C. (See Clothier, S. L., and Hogen-camp.)
- Hogenmiller, Francis J. (See Boerner, L. W., and Hogenmiller.)
- Hogenson, William, Hinsdale, assignor to Chicago Vitreous Enamel Product Co., Cicero, Ill. Apparatus for and method of preparing fused materials. 2,337,605; Dec. 28.
- Högfors, Hans F. B., Enskede, near Stockholm, assignor to Svenska Kassarregisterfabrikaget, Stockholm, Sweden. Cash register, adding and accounting machines, and the like. 2,309,901; Feb. 2.
- Hogg, Francis M., Findley Lake, N. Y., assignor to General Electric Company. Latch. 2,309,507; Jan. 26.

- Hogg, George F., Chicago, Ill., assignor to Hercules Powder Company, Wilmington, Del. Polishing composition. 2,320,236; May 25.
- Hoggatt, Gilbert A., Snyder, assignor to Certain-Teed Products Corporation, New York, N. Y. Wall construction. 2,314,448; Mar. 23.
- Hoggatt, Gilbert A., Snyder, assignor to Certain-Teed Products Corporation, New York, N. Y. Wall construction. 2,314,449; Mar. 23.
- Hoggatt, Gilbert A., Snyder, assignor to Certain-Teed Products Corporation, New York, N. Y. Wallboard. 2,336,251; Dec. 7.
- Hoghaug, Maurice A., Mahanomen, Minn. Signaling device for pneumatic tires. 2,334,055; Nov. 9.
- Hoglund, Gustav O., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Duplex metal article. 2,312,039; Feb. 23.
- Hohl, George I., East Orange, N. J. Packaging machinery for razor blades and like articles. 2,325,774; Aug. 3.
- Hohl, John, and O. Bjering, Toledo, Ohio, E. E. Lakso, Fitchburg, Mass., and C. V. Vogt, Weston, Conn.; said Hohl, Bjering, and Lakso assignors to Owens-Illinois Glass Company. Bag making machine. 2,324,393; July 13.
- Hohl, John, O. Bjering, and C. P. Whittier, Toledo, Ohio, and E. E. Lakso, Fitchburg, Mass., assignors to Owens-Illinois Glass Company. Packaging machine. 2,333,571; Nov. 2.
- Hohl, Russell L., assignor to Revere Copper and Brass Incorporated, New York, N. Y. Wall and the like. 2,308,242; Jan. 12.
- Hohlweg, Walter. (See Dannenbaum, H., Inhoffen, and Hohlweg.)
- Hohlweg, Walter. (See Inhoffen, H., Hohlweg, and Logemann.)
- Hohlweg, Walter, Hohen Neuendorf near Berlin and H. H. Inhoffen, Wilmersdorf, Germany, assignors to Schering Corporation, Bloomfield, N. J. Degradation products containing carboxyl groups from compounds of the oestrane series and making the same. 2,318,609; May 11.
- Hohn, Hans. (See Kuss, E., Hohn, and Stietzel.)
- Hohwart, George, Orchard Lake, assignor to Suprex Gage Company, Pleasant Ridge, Mich. Tap structure. 2,307,680; Jan. 6.
- Hols, Louis J., assignor to Geuder, Paeschke & Frey Co., Milwaukee, Wis. Filtering strainer. 2,313,237; Mar. 9.
- Holt, Henry M., Tacoma, Wash. Ladder. 2,330,825; Oct. 5.
- Hokanson, Evert C., Hollywood, Calif., and G. E. Bock, Chicago, assignors to Whiting Corporation, Harvey, Ill. Engine workstand. 2,329,613; Sept. 14.
- Hokanson, Martin, assignor to Eldco, Incorporated, Duluth, Minn. Drill bit. 2,310,288; Feb. 9.
- Hokanson, Martin, assignor to Eldco, Incorporated, Duluth, Minn. Drill bit. 2,310,289; Feb. 9.
- Hokanson, Otto A., Snyder, assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Selective illuminated display means. 2,308,744; Jan. 12.
- Hokanson, Otto A., Snyder, assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Automatic phonograph. 2,308,880; Jan. 19.
- Hoke, Harry A., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Built-up wheel. 2,331,780; Oct. 12.
- Hoke, Harry A., Altoona, and N. E. Merrell, Norwood, assignors to The Pennsylvania Railroad Company, Philadelphia, Pa. Preventing locomotive wheel slippage. 2,330,712; Sept. 28.
- Hoke Incorporated. (See Teeters, W. O., and Salmon, assignors.)
- Holand, Asmund B., Westboro, assignor of fifty per cent to Halvdan J. Eriksen, Ottawa, Ontario, Canada. Electric test trainer. 2,326,944; Aug. 17.
- Holbrook, Bernard D., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,317,191; Apr. 20.
- Holbrook, George E., Wilmington, Del., and Louis Spiegel, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical compounds and making the same. 2,330,713; Sept. 28.
- Holbrook, George E., Wilmington, Del., A. L. Fox, Woods town, N. J., A. A. Baum, and W. J. Clem, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction of saturated hydrocarbons with liquid sulphur dioxide and liquid chlorine or bromine. 2,333,788; Oct. 13.
- Holbrook, Thomas L. (See Dickson, J. B., and Holbrook.)
- Holbrooke, Dan A., New York, N. Y. Bandage. 2,310,082; Feb. 2.
- Holcomb, Arthur L., Tarzana, Calif., assignor to Western Electric Company, Incorporated. Electric motor control system. 2,320,434; June 1.
- Holcomb, Charles R., Jr., assignor to Arthur C. Brown, Kansas City, Mo. Vending machine. 2,332,317; Oct. 19.
- Holcomb, Judson M., Alhambra, Calif. Carving apparatus. 2,311,943; Feb. 23.
- Holcomb, Norval J., Appleton, Wis., assignor to Paper Patents Company. Roll feeder. 2,330,889; Oct. 5.
- Holcomb, Philo, Jr., assignor to The Western Union Telegraph Company, New York, N. Y. Multichannel telegraph system. 2,313,238; Mar. 9.
- Holcomb, Sherwood E., assignor to Fox Manufacturing Company, Rome, Ga. Combination sofa and bed. 2,321,205; June 2.
- Holden, Edward A. (See Martin, K. L., and Holden.)
- Holden, George, Philadelphia, Pa. Individual warp tension device. 2,329,374; Sept. 14.
- Holden, Norman G. (See Thomas, A., and Holden.)
- Holden, Norman G., Carshalton, assignor to Powers Accounting Machines Limited, London, England. Statistical machine. 2,329,677; Sept. 14.
- Holden, Justin A., Brattleboro, Vt. Sand spreader. 2,327,895; Aug. 24.
- Holden, Max. (See Massey, Edward M., assignor.)
- Holden, Orlof W., Chicago, Ill. Faucet strainer. 2,327,306; Aug. 17.
- Holden, Queen, Forest Hills, N. Y., assignor to Western Printing & Lithographing Company, Racine, Wis. Paper doll or the like. 2,315,056; Mar. 30.
- Holden, Thomas W., Fort Wayne, Ind. Static eliminator for radio telegraphy. 2,334,627; Nov. 16.
- Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,310,634; Feb. 9.
- Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,324,394; July 13.
- Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,324,624; July 20.
- Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,327,711; Aug. 24.
- Holden, William H. T., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,333,179; Nov. 2.
- Holden, William H. T., Woodside, and L. G. Schimpf, St. George, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Testing and selecting system. 2,315,705; Apr. 6.
- Holden, William H. T., Woodside, N. Y., F. A. Hubbard, Maplewood, N. J., B. F. Lewis, Bayside, W. A. Malthamer, New York, N. Y., and V. G. Sprague, Montclair, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. 2,320,081; May 25.
- Holdsword, Harry, Warren Point, N. J. Corner stud construction. 2,332,146; Oct. 19.
- Hole, Dean. (See Dunham, Ansel W., assignor.)
- Holeproof Hosiery Co. (See Infield, John D., assignor.)
- Holman, Irving T., assignor to Seovill Manufacturing Company, Waterbury, Conn. Lipstick container. 2,332,147; Oct. 19.
- Hollaender, Peter R., Cincinnati, Ohio. Building material. 2,318,857; May 11.
- Holland Company. (See Edahl, K., and Holland, assignors.)
- Holland, Cyrus J. (See Edahl, K., and Holland.)
- Holland, Edmund D. (See Ashton, B. N., and Holland.)
- Holland Furnace Company. (See Weyenberg, Henry, assignor.)
- Holland, James F., Toledo, and J. W. Kinney, Jr., Cincinnati, Ohio. Constricting means for tubular garments. 2,317,768; Apr. 27.
- Holland, James S. (See Cox, C. A., and Holland.)
- Holland, John D., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Radio receiver. 2,314,785; Mar. 23.
- Hollander, Aladar. (See Snyder, L. L., and Hollander.)
- Hollander, Emil E., Kearny, assignor to Star Electric Motor Company, Bloomfield, N. J. Electrical collector. 2,309,316; Jan. 26.
- Hollander, Emil E., Kearny, assignor to Star Electric Motor Company, Bloomfield, N. J. Flexible coupling for shafts. 2,331,781; Oct. 12.
- Hollander, Emil E., Kearny, assignor to Star Electric Motor Company, Bloomfield, N. J. Lathe chuck. 2,335,149; Nov. 23.
- Holland-Letz, John, Crown Point, Ind., assignor to The Letz Manufacturing Company, Liquid dispensing nozzle for roughage mills and the like. 2,311,833; Feb. 23.
- Holle, Otto E., Decatur, Ind. Planter. 2,315,204; Mar. 30.
- Holle, Werner. (See Wellenstein, R., Holle, and Schumacher.)
- Holleck, Joseph J., Berwyn, Ill. Card index system and device therefor. 2,331,471; Oct. 14.
- Holleck, Joseph J., Berwyn, Ill. Combination filing cabinet and desk unit. 2,331,472; Oct. 12.
- Hollenback, George M., Los Angeles, Calif. Amalgamator. 2,328,213; Aug. 31.
- Hollenbeck, Auda E., Portland, Oreg. Shank for insertible saw teeth. 2,334,928; Nov. 23.
- Hollenbeck, Ernest L., Los Angeles, Calif. Fluid control applicator. 2,314,538; Mar. 23.
- Hollenbeck, Ernest L., Los Angeles, Calif. Fluid control applicator. 2,314,539; Mar. 23.
- Hollengreen, Milburn A. (See Price, R. E., Balsiger and Hollengreen.)
- Hollengreen, Milburn A. (See Rocks, H. N., Hollengreen, and Reiss, assignors.)
- Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Airplane wheel construction. 2,317,610; Apr. 27.

- Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Pressure sealed wheel. 2,322,360; June 22.
- Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Dual brake arrangement for trainer airplanes. 2,327,427; Aug. 24.
- Hollison, William K. (See Church, W. L., and Holleron.)
- Holley, Earl. (See Holley, G. M., Olson, Udale, and Holley, assignors.)
- Holley, Earl, et al. (See Beard, Bert, assignor.)
- Holley, Earl, et al. (See Colvin, Clifford, assignor.)
- Holley, Earl, et al. (See Hess, Arleigh J., assignor.)
- Holley, Earl, et al. (See Kittler, Milton J., assignor.)
- Holley, Earl, et al. (See Olson, Elmer, assignor.)
- Holley, Earl, et al. (See Schorn, Carl F., assignor.)
- Holley, Earl, et al. (See Udale, Stanley M., assignor.)
- Holley, George M., Grosse Pointe Farms, E. Olson, Ferndale, and S. M. Udale, Detroit, Mich., assignors to G. M. and S. M. Holley. Carburetor starting device. 2,323,222; June 20.
- Holley, George M., et al. (See Beard, Bert, assignor.)
- Holley, George M., et al. (See Campbell, John F., assignor.)
- Holley, George M., et al. (See Colvin, Clifford, assignor.)
- Holley, George M., et al. (See Hess, Arleigh J., assignor.)
- Holley, George M., et al. (See Kittler, Milton J., assignor.)
- Holley, George M., et al. (See Olson, Elmer, assignor.)
- Holley, George M., et al. (See Schorn, Carl F., assignor.)
- Holley, George M., et al. (See Udale, Stanley M., assignor.)
- Holliday, Roy M., Oak Park, Ill. Reading glass. 2,322,441; June 22.
- Holliday, Theodore B., Dayton, Ohio. Indicating device. 2,312,336; Mar. 2.
- Hollingsworth, R. Lee, Riverhead, N. Y., assignor to Radio Corporation of America. Automatic gun control system. 2,318,975; May 4.
- Hollingsworth, R. Lee, Riverhead, N. Y., assignor to Radio Corporation of America. Signal and noise control system. 2,337,196; Dec. 21.
- Hollis, Harvey H. (See Schneider, P. J., and Hollis.)
- Hollstein, Oswald C., Baltimore, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Movable cassette for spot film devices. 2,332,720; Nov. 9.
- Hollstein, Paul, Carlstadt, and G. Jack, Rochelle Park, N. J., assignors to J. M. Lehmann Co., Inc., New York, N. Y. Grinding mill. 2,309,078; Jan. 19.
- Hollister, F. S., et al. (See Barlow, E. B., and Haynes, assignors.)
- Hollister, John C. (See Gillon, J. W., and Hollister.)
- Hollmann, Hubert, Findlay, and W. G. Van Voorhis, Columbus, assignors to The Buckeye Traction Ditcher Company, Findlay, Ohio. Link chain. Re. 22,380; Sept. 28.
- Hollmann, Hubert, W. G. Van Voorhis, C. L. George, and R. O. Gerdeaman, assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Boom type excavator. 2,311,834; Feb. 23.
- Hollmann, Hubert, W. G. Van Voorhis, C. L. George, and R. O. Gerdeaman, assignors to The Buckeye Traction Ditcher Company, Findlay, Ohio. Tractor driving and steering mechanism. 2,328,804; Sept. 7.
- Hollmann, Walter G. (See Hinman, W. M., and Hollmann.)
- Holloman, George V. (See Crane, C. J., Holloman, and Stout.)
- Holloman, George V. (See Crane, C. J., Holloman, Stout, and Barbulessco.)
- Holloman, George V., C. L. Paulus and R. K. Stout, Dayton, Ohio. Control for target boats or other vehicles. 2,307,781; Jan. 12.
- Holloway, Frederic A. L., Baton Rouge, La., assignor to Standard Oil Development Company. Refining process. 2,335,009; Nov. 23.
- Holloway, Frederic A. L., and D. O. Wilkes, Baton Rouge, La., assignors to Standard Oil Development Company. Refining mineral oils. 2,317,770; Apr. 27.
- Holloway, Gilbert C., deceased, Bloomfield, N. J., by Janet G. Holloway, Bloomfield, N. J., executrix, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Timing device and welding apparatus. 2,330,055; Sept. 21.
- Holloway, Gilbert C., deceased, by J. G. Holloway, Bloomfield, executrix, and F. T. May, Verona, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Testing machine. 2,315,287; Mar. 30.
- Holloway, Janet G., executrix. (See Holloway, Gilbert C.)
- Holloway, Jesse F., Aldan, Pa., assignor to The Baldwin Locomotive Works. Apparatus for disengaging gear teeth of power driven railway trucks. 2,330,973; Oct. 5.
- Holloway, Wilfrid P. (See Mansell, S. W., and Holloway.)
- Holly, Andrew P., Memphis, Tenn., assignor to The V. D. Anderson Company, Cleveland, Ohio. Pressure-cooker discharge device. 2,331,910; Oct. 19.
- Holly, Herve C. (See McCarthy, J. W., and Holly.)
- Hollywood Limestone Corporation. (See Grove, D. E., and Comstock, assignors.)
- Holm, Carl B., Englewood, N. J., assignor to International Brand Company. Display box. 2,313,747; Mar. 16.
- Holm, Carl B., Englewood, N. J., assignor to International Brand Company. Display box. 2,315,999; Apr. 6.
- Holm, Carl B., Englewood, N. J., assignor to International Brand Company. Display unit. 2,332,721; Oct. 26.
- Holm, Elmer M., Detroit, Mich. Inhaler. 2,309,846; Feb. 2.
- Holm, Henry E. (See Hatfield, John C., assignor.)
- Holm, Herbert K. (See Lee, R., and Holm.)
- Holm, Melvin M., assignor to Standard Oil Company of California, San Francisco, Calif. Motor fuel. 2,334,006; Nov. 9.
- Holman, Aaron, et al. (See Wolfers, Philip, assignor.)
- Holman, Clarence T., Glendale, Calif., assignor to The Weatherhead Company, Cleveland, Ohio. Fastening device. 2,319,501; May 18.
- Holman, George E., Melrose, Mass., assignor to Sylvania Electric Products Inc. Coating hollow tubes. 2,309,612; Jan. 26.
- Holman, George E., Melrose, Mass., assignor to Sylvania Electric Products Inc. Coating apparatus for gaseous discharge lamps. 2,322,729; June 22.
- Holman, Tom W., trustee. (See Snyder, Herald T., assignor.)
- Holmann, Alfred, Inc. (See Hepp, Carlos A., assignor.)
- Holme, Edward D., St. Joseph, Mo. Bed. 2,311,542; Feb. 16.
- Holmes, Alvin W., G. W. Benjamin and L. P. Young, assignors to Kitchman Brothers, Muncie, Ind. Helix former. 2,317,530; Apr. 27.
- Holmes, August, Cranford, and H. J. Hibshman, Plainfield, N. J., assignors to Standard Oil Development Company. Solvent treating process. 2,315,057; Mar. 30.
- Holmes, Bradford H., New York, N. Y., assignor to Bendix Aviation Corporation, Bendix, N. J. Oxygen regulator. 2,328,214; Aug. 31.
- Holmes, Charles M., et al. (See Starks, Hugh, assignor.)
- Holmes, David H., Medford, Ore., and R. Moller, Oakland, Calif., said Moller assignor to said Holmes. Package. 2,332,635; Oct. 26.
- Holmes, Elbridge H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom for weaving ladder tape. 2,319,863; May 25.
- Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Tension for shuttles. 2,319,864; May 25.
- Holmes, Ernest, Company. (See Holmes, Ernest W., assignor.)
- Holmes, Ernest W., assignor to Ernest Holmes Company, Chattanooga, Tenn. Sheave mounting for hoisting booms. 2,321,549; June 8.
- Holmes, Edward A., Sandersville, Ga. Pea hulling machine. 2,328,015; Aug. 31.
- Holmes, Frederick J., Detroit, Mich. Wobble plate structure. 2,335,415; Nov. 30.
- Holmes, Gifford I., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostat. 2,309,193; Jan. 26.
- Holmes, Gifford I., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Burner control. 2,309,317; Jan. 26.
- Holmes, Gifford I., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Snap action switch. 2,313,341; Mar. 9.
- Holmes, Gifford I., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control means. 2,324,161; July 13.
- Holmes, Gifford I., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Timing device. 2,329,614; Sept. 14.
- Holmes, Henry H., and A. P. Saunders, assignors to Wildt and Company Limited, Leicester, England. Circular independent needle knitting machine. 2,313,642; Mar. 9.
- Holmes, James F. (See Ness, W. H. C., and Holmes.)
- Holmes, John Q., and C. J. Wiegand, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Apparatus for forming side openings in metal tubing. 2,310,083; Feb. 2.
- Holmes, John Q., and C. E. Gordon, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Hydraulic press. 2,319,232; May 18.
- Holmes, Joseph B., Los Angeles, Calif., and L. H. Tilley, Fort Collins, Colo. Vehicle signal. 2,325,319; July 27.
- Holmes, Lenie, Medina, Ohio, assignor to The E. F. Goodrich Company, New York, N. Y. Making bearings. 2,324,083; July 13.
- Holmes, Louis D., assignor to Whiting Corporation, Harvey, Ill. Vehicle washing apparatus. 2,318,995; May 11.
- Holmes, Louis D., assignor to Whiting Corporation, Harvey, Ill. Vehicle washing apparatus. 2,318,996; May 11.
- Holmes, Lowell L., Jr., and O. W. Livingston, Scotia, N. Y., assignors to General Electric Company. Position indicating device. 2,321,386; June 8.
- Holmes, Melvin C., Cleveland, Ohio. Ladder. 2,318,943; May 11.
- Holmes, Minot K., Muncie, Ind., assignor to Owens-Illinois Glass Company. Apparatus for forming insulators. 2,336,864; Dec. 14.

- Holmes, Morris P., Claremont, N. H., assignor to Jones & Lamson Machine Company, Springfield, Vt. Backlash take-up for cross feed screw and taper attachments. 2,325,673; Aug. 3.
- Holmes, Morris P., Claremont, N. H., assignor to Jones & Lamson Machine Company, Springfield, Vt. Power operated chuck. 2,333,180; Nov. 2.
- Holmes, Paul J., assignor to W. H. Donnelly, Los Angeles, Calif. Method and apparatus for producing radio beacons. 2,322,442; June 22.
- Holmes, Ray M. (See Tobey, L. H., and Holmes.)
- Holmes, Richard E. (See Ditzler, J. L., and Holmes.)
- Holmes, Richard E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,319,062; May 11.
- Holmes, Robert L., Roselle, and H. C. De Hoff, Roselle Park, N. J., assignors to Stanco, Incorporated. Emulsion for burn treatment. 2,312,715; Mar. 2.
- Holmes, Roland C., U. S. Army, Newport News, Va., and I. Sarokin, U. S. Army, Durham, N. C. Mapping machine. 2,337,044; Dec. 21.
- Holmes, Samuel A., Storm Lake, Iowa. Chain construction. 2,317,769; Apr. 27.
- Holmes, Walter G. V., N. J., and A. S. T. Laguard, assignors to Dough-King, Inc., Minneapolis, Minn. Doughnut machine. 2,320,037; May 25.
- Holmes, William C., assignor to Sunshine Mining Company, Kellogg, Idaho. Electrolytic recovery of metals. 2,331,395; Oct. 12.
- Holmested, Francis K., Charleston, W. Va. Rail clamp. 2,320,868; June 1.
- Holmgren, Earl A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Pulling-over machine. 2,309,110; Jan. 26.
- Holmgren, Eric A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Welt butting and tacking machine. 2,331,911; Oct. 19.
- Holmgren, Eric A., and H. B. Patten, Beverly, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Pulling-over machine. 2,337,554; Dec. 28.
- Holm-Hansen, Osmond, Bridgeport, Conn., assignor to General Electric Company. Vacuum cleaner. 2,312,905; Mar. 2.
- Holmqvist, Ivar S. (See Elsner, N. A., and Holmqvist.)
- Holmstrom, John G., and W. M. Brown, assignors to Kenworth Motor Truck Corporation, Seattle, Wash. Torsion-rod suspension for tandem rear-wheel vehicles. 2,333,008; Oct. 26.
- Holmstrom, Walter A., Blue Island, assignor to Domestic Engineering Company, Chicago, Ill. Mailing piece. 2,324,777; July 20.
- Holophone Company. (See Rolph, Thomas W., assignor.)
- Holophone Company. (See Tuck, D. H., assignor.)
- Holophone Company. (See Tuck, D. H., and Stanley, assignors.)
- Holophone Company, Inc. (See Williams, Stuart R., assignor.)
- Holsclaw, Niel A., Chicago, assignor of one-half to F. E. Sudlow, Rock Island, Ill. Razor. 2,323,659; July 6.
- Holstein, David M., assignor to Syracuse Ornamental Co., Syracuse, N. Y. Cardholder. 2,307,726; Jan. 6.
- Holstein, John H., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyor. 2,314,786; Mar. 23.
- Holstein, John H., assignor to Goodman Manufacturing Company, Chicago, Ill. Self-loading device for shaker conveyors. 2,326,857; Aug. 17.
- Holstein, Moise S., and T. T. Morrow, assignors to Oppenheimer Casing Co., Chicago, Ill. Combined shipping and display container. 2,330,585; Sept. 28.
- Holsten, Karl-Georg, Berlin, Germany; vested in the Alien Property Custodian. Direction-finding system. 2,326,945; Aug. 17.
- Holston, Samuel C., and R. Duckering, assignors to The Liebel Flarsheim Company, Cincinnati, Ohio. Timing mechanism. 2,328,905; Sept. 7.
- Holt, Albert C., Oradell, N. J., assignor to International Business Machines Corporation, New York, N. Y. Graphical analyzing device. 2,307,131; Jan. 5.
- Holt, Benjamin M., and G. E. Liedholm, Long Beach, Calif., assignors to Shell Development Company, San Francisco, Calif. Apparatus for executing reactions with the aid of regenerative contact materials. 2,325,516; July 27.
- Holt, Darryl G., Salem, Ohio, assignor to Tennessee Coal, Iron and Railroad Company. Adjustable base. 2,321,486; June 8.
- Holt, Edman F., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Welding electrode holder. 2,315,854; Apr. 6.
- Holt, Edman F., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Flash-arc welding. 2,323,660; July 6.
- Holt, Francis J. W., Santo Amaro, Sao Paulo, A. Ullmann, Sao Paulo, and T. Honnor, Santos, Brazil. Sluice box. 2,312,096; Feb. 23.
- Holt, Grover J. (See Rakowsky, V., Holt, and Arms.)
- Holt, Harry D. (See Carbuhn, Harold G., assignor.)
- Holt, Herman W. (See Sieverts, W. C., and Holt.)
- Holt, John W., assignor, by mesne assignments, to O. A. Parker, Cleveland, Ohio. Wheel body for dual demountable rims. 2,330,285; Sept. 28.
- Holt, Lee C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of thioaniline. 2,330,711; Sept. 28.
- Holt, Philetus H., 2nd, Summit, and H. G. Codet, Scotch Plains, N. J., assignors to Standard Oil Development Company. Plug cock for handling powdered materials. 2,315,058; Mar. 30.
- Holt, Pliny G., U. S. Navy. Averaging device for measuring instruments. 2,337,045; Dec. 21.
- Holter, Frank M. (See Lee, H. E., and Holter.)
- Holters, Friedrich, Berlin-Lankwitz, and O. Renner, Berlin-Glienicker-Nordbahn, Germany, assignors to General Electric Company. Electric regulating system. 2,335,675; Nov. 30.
- Holthouse, Harry B., Jr., Chicago, Ill. Electrical system for internal combustion engines. 2,331,912; Oct. 19.
- Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Conduit construction. 2,322,937; June 29.
- Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Valve mechanism. 2,328,805; Sept. 7.
- Holtman, Clemens W., Louisville, Ky., assignor to American Radiator & Standard Sanitary Corporation. Device for preventing back flow in liquid-carrying lines. 2,325,956; Aug. 3.
- Holtmeier, Louis S., Cincinnati, Ohio, assignor to The Ohio Brass Company. Overhead trolley system. 2,328,906; Sept. 7.
- Holton, Richard C., assignor of one-half to E. Wall, Lubbock, Tex. Go-devil cultivator. 2,309,847; Feb. 2.
- Holts, Jeneus B., Asheville, Pa. Auto skid chain. 2,328,808; Sept. 7.
- Holtzclaw, Henry J., Silver Spring, Md. Inking-in roller. 2,332,514; Oct. 26.
- Holtzclaw, John B., Roselle, and J. E. Clemens, Elizabeth, N. J., assignors to Standard Oil Development Company. Wax composition. 2,311,338; Feb. 16.
- Holtzclaw, John B., Roselle, and G. F. Serniuk, Elizabeth, N. J., assignors to Standard Oil Development Company. Emulsifying and scouring assistant for mineral sulphonates. 2,314,450; Mar. 23.
- Holtzer-Cabot Electric Company, The. (See Buttoz, Charles T., assignor.)
- Holtzman, John, New York, N. Y. Shaving equipment. 2,322,443; June 22.
- Holtzman, William J., assignor to Hart-Carter Company, Peoria, Ill. Adjustable threshing screen. 2,335,416; Nov. 30.
- Holuba, Stanley J., North Bergen, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Neutralization. 2,325,320; July 27.
- Holwick, Earl E., Laguna Beach, Calif. Cellular carton having self-rotating cross partitions. 2,321,209; June 8.
- Holy, Mitchell E., Philadelphia, Pa., assignor to Container Corporation of America, Chicago, Ill. Bottle carrier. 2,337,197; Dec. 21.
- Holy, Mitchell E., Philadelphia, Pa., assignor to Container Corporation of America, Chicago, Ill. Carton. 2,337,198; Dec. 21.
- Holy, Mitchell E., Philadelphia, Pa., assignor to Container Corporation of America, Chicago, Ill. Carton. 2,337,199; Dec. 21.
- Holzbock, Edward J., Live Oak, Calif. Rotary sod breaker and cultivator. 2,312,164; Feb. 23.
- Holzkecht, Felix, Vancouver, British Columbia, Canada. Self-set animal trap. 2,333,651; Nov. 9.
- Holznel, Ernest A. (See Rypkema, Martin, assignor.)
- Holzwarth Gas Turbine Co. (See Holzwarth, Hans, assignor.)
- Holzwarth Gas Turbine Co. (See Schaper, Georg, assignor.)
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Cooling of combustion turbine plants. 2,307,042; Jan. 5.
- Holzwarth, Hans, Dusseldorf, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Process relating to the operation of explosion turbines. 2,307,789; Jan. 12.
- Homan, Edward C., East Orange, N. J., assignor, by mesne assignments, to The Harvel Corporation. Cashew nut shell liquid material compositions and bases carrying the same. 2,317,611; Apr. 27.
- Homeier, Otto F. (See Leguillon, C. W., and Homeier.)
- Homelaya, Incorporated. (See Rosenberg, Jacob E., assignor.)
- Homer Laughlin China Company, The. (See Emerson, Walter H., assignor.)
- Homestead Valve Manufacturing Company. (See Ofeldt, Frank W., assignor.)
- Homfeldt, William, Azcapotzalco, D. F., Mexico. Automatic water feeder for boilers. 2,310,696; Feb. 9.
- Homfeldt, William, Azcapotzalco, Mexico. Low pressure refining and cracking plant for hydrocarbons. 2,326,032; Aug. 3.
- Hommel, Andrew. (See De Whitt, W. J., Hommel, and Schwaenke.)
- Homonelle, Frank H., London, Ohio. Overalls and other garments. 2,319,930; May 25.
- Homrighous, John H., Oak Park, Ill. Method and system for television communication. 2,309,393; Jan. 26.
- Homrighous, John H., Oak Park, Ill. Weighing scale. 2,311,437; Feb. 16.

- Hornrighous, John H., Oak Park, Ill. Spraying device. 2,315,120; Mar. 30.
- Hornrighous, John H., Oak Park, Ill. Method and system for television communication. 2,320,699; June 1.
- Honderich, Francis I., Natchez, Miss., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Apparatus for manufacturing tires. 2,309,590; Jan. 26.
- Hone, André, Shawinigan Falls, Quebec, assignor to Aluminium Laboratories Limited, Montreal, Quebec, Canada. Separating ingots in a continuous casting process. 2,334,929; Nov. 23.
- Hönel, Herbert, assignor, by mesne assignments, to Reichhold Chemicals, Inc., Detroit, Mich. Accelerating the hardening of hardenable resins and new composition of matter. 2,330,286; Sept. 28.
- Honerkamp, Friedrich, V. F. Self, and F. J. Kurth, New York, N. Y., assignors to Anemostat Corporation of America. Heat exchange apparatus. 2,318,393; May 4.
- Honerkamp, Friedrich, and F. J. Kurth, New York, N. Y., assignors to Anemostat Corporation of America. Air outlet device. 2,326,858; Aug. 17.
- Howell, Edward R., Salisbury, Md. Power drive for motor vehicles. 2,311,393; Feb. 16.
- Huang, Herbert C., Los Angeles, Calif. Garage door latch and lock. 2,329,348; Sept. 14.
- Honig, Morris, New York, N. Y. Extension ladder and elevator. 2,308,175; Jan. 12.
- Honig, Morris, Bronx, N. Y. Extensible fire ladder and elevator. 2,323,041; June 29.
- Honig, F., Commissioner of the Board for Economic and Financial Affairs of The Netherlands Indies, Surinam and Curacao, trustee. (See Braak, Hendrik R., assignor.)
- Honiss, William T., West Hartford, assignor to Hartford Empire Company, Hartford, Conn. Feeding molten glass in plural charges. 2,310,290; Feb. 9.
- Honnor, Herbert T. (See Holt, F. J. W., Ullmann, and Honnor.)
- Honorary Advisory Council for Scientific and Industrial Research, The. (See Griffith, Thomas R., assignor.)
- Honsberg, Werner, Ludwigshafen-on-the-Rhine, Germany, vested in the Allen Property Custodian. Electrolytic decomposition of metal compounds. 2,323,042; June 29.
- Hoo, Earling, Excelsior, Minn. Hydraulic vehicle jack. 2,330,974; Oct. 5.
- Hood, Andrew, Carmarthenshire, Wales. Construction of concrete piles or the like. 2,323,772; July 6.
- Hood, Arthur H., Jr., Philadelphia, Pa., assignor to M. N. Carol, as trustee. Cigarette rolling form. 2,323,897; July 6.
- Hood, Charles E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Splitting machine. 2,319,324; May 18.
- Hood, E. Elliott, Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter. 2,317,344; Apr. 27.
- Hood, E. Elliott, Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter drive. 2,331,690; Oct. 12.
- Hood, Harrison P., and M. E. Nordberg, assignors to Corning Glass Works, Corning, N. Y. High silica glass article. 2,315,328; Mar. 30.
- Hood, Harrison P., and M. E. Nordberg, assignors to Corning Glass Works, Corning, N. Y. Making a composite glass article. 2,315,329; Mar. 30.
- Hood, Henry J., and O. Wittel, assignors to Eastman Kodak Company, Rochester, N. Y. Reflector unit. 2,308,009; Jan. 12.
- Hood, James B., New York, assignor to Aircraft Screw Products Company, Inc. Long Island City, N. Y. Expanding tool. 2,320,435; June 1.
- Hood, John M. (See Stiegler, H. W., and Hood.)
- Hood, Stanley R. (See Alban, C. F., and Hood.)
- Hood, Walter R., New York, N. Y. Safety water cradle boat. 2,319,132; May 11.
- Hooper, Charles F., Chicago, Ill. Display card holder. 2,328,806; Sept. 7.
- Hooper, Charles F., Chicago, Ill. Display card holder. 2,328,807; Sept. 7.
- Hoof, Franciscus Visser't, assignor to Lucidol Corporation, Buffalo, N. Y. Organic peroxide composition. 2,335,856; Dec. 7.
- Hooker, Donald E., assignor to R. T. Moloney, Chicago, Ill. Game apparatus. 2,318,394; May 4.
- Hooker, Donald E., C. T. Breitenstein, and N. A. Nelson, assignors to R. T. Moloney, Chicago, Ill. Light responsive target apparatus. 2,310,084; Feb. 2.
- Hooker, Donald E., and F. G. Nicolaus, assignors to R. T. Moloney, Chicago, Ill. Target shooting apparatus. 2,310,085; Feb. 2.
- Hooker, Donald E., and C. Livingston, assignors to Ace Patents Corporation, Chicago, Ill. Ball bumper. 2,322,091; June 15.
- Hooker Electrochemical Company. (See Beanblossom, J. E., and Scott, assignors.)
- Hooker Electrochemical Company. (See Burns, S. L., and Chesterfield, assignors.)
- Hooker Electrochemical Company. (See Flynn, J. A., and Ingersoll, assignors.)
- Hooker Electrochemical Company. (See Maude, Aylmer H., assignor.)
- Hooker Electrochemical Company. (See Wojcik, Bruno H., assignor.)
- Hooker, Ralph J. (See Anderson, J. W., and Hooker.)
- Hooley, Thomas W., Jr., New Orleans, La. Raft launching device. 2,316,431; Apr. 13.
- Hooiborst, Chasius P. E., Bloemendaal, Netherlands; vested in the Allen Property Custodian. Drum press. 2,313,996; Mar. 16.
- Hoop, Fred R., assignor to Froid Laboratories, Inc., Grand Rapids, Mich. Mixing machine. 2,318,158; May 4.
- Hoop, Fred R., assignor to Froid Laboratories, Inc., Grand Rapids, Mich. Beverage making machine and process. 2,324,395; July 13.
- Hooper, F. X., Company. (See Greenwood, Henry B., assignor.)
- Hooper, Florence E., Yonkers, N. Y., assignor to The Chemical Foundation, Incorporated. Treatment of cotton. 2,336,252; Dec. 7.
- Hooper, Frank B., Newport News, Va. Scupper valve. 2,320,930; June 1.
- Hooper, Louis G. (See Hooper, Virgil I. and L. G.)
- Hooper, Roy S., et al. (See McDougall, Stanley W., assignor.)
- Hooper, Virgil I., Gordon, Tex., and L. G. Hooper, Shreveport, La., assignors to The Rustian-Russell Company, Chicago, Ill. Liquid level gauge. 2,320,731; June 1.
- Hoopes, Penrose R., Philadelphia, Pa., assignor to American Chicle Company, Long Island City, N. Y. Coating apparatus adapted for confections. 2,308,420; Jan. 12.
- Hoos, Edward A., David City, Nebr. Garment clamp. 2,333,178; Nov. 2.
- Hooser, David J. (See Taylor, R. G., Jr., and Hooser.)
- Hoover, Frederick J., Dayton, Ohio. Bomb dropper. 2,332,795; Oct. 26.
- Hooven, Frederick J., Dayton, Ohio, assignor to Radio Corporation of America, New York, N. Y. Radio compass. 2,327,641; Aug. 24.
- Hoover Ball & Bearing Company. (See Pew, Thomas C., assignor.)
- Hoover, Kurt E., Wauwatosa, assignor to Lakeside Bridge & Steel Company, Milwaukee, Wis. Barrier. 2,336,483; Dec. 14.
- Hoover, Charles O., Houston, Tex., assignor to Air Reduction Company, Incorporated, New York, N. Y. Sweetening hydrocarbon oil. 2,329,615; Sept. 14.
- Hoover, Charles O., Houston, Tex., assignor to Air Reduction Company, Incorporated, New York, N. Y. Treatment of hydrocarbon oils. 2,329,616; Sept. 14.
- Hoover Company, The. (See Becker, Bernard C., assignor.)
- Hoover Company, The. (See Berg, Quentin, assignor.)
- Hoover Company, The. (See Bixler, Milo E., assignor.)
- Hoover Company, The. (See Boyle, Robert S., assignor.)
- Hoover Company, The. (See Brace, George A., assignor.)
- Hoover Company, The. (See Brace, G. A., and Gross, assignors.)
- Hoover Company, The. (See Carlson, Vernon E., assignor.)
- Hoover Company, The. (See Coons, Curtis C., assignor.)
- Hoover Company, The. (See Coons, C. C., and Kitto, assignors.)
- Hoover Company, The. (See Coons, C. C., and Puchy, assignors.)
- Hoover Company, The. (See Cummings, Stanley R., assignor.)
- Hoover Company, The. (See Dalger, George P., assignor.)
- Hoover Company, The. (See Gerber, Dale C., assignor.)
- Hoover Company, The. (See Hahn, Paul T., assignor.)
- Hoover Company, The. (See Kitto, William H., assignor.)
- Hoover Company, The. (See Livingston, Roy D., assignor.)
- Hoover Company, The. (See Osborn, Ralph C., assignor.)
- Hoover Company, The. (See Pierce, F. L., White, and Whitaker, assignors.)
- Hoover Company, The. (See Sellers, William D., assignor.)
- Hoover Company, The. (See Siedle, Arnold D., assignor.)
- Hoover Company, The. (See Smellie, Donald G., assignor.)
- Hoover Company, The. (See Snyder, Eugene L., assignor.)
- Hoover Company, The. (See Stahl, Maurice D., assignor.)
- Hoover Company, The. (See Stoner, Thomas A., assignor.)
- Hoover Company, The. (See Tooker, Kenneth O., assignor.)
- Hoover Company, The. (See Troxler, Charles G., assignor.)
- Hoover Company, The. (See Weaver, James W., assignor.)
- Hoover Company, The. (See White, Harry B., assignor.)
- Hoover Company, The. (See Wilson, Cecil B., assignor.)
- Hoover Company, The. (See Wright, William S., assignor.)
- Hoover, Daniel S., Mansfield, assignor to The Huber Manufacturing Company, Marion, Ohio. Earth handling machine and berm finisher. 2,313,342; Mar. 9.
- Hoover, Harter S., Rocky River, Ohio. Indoor game. 2,326,859; Aug. 17.
- Hoover, Herbert, Jr., Sierra Madre, assignor to Consolidated Engineering Corporation, Pasadena, Calif. Automatic amplitude control system. 2,307,790; Jan. 12.

- Hoover, Herbert, Jr., Sierra Madre, assignor to Consolidated Engineering Corporation, Pasadena, Calif. Seismic exploration system. 2,307,791; Jan. 12.
- Hoover, Herbert, Jr., Sierra Madre, assignor to Consolidated Engineering Corporation, Pasadena, Calif. Seismometer. 2,307,792; Jan. 12.
- Hoover, Herbert, Jr., Sierra Madre, assignor to Consolidated Engineering Corporation, Pasadena, Calif. Well logging method. 2,328,555; Sept. 7.
- Hoover, Herbert, Jr., Sierra Madre, and H. E. Metcalf, San Francisco, assignors to Consolidated Engineering Corporation, Pasadena, Calif. Obtaining soil samples. 2,325,057; July 27.
- Hoover, Herbert, Jr., Sierra Madre, C. G. Morgan, Pasadena, and N. J. Christie, Whittier, assignors to Consolidated Engineering Corporation, Los Angeles, Calif. Geophysical exploration system. 2,329,721; Sept. 21.
- Hoover, Herbert, Jr., Sierra Madre, and M. Swan, Pasadena, assignors to Consolidated Engineering Corporation, Los Angeles, Calif. Apparatus for seismic prospecting. 2,330,216; Sept. 28.
- Hoover, Myron M., Superior, Wis., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Dispenser for liner-wound tape. 2,325,400; July 27.
- Hoover, Vaino A., Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Method and apparatus for assembling stators. 2,327,352; Aug. 24.
- Hoover, Walter R. (See Clayton, W. J., and Hoover.)
- Hoover, Walter S., Montreal, Quebec, Canada. Propeller blade packing. 2,318,486; May 4.
- Hoover, Walter S., Montreal, Quebec, Canada. Propeller transfer bearing. 2,318,929; May 11.
- Hoover, Walter S., Montreal, Quebec, Canada. Transfer bearing. 2,324,625; July 20.
- Hope, Lawrence F., and T. C. Van Degrift, Detroit, and P. Huber, Milford, assignors to General Motors Corporation, Detroit, Mich. Balancing machine with fixed journals. 2,329,835; Sept. 21.
- Hope, William H., Jr., Lewiston, assignor to Gilman Fanfold Corporation, Niagara Falls, N. Y. Strip feed for writing machines. 2,311,051; Feb. 16.
- Hope, William H., Jr., Lewiston, assignor to Gilman Fanfold Corporation, Niagara Falls, N. Y. Carbon control for writing machines. 2,320,038; May 25.
- Hopeman Bros., Inc. (See Bohmsack, John A., assignor.)
- Hoppe's Windows, Inc. (See Blears, John, assignor.)
- Hopewell, Robert, Luton, England. Floor construction. 2,328,433; Aug. 31.
- Hopewell Manufacturing Company. (See Malone, Charles B., assignor.)
- Hopff, Heinrich, and W. Rapp, Ludwigshafen-on-the-Rhine, and H. Rinke, Leverkusen-Schiebusch, Germany; vested in the Alien Property Custodian. Arylsulfonated hydrogenated cyclic compound and producing same. 2,326,222; Aug. 10.
- Hopff, Heinrich, and S. Goebel, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Process for the production of polymerization products. 2,334,195; Nov. 16.
- Hopfield, John J. (See Haven, C. D., and Hopfield.)
- Hopfield, John J. (See Knight, M., and Hopfield.)
- Hopfield, John J., assignor to Libby-Owens-Ford Glass Company, Toledo, Ohio. Fabricating multiple glass sheet glazing units. 2,336,744; Dec. 14.
- Hopkes, Henry, Grosse Pointe, assignor to No Sag Spring Company, Detroit, Mich. Unit box spring and mattress. 2,312,411; Mar. 2.
- Hopkes, Henry, Grosse Pointe, assignor to No Sag Spring Company, Detroit, Mich. Spring construction. 2,315,706; Apr. 6.
- Hopkins, Albert J., Toronto, Ontario, Canada. Spark plug. 2,331,029; Oct. 5.
- Hopkins, Alfred J., assignor to Gaw-O'Hara Envelope Co., Chicago, Ill. Invoice container. 2,318,997; May 11.
- Hopkins, Edward W. (See Green, S. G., and Hopkins.)
- Hopkins, Frank H., Fairfield, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Pressure gauge. 2,312,716; Mar. 2.
- Hopkins, Frank H., Fairfield, Conn., assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Closure for measuring instrument cases. 2,335,063; Nov. 23.
- Hopkins, Harold C., Cleveland Heights, Ohio. Reading rack. 2,333,370; Nov. 2.
- Hopkins, Harry J., assignor to Acme Visible Records, Inc., Chicago, Ill. Manufacture of visible index or record strips. 2,323,043; June 29.
- Hopkins, Harry J., assignor to Acme Visible Records, Inc., Chicago, Ill. Apparatus for making visible index strips. 2,327,525; Aug. 24.
- Hopkins, Herbert H. (See Becker, Gus E., assignor.)
- Hopkins, Herbert H., San Francisco, and G. E. Becker, Fresno, Calif. Dredge. 2,325,134; July 27.
- Hopkins, Horace M. (See Bullitt, J. B., Jr., Evans, and Hopkins.)
- Hopkins, James H. (See Rodder, W., and Hopkins.)
- Hopkins, John H., Arlington, and B. M. Marks, Upper Montclair, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Separation of mixtures of methanol and butyraldehyde. 2,321,748; June 15.
- Hopkins, Leslie B., United States Army, Aberdeen Proving Ground, Md. Track shoe. 2,334,196; Nov. 16.
- Hopkins, Patsy N. (See Richardson, S., and Hopkins.)
- Hopkins, Robert C., Long Beach, Calif. Boiler mounting. 2,324,626; July 20.
- Hopkins, Robert C., Alliance, Ohio. Method and apparatus for blending or mixing. 2,333,104; Nov. 2.
- Hopkins, Robert K., assignor to The M. W. Kellogg Company, New York, N. Y. Metal fusing apparatus. 2,310,635; Feb. 9.
- Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Device for exhibiting transparencies. 2,322,023; June 15.
- Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Camera bellows and making same. 2,327,790; Aug. 24.
- Hopp, Harold P., Englewood, N. J., and E. Kunzelman, Mount Vernon, assignors to H. K. Metal Craft Manufacturing Co., New York, N. Y. Chain ladder. 2,317,193; Apr. 20.
- Hopp, Harold P., Englewood, N. J., and E. Kunzelman, Mount Vernon, N. Y., assignors to H. K. Metal Craft Manufacturing Co., New York, N. Y. Chain ladder. 2,330,123; Sept. 21.
- Hopp, Leo, New York, N. Y. Price ticket molding. 2,311,192; Apr. 20.
- Hop, William J., assignor to Harry Winston, Inc., New York, N. Y. Diamond girdling machine. 2,332,574; Oct. 26.
- Hoppe, Alfred G., Wauwatosa, Wis. Vestibule passageway for railway vehicles. 2,310,088; Feb. 2.
- Hoppe, Charles W., Buffalo, N. Y. Soap dispenser. 2,319,233; Mar. 18.
- Hoppe, William J., Longmeadow, assignor to National Bread Wrapping Machine Co., Springfield, Mass. Wrapper feed for wrapping machines. 2,330,715; Sept. 28.
- Hopper, Andrew L., River Edge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voltage regulator. 2,320,237; May 25.
- Hopper, Andrew L., River Edge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Time delay apparatus. 2,327,791; Aug. 24.
- Hopper, Pressley E., Dallas, Tex. Means and method for separating lint fibers from cotton seeds and cleaning lint fibers by air washing. 2,325,183; July 27.
- Hoppes, Thomas O., Tamaqua, Pa. Sander table. 2,337,718; Dec. 28.
- Hopwood, John M. (See Sengstaken, Charles W., assignor.)
- Horan, Michael J., Brighton, Mass. Paperhanging machine. 2,336,865; Dec. 14.
- Horchitz, Leon L. (See Haushalter, F. L., and Horchitz.)
- Horenstein, Schmid H., Berlin-Halensee, and H. Pablicke, Berlin-Reinickendorf, Germany; vested in the Alien Property Custodian. Production of alkamine esters. 2,343,016; Mar. 2.
- Horlacher, Herman, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Profile milling machine. 2,330,890; Oct. 5.
- Horlick, Max, Brooklyn, N. Y. Cigarette conserver. 2,335,674; Nov. 30.
- Horn, Clarence A., assignor to Raytheon Production Corporation, Newton, Mass. Molded stem. 2,310,237; Feb. 9.
- Horn, Clarence A., assignor to Raytheon Production Corporation, Newton, Mass. Making molded stems. 2,321,600; June 15.
- Horn, Frederick, Jr., Racine, Wis. Vise. 2,318,487; May 4.
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Spring plate. 2,321,487; June 8.
- Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Wheel. 2,327,044; Aug. 17.
- Horn, Josef, Wiesbaden-Biebrich, Germany; vested in the Alien Property Custodian. Photoprinting device. 2,310,148; Feb. 2.
- Horn, Robert S., assignor of one-half to A. S. and M. I. Green, San Francisco, Calif. Eye exercising and testing device. 2,309,508; Jan. 26.
- Horn, Robert S., assignor of one-half to C. L. Hunsicker, San Francisco, Calif. Illuminating apparatus of the gaseous glow tube type. 2,311,543; Feb. 16.
- Hornaday, George F. (See Kalichevsky, V. A., and Hornaday.)
- Hornaday, James R. (See Alexander, D. F., Gould, and Hornaday.)
- Hornaday, James R., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,318,858; May 11.
- Hornain, Francois, Arras, France; vested in the Alien Property Custodian. Safety switch. 2,313,549; Mar. 9.
- Hornbostel, Lloyd. (See Berry, E. E., and Hornbostel.)
- Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Method and apparatus for slitting rolls. 2,312,550; Mar. 2.
- Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Cross current cylinder type paper-making machine. 2,319,133; May 11.
- Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Paper machine. 2,330,891; Oct. 5.
- Hornbrook, Philip R., Allentown, assignor to Fuller Company, Catasauqua, Pa. Apparatus for conveying. 2,308,365; Jan. 12.
- Hornbrook, Philip R., Allentown, assignor to Fuller Company, Catasauqua, Pa. Conveying apparatus. 2,318,395; May 4.

- Hornecastle, Thomas E., Woodside, Long Island, assignor to Brewster Aeronautical Corporation, Long Island City, N. Y. Aircraft gun and gunner's seat mount. 2,320,238; May 26.
- Hornecastle, Thomas E., Flushing, assignor to Brewster Aeronautical Corporation, Long Island City, N. Y. Magazine for automatic guns. 2,321,142; June 8.
- Hornbuhl, Eric W. (See Lucia, L. V., and Hornbuhl.)
- Horne, Edgar. (See Dahlstrom, E. P., and Horne.)
- Horne, Olaf, Pleasant Ridge, assignor to Chrysler Corporation, Highland Park, Mich. Constant velocity universal joint. 2,320,903; Sept. 21.
- Hornor, Glen M., and L. M. Naffziger, Pullman, Wash., assignors to C. R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Hinged moldboard plow. 2,326,097; Aug. 3.
- Hornor, Jason N., Los Angeles, Calif. Backflow preventer. 2,324,084; July 13.
- Hornor, William L., assignor to Core Laboratories, Inc., Dallas, Tex. Method and apparatus for measuring porosity of solids. 2,327,642; Aug. 24.
- Hornfeck, Anthony J., Cleveland, Ohio. System of measurement and/or control. 2,310,955; Feb. 16.
- Hornfeck, Anthony J., Cleveland, Ohio, assignor to Bailey Meter Company, Telemetric control system. 2,330,427; Sept. 28.
- Hornish, Mars M., Washington, Ill. Tractor drawn implement. 2,319,458; May 18.
- Hornish, Mars M., Washington, Ill. Tractor drawn implement. 2,325,855; Aug. 3.
- Hornish, Mars M., Washington, Ill. Tractor drawn implement. 2,325,856; Aug. 3.
- Hornkem Corporation. (See Daniel, Friedrich K., assignor.)
- Hornshy, James R., assignor of one-third to H. W. McLarty, Atlanta, Ga. Carrier head. 2,336,093; Dec. 14.
- Hornschuch, Hanns, Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Pump. 2,329,373; Sept. 14.
- Hornschuch, Hanns, Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Sealing device. 2,329,990; Sept. 21.
- Horowitz, Alexandre, and A. van Dam, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., trustee. Hair cutting device. 2,308,920; Jan. 19.
- Horowitz, Alexandre, and H. Rinia, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Adjustable slidable electrode condenser. 2,315,330; Mar. 30.
- Horowitz, Alexandre, and J. Timmerman, Eindhoven, Netherlands, assignors to Radio Corporation of America, New York, N. Y. Push-button multitrace radio tuner. 2,315,331; Mar. 30.
- Horowitz, Alexandre, and A. van Dam, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Hair cutting device. 2,337,391; Dec. 21.
- Horowitz, Ephraim G., Brooklyn, N. Y. Apparatus for folding and closing cartons. 2,308,010; Jan. 12.
- Horowitz, Oscar, New Rochelle, N. Y. Shirt. 2,336,398; Dec. 7.
- Horr, John V., Hastings-on-Hudson, assignor to Elinson-Freeman Co., Inc., Long Island City, N. Y. Cardboard display device. 2,312,644; Mar. 2.
- Horr, John V., Hastings-on-Hudson, assignor to Elinson-Freeman Co., Inc., Long Island City, N. Y. Display container. 2,322,849; June 29.
- Horr, John V., Hastings-on-Hudson, assignor to Elinson-Freeman Co., Inc., Long Island City, N. Y. Educational device. 2,324,841; July 20.
- Horr, John V., North Tarrytown, assignor to Elinson-Freeman Co., Inc., Long Island City, N. Y. Collapsible cardboard structure. 2,329,648; Aug. 10.
- Horr, John V., North Tarrytown, assignor to Elinson-Freeman Co., Inc., Long Island City, N. Y. Collapsible cardboard display device. 2,330,287; Sept. 28.
- Horr, John V., North Tarrytown, assignor to Elinson-Freeman Co., Inc., Long Island City, N. Y. Educational device. 2,332,148; Oct. 19.
- Horr, John V., North Tarrytown, assignor to Elinson-Freeman Co., Inc., Long Island City, N. Y. Educational device for teaching orientation by compass. 2,333,933; Nov. 9.
- Horrigan, Joseph R., Houston, Tex. Rock rooter plow. 2,310,526; Feb. 9.
- Horsfield, Basil, assignor to Edwin L. Wiegand, Pittsburgh, Pa. Electrical heating element. 2,323,089; June 29.
- Horsley, Lee H. (See Britton, E. C., Nutting, and Horsley.)
- Horsrud, Ole, Fox River Grove, assignor to Sears, Roebuck and Co., Chicago, Ill. Firearm. 2,310,238; Feb. 9.
- Horst, E. Clemens, Company. (See Miller, George E., assignor.)
- Horstman, John H., assignor to The Huffman Manufacturing Company, Dayton, Ohio. Bicycle. 2,330,892; Oct. 5.
- Horstmann, John H. G., Bath, England. Safety shutoff device for gas valves. 2,315,959; Apr. 6.
- Horton, Arthur W., Jr. (See Babcock, S. M., Horton, and Logan.)
- Horton, Arthur W., Jr., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,326,047; Aug. 10.
- Horton, Charles, Ridgefield Park, N. J. Radio program selecting apparatus. 2,318,312; May 4.
- Horton, Erwin C. (See Rappi, A., and Horton.)
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Wiper arm. Re. 22,244; Jan. 6.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Fuel feeding system. 2,309,591 Jan. 26.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Friction securing device. 2,309,613; Jan. 26.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Wiper blade forming machine and process. 2,310,177; Feb. 2.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Pump. 2,313,239; Mar. 9.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Direction indicator. 2,316,584; Apr. 13.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Fan. 2,321,143; June 8.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner motor. 2,322,963; June 29.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,325,775; Aug. 3.
- Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle construction. 2,326,357; Aug. 10.
- Horton, Erwin C., Hamburg, and A. C. Seinta, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,316,070; Apr. 6.
- Horton, Erwin C., Hamburg, D. N. Mussen, Williamsville, and A. Rappi, assignors to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner control. 2,323,470; July 6.
- Horton, Erwin C., Hamburg, and A. Rappi, assignors to Trico Products Corporation, Buffalo, N. Y. Window operator for motor vehicles. 2,338,069; Mar. 28.
- Horton, Frank J., assignor to F. L. Jacobs Company, Detroit, Mich. Spring construction. 2,319,684; May 18.
- Horton, J. Roscoe. (See Nelson, Charlie A., assignor.)
- Horton Manufacturing Company, The. (See Lagerblad, Herbert C., assignor.)
- Horton Manufacturing Company, The. (See Lundblad, Gustave G., assignor.)
- Horton Manufacturing Company, The. (See Treadway, William L., assignor.)
- Horton, Reuben H. (See Eksergian, R., Horton, Morton, and Skivesen.)
- Horton, Reuben H., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Power and heating system. 2,313,439; Mar. 9.
- Horton, Reuben H., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle heating system. 2,332,149; Oct. 19.
- Horton, Reuben H., and J. W. Patton, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Double deck sleeping car. 2,312,906; Mar. 2.
- Horton, Thomas J. (See Murphy, H. F., and Horton.)
- Hortvet, Richard M., Minneapolis, assignor to Diamond Iron Works, Incorporated, Minneapolis, Minn. Extracting pure nitrogen from air. 2,314,827; Mar. 23.
- Horvath, Anthony G. (See Elckmeyer, E. E., and Horvath.)
- Horvath, Anthony G., assignor to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Gasoline dispensing pump illuminated dial. 2,307,271; Jan. 5.
- Horvath, Anthony G., assignor to The Dayton Pump and Manufacturing Company, Dayton, Ohio. Airport gasoline dispensing system. 2,336,150; Dec. 7.
- Horvath, Artemy A., assignor to Horvath Laboratories, Inc., Chambersburg, Pa. Fixation process. 2,322,516; June 22.
- Horvath, Josef, Budapest, Hungary; vested in The Allen Property Custodian. Lattice-like stiffening ribbing for structural plates. 2,328,454; Aug. 31.
- Horvath Laboratories, Inc. (See Horvath, Artemy A., assignor.)
- Horvitz, Leo, assignor to E. E. Rosaire, Houston, Tex. Geochemical prospecting. 2,310,291; Feb. 9.
- Horvitz, Leo, assignor to E. E. Rosaire, Houston, Tex. Geochemical prospecting. 2,319,734; May 18.
- Horvitz, Leo, assignor to Esme E. Rosaire, Houston, Tex. Geochemical prospecting. 2,330,718; Sept. 23.
- Horvitz, Leo, assignor to Esme E. Rosaire, Houston, Tex. Geochemical prospecting. 2,330,717; Sept. 28.
- Horvitz, Leo, assignor to E. E. Rosaire, Houston, Tex. Geochemical prospecting. 2,336,176; Dec. 7.
- Horvitz, Leo, assignor to E. E. Rosaire, Houston, Tex. Geochemical prospecting. 2,336,612; Dec. 14.
- Horvitz, Leo, assignor to E. E. Rosaire, Houston, Tex. Geochemical well logging. 2,336,613; Dec. 14.

- Horvitz, Leo, and E. B. Rosaire, Houston, Tex., said Horvitz assignor to said Rosaire. Geochemical well logging. 2,324,085; July 13.
- Horwitz, David R. (See Hayssen, W. A., and Horwitz.)
- Horwitz, Harold H., assignor to R. G. Horwitz, Chicago, Ill. Dishwasher. 2,320,133; May 25.
- Horwitz, Rose G. (See Horwitz, Harold H., assignor.)
- Hoshein, Louis H., Glencoe, assignor to M. H. Detrick Company, Chicago, Ill. Furnace wall construction. 2,323,661; July 6.
- Hoshein, Louis H., Glencoe, assignor to M. H. Detrick Company, Chicago, Ill. Furnace wall construction. 2,328,907; Sept. 7.
- Hose, Alexander V., Marblehead, assignor to Atwood & Morrill Co., Salem, Mass. Valve assembly. 2,322,517; June 22.
- Hose, Wasson O., Cleveland, Ohio, and P. Zurcher, Ponca City, Okla., assignors to Patterson-Sargent Company, Cleveland, Ohio, and Continental Oil Company, Ponca City, Okla. Paint composition. 2,332,636; Oct. 26.
- Hoshor, Perry W., Albuquerque, N. Mex. Device for correcting the uneven wear of brake shoes. 2,315,707; Apr. 6.
- Hosiery Patents Incorporated. (See Welsbecker, Frank G., assignor.)
- Hosking, Oakley W., Monroe, N. Y., assignor to Composite Rubber Products Corporation, Bridgeport, Conn. Tire valve. 2,326,998; Aug. 17.
- Hosking, Oakley W., Monroe, N. Y., assignor to Composite Rubber Products Corporation, Bridgeport, Conn. Coating metal and articles produced thereby. 2,337,555; Dec. 28.
- Hosking, Oakley W., Monroe, N. Y., assignor to Composite Rubber Products Corporation, Bridgeport, Conn. Cable. 2,337,556; Dec. 28.
- Hoskin, William S., Highland Park, and F. B. Wolf-schlager, Holly, assignors to Mid-West Abrasive Company, Detroit, Mich. Abrasive article. 2,309,456; Jan. 26.
- Hoskins, Lynn W., Knoxville, Tenn. Birdhouse. 2,312,551; Mar. 2.
- Hosmer, A. J., Corporation. (See Hosmer, Andrew J., assignor.)
- Hosmer, Andrew J., Reno, Nev., assignor to A. J. Hosmer Corporation, Los Angeles, Calif. Artificial limb. 2,333,009; Oct. 26.
- Hoss, Arthur B., Milwaukee, Wis. Adapter. 2,315,792; Apr. 6.
- Hotean Corporation. (See Katz, Leo, assignor.)
- Hotchkiss, Charles N. (See Carlson, G. H., and Hotchkiss.)
- Hotchkiss, Clifford, assignor to Perfex Corporation, Milwaukee, Wis. Thermal responsive device. 2,313,072; Mar. 9.
- Hotchkiss, E. H., Company, The. (See Polzer, Fridolin, assignor.)
- Hotchner, Harold, San Francisco, and H. E. Metcalf, Walnut Creek, Calif., said Metcalf assignor to said Hotchner. Luminous tube sign. 2,336,788; Dec. 14.
- Hotel Research Laboratories, Inc. (See Nehrich, Walter E., assignor.)
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,307,043; Jan. 5.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Dispensing container. 2,309,111; Jan. 26.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Can opener. 2,311,660; Feb. 23.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Can making machine. 2,313,748; Mar. 16.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Forming can parts. 2,313,749; Mar. 16.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Lining can ends. 2,313,750; Mar. 16.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,317,381; Apr. 27.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Sealing containers. 2,319,234; May 18.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Re forming machine. 2,319,235; May 18.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,321,601; June 15.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Lubricating dispenser. 2,322,808; June 29.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Can making machine. 2,323,329; July 6.
- Hothersall, John M., Brooklyn, N. Y., assignor to E. J. Brooks Company, Newark, N. J. Threading machine. 2,327,428; Aug. 24.
- Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,335,857; Dec. 7.
- Hothersall, John M., Brooklyn, N. Y., and A. E. Alm-gren, Hillsdale, N. J., assignors to American Can Company, New York, N. Y. Container-tab marking machine. 2,320,361; June 1.
- Hotine, William, Westbury, N. Y. Circuit control device. 2,318,223; May 4.
- Hotopp, Alfred H., Jr. (See Gordon, M. K., Jr., and Hotopp.)
- Hotson, John H., Woodside, N. Y. Collar bar. 2,334,705; Nov. 23.
- Hotstream Heater Company, The. (See Crew, Morris W., and Meyer, assignors.)
- Hotstream Heater Company, The. (See Morrow, Clarence H., assignor.)
- Hott, Ion Von Kert, assignor to The Joyce-Cridland Company, Dayton, Ohio. Lifting jack. 2,316,432; Apr. 13.
- Hottel, Frederick W., Jr., Schenectady, N. Y., assignor to General Electric Company. Circuit controller. 2,315,960; Apr. 6.
- Houchins, Henry R., assignor to The Carborundum Company, Niagara Falls, N. Y. Diamond abrasive article. 2,334,266; Nov. 16.
- Houck, Harry W. (See Minter, Jerry B., 2nd, assignor.)
- Houck, Harry W. (See Morelock, O. J., and Houck.)
- Houdaille-Hershey Corporation. (See Baker, Edwin M., assignor.)
- Houdaille-Hershey Corporation. (See Dall, Edward D., assignor.)
- Houdaille-Hershey Corporation. (See Ferguson, Arthur P., assignor.)
- Houdaille-Hershey Corporation. (See Ferguson, A. P., and Schuchert, assignors.)
- Houdaille-Hershey Corporation. (See Jandus, Herbert S., assignor.)
- Houdaille-Hershey Corporation. (See Johnson, Bernard C., assignor.)
- Houdaille-Hershey Corporation. (See Knobel, Max, assignor.)
- Houdaille-Hershey Corporation. (See Magrum, Gervase M., assignor.)
- Houdaille-Hershey Corporation. (See Potter, E. L., and O'Connor, assignors.)
- Houdaille-Hershey Corporation. (See Schatzman, George W., assignor.)
- Houdaille-Hershey Corporation. (See Smith, Frederick A., assignor.)
- Houdaille-Hershey Corporation. (See Wohlfield, Frederick W., assignor.)
- Houdersheldt, Glen F. (See Bland, A. D., and Houdersheldt.)
- Houdry, Eugene J., Ardmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. High grade motor fuel from straight run and similar hydrocarbons. 2,326,779; Aug. 17.
- Houdry, Eugene J., Ardmore, and A. G. Peterkin, Bryn Mawr, Pa., assignors to Houdry Process Corporation, Wilmington, Del. Production of fuel oils. 2,309,112; Jan. 26.
- Houdry Process Corporation. (See Appel, Henry J., assignor.)
- Houdry Process Corporation. (See Houdry, Eugene J., assignor.)
- Houdry Process Corporation. (See Houdry, E. J., and Peterkin, assignors.)
- Houdry Process Corporation. (See Lassiat, Raymond C., assignor.)
- Houdry Process Corporation. (See Peterkin, Albert G., assignor.)
- Houdry Process Corporation. (See Stahl, Gustave D., assignor.)
- Houghland, Glen S., New York, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Fractional distillation. 2,327,643; Aug. 24.
- Houghland, Glen S., New York, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Method of stripping enriched absorbent medium. 2,327,896; Aug. 24.
- Houghton, Augustus S., Rivervale, N. J., and H. E. McNutt, Philadelphia, Pa., assignors, by mesne assignments, to Allied Chemical & Dye Corporation. Vapor phase hydrogenation of phenols. 2,328,719; Sept. 7.
- Houghton-Butcher Manufacturing Company. (See Thomas, Hugh K., assignor.)
- Houghton-Butcher Manufacturing Company Limited, The. (See Parr, Bernard A., assignor.)
- Houghton, E. F., and Co. (See Eaton, James T., assignor.)
- Houghton, Russell L. (See Bowen, B., and Houghton.)
- Houk, Alva L. (See Bock, L. H., and Houk.)
- Houlihan, Rudolph N., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Decorative tubular casing and method of making. 2,329,375; Sept. 14.
- Houlston, Frederick W., Toronto, Ontario, Canada. Machine for flattening sheet metal articles. 2,323,909; July 13.
- House, Bryan E., assignor to Bendix Aviation Corporation, South Bend, Ind. Parking brake. 2,328,720; Sept. 7.
- House, Kenneth R. (See Taylor, W. I., Olpin, and House.)

- House, Kenneth R. and H. C. Olpin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Dyeing cellulose derivatives. 2,327,426; Aug. 24.
- House of Vision, Belgard-Spero, Inc., The. (See Kerry, John R., assignor.)
- House, Zachariah E., Cass Lake, Minn. Speed indicating device. 2,318,313; May 4.
- Housekeeper, Earl J. (See Schelling, J. C., Hunter, Housekeeper, and Calhoun.)
- Houseman, George A., Shreveport, La. Ventilated metal awning. 2,307,272; Jan. 5.
- Houseman, George A., Shreveport, La. Adjustable umbrella. 2,335,184; Nov. 23.
- Houstler, Arch E. (See Ebel, W. K., Houstler, Scudder, and O'Neal.)
- Houston, George F., Alexandria, Va. Indicator valve. 2,321,670; June 15.
- Houston, John F., Flint, assignor to General Motors Corporation, Detroit, Mich. Oil filter. 2,325,399; July 27.
- Houston, John W., Tama, Iowa. Post hole digger. 2,321,680; June 15.
- Houts, John R., McLean, Va. Smoker's pipe. 2,324,704; July 30.
- Hout, Edgar M., Berkeley, Calif. Tobacco pipe. 2,320,931; June 1.
- Hovarter, Otto T., Ashley, Ind. Rockable roller assembly. 2,326,223; Aug. 10.
- Hoven & Allison Company, The. (See Schantz, Edwin M., assignor.)
- Hover, Monte E., Culver City, Calif. Hoist. 2,311,544; Feb. 16.
- Hovey, Al G., Birmingham, T. S. Hodgins and C. J. Moske, Royal Oak, assignors to Reichhold Chemicals, Inc., Detroit, Mich. Polyester resins from phthalic anhydride pentaerythritol and soya bean oil. 2,315,708; Apr. 6.
- Hovey, C. Earl, trustee. (See Andulkiwicz, B. A., and Carlson, assignors.)
- Hovey, C. Earl, trustee. (See Hagstrom, Joseph E., assignor.)
- Hovey, C. Earl, trustee. (See Hagstrom, J. E., and Olsen, assignors.)
- Hovey, C. Earl, trustee. (See McGuire, John S., assignor.)
- Hovey, C. Earl, trustee. (See Olsen, Olaf C., assignor.)
- Hovey, George B., Cincinnati, Ohio. Wrist watch band. 2,313,073; Mar. 9.
- Hovland, Henry, Williston Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,336,866; Dec. 14.
- Hovlid, Norman G., Torrance, Calif. Tire repairing apparatus. 2,318,779; May 11.
- Howard, Arthur M., Toledo, Ohio, assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company. Organic solution of formaldehyde-urea reaction product. 2,321,208; June 8.
- Howard, Arthur M., and W. C. Dearing, Toledo, Ohio. Stable formaldehyde-urea composition containing a hardener. 2,318,214; Feb. 27.
- Howard, Arthur M., and M. H. Bigelow, Toledo, Ohio, assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company. Air-drying water paint. 2,334,096; Nov. 9.
- Howard, Arthur M., and J. A. Murray, Toledo, Ohio, assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company. Water paint. 2,334,097; Nov. 9.
- Howard, Alan, Schenectady, N. Y., assignor to General Electric Company. Surface type heat exchanger. 2,310,086; Feb. 2.
- Howard, Albert L., Brockton, assignor of one-half to L. L. Witter, Boston, Mass. Applying sealing strips. 2,307,406; Jan. 5.
- Howard, Albert L., Brockton, Mass. Educational apparatus. 2,335,941; Dec. 7.
- Howard, Arthur H., Toronto, Ontario, Canada. Vermifuge and making same. 2,327,644; Aug. 24.
- Howard, Darnley E., Washington, D. C. Apparatus for reproducing three-dimensional patterns and the like. 2,314,499; Mar. 23.
- Howard, Edwin R. T., Houston, Tex. Tool handle. 2,333,789; Nov. 9.
- Howard, Ernest R., Ridgewood, assignor to The H. A. Wilson Company, Newark, N. J. Switch. 2,322,235; June 22.
- Howard, Ernest R., Ridgewood, assignor to The H. A. Wilson Company, Newark, N. J. Temperature determination. 2,325,058; July 27.
- Howard, Everett W. (See Hill, L. R., Vincent, and Howard.)
- Howard, Frank A., Elizabeth, N. J. Rotating wing aircraft. 2,330,056; Sept. 21.
- Howard, Frank A., Elizabeth, N. J., assignor to Standard Oil Development Company. Catalytic apparatus. 2,334,555; Nov. 16.
- Howard, Frank L., Kingston, and N. E. Caroselli, Providence, R. I. Tree therapy. 2,334,556; Nov. 16.
- Howard, Frank W., Portland, Oreg. Electrode holder and connector. 2,338,732; Dec. 14.
- Howard, George F., and A. H. Knight, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of new anilides. 2,311,753; Feb. 23.
- Howard, George F., and A. H. Knight, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of anilides. 2,311,754; Feb. 23.
- Howard, George G. (See Lusher, A. C., Tompkins, and Howard.)
- Howard, Harold F., and W. Richards, Flint, assignors to General Motors Corporation, Detroit, Mich. Heating process. 2,336,177; Dec. 7.
- Howard, John B., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stabilization of superpolymers. 2,322,938; June 29.
- Howard, John H., Whittier, Calif. Apparatus for welding. 2,329,707; Sept. 21.
- Howard, Joseph A., Roscoe, Calif. Floating tool holder. 2,327,897; Aug. 24.
- Howard, Lawrence M., assignor to Knapp-Monarch Company, St. Louis, Mo. Heating pad thermostat. 2,328,342; Aug. 31.
- Howard Mfg. Co. (See Nigbor, Thomas A., assignor.)
- Howard, Ralph H., Oklahoma City, Okla. Transfer sleeve for drill pipe protectors. 2,334,557; Nov. 16.
- Howard, Robert O., Redding, Calif. Sandblast nozzle. 2,325,517; July 27.
- Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,313,643; Mar. 9.
- Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,316,867; Apr. 20.
- Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Vacuum package. 2,326,649; Aug. 10.
- Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,327,367; Aug. 17.
- Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Method of and apparatus for producing bags. 2,330,361; Sept. 28.
- Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,333,790; Nov. 9.
- Howard, Styles T., Jeffersonville, Ind. Automatic cutoff valve. 2,310,636; Feb. 9.
- Howard, Styles T., Jeffersonville, Ind. Fire unit carrying case and heater. 2,331,913; Oct. 19.
- Howard, Styles T., Jeffersonville, Ind. Antisplash lid for receptacles. 2,337,046; Dec. 21.
- Howard, Vernon L., Indianapolis, Ind. Camera. 2,335,759; Nov. 30.
- Howard, William C., Jr., Detroit, Mich. Mechanical compensator. 2,326,780; Aug. 17.
- Howarth, Harry A. S., Philadelphia, Pa. Bearing. 2,314,703; Mar. 23.
- Howdle, James T., Birmingham, assignor to The Parker Pipe Company Limited, Notting Hill Gate, London, England. Tobacco pipe. 2,314,982; Mar. 30.
- Howe, Andrew E., University City, assignor to B. H. & M. Company, St. Louis, Mo. Screen for centrifugal machines. 2,321,207; June 8.
- Howe, Earl E., Royal Oak, assignor to F. L. McLaughlin, Detroit, Mich. Attaching nut. 2,335,593; Nov. 30.
- Howe, Everett W., Edgewood, and K. E. Wilhelm, Providence, R. I., assignors to United States Rubber Company, New York, N. Y. Thread tensioning mechanism. 2,315,332; Mar. 30.
- Howe, Harold, Rowayton, Conn. Folding ironing table and the like. 2,314,043; Mar. 16.
- Howe, Harold, Rowayton, Conn. Structure having a folding support surface. 2,326,461; Aug. 10.
- Howe, Harold S., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Pneumatic tire. 2,317,912; Apr. 27.
- Howe, Nick F., Omaha, Nebr. Bow sight. 2,332,080; Oct. 19.
- Howe, Smith B., Grand Island, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Machine gun. 2,330,362; Sept. 28.
- Howe, Alfred H., Sharon, assignor to The Foxboro Company, Foxboro, Mass. Condensation temperature measuring apparatus. 2,311,661; Feb. 23.
- Howell, Edward T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyes of the dibenzanthrone series. 2,310,087; Feb. 2.
- Howell, Frederic B., Wilkes Barre, Pa. Automotive transmission gear shift-indicator. 2,324,396; July 13.
- Howell, John D., Ithaca, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Line tracing mechanism. 2,334,824; Nov. 23.
- Howell, John W., St. Louis, Mo. Vehicle license plate. 2,322,135; June 15.
- Howell, Lynn G., Houston, Tex., assignor to Standard Oil Development Company. Operations in boreholes. 2,308,176; Jan. 12.
- Howell, Lynn G., Houston, Tex., assignor to Standard Oil Development Company. Apparatus for logging boreholes. 2,321,295; June 8.
- Howell, Lynn G., and L. W. Blau, Houston, Tex., assignors to Standard Oil Development Company. Method and apparatus for logging boreholes. 2,322,634; June 22.
- Howell, Roy C., Lakewood, Ohio. Industrial truck. 2,320,600; June 1.
- Howell, Roy C., Lakewood, Ohio. Industrial truck. 2,320,601; June 1.

- Howell, William, Winnipeg, Manitoba, Canada. Pickup device for airplanes. 2,310,697; Feb. 9.
- Howells, John N. M., Kittery, Maine. Stereoscopic device. 2,332,575; Oct. 26.
- Hower, John B., assignor to Akron-Selle Company, Akron, Ohio. Nut. 2,307,405; Jan. 5.
- Howey, Adam, Brooklyn, assignor to R. Hoe & Co., Inc., New York, N. Y. Method and apparatus for feeding webs in folders for printing machines. 2,334,674; Nov. 16.
- Howey, Walter, Boston, Mass. Photoengraving process and product. 2,323,752; July 6.
- Howie, John L., Jr., assignor to The Grigolet Company, Decatur, Ill. Machine for molding plastics. 2,312,215; Feb. 23.
- Howk, Benjamin W., and G. W. Rigby, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of diamines from ketonitriles and products therefrom. 2,309,509; Jan. 26.
- Howland, Louis H., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Manufacture of rubber. 2,315,855; Apr. 6.
- Howland, Louis H., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Manufacture of rubber. 2,315,856; Apr. 6.
- Howland, Louis H., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Manufacture of rubber. 2,315,857; Apr. 6.
- Howland, Louis H., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Manufacture of mercapto-thiazolines. 2,321,296; June 8.
- Howland, Louis H., Cheshire, Conn., and W. P. ter Horst, Hackensack Lake, N. J., assignors to United States Rubber Company, New York, N. Y. Corrosion inhibitor. 2,308,282; Jan. 12.
- Howlett, Leslie J., Lindfield, and W. H. Howlett, New South Wales, Australia. Paint composition. 2,316,585; Apr. 13.
- Howlett, Lewis G., assignor to Burnette Castings Company, Hartford, Mich. Culinary utensil. 2,321,749; June 15.
- Howlett, Wesley H. (See Howlett, Leslie J., and Wesley H.)
- Howorth, Harmon. (See Simpson, W. R., and Howorth.)
- Howsam, Hilyard C., assignor to Hubbard Spool Company, Chicago, Ill. Spool. 2,334,874; Nov. 23.
- Howsam, Hilyard C., assignor to Hubbard Spool Company, Chicago, Ill. Reel. 2,337,606; Dec. 28.
- Howsam, Hilyard, Chicago, and G. G. Tucker, Jr., Berwyn, assignors to Hubbard Spool Company, Chicago, Ill. Spool. 2,321,084; June 8.
- Howser, Harry R., Washington, D. C. Composite frozen edible products. 2,316,165; Apr. 13.
- Hoy, Clarence A. (See Stover, R. B., and Hoy.)
- Hoy Equipment Company. (See Hoy, Frank H., assignor.)
- Hoy, Frank H., Milwaukee, Wis. Apparatus for the multiple molding of hams and the like. 2,310,956; Feb. 16.
- Hoy, Frank H., assignor to Hoy Equipment Company, Milwaukee, Wis. Apparatus for the multiple molding of hams and the like. 2,310,957; Feb. 16.
- Hoy, Frank H., assignor to Hoy Equipment Company, Milwaukee, Wis. Apparatus for molding meats. 2,310,958; Feb. 16.
- Hoye, Fester B., Maywood, assignor to Electrical Engineers Equipment Co., Melrose Park, Ill. Friction brake mechanism for motor driven electric switches and the like. 2,310,787; Feb. 9.
- Hover, Arnold, Conshohocken, Pa., assignor to Kimble Glass Company, Vineland, N. J. Hydrometer. 2,325,776; Aug. 3.
- Hoyt, Charles F., Kirkwood, Mo. Shoe construction. 2,333,721; Nov. 9.
- Hoyt, Frederick A., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin chute. 2,316,657; Feb. 9.
- Hoyt, Frederick A., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone coin collector. 2,311,751; Feb. 23.
- Hoyt, John C., Upper Darby, Pa., assignor to General Electric Company. Circuit control system. 2,311,438; Feb. 16.
- Hoyt, Leon G., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Crossarm reinforcement. 2,318,396; May 4.
- Hoza, John, Zlin, Czechoslovakia; vested in the Alien Property Custodian. Machine for milling and sanding heels. 2,311,904; Feb. 23.
- Hraha, Edward. (See Moberg, Adolph L., assignor.)
- Hruby, Joseph H. (See Macdonald, H. G., and Hruby.)
- Hubacker, Earl P., Highland Park, assignor to a partnership consisting of J. S. and M. H. Bicknell, H. Hanchett, and W. J. Olson, Clare, Mich. Traffic signal. 2,326,781; Aug. 17.
- Hubbard, Albert B., West Orange, N. J., assignor to General Electric Company. Air conditioning apparatus. 2,331,691; Oct. 12.
- Hubbard, Alfred W., Stillwater, assignor of one-half to J. C. N. Rowell, and one-half to T. H. Rowell, Baudette, Minn. Ophthalmic apparatus. 2,313,240; Mar. 9.
- Hubbard and Company. (See Ackerman, Harold S., assignor.)
- Hubbard and Company. (See Hoehner, Andrew A., assignor.)
- Hubbard, David C., assignor to A. B. Chance Company, Centralia, Mo. Fused circuit. 2,309,698; Feb. 2.
- Hubbard, David C., assignor to A. B. Chance Company, Centralia, Mo. Transformer gin. 2,309,769; Feb. 2.
- Hubbard, David C., assignor to A. B. Chance Company, Centralia, Mo. Conductor-insulator clamp. 2,315,961; Apr. 6.
- Hubbard, David C., assignor to A. B. Chance Company, Centralia, Mo. Transmission line tool. 2,316,243; Apr. 13.
- Hubbard, David C., assignor to A. B. Chance Company, Centralia, Mo. Operating tool for high tension electric lines. 2,319,992; May 25.
- Hubbard, David C., assignor to A. B. Chance Company, Centralia, Mo. High voltage electrical measuring instrument. 2,323,996; July 13.
- Hubbard, Don C., Auburn, Maine. Tread unit for shoes. 2,307,727; Jan. 5.
- Hubbard, Elbert B., assignor to Williams Furniture Corporation, Sumter, S. C. Apparatus for driving pins in bedposts. 2,310,638; Feb. 9.
- Hubbard, Francis A. (See Holden, W. H. T., Hubbard, Lewis, Malthaner, and Sprague.)
- Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector. 2,327,792; Aug. 24.
- Hubbard, Henry H., Grosse Pointe Farms, assignor to Electromaster, Inc., Detroit, Mich. Producing drawn cups with faced and beveled edges. 2,321,085; June 8.
- Hubbard, John R., assignor to Peter Cooper Corporations, Gowanda, N. Y. Forming water-resistant glue films. 2,334,098; Nov. 9.
- Hubbard Spool Company. (See Howsam, Hilyard C., assignor.)
- Hubbard Spool Company. (See Howsam, H. C., and Tucker, assignors.)
- Hubbard Spool Company. (See Tucker, George G., Jr., assignor.)
- Hubbell, Edward S. (See La Rue, Herschel C., assignor.)
- Hubbell, Harvey, Incorporated. (See Hubbell, Harvey, assignor.)
- Hubbell, Harvey, Incorporated. (See Sundquist, J. A., and Aust, assignors.)
- Hubbell, Harvey, Long Hill, Conn. Electrical fixture. 2,317,382; Apr. 27.
- Hubbell, Harvey, Long Hill, Conn. Magnetic switch. 2,323,910; July 13.
- Hubbell, Harvey, Long Hill, assignor to Harvey Hubbell, Incorporated, Bridgeport, Conn. Electrical receptacle. 2,315,523; Apr. 6.
- Hubbell, Minott P., assignor to T. R. Almond Manufacturing Co., Ashburnham, Mass. Positive drive chuck. 2,315,524; Apr. 6.
- Hubbs, Oland F., Milton, Oreg. Motor vehicle signal device. 2,307,372; Jan. 5.
- Hubenet, Will W., Detroit, Mich. Whipped cream dispenser. 2,324,162; July 13.
- Huber, Adolf, Uetikon, Switzerland. Treadle lever drive, especially for bicycles. 2,312,645; Mar. 2.
- Huber, Albert F., Chicago, Ill., assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Safety locking device. 2,320,779; June 1.
- Huber, Charles J., West Chester, Pa., assignor, by mesne assignments, to Cleaver Brooks Company, Milwaukee, Wis. Valve structures. 2,313,550; Mar. 9.
- Huber, Charlotte, New York, N. Y. Spool thread assembly. 2,317,771; Apr. 27.
- Huber, Fritz, Mannheim, Germany; vested in the Alien Property Custodian. Steering mechanism for vehicles and tractors. 2,326,946; Aug. 17.
- Huber, Fritz, Mannheim, Germany; vested in the Alien Property Custodian. Drive mechanism for crawler tractors. 2,332,970; Oct. 26.
- Huber, Fritz, and K. Künzel, Mannheim, Germany; vested in the Alien Property Custodian. Gas producer for vehicles and tractors. 2,308,921; Jan. 19.
- Huber, Fritz, Mannheim, and A. Lentz, Heidelberg, Germany; vested in the Alien Property Custodian. Internal combustion engine with scavenging pump. 2,317,772; Apr. 27.
- Huber, J. M., Corporation, The. (See Blackburn, Claude E., assignor.)
- Huber, J. M., Inc. (See Breyer, Frank G., assignor.)
- Huber, John M., Inc. (See Huber, Walter, assignor.)
- Huber, John S., South Milwaukee, assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Combustion chamber. 2,324,705; July 20.
- Huber, Louis J. (See Andrews, J. S., Evans, and Huber.)
- Huber Manufacturing Company, The. (See Hoover, Daniel S., assignor.)
- Huber, Matthew W., Chicago, Ill., assignor to Hydraulic Controls, Inc. Work cylinder. 2,312,412; Mar. 2.
- Huber, Matthew W., Chicago, Ill., assignor to Hydraulic Controls, Inc. Combined brake and selector valve. 2,322,518; June 22.
- Huber, Matthew W., Chicago, Ill., assignor to Hydraulic Controls, Inc. Pump. 2,337,821; Dec. 28.
- Huber, Paul. (See Hope, L. F., Van Degrieff, and Huber.)
- Huber, Paul P. (See Wolfertz, A. H., and Huber.)

- Huber, Price A., Boston, Mass., assignor, by mesne assignments, to C. W. West and G. Gilliam, Chicago, Ill. Individual price banded card and envelope unit. 2,336,867; Dec. 14.
- Huber, Theodore A., Houston, Tex., assignor to Standard Oil Development Company. Sampling and metering device. 2,322,018; June 15.
- Huber, Walter, Mount Kisco, assignor to J. M. Huber, Inc., New York, N. Y. Printing process. 2,322,445; June 22.
- Huberman, Sidney H. (See La Chapelle, Fred N., assignor.)
- Hubert, Emil. (See Harz, W., Rein, Hubert, and Kayser.)
- Hutner, Fred, Jr. (See Alvey, G. H., and Hubert, Jr.)
- Hubley, Earl A., Quincy, assignor to Mason-Neilan Regulator Co., Boston, Mass. Control mechanism. 2,327,898; Aug. 24.
- Hubner, Paul O., Rosetonville, Johannesburg, and M. Docherty, Germiston, Transvaal, Union of South Africa. Knee protectors, elbow guards and the like. 2,325,321; July 27.
- Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Plate clamp for securing and positioning printing plates on printing cylinders. 2,326,239; May 25.
- Huck, William F., Richmond Hill, N. Y., assignor to R. Hoe & Co., Inc., New York, N. Y. Slitter roller for use in printing machines. 2,329,403; Sept. 14.
- Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Cylinder bearer lubricator. 2,330,491; Sept. 28.
- Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Printing machine. 2,335,010; Nov. 23.
- Huck, William F., Richmond Hill, N. Y., F. Lamatsch, Grantwood, N. J., and F. Heller, Mount Vernon, assignors to R. Hoe & Co., Inc., New York, N. Y. Printing machine. 2,334,628; Nov. 16.
- Hucke, Herbert M., Arlington, Va., assignor to United Air Lines Transport Corporation, Chicago, Ill. Static discharge device. 2,311,608; Feb. 16.
- Hucke, Herbert M., Haddonfield, N. J., assignor to United Air Lines Transport Corporation, Chicago, Ill. Electrical resistor. 2,327,793; Aug. 24.
- Huckle, William G., and C. G. Polzer, assignors to Imperial Paper and Color Corporation, Glens Falls, N. Y. Lead chromate pigment. 2,316,244; Apr. 13.
- Hucks, Robert T., South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,335,760; Nov. 30.
- Hudnash, Bruno J., Chicago, Ill. Garment hanger. 2,336,686; Dec. 14.
- Huddle, Edwin F., Elmwood Park, Ill., assignor to International Harvester Company. Harvester. 2,320,134; May 25.
- Huddle, Edwin F., Elmwood Park, Ill., assignor to International Harvester Company. Harvesting machine. 2,325,857; Aug. 3.
- Huddle, Edwin F., Chicago, Ill., assignor to International Harvester Company. Apparatus for use in the application of coating material or the like to articles. 2,334,930; Nov. 23.
- Hudler, Adrian R., Battle Creek, Mich. Eyeglass construction. 2,307,837; Jan. 12.
- Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Off gauge totalizer. 2,315,709; Apr. 6.
- Hudson Engineering Corporation. (See Baird, John B., assignor.)
- Hudson, Harry W. (See Habart, H., and Hudson.)
- Hudson, James L., assignor to Central Discount Company, Detroit, Mich. Carbonating apparatus. 2,314,983; Mar. 30.
- Hudson, James L., assignor to Central Discount Company, Detroit, Mich. Carbonating apparatus. 2,314,984; Mar. 30.
- Hudson, John M., Downey, assignor to Vultee Aircraft, Inc., Vultee Field, Calif. Airplane tail wheel structure. 2,312,553; Mar. 2.
- Hudson, Leslie G., London, and N. Powell, Birmingham, assignors of one-third to W. A. Hudson, Limited, London, England. Packing runners for curtain rails. 2,317,531; Apr. 27.
- Hudson Motor Car Company. (See Badertscher, Dana K., assignor.)
- Hudson Motor Car Company. (See Greig, James W., assignor.)
- Hudson Motor Car Company. (See Northrup, H. M., and Greig, assignors.)
- Hudson, Neal, Phoenix, Ariz. Coupler. 2,322,446; June 22.
- Hudson, Richard P. (See Moseley, J. M., and Hudson.)
- Hudson, Shaw, West Medway, assignor to Draper Corporation, Hopedale, Mass. Loom shuttle. 2,334,675; Nov. 16.
- Hudson, W. A., Limited. (See Hudson, L. G., and Powell, assignors.)
- Hudson, William L., Chicago, Ill. Periodic coin collector. 2,310,089; Feb. 2.
- Hudson, William L., Chicago, Ill. Hair drier. 2,332,639; Oct. 26.
- Huebner, George D. (See Lightfoot, A. C., and Huebner.)
- Huebner, William C., New York, N. Y. Camera. 2,317,612; Apr. 27.
- Huebner, William C., New York, N. Y. Compositor camera. 2,324,842; July 20.
- Huebsch, Erwin. (See Kalowski, Phillip, assignor.)
- Huebsch Manufacturing Company. (See Watson, Thomas S., assignor.)
- Huebschman, Paul, Dearborn, and G. D. Stough, Detroit, assignors to Whitehead & Kales Company, River Rouge, Mich. Hook structure. 2,322,576; June 22.
- Huecklin, Herman C., assignor to Armistead Corporation, Chicago, Ill. Fan. 2,337,719; Dec. 28.
- Huelster, Otto J. (See Wolff, J. G., Huelster, and Fagan.)
- Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. One-way detachable snap fastener. 2,328,016; Aug. 31.
- Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Hand feed mechanism for fastener setting machines. 2,329,017; Sept. 7.
- Huehlich, Charles, Bloomfield, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Cabinet. 2,312,907; Mar. 2.
- Huetter, Richard, Dessau-Rosslau Anhalt, Germany, assignor, by mesne assignments, to "Patchem" A.-G. zur Beteiligung an Patenten und sonstigen Erfindungsrechten auf Chemische Verfahren, Zurich, Switzerland. Production of aqueous solutions. 2,309,592; Jan. 26.
- Huetten, Clarence, assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Vibrator. 2,334,769; Nov. 23.
- Huey Co., The. (See Crowley, C. A., and Goodyear, assignors.)
- Huey Co., The. (See Crowley, C. A., and Mullen, assignors.)
- Huey, Harold I., Saylesville, and W. W. Russell, East Providence, assignors to Sayles Finishing Plants, Inc., Saylesville, R. I. Producing patterned cellulosic fabric. 2,319,903; May 25.
- Huey, Harold I., Saylesville, H. G. Killam, Providence, and W. W. Russell, East Providence, assignors to Sayles Finishing Plants, Inc., Saylesville, R. I. Fabric finishing method. 2,327,712; Aug. 24.
- Huff, Arthur L., Lemay, assignor to Monsanto Chemical Company, St. Louis, Mo. Leavening preparation. 2,314,090; Mar. 16.
- Huff, Edward I., Nutley, N. J., assignor to Huff Equipment Company. Annealing furnace. 2,309,099; Feb. 2.
- Huff, Edward I., Nutley, N. J., assignor to Huff Equipment Company. Annealing furnace. 2,309,700; Feb. 2.
- Huff Equipment Company. (See Huff, Edward I., assignor.)
- Huff, Ernest, Elm Grove, assignor to Wehr Steel Company, West Allis, Wis. Grinding apparatus. 2,329,005; Sept. 21.
- Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic reactor. 2,327,045; Aug. 17.
- Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Seal for pumps, mixers, and the like. 2,332,150; Oct. 19.
- Huff, Van E., assignor of one-half to C. F. Miller, Miami, Fla. Louver pivot clip. 2,324,454; July 13.
- Huffer, George H., Grosse Pointe, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Fastener device. 2,307,132; Jan. 5.
- Huffer, George H., Detroit, Mich., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Self-sealing detachable coupling. 2,326,143; Aug. 10.
- Huffer, George H., Grosse Pointe, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Quick disconnect coupling. 2,333,423; Nov. 2.
- Huffer, George H., Grosse Pointe, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Multiple detachable coupling. 2,334,875; Nov. 23.
- Huffer, Ralph W. (See McCluer, W. B., and Huffer.)
- Huffer, Ralph W. (See McCluer, W. B., Huffer, and Philippar.)
- Huffington, R. F. (See Whorton, L. H., and Minshall.)
- Huffman, Coy L., Greenville, S. C. Textile machinery. 2,333,377; Nov. 2.
- Huffman, Hal C., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Catalytic dehydrogenation. 2,325,911; Aug. 3.
- Huffman Manufacturing Company, The. (See Horstman, John H., assignor.)
- Huffman, Samuel A., Avalon, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Sheet handling apparatus. 2,325,159; July 27.
- Hufford, Raymond, Anderson, Ind. On-center valve vacuum governor and spark control. 2,327,599; Aug. 24.
- Hufford, Raymond, Anderson, Ind. Combination vacuum governor and spark control. 2,332,515; Oct. 26.
- Huffstutter, John W., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,315,618; Apr. 6.
- Huge, Ernest C. (See Rowand, W. H., and Huge.)
- Huge, Henry M., Lorain, Ohio, assignor of one-half to C. P. Stocker, and one-half to E. M. Heavens. Control circuit. 2,313,440; Mar. 9.
- Huge, Henry M., Lorain, Ohio, assignor of one-half to C. P. Stocker, and one-half to E. M. Heavens. Nonlinear inductance. 2,329,537; Sept. 14.

- Huge, Henry M., Lorain, Ohio, assignor, by mesne assignments, to Electronic Laboratories, Inc. Inverter circuit. 2,338,079; Dec. 28.
- Huggins, Owen R., South Norwalk, Conn., assignor to Linotone Corporation. Printing member. 2,325,135; July 27.
- Huggins, Owen R., South Norwalk, Conn., assignor to Linotone Corporation. Reproducing designs. 2,333,251; Nov. 2.
- Hughes, Arthur J., et al. (See Harrison, Edward P., assignor.)
- Hughes, Arthur J., Chigwell Row, assignor of one-half to H. Hughes & Son Limited, London, England. Apparatus for depth measurement. 2,309,956; Feb. 2.
- Hughes, Ausker E., Wyandotte, H. B. Browne, Trenton, and H. F. Roderick, Grosse Isle, assignors, by mesne assignments, to Wyandotte Chemicals Corporation, Wyandotte, Mich. Manufacture of calcium carbonate adhesive coatings. 2,330,428; Sept. 28.
- Hughes, By-Product Coke Oven Corporation. (See Hughes, Charles H., assignor.)
- Hughes, Carlton W., Forth Worth, Tex. Book press. 2,332,318; Oct. 19.
- Hughes, Charles H., Glen Ridge, N. J., assignor to Hughes By-Product Coke Oven Corporation, New York, N. Y. Coking carbonaceous material. 2,309,957; Feb. 2.
- Hughes, Charles H., Glen Ridge, N. J., assignor to Hughes By-Product Coke Oven Corporation, New York, N. Y. Coking carbonaceous material. 2,309,958; Feb. 2.
- Hughes, Charles H., Glen Ridge, N. J., assignor to Hughes By-Product Coke Oven Corporation, New York, N. Y. Coking carbonaceous material. 2,309,959; Feb. 2.
- Hughes, Daniel K., assignor to The National Cash Register Company, Dayton, Ohio. Interlock. 2,313,873; Mar. 16.
- Hughes, David W., Susquehanna, Pa. Screen attachment for eaves troughs. 2,317,272; Apr. 20.
- Hughes, Everett C. (See Burk, R. E., and Hughes.)
- Hughes, Everett C., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Beneficiated mineral oil. 2,308,690; Jan. 19.
- Hughes, Everett C., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Lubricating oil. 2,308,691; Jan. 19.
- Hughes, Everett C., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Preparation of oxide type catalysts. 2,323,868; July 6.
- Hughes, George J., Pendleton, Ind. Control system. 2,323,097; July 27.
- Hughes, Harry H., St. Louis, Mo. Filing box. 2,337,607; Dec. 28.
- Hughes, Henry & Son Limited, et al. (See Harrison, Edward P., assignor.)
- Hughes, Henry, & Son Limited. (See Hughes, Arthur J., assignor.)
- Hughes, Herbert H., assignor to Swift Manufacturing Company, Columbus, Ohio. Loom attachment. 2,328,981; Sept. 7.
- Hughes, Hugh G., Hinton, W. Va. Valve operator. 2,328,645; Sept. 7.
- Hughes, Jesse E. (See Batchelder, G. W., Featherer, and Hughes.)
- Hughes, Leigh E., Indianapolis, Ind. Hydraulic well pump. 2,312,337; Mar. 2.
- Hughes, Lester W., Newport, R. I. Black-out light shade and protector. 2,321,488; June 8.
- Hughes, Lowellyn, Pasadena, Calif. Dwelling. 2,312,166; Feb. 23.
- Hughes, Owen R., Alhambra, Calif. Internal combustion engine. 2,327,645; Aug. 24.
- Hughes, Ralph C., assignor to Reynolds Gas Regulator Co., Anderson, Ind. Fluid pressure regulator. 2,315,370; Mar. 30.
- Hughes, Sidney J. (See Fentress, D. W., and Hughes.)
- Hughes Tool Company. (See Evans, Seth, assignor.)
- Hughes Tool Company. (See Neuhaus, Ralph, assignor.)
- Hughes Tool Company. (See Schlumpf, Robert W., assignor.)
- Hughes Tool Company. (See Scott, F. L., Garfield, and Cockrum, assignors.)
- Hughes Tool Company. (See Smith, Frederick C., Jr., assignor.)
- Hughes, Walter J., Chicago, Ill. assignor to Inflico Incorporated. Balanced valve. 2,307,273; Jan. 6.
- Hughes, Walter J., Chicago, Ill. assignor to Inflico Incorporated. Stabilization of liquids. 2,325,679; Aug. 3.
- Hugley, Howard G., Fanwood, and G. L. Walker, Jersey City, N. J., assignors to Air Reduction Company, Incorporated, New York, N. Y. Composite valve unit and valve operating means. 2,337,659; Dec. 28.
- Huguelet, John E., Mount Lebanon, Pa., assignor to National Electric Products Corporation. Wiring duct. 2,316,166; Apr. 13.
- Huguelet, John E., Mount Lebanon, Pa., assignor to National Electric Products Corporation. Conductor carrying means. 2,318,859; May 11.
- Huguelet, John E., Mount Lebanon, Pa., assignor to National Electric Products Corporation. Electrical distribution system. 2,318,860; May 11.
- Huguelet, John E., Mount Lebanon, Pa., assignor to National Electric Products Corporation. Current take-off. 2,318,861; May 11.
- Hultberg, Reed O. (See Gardner, Edward, assignor.)
- Hulbeck, Walter L., assignor to Alice H. Preston, San Diego, Calif. Clothes drying rack. 2,316,433; Apr. 13.
- Huling, Charles F. (See Monnot, Robert, assignor.)
- Hull, Carl M. (See Thiele, E. W., Schmitkons, and Hull.)
- Hull, Charles J. (See Osborne, F. H., and Hull.)
- Hull, Charles J., North Tonawanda, and F. H. Osborne, Sider, N. Y., assignors to The Rudolph Wurilizer Company, Cincinnati, Ohio. Remote control system. 2,327,429; Aug. 24.
- Hull, Donald R., Newport, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Method for production of continuous structures. 2,324,397; July 13.
- Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,320,436; June 1.
- Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,321,815; June 15.
- Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,336,733; Dec. 28.
- Hull, Harry H., Chicago Heights, Ill., assignor to The Diversy Corporation. Stable-colored crystalline alkali metal hypochlorite-containing composition. 2,324,302; July 13.
- Hull, Harvard L., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic control system for dirigible craft. 2,317,383; Apr. 27.
- Hull, Henry E. (See Parker, A. L., and Hull.)
- Hull, Homer L., Marion, Ohio. Tumbler type lock. 2,326,358; Aug. 10.
- Hull, Matthew R., and E. P. Summers, assignors to Rex Manufacturing Company, Inc., Connersville, Ind. Crate for refrigerator cabinets and the like. 2,317,613; Apr. 27.
- Hull, Philip C., assignor to The Parker Pen Company, Janesville, Wis. Desk set. 2,308,810; Jan. 19.
- Hull, Raouel B., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Voltage control apparatus. 2,330,429; Sept. 28.
- Hull, Raouel B., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Voltage control apparatus. 2,333,863; Nov. 9.
- Hull, Richard O. (See Fern, E. W., and Hull.)
- Hull, Richard O., Lakewood, and C. F. Rubensaal, Cleveland, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Electroplating. 2,312,097; Feb. 23.
- Hull, Robert W., Connersville, Ind., assignor to Philco Corporation, Philadelphia, Pa. Refrigerator cabinet construction. 2,335,185; Nov. 23.
- Hullegård, Erik W., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Counting device with gaseous discharge valves. 2,329,048; Sept. 7.
- Hulme, John F., U. S. Army. Anchor bolt insert. 2,312,338; Mar. 2.
- Hulme, Philip M., Metuchen, N. J., assignor to International Smelting and Refining Company. Apparatus for pouring molten metal. 2,329,049; Sept. 7.
- Hulsberg, Herbert A., assignor to Universal Oil Products Company, Chicago, Ill. Liquid level indicator. 2,327,608; Dec. 28.
- Hulsberg, William E., assignor to Universal Oil Products Company, Chicago, Ill. Expansion joint. 2,308,757; Jan. 19.
- Hulsberg, William E., assignor to Universal Oil Products Company, Chicago, Ill. Reaction vessel. 2,315,525; Apr. 6.
- Hulse, George E. (See Chittum, J. P., and Hulse.)
- Hulslander, Ray D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire balancing apparatus. 2,308,950; Jan. 19.
- Hultberg, Walter R., assignor to Corry-Jamestown Manufacturing Corporation, Corry, Pa. Metal furniture. 2,337,660; Dec. 28.
- Hultgren, Arnold P. (See Mitchell, W. G., and Hultgren.)
- Hultgren, Rudolph C., and S. Isenberg, assignors to General Luminescent Corporation, Chicago, Ill. Luminescent material and producing same. 2,324,843; July 20.
- Hultin, Oscar H., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Package. 2,321,681; June 15.
- Hultin, Oscar H., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Package. 2,337,891; Dec. 28.
- Hultin, Oscar H., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Package. 2,337,892; Dec. 28.
- Hultman, Carl E. (See Hultman, Maynard R., and C. E.)
- Hultman, John F., Stora Angby, assignor to Aktiebolaget Regulus, Stockholm, Sweden. Thermostatic mixing valve. 2,335,761; Nov. 30.
- Hultman, Maynard R., and C. E. Hultman, Crafton, Pittsburgh, Pa. Cover for large books. 2,319,605; May 18.
- Hulton, Charles S., assignor to The Kirk & Blum Manufacturing Company, Cincinnati, Ohio. Furnace wall maintenance. 2,310,698; Feb. 9.
- Hultquist, J. Albert. (See Mitchell, O. V., and Hultquist.)
- Hultquist, J. Albert, Scarsdale, N. Y., assignor to Radio Corporation of America. Electron ray indicating device. 2,317,460; Apr. 27.

- Hultquist, Martin E., North Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Producing nicotinamide. 2,313,843; Mar. 23.
- Hultquist, Martin E., Plainfield, and M. L. Crossley, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. N'-alkali metal-N, N'-dihalogenacyl-sulphanthalamides. 2,328,455; Aug. 31.
- Hulvey, Evelyn, Mount Crawford, Va. Making feather fabric. 2,335,011; Nov. 23.
- Humbach, Ralph H., and D. N. Utesch, assignors to The Speare Supply Company, Chicago, Ill. Laundry sour. 2,331,396; Oct. 12.
- Humbert, Louis J., Rhodella, Ky. Dispensing device. 2,326,359; Aug. 10.
- Hume, Gertrude E., Claremont, Calif. Educational shoe for children. 2,313,874; Mar. 16.
- Hume, Gertrude E., Claremont, Calif. Translucent bottom handbag. 2,334,410; Nov. 16.
- Hume Manufacturing Company. (See Reid, E. J., and Taylor, assignors.)
- Hume, Patrick H. (See Hibbschman, A. E., Kelly, and Hume.)
- Hume, Patrick H., Lakewood, Ohio, assignor to Carnegie-Illinois Steel Corporation. Reduction of elongated bodies. 2,332,796; Oct. 26.
- Hume, Patrick H., Lakewood, Ohio, assignor to Carnegie-Illinois Steel Corporation. Extensometer. 2,332,797; Oct. 26.
- Hume, Patrick H., Lakewood, Ohio, assignor to Carnegie-Illinois Steel Corporation. Extensometer. 2,333,804; Nov. 9.
- Hume Pipe Company (Australia) Limited. (See Hume, Walter R., assignor.)
- Hume, Walter R., Melbourne, Victoria, Australia. Apparatus for molding concrete slabs. 2,320,728; June 1.
- Hume, Walter R., assignor to Hume Pipe Company (Australia) Limited, Melbourne, Victoria. Coating and manufacture of pipes. 2,309,903; Feb. 2.
- Humes, Harold L. (See Monson, W. T., Humes, and Hermsdorf.)
- Humeston, Frederick L. (See Pugsley, E., and Humeston.)
- Humeston, Frederick L., assignor to Western Cartridge Company, New Haven, Conn. Repeating firearm. 2,308,283; Jan. 12.
- Hummel & Downing Company. (See Ethridge, Albert S., assignor.)
- Hummel, Herbert H., Glendale, Calif. Trellis support. 2,331,397; Oct. 12.
- Hummelchen, Wilhelm, Siegburg, Germany; vested in the Allen Property Custodian. Inking printing forms. 2,310,788; Feb. 9.
- Humoco Corporation. (See Moore, George A., assignor.)
- Humphner, Ferdinand W., Oak Park, assignor to Mid-States Gunned Paper Co., Chicago, Ill. Gunned bodies. 2,310,292; Feb. 9.
- Humphner, Ferdinand W., Oak Park, assignor to Mid-States Gunned Paper Co., Chicago, Ill. Decalcomania. 2,337,242; Dec. 21.
- Humphrey, George W., Spring Valley, Ohio. Lamp mounting. 2,335,676; Nov. 30.
- Humphrey, Homer D., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake mechanism. 2,317,194; Apr. 29.
- Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Resinous compositions and their production. 2,321,750; June 15.
- Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Lubricating composition. 2,323,471; July 6.
- Humphrey, James W., Claymont, assignor to American Viscose Corporation, Wilmington, Del. Coating compositions. 2,318,780; May 11.
- Humphrey, Richard B., Dallas, Tex. Driving aid for motorists. 2,334,411; Nov. 16.
- Humphrey, Robert G., Pelham, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Solder pellet easter device. 2,315,426; Mar. 30.
- Humphrey, Shelby B., Huntington Park, Calif. Traffic signal for motor vehicles. 2,318,690; May 11.
- Humphrey, Stanley M., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Welding circuit. 2,319,763; May 18.
- Humphrey, Stanley M., and M. M. A. Seeloff, assignors to The Taylor-Winfield Corporation, Warren, Ohio. Press welder construction. 2,313,941; Mar. 16.
- Humphrey, Walter E., assignor to Pennsylvania Rubber Company, Jeanette, Pa. Shuttlecock machine. 2,331,981; Oct. 19.
- Humphreys, Ellis, assignor to Mississippi Glass Company, St. Louis, Mo. Apparatus for studying illumination. 2,328,456; Aug. 31.
- Humphreys & Glasgow Limited. (See Cohen, Hugh T., assignor.)
- Humphreys, Hanna R., Weems, Va. Stuffing box. 2,329,050; Sept. 7.
- Humphreys, Ira B., Denver, Colo. Lubricated valve. 2,333,424; Nov. 2.
- Humphreys, Ivor E. (See Andersen, R. C., Humphreys, and Dannenberg, assignors.)
- Humphreys Manufacturing Company, The. (See Fensch, R. G., and White, assignors.)
- Humphreys, Robert L. (See Farrington, B. B., Humphreys, and Macdonald.)
- Humphries, William A., Stanford, Ky. Printing device. 2,314,828; Mar. 23.
- Humrichouse, Davis B. (See Humrichouse, Walter E. and D. B.)
- Humrichouse, Walter E. and D. B., assignors to The Air Gas Company, Baltimore, Md. Gaseous fuel generator. 2,323,274; June 29.
- Hungerford, Daniel C., Madison, assignor to Elastic Stop Nut Corporation, Union City, N. J. Manufacture of locking nuts. 2,318,397; May 4.
- Hungerford, Daniel C., Madison, assignor to Elastic Stop Nut Corporation, Elizabeth, N. J. Self locking nut. 2,318,398; May 4.
- Hunn, Edward B., Cranford, N. J., assignor to Stanco Incorporated. Atomizer. 2,332,798; Oct. 26.
- Hunn, Edward B., Cranford, and Anton Harmsen, Elizabeth, N. J., assignors to Stanco Incorporated. Atomizer. 2,332,799; Oct. 26.
- Hunn, Herbert L., and A. P. Vastola, assignors to John E. Smith's Sons Company, Buffalo, N. Y. Sausage stuffer. 2,309,345; Jan. 26.
- Hunn, James V., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Manufacture of the phenol-aldehyde type of resins. 2,330,217; Sept. 28.
- Hunn, James V., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Manufacture of resin surfaced wood. 2,330,826; Oct. 5.
- Hunna, Emerich, executor. (See Lillienfeld, Leon.)
- Hunsdorf, William P., Cleveland, Ohio. Electric motor. 2,309,904; Feb. 2.
- Hunsicker, Clyde L. (See Horn, Robert S., assignor.)
- Hunsicker, Frederick E., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Producing molded products. 2,329,051; Sept. 7.
- Hunt, Charles C., Utica, Ohio. Steering trailer. 2,312,640; Mar. 2.
- Hunt, George M., G. C. McNaughton, and T. J. Martin, Madison, Wis., dedicated to the free use of the people in the territory of the United States. Wooden panel. 2,332,081; Oct. 19.
- Hunt, Grover C. (See Hoffman, Philip R., assignor.)
- Hunt, Grover C., Carlisle, Pa. Workholder for grinding machines. 2,309,080; Jan. 19.
- Hunt, Grover C., Carlisle, Pa. Grinding machine. 2,314,787; Mar. 23.
- Hunt, Harold L., New York, N. Y. Land mine. 2,328,276; Aug. 31.
- Hunt, Harold L., New York, N. Y. Bomb. 2,328,277; Aug. 31.
- Hunt, Hilland G., Natick, Mass. Vacuum cleaner. 2,331,692; Oct. 12.
- Hunt, John B., Penylan, Cardiff, Wales. Skid fender for use in the launching of ships' life boats. 2,332,225; Oct. 19.
- Hunt, John O., Ware Shoals, S. C., assignor to Ware Shoals Manufacturing Co., New York, N. Y. Control mechanism. 2,311,394; Feb. 16.
- Hunt, John O., Ware Shoals, S. C., assignor to Ware Shoals Manufacturing Co., New York, N. Y. Method and apparatus for making absorbent pads. 2,322,692; June 22.
- Hunt, Joseph A., and A. E. Moreillon, assignors to The Heywood Compressor Company Limited, Redditch, England. Bellows operated mechanism. 2,335,762; Nov. 30.
- Hunt, Kenneth E. (See Schellhammer, H. J., and Hunt.)
- Hunt, Laurence A. (See Calkins, C. C., and Hunt.)
- Hunt, Laurence A. (See Domress, H., Calkins, and Hunt.)
- Hunt, Madison, and J. E. Kirby, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Linear polymeric amidine salts. 2,310,769; Feb. 9.
- Hunt, Osben D. (See Coleman, R. H., and Hunt.)
- Hunt, Rodney, Machine Company. (See Jones, Bliss M. and Streeter, assignors.)
- Hunt, Rodney, Machine Company. (See Simonds, Warren J., assignor.)
- Hunt, Seymour, Flushing, N. Y., assignor to Radio Corporation of America. Frequency modulation detector. 2,316,863; Aug. 20.
- Hunt, Seymour, Flushing, N. Y., assignor to Radio Corporation of America. Frequency modulation detector. 2,323,603; July 6.
- Hunt, Seymour, Flushing, N. Y., assignor to Radio Corporation of America. Frequency modulated carrier wave receiver circuit. 2,337,392; Dec. 21.
- Hunt, Sylvester H., New Port Richey, Fla., assignor to Farmers Incorporated, Norfolk, Va. Basket manufacture. 2,315,427; Mar. 30.
- Hunt, Thomas B., Greenville, S. C., assignor to A. B. Carter, Inc., Gastonia, N. C. Ring traveler. 2,312,098; Feb. 23.
- Hunt, William D., assignor to Crankshaft Machine Company, Jackson, Mich. Crankshaft lathe. 2,312,248; Feb. 23.
- Hunt, William H., National City, Calif., assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Filleting machine. 2,325,680; Aug. 3.
- Hunter, Archibald S., Kennmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn preparation. 2,316,245; Apr. 13.

- Hunter, Archibald S., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of textile yarn. 2,328,074; Aug. 31.
- Hunter, David U., Cranford, and V. T. Moore, Glen Rock, N. J., and J. Modrovsky, New York, N. Y., assignors to Wright Aeronautical Corporation. Angle drive transmission. 2,326,860; Aug. 17.
- Hunter, Donald P., Los Angeles, assignor to Turco Products, Inc., Los Angeles County, Calif. Spray device. 2,322,296; Aug. 24.
- Hunter, Frederick L., Lake Bluff, assignor to Fansteel Metallurgical Corporation, North Chicago, Ill. Purification of liquids by distillation. 2,330,057; Sept. 21.
- Hunter, George F., Woodbridge, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Antistatic photographic package. 2,327,713; Aug. 24.
- Hunter, James, Machine Company, The. (See Morrill, Frank B., assignor.)
- Hunter, John S., Oak Park, Ill., assignor to American Can Company, New York, N. Y. Fluxing device. 2,313,751; Mar. 16.
- Hunter, Joseph L., Riverside, Calif., assignor to Acme Steel Company, Chicago, Ill. Method of and apparatus for stretching metal strips. 2,337,047; Dec. 21.
- Hunter, Ralph W., Neptune Beach, Fla. Pavement. 2,309,593; Jan. 26.
- Hunter, Richard B., Shorewood, Wis., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Crane limit switch. 2,313,995; Mar. 16.
- Hunter, Richard B., Shorewood, and H. L. Mekeburg, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Rotary electric switch. 2,307,373; Jan. 5.
- Hunter, Richard B., Shorewood, and H. L. Mekeburg, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controlling device. 2,318,488; May 4.
- Hunter, Robert H., Cleveland, Ohio. Photographing unit. 2,314,829; Mar. 23.
- Hunter, Robert H., Cleveland, Ohio. Tent. 2,314,830; Mar. 23.
- Hunter, Rutherford H. (See Schelling, J. C., Hunter, Housekeeper, and Calhoun.)
- Hunter, Samuel A. (See Young, Samuel D., assignor.)
- Hunter Sash Company. (See Collieran, Thomas J., assignor.)
- Hunter, Walker F., Jr. (See Fardyeo, C. R., and Hunter.)
- Hunter, Willson H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Inflation apparatus. 2,327,046; Aug. 17.
- Hunting, Arthur J., Eureka, Calif. Bathtub structure. 2,311,044; Mar. 16.
- Huntington, Richard L., Norman, Okla., assignor to Phillips Petroleum Company. Apparatus for measuring volume of bottom hole portion of well bores. 2,314,540; Mar. 23.
- Huntington, Sidney O., Scotia, N. Y., assignor to General Electric Company. Hydraulic coupling. 2,307,506; Jan. 5.
- Huntley, George J., and E. Rolker, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Mechanism for marking containers. 2,316,517; Apr. 13.
- Huntley, Roy A., Seattle, Wash. Conveyor. 2,337,200; Dec. 21.
- Huntton, Cullen L., assignor to Landis Machine Company, St. Louis, Mo. Heated press. 2,318,399; May 4.
- Hunziker, Fred, assignor to The Weatherhead Company, Cleveland, Ohio. Forming method. 2,311,662; Feb. 23.
- Hunziker, Fred, assignor to The Weatherhead Company, Cleveland, Ohio. Hose coupling. 2,311,663; Feb. 23.
- Huppert, Oskar, Chicago, Ill., assignor to The Glidden Company, Cleveland, Ohio. Treatment of artificial protein films and filaments. 2,309,113; Jan. 26.
- Huppert, William, New York, N. Y. Electrical outlet. 2,316,167; Apr. 13.
- Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Comb. 2,316,335; Apr. 13.
- Hurd, Ira S., Jenkintown, assignor to Rühm & Haas Company, Philadelphia, Pa. Glazing fabric. 2,314,277; Mar. 16.
- Hurd, Loren C. (See Wadman, W. V., and Hurd.)
- Hurlbut, John, assignor to Eastman Kodak Company, Rochester, N. Y. Metering pump. 2,313,551; Mar. 9.
- Hurlleman, Walter. (See Weightman, W. A., and Hurlleman.)
- Hurley, Earl H., Emporium, Pa. Portable climber. 2,330,288; Sept. 28.
- Hurley, John R., Wheaton, and J. P. Beattie, Oak Park, assignors to Electric Household Utilities Corporation, Chicago, Ill. Control for washing machines. 2,311,545; Feb. 16.
- Hurley, Joseph M., St. Paul, Minn. Letter file. 2,321,682; June 15.
- Hurley, Roy T. (See Brieche, A., Hurley, and Merritt.)
- Hurley, Roy T., Dobbs Ferry, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Projectile. 2,310,915; Feb. 9.
- Hürlimann, Ernst, assignor to Johann Hürlimann, Wil, Switzerland. Implement for working the soil. 2,330,586; Sept. 28.
- Hürlimann, Johann. (See Hürlimann, Ernst, assignor.)
- Hurlston, George J., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Electroplating apparatus. 2,325,401; July 27.
- Hurrey, Ross C., New York, N. Y., and R. T. Adams, Battle Creek, Mich.; said Hurrey assignor, by mesne assignments, to International Paper Company, New York, N. Y. Shipping container. 2,326,947; Aug. 17.
- Hurst, H. H. (See Roach, V. S., and Gray, assignors.)
- Hurst, Ira N. (See Hansen, W. L., and Hurst.)
- Hurst, Ira N. (See Hansen, W. L., Hurst, and Johnson.)
- Hurst, Max, Stuttgart, and A. Schweizer, Vaihingen-on-the-Filders, Germany; vested in the Alien Property Custodian. Temperature responding device. 2,308,922; Jan. 19.
- Hurt, Victor H., Cranston, R. I., assignor to United States Rubber Company, New York, N. Y. Table tennis racket. 2,311,546; Feb. 16.
- Hurt, Victor H., Cranston, R. I., assignor to United States Rubber Company, New York, N. Y. Water toboggan. 2,327,794; Aug. 24.
- Huriel, William W. (See Zimmermann, Maximilian E.)
- Hurum, Fredrik, Trondheim, Norway; vested in the Alien Property Custodian. Internal combustion engine. 2,313,017; Mar. 2.
- Hurup, Rolf, Minneapolis, Minn. Accountant's apparatus. 2,311,052; Feb. 16.
- Huscher, Myron E. (See Britton, E. C., Nutting, Huscher, and Sexton.)
- Huse, Hiram N., Providence, R. I. Method of and apparatus for winding spheres. 2,311,339; Feb. 16.
- Huss, Richard, Frankfurt-on-the-Main, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Process of producing fast dyes on fibrous materials. 2,321,816; June 15.
- Hussey, Russell B., and C. K. Jones, Springfield, Mass. Apparatus for processing sensitized sheets. 2,312,647; Mar. 2.
- Hussman, Carl, Chicago, Ill. Hydraulic vibration and shock absorber. 2,319,735; May 18.
- Hussman-Ligonier Company. (See McMillan, William B., assignor.)
- Hussman-Ligonier Company. (See Lotto, Erich E., assignor.)
- Husta, Philip, Great Neck, and W. O. Wagensell, Pelham, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Panel selector. 2,318,159; May 4.
- Husted, George E., San Francisco, Calif. Clamp. 2,317,195; Apr. 20.
- Husted, George E., San Francisco, Calif. Combination strut. 2,317,196; Apr. 20.
- Husted, Harry A., assignor to The Standard Products Company, Detroit, Mich. Gas mask facepiece. 2,326,650; Aug. 10.
- Husted, Harry A., assignor to The Standard Products Company, Detroit, Mich. Exhalation valve structure for protective masks. 2,326,651; Aug. 10.
- Huston, Claude B., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,329,538; Sept. 14.
- Huston, Tom, Miami, Fla. Liquid dispenser. 2,307,044; Jan. 5.
- Huston, Victor S., McGuffey, Ohio. Belt type conveyer. 2,335,417; Nov. 30.
- Huston, William M., Lima, Ohio. High gantry for load-handling machines. 2,335,858; Dec. 7.
- Husty, Stephen A. (See Vilter, E. F., and Husty.)
- Hutaft, George H., Jr. (See Foley, Fred C., assignor.)
- Hutaft, George H., Jr. (See Maihack, Herman J., assignor.)
- Hutaft, George H., Jr., Wilmington, N. C. Skate. 2,309,394; Jan. 26.
- Hutaft, George H., Jr., Wilmington, N. C. Bottle carrier. 2,309,395; Jan. 26.
- Hutaft, George H., Jr., Wilmington, N. C. Bottle cap. 2,321,297; June 8.
- Hutaft, George H., Jr., Wilmington, N. C. Bottle cap remover. 2,330,893; Oct. 5.
- Hutaft, George H., Jr., Wilmington, N. C. Bottle carrier. 2,337,243; Dec. 21.
- Hutcheson, Raymond D., New York, N. Y., assignor to Radio Corporation of America. Square wave generator. 2,315,374; Mar. 30.
- Hutcheson, John A., Catonsville, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for vibration testing. 2,326,033; Aug. 3.
- Hutcheson, John A., Catonsville, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ultrahigh frequency resonator. 2,331,193; Oct. 5.
- Hutcheson, John A., and R. Lee, Catonsville, Md., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Constant voltage rectifier. 2,315,619; Apr. 6.
- Hutchings, Edward W., Perry, Fla. Bottle carrier and separator therefor. 2,334,197; Nov. 16.
- Hutchings, Edward W., Perry, Fla. Bottle carrying box. 2,334,198; Nov. 16.
- Hutchings, Edward W., Perry, Fla. Combined carrying handle and separator for bottle carriers. 2,335,859; Dec. 7.
- Hutchings, Joseph L., Newark, N. J., assignor to Brosites Machine Company, Inc., New York, N. Y. Method and device for shredding materials. 2,309,594; Jan. 26.
- Hutchins, Hugh A., Arcadia, Calif. Power unit. 2,312,552; Mar. 2.

- Hutchins, Leslie W., Waban, Mass., assignor to Standard Oil Development Company. Manufacture of paper. 2,332,226; Oct. 19.
- Hutchinson, Arthur J. L., assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Treatment of gases and vapors. 2,336,097; Dec. 7.
- Hutchinson, Charles, Kamloops, British Columbia, Canada. Paper punch. 2,327,846; Aug. 27.
- Hutchinson, Charles L., and G. R. Eckstein, Buffalo, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for making sheet wrapping material. 2,311,755; Feb. 23.
- Hutchinson, Charles W., Milwaukee, Wis. Lead pointing device. 2,329,104; Jan. 25.
- Hutchinson, Fenton F., assignor to Kohler & Chase, San Francisco, Calif. Alternator and control system therefor. 2,320,602; June 1.
- Hutchinson, Frederick M. (See Meyer, John, assignor.)
- Hutchinson, Robert H., Dallas, Tex. Grille construction. 2,325,402; July 27.
- Hutchinson, W. H., & Son, Inc. (See Domke, Fred E., assignor.)
- Hutchinson, Willis S. (See Ferrar, C. G., and Hutchinson.)
- Hutchinson, Willis S., St. Paul, Minn., and D. K. Mechem, Albany, Calif., assignors to The Matheson Alkali Works, Inc., New York, N. Y. Manufacture of chlorine dioxide. 2,309,457; Jan. 26.
- Hutchison, George H., Kansas City, Mo. Assembler mechanism of type casting machines. 2,320,932; June 1.
- Hutchison, Harold W., Miami, Fla. Puzzle. 2,317,273; Apr. 20.
- Hutchison, Miller R., New York, N. Y., assignor to Mock-Up Incorporated. Producing accurate replicas and product. 2,311,547; Feb. 16.
- Hutchison, Miller R., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Burnishing screw stick heads. 2,322,024; June 15.
- Hutchison, Miller R., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Film spool holder. 2,324,086; July 13.
- Hutchison, Miller R., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Automatic screw driver. 2,327,795; Aug. 24.
- Hutchison, Miller R., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Automatic screw driver. 2,327,796; Aug. 24.
- Hutchison, Miller R., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Folding camera. 2,327,797; Aug. 24.
- Hutchison, Miller R., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Liquid flow meter. 2,335,791; Nov. 9.
- Huthising, Charles K., Grosse Pointe, Mich. Fire extinguisher construction. 2,326,861; Aug. 17.
- Huthising, Charles K., Grosse Pointe, Mich. Fire hose. 2,329,836; Sept. 21.
- Huthising, Leo B., assignor to Machinery Manufacturing Co., Los Angeles, Calif. Micrometer stop. 2,318,691; May 11.
- Hutton, Lester E. (See Heinick, Frederick R., assignor.)
- Hutt, Arthur R., Thomaston, Conn., assignor to General Time Instruments Corporation, New York, N. Y. Timing mechanism. 2,310,527; Feb. 9.
- Hutt, Philip, Milford, Conn., assignor General Electric Company. Remote control switch. 2,324,844; July 20.
- Hutt, Philip, Milford, Conn., assignor to General Electric Company. Receptacle for electric wiring systems. 2,326,533; Aug. 10.
- Hutt, Philip, Milford, Conn., assignor to General Electric Company. Electric switch. 2,334,007; Nov. 9.
- Hutt, Raymond F., Fort Madison, Iowa. Flare mounting. 2,308,366; Jan. 12.
- Hutton, Henry B., Detroit, Mich., assignor to The Ruberoid Co., New York, N. Y. Sound damping insulation and manufacture. 2,320,737; June 1.
- Hutter, William H. (See Beindorf, Lucien J., assignor.)
- Hutterer, Simon, New York, N. Y. Combination valve, trainer, and preacher. 2,337,893; Dec. 28.
- Huttinger, William R., Lansdowne, Pa. High voltage switch. 2,315,428; Mar. 30.
- Huttinger, William R., Lansdowne, Pa. High speed drive. 2,315,429; Mar. 30.
- Hutton, Alfred L., Jr., Lonsdale, I. H. C. Green, and E. St. Pierre, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Pattern means for knitting machines. 2,323,998; July 13.
- Hutton, Frank E., Mount Lebanon, Pa., assignor to The Babcock & Wilcox Company, Newark, N. J. Steam generator. 2,309,114; Jan. 26.
- Hutton, Lionel A. B., Ottawa, Ontario, Canada. Rock drill. 2,307,507; Jan. 5.
- Hutton, Lionel A. B., Ottawa, Ontario, Canada. Rock drill. 2,336,098; Dec. 7.
- Hutton, Lionel A. B., Ottawa, Ontario, Canada. Rock drill. 2,336,935; Dec. 14.
- Hutton, William, Monterey, Calif., assignor to Seapride Packing Corporation, Ltd. Filletting fish. 2,311,176; Feb. 16.
- Hutton, William, Monterey, Calif., assignor to Seapride Packing Corporation, Ltd. Apparatus for filletting fish. 2,321,086; June 8.
- Hutton, William E., Dickson, Tenn. Spring frame assembly. 2,321,817; June 15.
- Hutzel, John M. (See Jennings, H. E., and Hutzel.)
- Huyett, Robert B., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,309,115; Jan. 26.
- Huyett, Robert B., and C. M. Gossard, assignors to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,337,048; Dec. 21.
- Huyton, Alfred. (See Scott-Iversen, P. A., and Huyton.)
- Hvid, Rasmus M., Wilmette, Ill. Forced vortex balancing apparatus. 2,313,644; Mar. 9.
- Hvid, Rasmus M., Wilmette, assignor to E. A. McMurtry, Chicago, Ill. Control mechanism. 2,334,328; Nov. 16.
- Hyoselt, Fredrik W., Kohler, Wis. Flue door shield. 2,310,699; Feb. 9.
- Hyatt, Elmer, Cleveland, Ohio. Knife. 2,316,246; Apr. 13.
- Hyatt, Louis C., Albany, and E. Heyman, Hampton Manor, assignors to Consolidated Car-Heating Company, Inc., Albany, N. Y. Hydraulic system for motor vehicles. 2,318,610; May 11.
- Hyde, Frank P., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Press. 2,332,640; Oct. 26.
- Hyde, Herschel Y., Associated, C. K. Vland, Martinez, and L. S. Galstain, assignors to Tide Water Associated Oil Company, San Francisco, Calif. Treatment of hydrocarbon gases. 2,314,217; Mar. 16.
- Hyde, James F., Corning, N. Y., assignor to Owens-Corning Fiberglass Corporation. Treating glass fibers. 2,315,259; Mar. 30.
- Hyde Manufacturing Company. (See Bingley, Harry G., assignor.)
- Hydraulic Brake Company. (See Fowler, Owen H., assignor.)
- Hydraulic Brake Company. (See Loweke, Erwin F., assignor.)
- Hydraulic Brake Company. (See Miller, Raymond J., assignor.)
- Hydraulic Brake Company. (See Swift, Harvey C., assignor.)
- Hydraulic Brake Company. (See Swift, John P., assignor.)
- Hydraulic Controls, Inc. (See Dodge, Parker, assignor.)
- Hydraulic Controls, Inc. (See Huber, Matthew W., assignor.)
- Hydraulic Controls, Inc. (See Townsley, Elias P., assignor.)
- Hydraulic Couplings Patents Limited. (See Sinclair, H., and Clerk, assignors.)
- Hydraulic Development Corp., Inc., The. (See Bench, D. E., Crosby and Toulmin, assignors.)
- Hydraulic Development Corp., Inc., The. (See Crosby, Melvin A., assignor.)
- Hydraulic Development Corporation. (See Cross, David, assignor.)
- Hydraulic Development Corporation, The. (See Ernst, Walter, assignor.)
- Hydraulic Development Corporation, The. (See Ernst, W., and Lawyer, assignors.)
- Hydraulic Development Corporation, The. (See Flowers, Paul E., assignor.)
- Hydraulic Development Corporation, Inc., The. (See Muller, Johan A., assignor.)
- Hydraulic Development Corporation, The. (See Muller, J. A., and Lawyer, assignors.)
- Hydraulic Development Corporation, The. (See Riddle, William J., assignor.)
- Hydraulic Development Corp. (See Thoreson, R., and Ernst, assignors.)
- Hydraulic Development Corp. Inc. (See Tucker, Warren H., assignor.)
- Hydraulic Development Corporation, Inc., The. (See Tucker, W. R., and Walde, assignors.)
- Hydraulic Machinery, Inc. (See Lehmann, Albert F., assignor.)
- Hydril Company. (See Stone, Albert L., assignor.)
- Hydro-Blast Corporation, The. (See Webster, Ronald, assignor.)
- Hydrocarbon Synthesis Corporation. (See Schaller, P., Froelcke, Meyer, Roelen, and Luben, assignors.)
- Hydrojet Corporation, The. (See Boeckeler, Benjamin C., assignor.)
- Hydronaphene Corporation, The. (See Hentrich, W., Kirstahler, and Kaiser, assignors.)
- Hydro Silica Corporation. (See Schulz, Harold A., assignor.)
- Hygean Corporation. (See Eckhardt, Walter L., assignor.)
- Hyland, Daniel F., H. L. Brenner, J. Brenner, and E. M. Knudsen, assignors to Arch-O-Graph Company, St. Louis, Mo. Machine for making lift blanks. 2,314,541; Mar. 23.
- Hyland, Daniel F., J. C. Stiles, H. L. Brenner and J. Brenner, assignors to Arch-O-Graph Company, St. Louis, Mo. Apparatus for fitting shoes to feet. 2,317,913; Apr. 27.
- Hyland, Daniel F., J. C. Stiles, and H. L. and J. Brenner, St. Louis, Mo., assignors, by mesne assignments, to Arch-O-Graph Company. Apparatus for fitting shoes to feet. 2,323,538; July 6.

- Hyland, Daniel F., J. C. Stiles, and H. L. and J. Brenner, assignors to Arch-O-Graph Company, St. Louis, Mo. Fitting shoes to feet. 2,323,539; July 6.
- Hyland, Daniel F., J. C. Stiles, and H. L. and J. Brenner, assignors to Arch-O-Graph Company, St. Louis, Mo. Foot modeling device. 2,323,540; July 6.
- Hyland, Daniel F., J. C. Stiles, St. Louis, H. L. Brenner, Webster Groves, and J. Brenner, assignors to Arch-O-Graph Company, St. Louis, Mo. Lift-blank and holder therefor. 2,323,541; July 6.
- Hyland, Edward P., et al. (See Moerk, F. N., and Eisenberg, assignors.)
- Hyland, William A., Horicon, Wis., assignor to Deere & Company, Moline, Ill. Lister. 2,318,224; May 4.
- Hyland, William A., assignor to The Van Brunt Manufacturing Company, Horicon, Wis. Grain drill. 2,323,044; June 29.
- Hyland, William A., assignor to The Van Brunt Manufacturing Company, Horicon, Wis. Clutch mechanism. 2,336,099; Dec. 7.
- Hyland, William A., and R. R. Borngraeber, assignors to The Van Brunt Manufacturing Company, Horicon, Wis. Grain drill. 2,308,081; Jan. 12.
- Hyland, William A., and R. R. Borngraeber, Horicon, Wis., assignors to Deere & Company, Moline, Ill. Retractable support. 2,309,618; Jan. 26.
- Hyland, William M., Flint, Mich. Ball bearing equalizing table slide. 2,323,604; July 6.
- Hylan, Gunnar B., Los Angeles, Calif. Toothbrush holder. 2,309,116; Jan. 26.
- Hyler, Lotell L., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Tracing hanger. 2,324,582; July 20.
- Hyman, Benjamin M. (See Mitchell, M. J., and Hyman.)
- Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Tractor mounted picker sheller. 2,318,400; May 4.
- Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Corn picker. 2,320,135; May 25.
- Hyman, Benjamin M., Moline, Ill., assignor to International Harvester Company. Coupling implements to tractors. 2,335,942; Dec. 7.
- Hyman, Benjamin M., Moline, Ill., and R. C. Ferguson, La Porte, Ind., assignors to International Harvester Company. Corn picker. Re. 22,279; Mar. 2.
- Hyman, Henry. (See Muldoon, Bernard F., assignor.)
- Hyman, Julius, assignor to Velsicol Corporation, Chicago, Ill. Catalytic material. 2,331,473; Oct. 12.
- Hyman, Morris J., Philadelphia, Pa. Combined strap and fastener. 2,310,434; Feb. 9.
- Hynson, Westcott & Dunning. (See Brewer, John H., assignor.)
- Hynson, Westcott & Dunning, Incorporated. (See Drake, William E., assignor.)
- Hyodo, Masaaki, Yokohama, Japan, assignor to General Electric Company. Electric circuit. 2,333,010; Oct. 26.
- Hyslop, Christopher G. T. (See Smithson, W., and Hyslop.)
- Hysoun, John A., Merwood Park, and J. H. Kerrick, assignors to The Philadelphia and Reading Coal and Iron Company, Philadelphia, Pa. Fuel mixture. 2,328,147; Aug. 31.
- Hyster, Williamette, Company. (See Dimick, Henry M., assignor.)
- I. T. E. Circuit Breaker Company. (See Jensen, Otto, assignor.)
- I. T. E. Circuit Breaker Company. (See Pokorny, Frank J., assignor.)
- I. T. E. Circuit Breaker Company. (See Scott, William M., Jr., assignor.)
- Iams, Harley A., Berkeley Heights, N. J., assignor to Radio Corporation of America. Electronic device. 2,322,361; June 22.
- Iams, Harley A., Summit, N. J., assignor to Radio Corporation of America. Electron discharge device and system. 2,322,807; June 29.
- Iams, Harley A., Summit, and A. Rose, East Orange, N. J., assignors to Radio Corporation of America. Television transmitting system. 2,324,504; July 20.
- Iams, Harley A., Summit, and A. Rose, East Orange, N. J., assignors to Radio Corporation of America. Television transmitting tube and electrode structure. 2,324,505; July 20.
- Iavelli, Teno. (See Neracher, C. A. Dunn, Iavelli, and Syrov.)
- Iavelli, Teno. (See Neracher, C. A., Syrov, Dunn, Iavelli, and Bucy.)
- Iavelli, Teno. (See Neracher, C. A., Dunn, Syrov, Iavelli, Bucy, and Schotz.)
- Iavelli, Teno. (See Neracher, C. A., Patterson, Iavelli, Bucy, Syrov, and Baker.)
- Ibáñez, Francisco R., Mexico City, Mexico. Mechanism for transmitting power. 2,312,908; Mar. 2.
- Ibach, Emil, Chicago, Ill. Receptacle and hinge therefor. 2,308,284; Jan. 12.
- Ibarra, Angel C., Villa Alvaro Obregon, Mexico. Fingerprint guard. 2,337,244; Dec. 21.
- Ickes, Howard C., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Rubber valve stem. 2,308,952; Jan. 19.
- Ide, Hans. (See Grunert, S., and Ide.)
- Ideal Aeroplane & Supply Co. (See Bowen, B., and Houghton, assignors.)
- Ideal Clamp Manufacturing Co. (See Zaleske, Michael J., assignor.)
- Ideal Commutator Dresser Company. (See Hennessy, John A., assignor.)
- Ideal Novelty & Toy Co. (See Weinstein, Louis A., assignor.)
- Ideal Power Lawn Mower Company. (See Sherer, J. S., Jr., and Richards, assignors.)
- Ideal Seating Company. (See Gedris, Stanley J., assignor.)
- Ifitger, William C., Sr., Santa Fe Springs, Calif. Coupling. 2,327,714; Aug. 24.
- Ignace, Lionel R. (See Gratzmüller, J. L., and Ignace.)
- Ikert, Bruno M., Elgin, Ill., assignor to Warner-Patterson Company, Chicago, Ill. Apparatus for determining fluid pressure. 2,326,652; Aug. 10.
- Ikert, Bruno M., Elgin, assignor to Warner-Patterson Company, Chicago, Ill. Fuel line testing. 2,333,252; Nov. 2.
- Iknayan, Alfred N., Indianapolis, Ind., assignor to United States Rubber Company, New York, N. Y. Manufacturing puncture sealing inner tubes. 2,332,913; Oct. 26.
- Iler, Ralph K. (See Wallace, E. H., and Iler.)
- Iler, Ralph K., East Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of fluosulphonates. 2,312,413; Mar. 2.
- Iler, Ralph K., East Cleveland, and H. E. Hanthorn, Cleveland Heights, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing water-repellent polysaccharides and product. 2,307,045; Jan. 5.
- Ilex Optical Company. (See Brueck, Theodore M., assignor.)
- Ilford Limited. (See Kendall, John D., assignor.)
- Ilford Limited. (See Kendall, J. D., and Collins, assignors.)
- Ilford Limited. (See Kendall, J. D., and Fry, assignor.)
- Ilford Limited. (See Kendall, J. D., and Majer, assignors.)
- Ilford Limited. (See Tasker, Harwicke S., assignor.)
- Ilg Electric Ventilating Company. (See Lagodzinski, Harry J., assignor.)
- Ilg, Grover F., assignor to The Airetool Mfg. Company, Springfield, Ohio. Apparatus for removing material from containers. 2,320,933; June 1.
- Iliff, George S., assignor to Joyce, Inc., Pasadena, Calif. Preparing pads for shoes. 2,313,552; Mar. 9.
- Illiano, Arthur, Waterbury, Conn. Emergency tire lighting apparatus. 2,325,403; July 27.
- Illinois Testing Laboratories, Inc. (See Boyle, John R., assignor.)
- Illinois Testing Laboratories, Inc. (See Breitenstein, Victor W., assignor.)
- Illinois Tool Works. (See Hanneman, Walter M., assignor.)
- Illinois Tool Works. (See Olson, Carl G., assignor.)
- Illinois Tool Works. (See Poupitch, Ouglesja J., assignor.)
- Illinois Tool Works. (See Rees, Clarence A., assignor.)
- Illmer, Louis, Cortland, N. Y. Protective journal bearing means. 2,309,397; Jan. 26.
- Illmer, Louis, and V. R. Pallas, Cortland, N. Y. Abrasive machine. 2,316,586; Apr. 13.
- Illmer, Louis, and V. R. Pallas, Cortland, N. Y., said Pallas, assignor to Leota T. Pallas, Grinder machine for strip stock or the like. 2,320,142; May 25.
- Illmer, Louis, and V. R. Pallas, Cortland, N. Y., said Pallas assignor to Leota T. Pallas. Wire-making process. 2,329,376; Sept. 14.
- Iltsche, Arthur, Rye, N. Y. Fastener for garments and other articles. 2,311,231; Feb. 16.
- Imber, Jack, Farnham Common, England. Safety device for aerial bombs. 2,335,763; Nov. 30.
- Imbert, Roger. (See Anxionnaz, R., and Imbert.)
- Imbt, Herbert. (See Blair, J. I., and Imbt.)
- Imelmann, Henry L., assignor to Permo Products Corporation, Chicago, Ill. Abrading machine. 2,307,467; Jan. 5.
- Imes, Harold E., Ironton, Ohio, assignor to Semet-Solway Company, New York, N. Y. Discharge apparatus. 2,329,377; Sept. 14.
- Imperato, Vincent, Garfield, N. J. Power transmission apparatus. 2,326,948; Aug. 17.
- Imperial Brass Manufacturing Company, The. (See Franck, George E., assignor.)
- Imperial Brass Manufacturing Company, The. (See Kellem, Edgar E., assignor.)
- Imperial Brass Manufacturing Company, The. (See McIntosh, Robert D., assignor.)
- Imperial Brass Manufacturing Company, The. (See Warwick, Charles F., assignor.)
- Imperial Brass Manufacturing Company, The. (See Yelinek, Gustav H., assignor.)
- Imperial Chemical Industries Limited. (See Arnold, Michael H. M., assignor.)
- Imperial Chemical Industries Limited. (See Ashcroft, Donald G., assignor.)
- Imperial Chemical Industries Limited. (See Baldwin, A. W., and Rogers, assignors.)

- Imperial Chemical Industries Limited. (See Björkman, John A., assignor.)
- Imperial Chemical Industries Limited. (See Booth, William E., assignor.)
- Imperial Chemical Industries Limited. (See Burchill, John, assignor.)
- Imperial Chemical Industries Limited. (See Crawford, J. W. C., and McLeish, assignors.)
- Imperial Chemical Industries Limited. (See Cusa, Noel W., assignor.)
- Imperial Chemical Industries Limited. (See Davidson, A., Chapman, McQueen, and Payman, assignors.)
- Imperial Chemical Industries Limited. (See Franklin, R. G., and Wilkins, assignors.)
- Imperial Chemical Industries Limited. (See Gates, William E. F., assignor.)
- Imperial Chemical Industries Limited. (See Gomm, Albert S., assignor.)
- Imperial Chemical Industries Limited. (See Greenhalgh, R., and Piggett, assignors.)
- Imperial Rayon Corporation. (See Gulbrandsen, S., Sorin, and Traut, assignors.)
- Imperial Chemical Industries Limited. (See Hagood, Bernard J., assignor.)
- Imperial Chemical Industries Limited. (See Hardacre, Richard W., assignor.)
- Imperial Chemical Industries Limited. (See Howard, C. F., and Wright, assignors.)
- Industrial Patents Corporation. (See Ingle, James D., assignor.)
- Imperial Chemical Industries Limited. (See Kirkbride, Frederick W., assignor.)
- Industrial Rayon Corporation. (See Kilne, H. B., Fryer, and Samerdyke, assignors.)
- Industrial Chemical Corporation. (See Koonz, C. H., and Ingle, assignors.)
- Imperial Chemical Industries Limited. (See Lefebvre, Victor, assignor.)
- Imperial Chemical Industries Limited. (See Marriott, G. J., and Saunders, assignors.)
- Imperial Chemical Industries, Limited. (See McGill, John H., assignor.)
- Imperial Chemical Industries Limited. (See McLean, Andrew, assignor.)
- Imperial Chemical Industries Limited. (See Mitchell, Joseph A. M. W., assignors.)
- Imperial Chemical Industries Limited. (See Morgan, Leslie B., and W. M., assignors.)
- Imperial Chemical Industries Limited. (See Renfrew, A., and Davison, assignors.)
- Imperial Chemical Industries Limited. (See Rosson, Charles S., assignor.)
- Imperial Chemical Industries Limited. (See Smith, T. A., and Thompson, assignors.)
- Imperial Chemical Industries Limited. (See Talbot, Geoffrey W., assignor.)
- Imperial Chemical Industries Limited. (See Tatum, William W., assignor.)
- Imperial Chemical Industries, Limited. (See Taylor, W., and Jones, assignors.)
- Imperial Chemical Industries Limited. (See Tyerman, William, assignor.)
- Imperial Chemical Industries Limited. (See Waldén, J., and Sundgren-Waldén, née Sundgren, assignors.)
- Imperial Chemical Industries Limited. (See Whittaker, Donald, assignor.)
- Imperial Glass Corporation. (See Gustkey, Carl W., assignor.)
- Imperial Knife Company. (See Mirando, Michael A., assignor.)
- Imperial Paper & Color Corporation. (See Buck, A. W., and Finch, assignors.)
- Imperial Paper and Color Corporation. (See Huckle, W. G., and Polzer, assignors.)
- Imperial Rayon Corporation. (See Mothwurf, Arthur F. E., assignor.)
- Imperial Tobacco Company of Canada, Limited. (See Van Sickle, John H., assignor.)
- Independent Aluminum Corporation. (See Loevenstein, Hirsch, assignor.)
- Independent Lock Company. (See Gutman, Louis, assignor.)
- Independent Pneumatic Tool Company. (See Forss, Frithiof P., assignor.)
- Independent Pneumatic Tool Co. (See Gillerstrom, Hilmer, assignor.)
- Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Lapping machine. 2,308,976; Jan. 19.
- Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Duplex lapping machine. 2,311,185; Feb. 16.
- Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Lapping machine. 2,315,859; Apr. 6.
- Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Honing apparatus. 2,318,831; May 11.
- Indian Motorcycle Company. (See du Pont, S. and B. B., assignors.)
- Indian Motorcycle Company. (See Weaver, George B., assignor.)
- Indiana Condensed Milk Company. (See Kennedy, Alex R., assignor.)
- Indiana University Foundation. (See Mazzini, Louis Y., assignor.)
- Indium Corporation of America. (See Murray, William S., assignor.)
- Induction Heating Corp. (See Drayneck, Paul E., assignor.)
- Induction Heating Corporation. (See Goodridge, Edward S., assignor.)
- Induction Heating Corporation. (See Rudd, Wallace C., assignor.)
- Induction Heating Corporation. (See Schakenbach, Leslie T., assignor.)
- Industrial Abrasives, Inc. (See Ware, Willis C., assignor.)
- Industrial Engineering Corporation. (See Miller, William F., assignor.)
- Industrial Engineering Corporation. (See Persons, Lawrence M., assignor.)
- Industrial Engineering Co. Inc. (See Schaefer, Timothy A., assignor.)
- Industrial Patents Corporation. (See Black, Howard C., assignor.)
- Industrial Patents Corporation. (See Bratek, F. B., and Hartanov, assignors.)
- Industrial Patents Corporation. (See Cadwell, Leon L., assignor.)
- Industrial Patents Corporation. (See Cole, Edwin G., assignor.)
- Industrial Patents Corporation. (See Cole, Harry A., assignor.)
- Industrial Patents Corporation. (See Christopher, Edward F., assignor.)
- Industrial Patents Corporation. (See Doegey, John L., assignor.)
- Industrial Patents Corporation. (See Gettley, Donald P., assignor.)
- Industrial Patents Corporation. (See Hall, Jesse P., assignor.)
- Industrial Patents Corporation. (See Ingle, James D., assignor.)
- Industrial Patents Corporation. (See Ingle, J. D., and Mink, assignors.)
- Industrial Patents Corporation. (See Koonz, Carl H., assignor.)
- Industrial Patents Corporation. (See Mitchell, Harold S., assignor.)
- Industrial Patents Corporation. (See Newton, Lowell R., assignor.)
- Industrial Patents Corporation. (See Parsons, Clinton H., assignor.)
- Industrial Patents Corporation. (See Ramsbottom, John M., assignor.)
- Industrial Patents Corporation. (See Rhinehart, Cleo A., assignor.)
- Industrial Patents Corporation. (See Sanders, Marion D., assignor.)
- Industrial Patents Corporation. (See Smith, S. E., and Stratton, assignors.)
- Industrial Patents Corporation. (See Walter, Charles T., assignor.)
- Industrial Patents Corporation. (See Williams, B. E., and Cadwell, assignors.)
- Industrial Patents Corporation. (See Williams, Beverly E., assignor.)
- Industrial Patents Corporation. (See Young, H. H., and Black, assignors.)
- Industrial Rayon Corporation. (See Bergmann, Richard F., assignor.)
- Industrial Rayon Corporation. (See Bergmann, R. F., and Walters, assignors.)
- Industrial Rayon Corporation. (See Burkholder, Alden H., assignor.)
- Industrial Rayon Corporation. (See Fryer, L. S., and Joklehto, assignors.)
- Industrial Rayon Corporation. (See Jordan, Lavern J., assignor.)
- Industrial Rayon Corporation. (See MacLaurin, R. D., and Holm, assignors.)
- Industrial Rayon Corporation. (See Torrence, G. P., Bergmann, and Knebusch, assignors.)
- Industrial Research Laboratories, Ltd. (See Han, Otto W., assignor.)
- Industrial Scientific Corporation. (See Tandler, W. S., and Mazur, assignor.)
- Industrial Scientific Corporation. (See Tandeler, W. S., and Walker, assignors.)
- Industrial Tinor Corp. (See Tamburr, V. E., and Neidenberg, assignors.)
- Industrial Wire Cloth Products Company. (See Jacobs, C. E., and Zech, assignors.)
- Industrial Wire Cloth Products Company. (See Mieras, Merriett A., assignor.)
- Industrial Wire Cloth Products Corporation. (See Zech, Alfred, assignor.)
- Industrias Proquifa, S. A. (See Schwartz, Theo, assignor.)
- Infield, John D., assignor to Holeproof Hosiery Co., Milwaukee, Wis. Hosiery-fit tester. 2,332,722; Oct. 26.
- Infield, John D., assignor to Holeproof Hosiery Co., Milwaukee, Wis. Hosiery-fit tester. 2,332,723; Oct. 26.
- Infileo Incorporated. (See Bach, Hermann, assignor.)
- Inflico Incorporated. (See Behrman, Abraham S., assignor.)

- Inflico Incorporated. (See Green, Walter H., assignor.)
 Inflico Incorporated. (See Gustafson, Hilding B., assignor.)
 Inflico Incorporated. (See Hodges, Albert B., assignor.)
 Inflico Incorporated. (See Hughes, Walter J., assignor.)
 Ingalls, David, Westerfield, N. J., assignor to Titledex Metal Hose Co. Conduit clamp. 2,334,706; Nov. 23.
 Ingalls, Willis A., assignor to Tompkins Bros. Co., Syracuse, N. Y. Furnishing wheel assembly and drive therefor. 2,318,998; May 11.
 Ingalls, Willis A., assignor to Tompkins Bros. Co., Syracuse, N. Y. Knitting machine. 2,329,617; Sept. 14.
 Ingalls, Willis A., assignor to Tompkins Bros. Co., Syracuse, N. Y. Knitting machine. 2,329,618; Sept. 14.
 Ingalls, Willis A., assignor to Tompkins Bros. Co., Syracuse, N. Y. Adjustable combination stand for knitting machines. 2,333,572; Nov. 2.
 Ingebrigtsen, Mathews O., assignor to J. C. Berg, Minneapolis, Minn. Birthday cake tray. 2,322,519; June 22.
 Ingel, James D., assignor to Industrial Patents Corporation, Chicago, Ill. Emulsifying cheese. 2,317,955; Apr. 27.
 Ingemann, Fred O., San Francisco, Calif. Scaffold ledger bracket. 2,321,916; June 15.
 Ingersoll, John W. (See Flynn, J. A., and Ingersoll.)
 Ingersoll, Elton B. (See Pillsbury, Howard G. and Ingersoll.)
 Ingersoll, Elton B., and L. E. Willett, assignors to Chamberlin Metal Wither, Strip Company, Detroit, Mich. Wall unit. 2,318,944; May 11.
 Ingersoll, Henry G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nonshrinking yarn. 2,325,060; July 27.
 Ingersoll, Homer H., assignor to Kalasign Company of America, Kalamazoo, Mich. Motor. 2,316,960; Apr. 20.
 Ingersoll, Homer H., assignor to Kalasign Company of America, Kalamazoo, Mich. Pumping unit. 2,326,360; Aug. 10.
 Ingersoll Milling Machine Company The. (See Hanitz, Hans T. R., assignor.)
 Ingersoll Milling Machine Company, The. (See Johnson, John R., assignor.)
 Ingersoll Milling Machine Company, The. (See Oberhoffen, Alexander, assignor.)
 Ingersoll Milling Machine Company, The. (See Ridgway, William F., assignor.)
 Ingersoll-Rand Company. (See Allen, Roy O., assignor.)
 Ingersoll-Rand Company. (See Eppens, Ernest G., assignor.)
 Ingersoll-Rand Company. (See Fuehrer, George H., assignor.)
 Ingersoll-Rand Company. (See Hornschuch, Hanns, assignor.)
 Ingersoll-Rand Company. (See Jimerson, Francis A., assignor.)
 Ingersoll-Rand Company. (See Le Valley, John, assignor.)
 Ingersoll-Rand Company. (See Morrison, William A., assignor.)
 Ingersoll-Rand Company. (See Slater, Fred M., assignor.)
 Ingersoll-Rand Company. (See Stepanoff, Alexey J., assignor.)
 Ingersoll, Roy C., Winnetka, assignor to Borg-Warner Corporation, Chicago, Ill. Forming composite ingots. 2,337,751; Dec. 28.
 Ingersoll, Ward H. (See Shipley, S. C., Ingersoll, and Cyr.)
 Ingerson, William E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Making solder connections. 2,308,606; Jan. 19.
 Ingerson, William E., North Plainfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Punch device. 2,327,715; Aug. 24.
 Ingerson, William E., North Plainfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for making solder connections. 2,328,982; Sept. 7.
 Ingle, James D. (See Koonz, C. H., and Ingle.)
 Ingle, James D., assignor to Industrial Patents Corporation, Chicago, Ill. Milk product. 2,319,186; May 11.
 Ingle, James D., assignor to Industrial Patents Corporation, Chicago, Ill. Cheese emulsification. 2,319,187; May 11.
 Ingle, James D., assignor to Industrial Patents Corporation, Chicago, Ill. Cheese treatment. 2,336,358; Dec. 7.
 Ingle, James D., and L. D. Mink, assignors to Industrial Patents Corporation, Chicago, Ill. Cheese coating. 2,329,470; Sept. 14.
 Inglis, Alfred H., Upper Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,332,448; Oct. 19.
 Inglis, Charles E., Cambridge, assignor of one-half to Kryn & Laby (1928) Limited, Letchworth, England. Triangulated framework. 2,329,906; Sept. 21.
 Ingraham, Elmer C., Hamstead, N. H. Poultry cage apparatus. 2,309,458; Jan. 26.
 Ingram, Harry, Wheeling, W. Va. Valved can closure. 2,322,236; June 22.
 Ingram, George V., Oakland, Calif. Knockdown table. 2,332,082; Oct. 10.
 Ingram, Sydney B., Fairlawn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay circuit. 2,329,764; Sept. 21.
 Ingram, Sydney B., Fairlawn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic discharge device. 2,331,398; Oct. 12.
 Inhoffen, Hans H. (See Butenandt, A., Inhoffen, and Dannenbaum.)
 Inhoffen, Hans H. (See Dannenbaum, H., Inhoffen, and Hohlweg.)
 Inhoffen, Hans H. (See Döhrn, M., Schoeller, Laubereau, Fox, Leckzyck, and Inhoffen.)
 Inhoffen, Hans H. (See Hohlweg, W., and Inhoffen.)
 Inhoffen, Hans H. (See Logemann, W., Inhoffen, and Eysenbach.)
 Inhoffen, Hans H. (See Schoeller, W., and Inhoffen.)
 Inhoffen, Hans H., Berlin-Wilmersdorf, W. Hohlweg, Hohen-Neuendorf, near Berlin, and W. Logemann, Berlin-Charlottenburg, Germany, assignors to Schering Corporation, Bloomfield, N. J. Manufacture of Δ^4 -androstenol-17-one-3 containing an unsaturated side-chain in 17-position and derivatives thereof. 2,323,911; July 13.
 Inhoffen, Hans H., Berlin-Wilmersdorf, M. Gehrke, Birkenwerder near Berlin, and W. Schoeller, Berlin-Charlottenburg, Germany, assignors to Schering Corporation, Bloomfield, N. J. Glucosidic compounds of the steroid series and obtaining the same. 2,326,653; Aug. 10.
 Inland Container Corporation. (See Clark, Lynn J., assignor.)
 Inland Container Corporation. (See Ferguson, Kenneth C., assignor.)
 Inland Steel Company. (See Bradley, Howard W., assignor.)
 Inland Steel Company. (See Haig, Paul, assignor.)
 Inland Steel Company. (See Luellen, Leland B., assignor.)
 Inland Steel Company. (See Method, Harold S., assignor.)
 Inland Steel Company. (See Peters, James F., assignor.)
 Inland Steel Company. (See Pietsch, Leonard C., assignor.)
 Inman, George E., East Cleveland, Ohio, and W. C. Smitley, Jackson, Miss., assignors to General Electric Company, Electric lamp. 2,317,061; Apr. 20.
 Inman, George E., East Cleveland, Ohio, assignor to General Electric Company. Electrode for electrical discharge devices. 2,329,118; Sept. 7.
 Inman, Ulysses A., Long Beach, Calif. Vehicle wheel balance tester. 2,322,939; June 29.
 Inman, William H., assignor to Bloomer Bros. Company, Newark, N. Y. Box construction. 2,311,053; Feb. 16.
 Inman, William H., assignor to Bloomer Bros. Company, Newark, N. Y. Carton construction. 2,333,181; Nov. 2.
 Innes, George, Davenport, Iowa. Grain handling mechanism. 2,328,278; Aug. 31.
 Innes, George, Davenport, Iowa. Grain harvesting machine. 2,335,764; Nov. 30.
 Innes, John W., Philadelphia, Pa. Welding jig. 2,314,788; Mar. 23.
 Inredico, Inc. (See Morgenthaler, Max R., assignor.)
 Inserting and Mailing Machine Company. (See Williams, Albert H., assignor.)
 Insley, Norman, Nanuet, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric lamp. 2,324,212; July 13.
 Insley, Robert, Farmington, and A. W. Green, West Hartford, assignors to United Aircraft Corporation, East Hartford, Conn. Making valve sleeves. 2,319,546; May 18.
 Insta-Freeze Corporation. (See Lindsey, Ernest E., assignor.)
 Institute of Paper Chemistry, The. (See Lewis, H. F., and Pearl, assignors.)
 Institute of Paper Chemistry, The. (See Van den Akker, Johannes A., assignor.)
 Institutum Divi Thomae Foundation. (See Sperti, George, assignor.)
 Interchemical Corporation. (See Bernstein, Isidor M., assignor.)
 Interchemical Corporation. (See Cassel, Norman S., assignor.)
 Interchemical Corporation. (See Engle, Loy S., assignor.)
 Interchemical Corporation. (See Fischer, Earl K., assignor.)
 Interchemical Corporation. (See Gans, David M., assignor.)
 Interchemical Corporation. (See Gessler, Albert E., assignor.)
 Interchemical Corporation. (See Gessler, A. E., and Bernhart, assignor.)
 Interchemical Corporation. (See Gessler, A. E., and Gans, assignors.)
 Interchemical Corporation. (See Gessler, A. E., and Pizzarello, assignors.)
 Interchemical Corporation. (See Gessler, A. E., Engle, and Rolfe, assignors.)
 Interchemical Corporation. (See Grupe, William F., assignor.)

Interchemical Corporation. (See Hardy, A. C., Wurzbach, Jr., and Leach, assignors.)
 Interchemical Corporation. (See Kjellstrands, A. G., assignor.)
 Interchemical Corporation. (See Pingarron, Adolf J., assignor.)
 Interchemical Corporation. (See Pizzarello, Roy A., assignor.)
 Interchemical Corporation. (See Reynolds, William B., assignor.)
 Interchemical Corporation. (See Reynolds, W. B., and Seuthy, assignors.)
 Interchemical Corporation. (See Ryan, L. W., and Cauwenberg, assignors.)
 Interchemical Corporation. (See Weiss, Adolph, assignor.)
 Interchemical Corporation. (See Whyzmuzis, Paul, assignor.)
 International Braid Company. (See Holm, Carl B., assignor.)
 International Business Machines Corporation. (See Bailey, W. J. A., and Panissidi, assignors.)
 International Business Machines Corporation. (See Blakeley, Robert T., assignor.)
 International Business Machines Corporation. (See Brand, Samuel, assignor.)
 International Business Machines Corporation. (See Brand, S., and Cunningham, assignors.)
 International Business Machines Corporation. (See Bryce, James W., assignor.)
 International Business Machines Corporation. (See Bryce, J. W., and Dickinson, assignors.)
 International Business Machines Corporation. (See Buhler, Eugen, assignor.)
 International Business Machines Corporation. (See Builder, E., and Rohdage, assignors.)
 International Business Machines Corporation. (See Carroll, Fred M., assignor.)
 International Business Machines Corporation. (See Cunningham, James M., assignor.)
 International Business Machines Corporation. (See Daly, George F., assignor.)
 International Business Machines Corporation. (See Davidson, Richard W., assignor.)
 International Business Machines Corporation. (See Davis, Durward M., assignor.)
 International Business Machines Corporation. (See Dickinson, Arthur H., assignor.)
 International Business Machines Corporation. (See Dodge, Ronald D., assignor.)
 International Business Machines Corporation. (See Dodge, R. D., and Wood, assignors.)
 International Business Machines Corporation. (See Doty, Charles R., assignor.)
 International Business Machines Corporation. (See Dunwell, S. W., and Wheeler, assignors.)
 International Business Machines Corporation. (See Fitch, C. J., and Schneider, assignors.)
 International Business Machines Corporation. (See Ford, Eugene A., assignor.)
 International Business Machines Corporation. (See Fuller, F. L., and Beattie, assignor.)
 International Business Machines Corporation. (See Gbertzmann, Ioyne, assignor.)
 International Business Machines Corporation. (See Haddad, Jerrier, assignor.)
 International Business Machines Corporation. (See Harrison, Laurence S., assignor.)
 International Business Machines Corporation. (See Hart, Robert E., assignor.)
 International Business Machines Corporation. (See Holt, Albert C., assignor.)
 International Business Machines Corporation. (See Jackson, Carlton T., assignor.)
 International Business Machines Corporation. (See Johnson, Reynold B., assignor.)
 International Business Machines Corp. (See Johnson, R. B., assignor.)
 International Business Machines Corporation. (See Koozh, Edward J., assignor.)
 International Business Machines Corp. (See Lake, Clair D., assignor.)
 International Business Machines Corporation. (See Lake, C. D., and Hamilton, assignors.)
 International Business Machines Corporation. (See Lake, C. D., and Pfaff, assignors.)
 International Business Machines Corporation. (See Lang, William, assignor.)
 International Business Machines Corporation. (See Lawrence, Lovell, Jr., assignor.)
 International Business Machines Corporation. (See Leathers, Ward, assignor.)
 International Business Machines Corporation. (See Leathers, W., and Gold, assignors.)
 International Business Machines Corporation. (See Leathers, W., and Haddad, assignors.)
 International Business Machines Corporation. (See Leathers, W., Haddad and Bailey, assignors.)
 International Business Machines Corporation. (See Lewis, W. L., and Gardiner, assignors.)
 International Business Machines Corporation. (See Luhn, Hans P., assignor.)
 International Business Machines Corporation. (See Miller, A. E., and Wilkerson, assignors.)

International Business Machines Corporation. (See Mills, Albert W., assignor.)
 International Business Machines Corporation. (See Mills, A. W., and Furman, assignors.)
 International Business Machines Corporation. (See Mills, A. W., Furman, and Rabenda, assignors.)
 International Business Machines Corporation. (See Nichol, F. W., and Fritchfield, assignors.)
 International Business Machines Corporation. (See Nichols, Harry J., assignor.)
 International Business Machines Corporation. (See Nichols, H. J., Tholstrup, and Skinner, assignors.)
 International Business Machines Corporation. (See Panissidi, Hugo, assignor.)
 International Business Machines Corporation. (See Pys, Robert E., assignor.)
 International Business Machines Corporation. (See Rast, Frederick Q., assignor.)
 International Business Machines Corporation. (See Slater, Orville B., assignor.)
 International Business Machines Corporation. (See Snathers, James F., assignor.)
 International Business Machines Corporation. (See Sprecker, A. E. R., and Smithers, assignors.)
 International Business Machines Corporation. (See Tauschek, Gustav, assignor.)
 International Business Machines Corporation. (See von Repert, Richard, assignor.)
 International Business Machines Corporation. (See Watson, Thomas J., assignor.)
 International Business Machines Corporation. (See Wheeler, John N., assignor.)
 International Business Machines Corporation. (See Woodruff, Herbert H., assignor.)
 International Cellucotton Products Company. (See Harwood, Kenneth J., assignor.)
 International Cellucotton Products Company. (See Thomas, Joseph C., assignor.)
 International Cellucotton Products Company. (See Thompson, Oscar T., assignor.)
 International Cementers, Inc. (See Chesnut, John D., assignor.)
 International Cementers, Inc. (See Cook, Robert N., assignor.)
 International Cigar Machinery Company. (See Alm, Thure W., assignor.)
 International Cigar Machinery Company. (See Brookhuysen, William C., assignor.)
 International Cigar Machinery Company. (See Burns, Herbert A., assignor.)
 International Cigar Machinery Company. (See Carlson, Hjalmar F., assignor.)
 International Cigar Machinery Company. (See Clausen, Sigurd, assignor.)
 International Cigar Machinery Company. (See Durning, James P., assignor.)
 International Cigar Machinery Company. (See Ferencel, Lester, assignor.)
 International Cigar Machinery Company. (See Gladeck, Frederick C., assignor.)
 International Cigar Machinery Company. (See Halstead, John F., assignor.)
 International Cigar Machinery Company. (See Neumair, Joseph A., assignor.)
 International Cigar Machinery Company. (See Randolph, Clifford F., assignor.)
 International Cigar Machinery Company. (See Wheeler, Henry H., assignor.)
 International Detachable Bits & Equipment Limited. (See Boyce, George E., assignor.)
 International Elastite Corporation. (See Schreyer, Leo, assignor.)
 International Harvester Company. (See Ansland, John L., assignor.)
 International Harvester Company. (See Acton, Russel D., assignor.)
 International Harvester Company. (See Avila, Frank W., assignor.)
 International Harvester Company. (See Baker, D. B., and Reckman, assignors.)
 International Harvester Company. (See Benjamin, Bert R., assignor.)
 International Harvester Company. (See Benjamin, B. R., and Mott, assignors.)
 International Harvester Company. (See Brogard, J. R., and De Blier, assignors.)
 International Harvester Company. (See Buck, Foster, assignor.)
 International Harvester Company. (See Casher, F., and Teerlink, assignors.)
 International Harvester Company. (See Crumb, C. F., Boney, and Smith, assignors.)
 International Harvester Company. (See Dewey, Frederick L., assignor.)
 International Harvester Company. (See Dyr, Jacob V., assignor.)
 International Harvester Company. (See Evans, Arthur G., assignor.)
 International Harvester Company. (See Gildea, C. W., and Hausmann, assignors.)
 International Harvester Company. (See Hand, Frederick E., assignor.)
 International Harvester Company. (See Hilblom, Samuel E., assignor.)

- International Harvester Company. (See Hipple, James L., assignor.)
- International Harvester Company. (See Huddle, Edwin F., assignor.)
- International Harvester Company. (See Hyman, Benjamin M., assignor.)
- International Harvester Company. (See Hyman, B. M., and Ferguson, assignors.)
- International Harvester Company. (See Johnson, Arnold E. W., assignor.)
- International Harvester Company. (See Johnson, A. E. W., and Acton, assignors.)
- International Harvester Company. (See Johnston, Roy B., assignor.)
- International Harvester Company. (See Kowalsky, Andrew, assignor.)
- International Harvester Company. (See Lindgren, A. C., and Mott, assignors.)
- International Harvester Company. (See Lundberg, Gustave, E., assignor.)
- International Harvester Company. (See MacDonald, Raymond D., assignor.)
- International Harvester Company. (See MacDonald, R. D., and Hiblom, assignors.)
- International Harvester Company. (See McNamara, Gordon G. Jr., assignor.)
- International Harvester Company. (See Millard, L. P., and Pool, assignors.)
- International Harvester Company. (See Mitchell, M. J., and Hyman, assignors.)
- International Harvester Company. (See Morkoski, James, assignor.)
- International Harvester Company. (See Morris, David M., assignor.)
- International Harvester Company. (See Mott, Carl W., assignor.)
- International Harvester Company. (See Mott, C. W., and Smith, assignors.)
- International Harvester Company. (See Mott, Harry J., assignor.)
- International Harvester Company. (See Orelind, John R., assignor.)
- International Harvester Company. (See Orelind, J. R., and Evans, assignor.)
- International Harvester Company. (See Orendorff, John W., assignor.)
- International Harvester Company. (See Palmer, John S., assignor.)
- International Harvester Company. (See Ratcliff, Ralph A., assignor.)
- International Harvester Company. (See Renno, Donald G., assignor.)
- International Harvester Company. (See Rietz, Edward L., assignor.)
- International Harvester Company. (See Rohkar, Raymond H., assignor.)
- International Harvester Company. (See Scarlett, Arthur A., assignor.)
- International Harvester Company. (See Scarlett, A. A., and Young, assignors.)
- International Harvester Company. (See Scarratt, A. W., and Lundberg, assignors.)
- International Harvester Company. (See Sisulak, Michael S., assignor.)
- International Harvester Company. (See Smith, Hiram P., assignor.)
- International Harvester Company. (See Walker, E. C., and Buck, assignors.)
- International Harvester Company. (See Welty, Albert B., assignor.)
- International Latex Corporation. (See Stamberger, Paul, assignor.)
- International Lubricant Corporation. (See Fraser, Harold M., assignor.)
- International Machine Tool Corporation. (See Tyson, Levi D., assignor.)
- International Minerals & Chemical Corporation. (See Perrin, F. H., and Allen, assignors.)
- International Nickel Company, The. (See Eash, J. T., and de Longe, assignors.)
- International Nickel Company, The. (See Gagnebin, Albert P., assignor.)
- International Nickel Company. (See Goheen, J. L., and Catlin, assignors.)
- International Nickel Company, The. (See Griffiths, William T., assignor.)
- International Nickel Company, The. (See Mudge, William A., assignor.)
- International Nickel Company, The. (See Queneau, P. B., and Mudge, assignors.)
- International Nickel Company. (See Reese, D. J., and Flinn, Jr., assignors.)
- International Nickel Co., The. (See Tietz, Herbert D., assignor.)
- International Nickel Company, The. (See Wesley, Andrew, assignor.)
- International Nickel Company, The. (See Wesley, Andrew and Carey, assignors.)
- International Nickel Company, The. (See Wise, E. M., and Vines, assignors.)
- International Paper Box Machine Company. (See La Bombard, Leon E., assignor.)
- International Paper Company. (See Hurrey, R. C., and Adams, assignors.)
- International Paper Company. (See Wood, G. S., and Farnham, assignors.)
- International Photographic Recording Machines, Inc. (See Oiler, Frank E., assignor.)
- International Plastic Corporation. (See Schieman, Gustave, assignor.)
- International Plastic Corporation. (See Spinner, L., Nelson, and Schieman, assignors.)
- International Projector Corporation. (See Baxell, Jacob, assignor.)
- International Projector Corporation. (See Borberg, Willy, assignor.)
- International Projector Corporation. (See Friedl, George, Jr., assignor.)
- International Projector Corporation. (See Heidegger, Henry, assignor.)
- International Projector Corporation. (See Hines, E. G., and Barany, assignors.)
- International Projector Corporation. (See Kindelmann, A., and Boecking, assignors.)
- International Pulverizing Corporation. (See Hobbie, Albert C., assignor.)
- International Register Company. (See Gallagher, William P., assignor.)
- International Salt Co. (See Madden, Louis J., assignor.)
- International Silver Company. (See Cooper, Theodore, assignor.)
- International Silver Company. (See Egeberg, Birger, assignor.)
- International Smelting and Refining Company. (See Hulme, Philip M., assignor.)
- International Smelting & Refining Company. (See Knox, W. J. Jr., and Kelly, assignors.)
- International Smelting and Refining Company. (See MacDonell, Vernon E., assignor.)
- International-Stagey Corporation. (See Davenport, Leonard G., assignor.)
- International-Stagey Corporation. (See Kendrick, John F., assignor.)
- International-Stagey Corporation. (See McEwen, John, assignor.)
- International-Stagey Corporation. (See McEwen, J., and Selberg, assignors.)
- International-Stagey Corporation. (See Selberg, John P., assignor.)
- International-Stagey Corporation. (See Selberg, J. P., Stamps, and McEwen, assignors.)
- International Standard Electric Corporation. (See Bancroft, Erwin P., assignor.)
- International Standard Electric Corporation. (See Beatty, William A., assignor.)
- International Standard Electric Corporation. (See Beatty, W. A., and Scully, assignors.)
- International Standard Electric Corporation. (See Busignies, Henri G., assignor.)
- International Standard Electric Corporation. (See Chevigny, Georges P., assignor.)
- International Standard Electric Corporation. (See Deakin, Gerald, assignor.)
- International Standard Electric Corporation. (See Food, Stanley, assignor.)
- International Standard Electric Corporation. (See Fremlin, John H., assignor.)
- International Standard Electric Corporation. (See Gibson, William T., assignor.)
- International Standard Electric Corporation. (See Goodchild, Frank D., assignor.)
- International Standard Electric Corporation. (See Haich, L. B., and L. Kozma, assignors.)
- International Standard Electric Corporation. (See Holland, John D., assignor.)
- International Standard Electric Corporation. (See Levy, Maurice M., assignor.)
- International Standard Electric Corporation. (See Litton, Charles V., assignor.)
- International Standard Electric Corporation. (See McLaren, Ernest S., assignor.)
- International Standard Electric Corporation. (See Montgomery, William A., assignor.)
- International Standard Electric Corporation. (See Motz, Hans, assignor.)
- International Standard Electric Corporation. (See Pouliart, Willy, assignor.)
- International Standard Electric Corporation. (See Quayle, Joshua C., assignor.)
- International Standard Electric Corporation. (See Richards, Arthur E., assignor.)
- International Standard Electric Corporation. (See Richards, Edward A., assignor.)
- International Standard Electric Corporation. (See Richards, E. A., and Ellison, assignors.)
- International Standard Electric Corporation. (See Scott, Thomas R., assignor.)
- International Standard Electric Corporation. (See Scott, T. R., and ebb, assignors.)
- International Standard Electric Corporation. (See Terman, Frederick E., assignor.)
- International Standard Electric Corporation. (See Terry, V. J., and Hargreaves, assignors.)
- International Standard Electric Corporation. (See Ward, George L., assignor.)
- International Steel Wool Corporation. (See Stybr, Miles A., assignor.)

- International Vato Aktiebolag. (See Gentile, Johan G. W., assignor.)
- International Vehicular Parking, Ltd. (See Herschede, W. F., and Woodruff, assignors.)
- Inter-Seal Corporation. (See Greene, E., and Forrest, assignors.)
- Interstate Bakeries Corporation. (See Cohen, Morris, assignor.)
- Interstate Bakeries Corporation. (See Fonken, Martin E., assignor.)
- Interstate Bakeries Corporation. (See Quick, Claude E., assignor.)
- Interstate Vending Machine Company of St. Louis. (See Novack, Fred, assignor.)
- Intertype Corporation. (See Allan, G. W., and Simpson, assignors.)
- Intertype Corporation. (See Beatty, George W., assignor.)
- Intertype Corporation. (See George, Frederick D., assignor.)
- Intertype Corporation. (See Turenne, Wilfred J., assignor.)
- Intertype Corporation. (See Willis, Le Roy W., assignor.)
- Interwoven Stocking Company. (See Thurston, Paul L., assignor.)
- Interwoven Stocking Company. (See Thurston, P. L., and Nagley, assignors.)
- Invers-Lee Company. (See Salsberg, Leroy L., assignor.)
- Invox Corporation. (See Craig, Palmer H., assignor.)
- Ioannilli, Joseph R., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Lubricating system. 2,308,513; Jan. 19.
- Ioannilli, Joseph R., Hamilton, and P. H. Dixon, Wenham, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Assembling machine. 2,313,148; May 9.
- Ioannilli, Joseph R. J., Hamilton, assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for coating channels in shoe parts. 2,307,793; Jan. 12.
- Iodent Chemical Company. (See Lautmann, Alfred J., assignor.)
- Iowa Fiber Box Company. (See Shofor, Marc R., assignor.)
- Iowa Manufacturing Company. (See Pollitz, Harold C., assignor.)
- Iowa Valve Company. (See Corey, William W., assignor.)
- Iowa State College Research Foundation. (See Lane, C. B., and Hammer, assignors.)
- Iowa State College Research Foundation. (See Levine, Max, assignor.)
- Iowa State College Research Foundation. (See Yoder, assignor.)
- Ipatieff, Vladimir N. (See Haensel, V., and Ipatieff.)
- Ipatieff, Vladimir N. (See Linn, C. B., and Ipatieff.)
- Ipatieff, Vladimir N. (See Pines, H., and Ipatieff.)
- Ipatieff, Vladimir N. (See Schmerling, L., and Ipatieff.)
- Ipatieff, Vladimir, and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of catalysts. 2,311,232; Feb. 16.
- Ipatieff, Vladimir, and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,334,099; Nov. 9.
- Ipatieff, Vladimir N., and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Isomerization of paraffins. 2,316,247; Apr. 13.
- Ipatieff, Vladimir N., and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Isomerization of paraffins. 2,316,248; Apr. 13.
- Ipatieff, Vladimir N., and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Production of isobutane. 2,318,225; May 4.
- Ipatieff, Vladimir N., and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Production of isobutane. 2,318,226; May 4.
- Ipatieff, Vladimir N., and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,318,781; May 11.
- Ipatieff, Vladimir N., and A. V. Grosse, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,322,025; June 15.
- Ipatieff, Vladimir N., and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of butane. 2,325,122; July 27.
- Ipatieff, Vladimir N., and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of paraffins. 2,327,188; Aug. 17.
- Ipatieff, Vladimir N., and V. Haensel, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,327,189; Aug. 17.
- Ipatieff, Vladimir N., and V. Haensel, assignors to Universal Oil Products Company, Chicago, Ill. Hydrogenation of ketones. 2,334,100; Nov. 9.
- Ippolito, Joseph. (See Leavy, A., and Ippolito.)
- Irany, Ernest P., Shawinigan Falls, assignor to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Powdered resin manufacture. 2,326,539; Aug. 10.
- Iredell, Robert. (See Brown, R. V., and Iredell.)
- Iredell, Robert, and H. T. Kraft, assignors to The General Tire & Rubber Company, Akron, Ohio. Suspension device. 2,318,862; May 11.
- Ireland, George F., Washington, D. C. Display device. 2,323,090; June 29.
- Ireland, Murray, assignor to McGraw Electric Company, Elgin, Ill. Shock absorber. 2,319,997; May 25.
- Ireland, Ward S., Jr., Cocoa, Fla. Meter boxes. 2,337,661; Dec. 28.
- Irgons, Finn T., Wauwatosa, assignor to Outboard, Marine & Manufacturing Company, Milwaukee, Wis. Production of engine cylinders. 2,331,554; Oct. 12.
- Irgin, Christopher R. (See Burns, G. A., and Irgin.)
- Irigai, Sin-Iti, Tokyo, Japan, assignor to General Electric Company. Stabilized oils. 2,316,587; Apr. 13.
- Irion, Clarence E., Montclair, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Printing ink. 2,331,194; Oct. 5.
- Irish, Charles P., Draughn, Ohio. Apparatus for the treatment of soil. 2,323,773; July 6.
- Irmscher, Hans O., New York, N. Y., assignor to Millie Patent Holding Co., Inc. Package and making the same. 2,328,017; Aug. 31.
- Irmscher, Hans O., New York, N. Y., assignor to Millie Patent Holding Co., Inc. Package and making the same. 2,328,018; Aug. 31.
- Iron Fireman Manufacturing Company. (See Lunda, E. C., and Wald, assignors.)
- Iron Products Corporation. (See Pieper, Chester R., assignor.)
- Irons, Davison E., Marblehead, Mass., assignor to General Electric Company. Thrust bearing arrangement. 2,324,404; July 27.
- Irons, George A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread cutter and clamp for looms. 2,326,862; Aug. 17.
- Irrgang, Louis J., Jersey City, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working machine. 2,328,721; Sept. 7.
- Irving, Emma F. (See Barry, Richard J., assignor.)
- Irving, Walter E. (See Barry, R. J., and Kasuussen, assignors.)
- Irving, Walter E. (See Prince, Burton A., assignor.)
- Irvington Varnish & Insulator Co. (See Dale, Oswald, assignor.)
- Irwin, Chester M., Milwaukee, Wis. Valve control mechanism for liquid treating apparatus. 2,320,452; Sept. 7.
- Irwin, Edmund M., assignor to Magnet Corporation, Long Beach, Calif. Phase Indicator. 2,316,434; Apr. 13.
- Irwin, Emmett M., and B. H. Rule, Pasadena, and G. E. Lewis, Alhambra, assignors to Cooperative Development Co., Los Angeles, Calif. Device for surveying well bores. 2,309,905; Feb. 2.
- Irwin, Emmett M., Pasadena, G. E. Lewis, Alhambra, R. H. Duval, and B. H. Rule, Pasadena, and R. M. Chenoweth, West Los Angeles, assignors to Cooperative Development Co., Los Angeles, Calif. Well survey system. 2,336,101; Dec. 7.
- Irwin Equipment Company. (See Irwin, R. W., and C. Herz, assignors.)
- Irwin, Henry A., et al. (See Danforth, Louis D., assignor.)
- Irwin, Justus C., assignor to O. O. Rothe, Minneapolis, Minn. Reseating tool. 2,323,398; July 6.
- Irwin, Oliver C., New York, N. Y., assignor, by mesne assignments, to Standard Cap and Seal Corporation, Chicago, Ill. Refrigerating system. 2,316,791; Apr. 20.
- Irwin, Oliver C., New York, N. Y., assignor, by mesne assignments, to Standard Cap and Seal Corporation, Chicago, Ill. Refrigerating system. 2,316,792; Apr. 20.
- Irwin, Robert W., and C. M. Herz, assignors to Irwin Equipment Company, Grand Rapids, Mich. Heating system for dry kilns. 2,308,332; Jan. 12.
- Isaac, Elmer B. (See Rippl, F. J., and Isaac.)
- Isaacks, James D., and R. Jones, Houston, Tex., assignors to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Deflecting tool. 2,319,236; May 18.
- Isaacs, Harry Z., Baltimore, Md. Riding breeches. 2,316,588; Apr. 13.
- Isaacson Iron Works. (See Allin, George S., assignor.)
- Isaacson, Leland H., Washington, D. C. Geometrical instrument. 2,328,879; Sept. 7.
- Isaacson, Leon D., Brooklyn, N. Y. Variable aperture optical projectors. 2,334,320; Nov. 16.
- Isbell, Jackson T., assignor to A. B. Chance Company, Centralia, Mo. Pocket facing protector. 2,315,620; Apr. 6.
- Ische, George H. (See Nilson, Harold, assignor.)
- Ische, William, Norwood, Minn. Air conditioner and heater for buildings. 2,337,105; Dec. 21.
- Ischinger, Alfred E., Mount Penn, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Hosiery display device. 2,334,008; Nov. 9.
- Isenberg, Sampson. (See Hultgren, R. C., and Isenberg.)
- Isenberg, Stanley, Chicago, Ill. Spray head. 2,325,123; July 27.
- Isermann, Samuel, Summit, and E. Ohlsson, Short Hills, N. J. Composition for protection against light of short wave length. 2,327,899; Aug. 24.
- Islay Investment Incorporated. (See Campbell, Donald J., assignor.)
- Isler, Otto. (See Karrer, P., and Isler.)
- Isler, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Producing condensation products of 1,4-naphthydroquinones. 2,325,681; Aug. 3.
- Isler, William. (See Ackerman, F. R., and Isler.)
- Isler, William. (See Schermer, Nathan H., assignor.)
- Israel, Gertrude. (See Gruenhut, Alfred, assignor.)

- Israel, Gertrude. (See Stern, Yermie, assignor.)
 Israel, Sidney, Brooklyn, N. Y. Automatic needle dispensing mechanism. 2,309,220; Jan. 26.
 Isserstedt, Siegfried G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Radiant heat responsive device. 2,336,399; Dec. 7.
 Isserstedt, Siegfried G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heat sensitive device. 2,336,400; Dec. 7.
 Isted, Donald C. (See Lovell, L. L., Isted, and Ortynsky.)
 Itner, Martin H., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Manufacture of greases. 2,319,405; May 18.
 Iuculano, John, Woodside, N. Y. Card filing system. 2,318,489; May 4.
 Ivers-Lee Company. (See Salfisberg, Le Roy L., assignor.)
 Iversen, Lorenz, and F. J. Waldschuetz, assignors to Mesta Machine Company, Pittsburgh, Pa. Reel mechanism. 2,332,576; Oct. 26.
 Iverson, Cato, and W. A. Magerkurth, assignors to National Rubber Machinery Company, Akron, Ohio. Vulcanizing press. 2,308,977; Jan. 19.
 Iverson, William E. (See Schleicher, H. M., and Iverson.)
 Ives, Charles O. (See Edson, E. R., and Ives.)
 Ives, Harold, Tulsa, Okla., and P. W. Buerkle, West Los Angeles, Calif. Skin clamp. 2,315,333; Mar. 30.
 Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron camera. 2,315,621; Apr. 6.
 Ivie, Horace. (See Ivie, James O., and Horace L.)
 Ivie, James O. and H. L. Salt Lake City, Utah. Actuating means for scoreboard indicia. 2,315,622; Apr. 6.
 Ivy, Jessie T., Seattle, Wash. Drafting instrument. 2,320,603; June 1.
 Iwanowicz, Stanley, Detroit, Mich. Flashlight device. 2,311,439; Feb. 16.
 Iwanowicz, Stanley, Detroit, Mich. Lamp or illuminated ornament. 2,316,589; Apr. 13.
 Izard, Emmette F., Kenmore, N. Y., assignor to E. I.-du Pont de Nemours & Company, Wilmington, Del. Polyvinyl butyral sheet material. 2,328,046; Sept. 7.
 J-B-T Instruments, Inc. (See Johnson, Manfred J., assignor.)
 Jabelmann, Otto. (See Travilla, J. C., Jr., and Jabelmann.)
 Jabelmann, Otto, Omaha, Nebr. Railway car. 2,318,863; May 11.
 Jabelmann, Teresa R., administratrix. (See Travilla, J. C., Jr., and Jabelmann.)
 Jabour, Samuel, Irvington, N. J. Stripping implement. 2,316,869; Apr. 20.
 Jacard, Philippe R., Petit Lancy, Geneva, Switzerland. Driving mechanism. 2,324,163; July 13.
 Jack, Fred W. (See Jetsock, J., and Jack.)
 Jack, George. (See Hollisteln, P., and Jack.)
 Jack, George, Rochelle Park, N. J., assignor to J. M. Lehmann Company, Inc., New York, N. Y. Chocolate tempering apparatus. 2,313,705; Mar. 9.
 Jack & Heintz, Inc. (See Carlson, Bert G., assignor.)
 Jack & Heintz, Inc. (See Heintz, Ralph M., assignor.)
 Jack & Heintz, Inc. (See Heintz, R. M., and Carlson, assignors.)
 Jack & Heintz, Inc. (See Heintz, R. M., and Scofield, assignors.)
 Jack, William A., 3d. (See Parkinson, J. S., and Jack.)
 Jackes-Evans Manufacturing Company. (See Toeke, A. F., Gohne, and Wentz, assignors.)
 Jacklin, Harold M., Lafayette, Ind. Internal combustion engine. 2,337,245; Dec. 21.
 Jackson, Albert M., Reno, Nev. Flashhider for automatic weapons. 2,322,806; June 29.
 Jackson, Albert S. (See Fedorchak, W. J., Johnson, and Jackson.)
 Jackson, Albert S., Wood River, and C. A. Heyne, Alton, Ill., assignors to Owens-Illinois Glass Company. Bottle testing apparatus. 2,314,310; Mar. 16.
 Jackson, Bruce A., Oakland, Calif. Controlled drip milk bottle. 2,318,611; May 11.
 Jackson, Elynn, Co. (See Elynn, Vaino A., assignor.)
 Jackson, Carlton T., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,318,314; May 4.
 Jackson, Charles F., assignor to Reynolds Spring Company, Jackson, Mich. Clip applying mechanism. 2,325,322; July 27.
 Jackson, Clarence S. (See Penney, H. D., and Jackson.)
 Jackson, Clarence S., assignor to Peters Bros. Rubber Co., Inc., Brooklyn, N. Y. Tape dispensing device. 2,309,396; Jan. 26.
 Jackson, Clarence S., assignor to Peters Bros. Rubber Co., Inc., Brooklyn, N. Y. Device for dispensing tape. 2,333,378; Nov. 2.
 Jackson, Clarence S., Brooklyn, A. C. Parlini, Freeport, N. Y., and E. H. Hachor, Newark, N. J., assignors to Peters Bros. Rubber Co., Inc., Brooklyn, N. Y. Spot machine. 2,324,506; July 20.
 Jackson, Corwill, Ludington, Mich. Vibratory hand screed. 2,314,985; Mar. 30.
 Jackson, Corwill, Ludington, Mich. Concrete placement machine. 2,322,362; June 22.
 Jackson, Edward H., and E. W. Hall, Fort Wayne, Ind., assignors to General Electric Company. Insulated electrical conductor. 2,307,588; Jan. 5.
 Jackson, Edwin C. (See Travilla, J. C., Jr., and Jackson.)
 Jackson, Frank W., Chicago, Ill., assignor to S. H. Couch Company, Inc., North Quincy, Mass. Transmitting system. 2,328,556; Sept. 7.
 Jackson, George F., Baltimore, Md., assignor to Continental Can Company, Inc., New York, N. Y. Machine for vacuumizing, gassing, and hand-sealing filled containers. 2,327,430; Aug. 24.
 Jackson, Honel A., Detroit, Mich. Electrical cable connector. 2,308,811; Jan. 19.
 Jackson, James H., South Norfolk, Va. Sliding tray for automobile compartments. 2,323,045; June 29.
 Jackson, James O., Crafton, Pa. Pressure storage tank. 2,315,997; Mar. 16.
 Jackson, James O., Crafton, Pa. Method and apparatus for storing gaseous materials in the liquid phase. 2,328,647; Sept. 7.
 Jackson, James O., Crafton, Pa. Abrasion resistant coating. 2,330,365; Sept. 28.
 Jackson, James O., Crafton, Pa., assignor to Pittsburgh-Des Moines Company, Insulated container with heated bottom. 2,332,227; Oct. 19.
 Jackson, James O., Crafton, Pa., assignor to Pittsburgh-Des Moines Company. Pressure container. 2,333,792; Nov. 9.
 Jackson, James O., Crafton, Pa., assignor to Pittsburgh-Des Moines Company. Welded steel structure. 2,337,049; Dec. 21.
 Jackson, James O., Crafton, and H. C. Cooper, Sewickley, Pa. Low temperature storage tank. 2,329,765; Sept. 21.
 Jackson, John, Joliet, Ill., assignor to The American Steel and Wire Company of New Jersey. Rod bundle transfer device. 2,336,614; Dec. 14.
 Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,312,167; Feb. 23.
 Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,312,168; Feb. 23.
 Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,312,169; Feb. 23.
 Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,318,227; May 4.
 Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,324,457; Aug. 31.
 Jackson, John G., assignor to Square D Company, Detroit, Mich. Enclosure for electrical devices. 2,330,975; Oct. 5.
 Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,334,267; Nov. 16.
 Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,335,677; Nov. 30.
 Jackson, John G., and R. H. Kington, assignors to Square D Company, Detroit, Mich. Trolley. 2,322,640; June 22.
 Jackson, John G., and O. Maseng, assignors to Square D Company, Detroit, Mich. Circuit breaker. 2,328,458; Aug. 31.
 Jackson, John K., assignor to Corning Glass Works, Corning, N. Y. Article grinding apparatus. 2,326,034; Aug. 3.
 Jackson, John R., Sr., Kakabeka Falls, Ontario, Canada. Artificial bait. 2,333,425; Nov. 2.
 Jackson, John W., Dearborn Hills, and R. H. Dean, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle. 2,314,399; Mar. 23.
 Jackson, Kermit J., Honolulu, Territory of Hawaii. Pineapple grading apparatus. 2,314,704; Mar. 23.
 Jackson, Kermit J., Honolulu, Hawaii. Pineapple harvester. 2,321,387; June 8.
 Jackson, Leslie K. (See Lithgow, J., and Jackson.)
 Jackson, Lloyd R. (See Russell, H. W., and Jackson.)
 Jackson, Lucian C., Buffalo, N. Y. Wrench. 2,317,461; Apr. 27.
 Jackson, Luther P., Detroit, Mich. Abrasive article. 2,311,756; Feb. 23.
 Jackson, Luther P., Detroit, Mich. Filled abrasive article and filter for the same. 2,333,480; Nov. 2.
 Jackson, Lynn E., Los Angeles, and J. T. Dickson, Playa Del Rey, assignors to Ferguson Door Co., Los Angeles, Calif. Door. 2,320,604; June 1.
 Jackson, Merlin M., San Jose, Calif. Washing machine. 2,321,210; June 8.
 Jackson, Maunsell B., Toronto, Ontario, Canada. Motor brake control. 2,322,228; Oct. 19.
 Jackson, Paul. (See Duffy, J. T., and Jackson.)
 Jackson, Paul S., assignor to Rockford Machine Tool Company, Rockford, Ill. Valve. 2,311,987; Feb. 23.
 Jackson, Paul S., assignor to Rockford Machine Tool Company, Rockford, Ill. Hydraulic machine tool. 2,316,871; Apr. 20.
 Jackson & Perkins Company. (See Boerner, Eugene S., assignor.)
 Jackson, Stanley M. (See Larrimore, J., Scheller, and Jackson.)
 Jackson, Thomas, North Muskegon, assignor to Continental Motors Corporation, Detroit, Mich. Starter gearing. 2,311,944; Feb. 23.
 Jackson, Thomas, North Muskegon, assignor to Continental Motors Corporation, Detroit, Mich. Outboard engine construction. 2,326,224; Aug. 10.
 Jackson, Thomas, North Muskegon, assignor to Continental Motors Corporation, Detroit, Mich. Internal combustion engine. 2,335,186; Nov. 23.

- Jackson, Thomas, North Muskegon, assignor to Continental Motors Corporation, Muskegon, Mich. Engine induction system. 2,337,050; Dec. 21.
- Jackson, Thomas, and T. B. Frazarson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Cord for use in the covers of pneumatic tires and other reinforced articles of rubber and similar materials. 2,324,583; July 20.
- Jackson, Thomas E., Detroit, Mich. Medical wood splint. 2,318,564; May 11.
- Jackson, William E., Lynwood, and T. H. Jeffers, Los Angeles, assignors to Grayson Heat Control Ltd., Lynwood, Calif. Safety control for gaseous fuel burners. 2,319,685; May 18.
- Jackson, William M., Hartsville, S. C. Exhaust pipe guard. 2,308,607; Jan. 19.
- Jackson, William R. (See Welch, W. T., and Jackson.)
- Jacob, Ezekiel J., assignor to B. Liebowitz, New York, N. Y. Device for smokers' pipes. 2,308,768; Jan. 19.
- Jacob, Ezekiel J., assignor to B. Liebowitz, New York, N. Y. Device for smokers' pipes. 2,313,343; Mar. 9.
- Jacob, Ezekiel J., assignor to B. Liebowitz, New York, N. Y. Smoking device. 2,313,344; Mar. 9.
- Jacob, George N., Jr., Belleville, and E. B. Wright, Jr., Montclair, N. J. Manufacture of brushes. 2,310,870; Apr. 20.
- Jacob, Thomas H., Wausau, Wis. Adjustable trailer hitch. 2,328,343; Aug. 31.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Compartment door latch. 2,313,711; Mar. 9.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Compartment door latch. 2,313,712; Mar. 9.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock device. 2,318,490; May 4.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Spark plug shield. 2,323,399; May 6.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,323,400; July 6.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Key cutting and duplicating machine. 2,329,269; Sept. 14.
- Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Compartment door latch. 2,337,894; Dec. 28.
- Jacobi, William H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulating bushing. 2,315,623; Apr. 6.
- Jacobowitz, Arnold, Buffalo, N. Y. Filter. 2,328,148; Aug. 31.
- Jacobowitz, David L., assignor to Jacoby-Bender, Inc., New York, N. Y. Extensible bracelet clasp. 2,309,510; Jan. 26.
- Jacobs, Charles T., New Providence Township, Union County, N. J. Cocktail shaker. 2,308,657; Jan. 19.
- Jacobs, Charles T., New Providence, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Control system. 2,329,119; Sept. 7.
- Jacobs, Clarence E., and A. Zech, Detroit, assignors to Industrial Wire Brush Products Company, Wayne, Mich. Air cleaner. 2,331,693; Oct. 12.
- Jacobs, F. L., Company. (See Horton, Frank J., assignor.)
- Jacobs, F. L., Co. (See Westroppe, Frederick J., assignor.)
- Jacobs, F. L., Company. (See Westroppe, Frederick J., assignor.)
- Jacobs, F. L., Company. (See Levon, Walter P., assignor.)
- Jacobs, F. L., Co. (See Visser, John, assignor.)
- Jacobs, Henry R., Evanston, Ill. Measuring instrument. 2,319,932; May 25.
- Jacobs, Joseph J., Jr. (See Kokatnur, V. R., and Jacobs.)
- Jacobs, Marcellus L., Minneapolis, Minn. Burglar alarm for motor vehicles. 2,328,215; Aug. 31.
- Jacobs, Theodore R., Duluth, Minn. Airplane wing construction. 2,323,542; July 6.
- Jacobsen, Edwin, Glendale, Calif. Internal combustion engine. 2,314,789; Mar. 23.
- Jacobsen Manufacturing Company. (See Krenzke, William F., assignor.)
- Jacobsen, Otto S., assignor to The Lock-Seal Company, Chicago, Ill. Building construction. 2,326,361; Aug. 10.
- Jacobsen, Peter E. V., Copenhagen, Denmark; vested in the Alien Property Custodian. Process and apparatus for the manufacture of cardboard boxes for packing of eggs, fruit, and the like. 2,313,200; Mar. 9.
- Jacobsen, Walter, Chicago, Ill. Electrically heated flying suit. 2,329,766; Sept. 21.
- Jacobson, Arthur E., Alexandria, Minn. Eye exerciser. 2,317,197; Apr. 20.
- Jacobson, Charles, New York, assignor to S. & S. Corrugated Paper Machinery Company, Inc., Brooklyn, N. Y. Adjustment for running registers. 2,309,646; Feb. 2.
- Jacobson & Company. (See Jacobson, Victor, assignor.)
- Jacobson, Frank H., Minneapolis, Minn. Separating machine. 2,315,712; Apr. 6.
- Jacobson, Frank H., Minneapolis, Minn. Device for indicating enuresis to prevent bed wetting. 2,321,683; June 15.
- Jacobson, Irving, Los Angeles, Calif., assignor to The Polymer Gradlex Corporation, Rochester, N. Y. Camera and light synchronizer. 2,311,440; Feb. 16.
- Jacobson, James H. (See Westcott, Clifford H., assignor.)
- Jacobson, James H., Chicago, Ill. Reinforcing vertical faces of road slabs. 2,321,087; June 8.
- Jacobson, James J., New York, N. Y. Display stand. 2,314,500; Mar. 23.
- Jacobson, Moses G., Penn Township, Allegheny County, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Multiple sampling valve and gas sampling. 2,333,934; Nov. 9.
- Jacobson, Ralph A., Landenberg, Pa., and C. J. Mighton, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymers of amides of alpha-methylene monocarboxylic acids. 2,311,548; Feb. 16.
- Jacoussot, Victor, New Rochelle, assignor to Jacobson & Company, Inc., New York, N. Y. Acoustical treatment. 2,324,706; July 20.
- Jacobson, William T. (See Anderson, R. G., and Jacobson.)
- Jacobsson, Wilgot J., Plainfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Altitude-controlled valve. 2,307,838; Jan. 12.
- Jacobsson, Wilgot J., Plainfield, N. J., assignor to Union Carbide and Carbon Corporation. Altitude controlled pressure regulator. 2,313,149; Mar. 9.
- Jacobsson, Wilgot J., Plainfield, N. J., assignor to Union Carbide and Carbon Corporation. Blowpipe head. 2,337,106; Dec. 21.
- Jacobus, Dale P., St. Johnsbury, Vt., assignor to Fairbanks, Morse & Co., Chicago, Ill. Bearing means. 2,312,250; Feb. 23.
- Jacobus, Dale P., and G. Guldbrandson, St. Johnsbury, Vt., assignors to Fairbanks, Morse & Co., Chicago, Ill. Scale pivot mounting. 2,337,107; Dec. 21.
- Jacobus, David D., Bernardsville, N. J., and J. R. Rose, Woodbury, N. Y., assignors to Keuffe & Esser Company, Hoboken, N. J. Photosensitive material. 2,326,782; Aug. 17.
- Jacoby-Bender, Inc. (See Jacobowitz, David L., assignor.)
- Jacoby-Bender, Inc. (See Rodriguez, Emil, assignor.)
- Jacocks, George T., New Rochelle, assignor to Heat Transfer Products, Inc., New York, N. Y. Closure. 2,327,716; Aug. 14.
- Jacobi, Isidore, Buffalo, N. Y. Cable splicer. 2,323,774; July 6.
- Jacobi, Isidore, Buffalo, N. Y. Tool for splicing cables. 2,325,777; Aug. 3.
- Jacokes, James W. (See Thurmond, G. I., Jacokes, and Brenner.)
- Jacquemitt Knitting Machine Co. (See Sirmay, Julius, assignor.)
- Jacqué, Heinrich, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Producing twists of organic thermoplastic material. 2,336,100; Dec. 7.
- Jacques, Jean, Philadelphia, Pa. Riveting apparatus. 2,312,554; Mar. 2.
- Jacquier, Pierre, Bazel, France; vested in the Alien Property Custodian. 2,318,401; May 4.
- Jackel, Adolph C., assignor to A. O. Smith Corporation, Milwaukee, Wis. Apparatus for pug making. 2,328,071; Aug. 31.
- Jackel, Frederick T., Wauwatosa, Wis. Gas mixer. 2,322,026; June 15.
- Jacker, John H., Massillon, Ohio. Wire grinder. 2,319,998; May 25.
- Jaeger, Gebhard, assignor to The Jaeger Machine Company, Columbus, Ohio. Water supply tank for concrete mixers. 2,316,132; Apr. 6.
- Jaeger, Gebhard, and C. I. Bohmer, Columbus, Ohio, and C. Gerst, Detroit, Mich., assignors to The Jaeger Machine Company, Columbus, Ohio. Truck mixer transmission control. 2,323,753; July 6.
- Jaeger, Jacob J. (See Caldwell, S. H., Jaeger, and Taylor.)
- Jaeger Machine Company, The. (See Bohmer, C. I., and Gerst, assignors.)
- Jaeger Machine Company, The. (See Jaeger, Gebhard, assignor.)
- Jaeger Machine Company, The. (See Jaeger, G., Bohmer, and Gerst, assignors.)
- Jaeger Machine Company, The. (See Visser, Gerrit A., assignor.)
- Jaenicke, Johannes, H. Knoop, H. Miedel, and O. Schweitzer, Frankfurt-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Molding synthetic resins. 2,311,233; Feb. 16.
- Jaffa, Harry, Minneapolis, Minn. Theft prevention device. 2,316,695; Apr. 13.
- Jaffe, Samuel R., Chicago, Ill. Pipe joint. 2,328,381; Aug. 31.
- Jaggard, Robert W. (See Scott-Paine, H., and Jaggard.)
- Jagiel, John F. (See Brown, J. H., and Jagiel.)
- Jago, William L., Fremont, Ohio. Collapsible baby or doll crib. 2,309,318; Jan. 26.
- Jagosz, Walter, Detroit, Mich. Spacing device for punch presses and the like. 2,325,405; July 27.
- Jagust, Philip, Brooklyn, assignor to N. Geiger, New York, N. Y. Film magazine for motion picture cameras. 2,326,654; Aug. 10.

- Jahant, Augustus P., Akron, Ohio. Coupling. 2,332,641; Oct. 26.
- Jahant, Charles J., assignor to The General Tire & Rubber Company, Akron, Ohio. Pneumatic tire. 2,331,323; Oct. 12.
- Jahn, Edwin Cornelius, and S. Coppick, Syracuse, N. Y. Nitrated lignocellulose. 2,313,441; Mar. 9.
- Jahn, Heilmuth. (See Wolfram, A., and Jahn.)
- Jahoda, Edward, assignor to W. M. Fuchs, Detroit, Mich. Reproduction process and apparatus. 2,322,136; June 15.
- Jakeway, Gerald V. (See Birdsall, A. L., and Jakeway.)
- Jakeway, Gerald V., assignor to Keller, I. S., and Jakeway.)
- Jakeway, Gerald V., assignor to Keeler Brass Company, Grand Rapids, Mich. Handle, drawer pull, or the like. 2,329,767; Sept. 21.
- Jakosky, John J., Los Angeles, Calif., assignor to Schumberger Well Surveying Corporation, Houston, Tex. Thermometric method and apparatus for exploration of bore holes. 2,311,757; Feb. 23.
- Jakosky, John J., Lawrence, Kans. Method of and apparatus for making rivets. 2,331,324; Oct. 12.
- Jakosky, John J., Los Angeles, Calif., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Method and apparatus for determining the electrical characteristics of geological formations traversed by drill holes. 2,334,491; Nov. 16.
- Jakoubek, Frank J. (See Schroeder, M. A., and Jakoubek.)
- Jalbert, Adrien L. (See Quinn, E., and Jalbert.)
- Jalbert, Adrien L., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe. 2,322,297; June 22.
- Jalbert, Adrien L., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Making prewelt shoes. 2,325,652; Aug. 3.
- James, Albert L. (See Swallen, L. C., and James.)
- James, Alfred O., Detroit, Mich. Automatic crankcase oil filler. 2,316,000; Apr. 6.
- James, Arthur C., Genoa, Ohio. Bale grouper. 2,316,435; Apr. 13.
- James, Cyril H. (See Hazelton, G., and James.)
- James, Francis E. (See Hodgson, J. H., Balder, and James.)
- James, Frank, Normandy, C. A. Cobb, University City, and L. Kishlar, Webster, Groves, assignors to Ralston Purina Company, St. Louis, Mo. Preparing wheat cereal. 2,332,914; Oct. 26.
- James, Howard C., Philadelphia, assignor to Henry Diston & Sons, Incorporated, Tacony, Pa. Pruning shears. 2,310,959; Feb. 16.
- James, Howard C., Philadelphia, Pa., assignor to Henry Diston & Sons, Incorporated, Tacony, Pa. Rake. 2,316,168; Apr. 13.
- James, Joseph H., assignor to Clarence P. Byrnes, Pittsburgh, Pa., as trustee. Making motor fuel. 2,331,121; Oct. 5.
- James, Lester E., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Mechanical movement. 2,309,595; Jan. 26.
- James, Lester E., deceased; M. B. James, Swampscott, Mass., administratrix, assignor to United Shoe Machinery Corporation, Flemington, N. J. Mechanical movement. 2,314,278; Mar. 16.
- James, Lester E., Swampscott, by M. B. James, Swampscott, Mass., administratrix, assignor to United Shoe Machinery Corporation, Flemington, N. J. Starting and stopping mechanism. 2,333,105; Nov. 2.
- James, Lloyd B., Seymour, Conn. Safety device for presses and the like. 2,311,441; Feb. 16.
- James Manufacturing Company. (See Markey, George T., assignor.)
- James Manufacturing Company. (See Waterman, Arthur E., assignor.)
- James Manufacturing Company. (See Willett, W. M., Markey, and Olson, assignors.)
- James, Mary B., administratrix. (See James, Lester E.)
- James, Oliver M., Americus, Ga., assignor to Dayton Vanner & Lumber Mills, Dayton, Tenn. Apparatus for making basket covers. 2,322,363; June 22.
- James, Paul E., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Refrigeration apparatus. 2,311,549; Feb. 16.
- James, Thomas, Jr., Oaklyn, N. J. Hydrodynamic brake. 2,334,629; Nov. 16.
- James, Thomas R., Minneapolis, Minn., assignor to General Mills, Inc. Toasting flaked cereal and the like. 2,317,532; Apr. 27.
- James, Thomas R., Minneapolis, Minn., assignor to General Mills, Inc. Device for spraying loose material. 2,319,865; May 25.
- James, Thomas R., Minneapolis, Minn., assignor to General Mills, Inc. Apparatus for waxing cartons. 2,330,124; Sept. 21.
- James, Thomas R., Minneapolis, Minn., assignor to General Mills, Inc. Carton holding and waxing means. 2,336,401; Dec. 7.
- James, Thomas R., Minneapolis, Minn., and Joseph Desjardins, Chicago, Ill., assignors to General Mills, Inc. Accumulator. 2,320,934; June 1.
- James, William L., assignor of one-third to P. Spedalleri, New York, N. Y. Aircraft. 2,308,477; Jan. 12.
- Jameson, Stanley L. (See Kent, M. F., and Jameson.)
- Jameson, W. J., Company, The. (See Cullerton, Orville F., assignor.)
- Jameson, C. E., & Company. (See Weckesser, Charles L., assignor.)
- Jameson, Sanford B., Niagara Falls, N. Y. Vehicle axle. 2,337,609; Dec. 28.
- Jamison, Charles A., Philadelphia, Pa., assignor to Pennsylvania Crusher Company, New York, N. Y. Coal breaker. 2,321,027; June 8.
- Jamison, C. Bland. (See de Swart, Jan, assignor.)
- Jamison, Clarence B., assignor of twenty per cent to Arthur E. Wright, Beverly Hills, Calif. Adjustable pitch propeller. 2,328,722; Sept. 7.
- Jamison Cold Storage Door Co. (See Leonard, David C. E., assignor.)
- Jampoler, Herbert O. M., Providence, R. I. Adjustable releasing tap holder. 2,325,184; July 27.
- Janda, A., et al. (See Johnson, Olaf A., assignor.)
- Janacek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbo transmission. 2,313,645; Mar. 9.
- Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbo transmission. 2,326,655; Aug. 10.
- Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbo transmission. 2,317,647; Aug. 24.
- Jandasek, Joseph, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Turbotransmission. 2,333,253; Nov. 2.
- Jander, Yorke G., Greenwich, Conn. Safety means for agricultural implements. 2,314,620; Mar. 23.
- Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Automobile wheel locking assembly. 2,315,206; Mar. 30.
- Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever. 2,315,962; Apr. 6.
- Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Automobile wheel lock. 2,315,963; Apr. 6.
- Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Automobile wheel locking assembly. 2,319,931; May 25.
- Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever. 2,329,722; Sept. 21.
- Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield and assembly. 2,336,545; Dec. 14.
- Janacek, Frantisek, and F. K. Janacek, Prague-Nulsa, Czechoslovakia; vested in the Alien Property Custodian. Firearm. 2,315,207; Mar. 30.
- Janacek, Frantisek K. (See Janacek, Frantisek, and F. K.)
- Janes, Clinton S., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter drive. 2,317,327; Apr. 20.
- Janeway, Robert N., Detroit, Mich., and A. M. Miers, Croton-on-Hudson, N. Y., assignors to Railroad Rolling Stock Patents Corporation, Highland Park, Mich. Journal. 2,335,120; Nov. 23.
- Janhunen, Matti, Helsingfors, E. A. Oivukka, Tampere, and I. P. A. Vienola, Helsingfors, Finland; said Oivukka and said Vienola assignors to said Janhunen. Cash register. 2,319,325; May 18.
- Janisch, Maximilian P., Milwaukee, Wis. Artificial bait. 2,319,686; May 18.
- Janiszewski, Kasimir, Milwaukee, Wis. Die set assembly. 2,320,240; May 25.
- Janiszewski, Stephen, assignor to Teletype Corporation, Chicago, Ill. Telegraph transmitting system. 2,331,914; Oct. 19.
- Janikelson, Bernard, Seattle, Wash. Dental unit. 2,308,812; Jan. 19.
- Jannek, Josef. (See Hantge, E., and Jannek.)
- Janisse, Lyle L., Detroit, and J. T. Spencer, Birmingham, Mich., assignors to Detroit Stamping Company. Clamp. 2,333,071; Oct. 26.
- Janssen, Thomas A., Bristol, R. L., assignor to United States Rubber Company, New York, N. Y. Extrusion method and apparatus. 2,331,195; Oct. 5.
- Janonis, George, Detroit, Mich. Door latch mechanism. 2,314,400; Mar. 23.
- Janoska, John J., Anaconda, Mont. Rock drill. 2,331,474; Oct. 12.
- Janowitz, Arnold, assignor to Noma Electric Corporation, New York, N. Y. Decorative illuminating device. 2,334,492; Nov. 16.
- Janowsky, Benjamin, New York, N. Y. Folding umbrella. 2,334,330; Nov. 16.
- Jansen, Eugene F., Takoma Park, and A. K. Balls, Washington, D. C., dedicated to the free use of the People in the territory of the United States. Proteolytic enzyme process. 2,313,875; Mar. 16.
- Jansz, John, Chicago, Ill. Strength-testing machine. 2,330,492; Sept. 28.
- Jansen, Richard L. (See Miller, R., Jansen and Anderson.)
- Janser, Owschia L., assignor to Mark Brainos, London, England. Manufacture of permeable materials suitable for use as sausage casings. 2,317,779; Aug. 27.
- Jansey, Felix. (See Brown, Andrew G., and Jansey.)

- Janson, George W., Nutley, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Printing telegraph system. 2,334,876; Nov. 23.
- Janssen, William H. (See Mansfield, A. P., La Pierre, Janssen, and Mead, Jr.)
- Jansson, Arvid, Wilkinsburg, Pa. Moving message sign. 2,328,948; Sept. 7.
- Janson, Rhoda, assignor to Rice-Stix Dry Goods Company, St. Louis, Mo. Garment. 2,320,605; June 1.
- Japs, Archie B., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polyvinyl halide composition. 2,316,169; Apr. 13.
- Jarboe, Elmer L., Cleveland, Ohio, H. G. Oliver, administrator of said Elmer L. Jarboe, deceased, assignor to E. Y. Jarboe. Attachment for cameras. 2,316,694; Apr. 13.
- Jarboe, Esther V. (See Jarboe, Elmer L., assignor.)
- Jarm, Edwin C., West Springfield, Mass., and L. Verzier, assignors to The Lea Manufacturing Co., Waterbury, Conn. Abrasive faced wheel. 2,327,900; Aug. 24.
- Jarmolowsky, Abraham, Brooklyn, N. Y. Fluorescent lamp. 2,319,736; May 15.
- Jarvis, Frank P., assignor by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Mastic composition for flooring, etc. 2,322,641; June 22.
- Jaros, Lawrence, assignor to The W. J. Schoenberger Company, Cleveland, Ohio. Gas range burner. 2,319,866; May 25.
- Jarvis, W. B., Company. (See Day, George E., assignor.)
- Jasco, Incorporated. (See Bannon, Lewis A., assignor.)
- Jasco, Incorporated. (See Cohen, Charles A., assignor.)
- Jasco, Incorporated. (See Davis, Garland H. B., assignor.)
- Jasco, Incorporated. (See Dennstedt, Ingolf, assignor.)
- Jasco, Incorporated. (See Fisher, Harold W., assignor.)
- Jasco, Incorporated. (See Frolich, P. K., and Bannon, assignors.)
- Jasco, Incorporated. (See Frolich, P. K., and Vanderblit, assignors.)
- Jasco Incorporated. (See Gumlich, W., and Konrad, assignors.)
- Jasco, Incorporated. (See Kellog, H. B., and Lightbown, assignors.)
- Jasco Incorporated. (See Koch, A., and Gartner, assignors.)
- Jasco, Incorporated. (See Lightbown, I. E., and McNab, assignors.)
- Jasco, Incorporated. (See Morrell, C. E., Frolich, and Bannon, assignors.)
- Jasco, Incorporated. (See Mottern, Henry O., assignor.)
- Jasco, Incorporated. (See Mueller-Cunradi, M., and Daniel, assignors.)
- Jasco, Incorporated. (See Otto, M., Gueterbock, and Hellemanns, assignors.)
- Jasco, Incorporated. (See Read, Chester L., assignor.)
- Jasco, Incorporated. (See Sparks, W. J., and Rosen, assignors.)
- Jasco, Incorporated. (See Stuhly, Eldon E., assignor.)
- Jasco, Incorporated. (See Thwaites, Herman L., assignor.)
- Jasco, Incorporated. (See Thomas, R. M., and Lightbown, assignors.)
- Jasco, Incorporated. (See Thomas, R. M., Lightbown, and Sparks, assignors.)
- Jasco, Incorporated. (See Thomas, R. M., and Sparks, assignors.)
- Jasco, Incorporated. (See Turner, Luther B., assignor.)
- Jasco, Incorporated. (See Wright, D. L., and Bohmer, assignors.)
- Jasco, Incorporated. (See Young, David W., assignor.)
- Jasco, Incorporated. (See Zimmer, J. C., and Morway, assignors.)
- Jason, Jacob R., New York, N. Y. Stacking articles. 2,312,821; Mar. 2.
- Jasperson, Robert E., United States Navy. Navigational coordinator. 2,314,353; Mar. 23.
- Jaszczak, Boleslaw, St. Paul, Minn. Cable clamp. 2,337,895; Dec. 28.
- Jaubert, Georges F., Paris, France; vested in the Allen Property Custodian. Plant for the preparation of hydrogen under pressure. 2,332,915; Oct. 26.
- Jauch, Martin, Newark, N. J. Violin string adjuster. 2,322,137; June 15.
- Jauch, Martin, Newark, N. J. Clarinet. 2,332,083; Oct. 19.
- Jauch, Robert J., and R. H. Arnold, assignors to The Wayne Pump Company, Fort Wayne, Ind. Pump. 2,310,178; Feb. 2.
- Jawurek, William. (See Bradley, F. L., Stumpp, and Jawurek.)
- Jay, Benjamin F., New York, N. Y. Musical educational device. 2,315,793; Apr. 6.
- Jayne, David W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preventing evaporation from oil storage tanks. 2,307,508; Jan. 5.
- Jayne, David W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for preventing evaporation from oil storage tanks. 2,330,366; Sept. 28.
- Jayne, David W., Jr. (See Christmann, L. J., Jayne, Jr., and Erickson.)
- Jayne, David W., Jr. (See Christmann, L. J., Jayne and Erickson.)
- Jayne, David W., Jr. (See Erickson, S. E., and Jayne, Jr.)
- Jayne, David W., Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of biguanides. 2,311,295; Feb. 16.
- Jayne, David W., Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of guanil ureas. 2,311,296; Feb. 16.
- Jayne, David W., Jr., Old Greenwich, Conn., S. E. Erickson, Calumet, Minn., and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Concentrating ore materials. 2,312,414; Mar. 2.
- Jayne, David W., Jr., Old Greenwich, H. M. Day, Cos Cob, and S. E. Erickson, Glenbrook, Conn., assignors to American Cyanamid Company, New York, N. Y. Mineral concentration. 2,322,201; June 15.
- Jayne, David W., Jr., Old Greenwich, and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Talloel esters of amino alcohols. 2,322,202; June 15.
- Jayne, David W., Jr., Old Greenwich, and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparing guanil urea formate. 2,323,869; July 6.
- Jayne, David W., Jr., Old Greenwich, and P. C. Schroy, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Curing catalysts for acid-curing thermosetting resins. 2,326,725; Aug. 10.
- Jayne, David W., Jr., Old Greenwich, and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. α -substituted oxazolines, α -substituted pentoxazolines and methods for their preparation. 2,329,619; Sept. 14.
- Jayne, David W., Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Flotation reagent and process. 2,330,587; Sept. 28.
- Jayne, David W., Jr., Old Greenwich, S. E. Erickson, Springfield, and H. M. Day, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Froth flotation of cement raw materials. 2,336,014; Dec. 7.
- Jayne, David W., Jr., Old Greenwich, H. M. Day, Cos Cob, and E. W. Glieseke, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Beneficiation of acidic minerals. 2,336,015; Dec. 7.
- Jayne, David W., Jr., Old Greenwich, H. M. Day, Cos Cob, and E. W. Glieseke, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Concentration of acidic minerals. 2,336,868; Dec. 14.
- Jayne, John K., and M. C. Sewall, New Canaan, Conn., assignors to Transit Advertisers, Inc. Advertising device. 2,336,016; Dec. 7.
- Jaynes, Harry R. (See McCartney, J. C., and Jaynes.)
- Jean, Charles A., et al. (See Esgró, Sam, assignor.)
- Jean, Charles W., Mrs., et al. (See Esgró, Sam, assignor.)
- Jean, James W., Altadena, Calif. Treatment of hydrocarbur. 2,322,850; June 29.
- Jean, Ralph H., et al. (See Esgró, Sam, assignor.)
- Jeannette Glass Company, The. (See Brady, Hugh S., assignor.)
- Jedeled, Alfred. (See Auwärter, M., Jedeled, and Ruthardt.)
- Jefferies, William H. (See Anderson, Charles E., assignor.)
- Jeffers, Thomas H. (See Jackson, W. F., and Jeffers.)
- Jefferson Electric Company. (See Maurer, Leopold, assignor.)
- Jefferson Electric Company. (See Pearson, Oscar A., assignor.)
- Jefferson Electric Company. (See Rickmeyer, Ernst W., assignor.)
- Jefferson Electric Company. (See Rickmeyer, E. W. and Grout, assignors.)
- Jefferson, Lorenz E., Baltimore, Md. Awning hanger. 2,314,354; Mar. 23.
- Jefferson Machine Tool Company Division of the Reh Company. (See Kreimberg, J., and Bichsel, assignors.)
- Jefferson-Travis Radio Manufacturing Corporation. (See Hefele, Edward J., assignor.)
- Jefferson, William T., Los Angeles, Calif. Time indicator for clocks and watches. 2,310,582; Feb. 9.
- Jeffery, Joseph A., Detroit, Mich., assignor to Champion Spark Plug Company, Toledo, Ohio. Spark plug. 2,312,909; Mar. 2.
- Jeffrey, Harold T. (See Yeomans, C., and Jeffrey.)
- Jeffrey, Joseph G., Halifax, assignor of one-third to R. B. MacLennan, Brookfield, and one-third to O. H. Parsons, Halifax, Nova Scotia, Canada. Dancing toy. 2,326,225; Aug. 10.
- Jeffrey Manufacturing Company, The. (See Bird, Byron M., assignor.)
- Jeffrey Manufacturing Company, The. (See Bogner, Joseph G., assignor.)
- Jeffrey Manufacturing Company, The. (See Briggs, Robert E., assignor.)
- Jeffrey Manufacturing Company, The. (See Curley, Morton B., assignor.)
- Jeffrey Manufacturing Company, The. (See Curley, M. B., and Kilbourne, assignors.)
- Jeffrey Manufacturing Company, The. (See Jeffrey, Robert K., assignor.)
- Jeffrey Manufacturing Company, The. (See Jeffrey, R. K., and Mitchell, assignors.)

- Jeffrey Manufacturing Company, The. (See Jeffrey, R. K., and Moon, assignors.)
- Jeffrey Manufacturing Company, The. (See Lemmon, Alexis W., assignor.)
- Jeffrey Manufacturing Company, The. (See Moor, William C., assignor.)
- Jeffrey Manufacturing Company, The. (See Musschoot, Albert, assignor.)
- Jeffrey Manufacturing Company, The. (See Nichols, Richard D., assignor.)
- Jeffrey Manufacturing Company, The. (See Ovestrud, Melvin, assignor.)
- Jeffrey Manufacturing Company, The. (See Patterson, Harry R., assignor.)
- Jeffrey Manufacturing Company, The. (See Saville, Arthur Y., assignor.)
- Jeffrey Manufacturing Company, The. (See Strawn, Orval R., assignor.)
- Jeffrey Manufacturing Company, The. (See Wileman, George N., assignor.)
- Jeffrey, Robert K., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,329,837; Sept. 21.
- Jeffrey, Robert K., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Braking system. 2,329,838; Sept. 21.
- Jeffrey, Robert K., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Hydraulic pump or motor. 2,331,694; Oct. 12.
- Jeffrey, Robert K., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,334,009; Nov. 9.
- Jehly, Robert K., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,334,770; Nov. 23.
- Jeffrey, Robert K., and Sterling C. Moon, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Hydraulic control valve. 2,308,285; Jan. 12.
- Jeffrey, Robert K., and S. C. Moon, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Mining machine. 2,334,771; Nov. 23.
- Jeffrey, Robert K., Columbus, Ohio, and L. E. Mitchell, Columbus, Ohio, by R. D. Nichols, Columbus, Ohio, administrator, assignors to The Jeffrey Manufacturing Company. Mining machine. 2,334,772; Nov. 23.
- Jeffreys, Cecil E. P. (See Henderson, P. G., and Jeffreys.)
- Jehle, Joseph E., assignor to Condor Solvents Inc., Lyndhurst, N. J. Cutting apparatus. 2,335,515; Nov. 30.
- Jehle, Leon P., Buffalo, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Fluid composition. 2,318,079; May 4.
- Jellinek, Ulrich, Elizabeth, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Making balls. 2,313,876; Mar. 16.
- Jelley, Cleveland H., Detroit, Mich. Micrometer 2,332,229; Oct. 19.
- Jelley, Edwin E., assignor to Eastman Kodak Company, Rochester, N. Y. Etching process. 2,324,087; July 13.
- Jelley, Edwin E. (See Weissberger, A., and Jelley.)
- Jelley, Edwin E., and P. W. Vitrum, assignors to Eastman Kodak Company, Rochester, N. Y. Color photography. 2,322,027; June 15.
- Jellinek, Maurice H., Brooklyn, N. Y., assignor to The M. W. Kellogg Company, Jersey City, N. J. Extrusion of substantially surfaced, nonplastic material. 2,336,734; Dec. 14.
- Jencick, Stephen, Chagrin Falls, Ohio. Flexible coupling. 2,308,881; Jan. 19.
- Jendresen, Otto, Milton, assignor to The Parker Pen Company, Janesville, Wis. Apparatus for tipping metal bases with metal tips. 2,308,658; Jan. 19.
- Jendresen, Otto, Milton, assignor to The Parker Pen Company, Janesville, Wis. Apparatus for tipping metal bases with metal tips. 2,308,659; Jan. 19.
- Jenewein, Agnes, and H. Spath, New York, N. Y. Resilient tire. 2,320,331.
- Jenkins, Alexander. (See Thompson, L. E., and Jenkins.)
- Jenkins, Alexander F., Baltimore, Md. Torch tip assembling tool. 2,326,362; Aug. 10.
- Jenkins, Arthur C., Kenmore, N. Y., assignor to The Linde Air Products Company. Method of and apparatus for gas analysis. 2,310,435; Feb. 9.
- Jenkins, Benjamin F. (See Jenkins, H. F., and Jenkins.)
- Jenkins Bros. (See Pitt, Edward J., assignor.)
- Jenkins Bros. (See Gora, Henry Z., assignor.)
- Jenkins, Cecil. (See Woolslayer, H. J., Campbell and Jenkins.)
- Jenkins, Charles F., Laughlinton, and G. A. Moore, Edgewood, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Railway motor frame. 2,323,662; July 6.
- Jenkins, Francis R., Des Moines, Iowa. Hair clipper. 2,323,046; June 29.
- Jenkins, Howard F., and B. F. Jeannette, Pa. Method of annealing. 2,321,917; June 15.
- Jenkins, John D., Forest Hills, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Bodying of drying oils. 2,317,915; Apr. 27.
- Jenkins, John D., Forest Hills, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Fractionation of mixtures of fatty oils and free acids derived therefrom. 2,320,738; June 1.
- Jenkins, Vance N., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Lubricating oil composition. 2,320,241; May 25.
- Jenkins, Wayne E., assignor to Domestic Manufacturing Company, Inc., Los Angeles, Calif. Thermostatically controlled shutoff device. 2,322,520; June 22.
- Jenkins, Wayne E., assignor to Domestic Manufacturing Company, Inc., Los Angeles, Calif. Thermostatically controlled gas valve. 2,332,521; June 22.
- Jenkins, William H., El Monte, Calif. Form clamp. 2,307,274; Jan. 5.
- Jenkins, William H., El Monte, Calif. Tie for concrete forms. 2,320,869; June 1.
- Jenker, Adolf, Wanne-Eickel, Germany; vested in the Alien Property Custodian. Producing bitumenlike materials from coal. 2,319,326; May 18.
- Jenks, Harold C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,327,268; Aug. 17.
- Jenne, Kenneth C., assignor to Malleable Iron Fittings Company, Branford, Conn. Clamp for guy wires and the like. 2,327,307; Aug. 17.
- Jenior, Ralph L., assignor to Lapp Insulator Company, Inc., Le Roy, N. Y. Electric condenser. 2,308,694; Jan. 19.
- Jennings, Alfred J. (See Gocher, W. S., and Jennings.)
- Jennings, Alfred J. (See Langkammerer, C. M., Gocher, and Jennings.)
- Jennings, Andrew B. (See Middleton, E. B., and Jennings.)
- Jennings, Harley Y., Clio, assignor to Copeman Laboratories, Flint, Mich. Recovery apparatus. 2,312,910; Mar. 2.
- Jennings, Harley Y., assignor to Copeman Laboratories Company, Flint, Mich. Process of treating textile materials. 2,334,199; Nov. 16.
- Jennings, Harold E., Chicago, Ill., and J. M. Hutzcl, Columbus, Ohio, assignors to Smithereen Company, Chicago, Ill. New article of manufacture for use as an insecticide and making. 2,320,520; June 1.
- Jennings, Irving C., South Norwalk, Conn. Pump. 2,312,837; Mar. 2.
- Jennings, Oliver S. (See Baxter, H. G., and Jennings.)
- Jennings, Oliver S., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,320,437; June 1.
- Jennings, Oliver S., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,329,053; Sept. 7.
- Jennings, Richard V., Ann Arbor, Mich. Sailboat. 2,319,999; May 25.
- Jennings, Victor H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Multishuttle weft replenishing loom. 2,312,170; Feb. 23.
- Jennings, Victor H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread cutter for looms. 2,326,863; Aug. 17.
- Jennings, Victor H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Loom box motion lever. 2,337,896; Dec. 28.
- Jennings, William A., Des Moines, Iowa. Concrete form panel. 2,336,253; Dec. 7.
- Jennings, William T., Medford, and R. F. Clark, North Billerica, Mass. Grease gun and fitting. 2,320,780; June 1.
- Jennings, Willis A., McKees Rocks, Pa. Paper clip. 2,324,929; July 20.
- Jennison, Helen E., executrix. (See Jennison, H. C., and Bradley.)
- Jennison, Herbert C., deceased, by H. E. Jennison, executrix, Fairfield, and J. C. Bradley, assignors to The American Brass Company, Waterbury, Conn. Inhibiting formation of black spots on tinned copper. 2,336,615; Dec. 14.
- Jennison, Herbert C., deceased, by H. E. Jennison, executrix, Fairfield, and J. C. Bradley, assignors to The American Brass Company, Waterbury, Conn. Inhibiting formation of black spots on tinned copper. 2,336,616; Dec. 14.
- Jenny, Robert W., New Milford, N. J., assignor to Wright Aeronautical Corporation. Piston pin retainer. 2,322,138; June 15.
- Jens, Albert A. (See Williams, H. O., and Jens.)
- Jens, Albert A., assignor to E. E. Johnson, Incorporated, St. Paul, Minn. Welding the ends of supporting rods to end fittings of well screens. 2,312,415; Mar. 2.
- Jensen, Chris B., St. Paul, assignor to Wm. Bros. Boiler & Manufacturing Co., Minneapolis, Minn. Flow rake. 2,337,105; Dec. 21.
- Jenson, Gunnar, Jackson, Mich., assignor to Walker Manufacturing Company of Wisconsin. Assembling silencers. 2,331,325; Oct. 12.
- Jensen, Gustav, assignor to Bulova Watch Company, Incorporated, New York, N. Y. Display container. 2,314,943; Mar. 30.
- Jensen, Herman G. (See Kenney, M. W., and Jensen.)
- Jensen, Herman G., Chicago, Ill. Electric target device. 2,309,614; Jan. 26.
- Jensen, Martinus, Greenwich, Conn. Automobile jack. 2,321,602; June 15.
- Jensen, Otto, Glenside, assignor to I. T.-E. Circuit Breaker Company, Philadelphia, Pa. Circuit breaker. 2,321,603; June 15.

- Jensen, Svend H. (See Peterson, O. and Jensen.)
 Jensen, Thormod, Laurelton, N. Y., assignor to American Machine & Foundry Company. Bread wrapping machine. 2,320,362; June 1.
 Jensen, Thormod, Laurelton, N. Y., assignor to American Machine & Foundry Company. Bread slicer. 2,332,084; Oct. 19.
 Jenter Corporation. (See Jenter, Martin, assignor.)
 Jenter, Martin, Pelham, N. Y., assignor to Jenter Corporation, Ridgefield, N. J. Folder. 2,314,790; Mar. 23.
 Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Coffee maker. 2,312,555; Mar. 2.
 Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Coffee maker. 2,312,556; Mar. 2.
 Jepson, Ivar, Chicago, Ill., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Sprinkler. 2,335,281; Nov. 30.
 Jepson, Percy, Oakland, Calif. Multiple loading track or conveyor for fruit or vegetables. 2,325,862; Aug. 3.
 Jepson, Percy, assignor to Pacific Machinery Company, San Francisco, Calif. Fruit treating machine. 2,300,321; Jan. 26.
 Jerdone, Joseph C., Rochester, N. Y., Necktie producing and conditioning means. 2,312,249; Feb. 23.
 Jerison, Philip A. (See Winton, Lewis B., assignor.)
 Jerstedt, George. (See Lum, J. C., and Jerstedt.)
 Jerstedt, George W., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Corrosion resistant coating for metal surfaces. 2,310,239; Feb. 9.
 Jerstedt, George W., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Corrosion resistant coating for metal surfaces. 2,322,349; June 22.
 Jerstedt, George W., Bloomfield, and J. C. Lum, Union, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective phosphating coating. 2,331,196; Oct. 5.
 Jerome, Clarence R., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,328,049; Sept. 7.
 Jerome, Edwin R., Cranston, R. I., assignor to Victor Ring Traveler Company. Ring traveler. 2,335,121; Nov. 23.
 Jerry, Fred, Los Angeles, Calif., assignor, by mesne assignments, to Barco Manufacturing & Sales Company, Dayton, Ohio. Alternator control system. 2,314,501; Mar. 23.
 Jervis, Fred, Los Angeles, Calif., assignor, by mesne assignments, to Barco Manufacturing & Sales Company, Dayton, Ohio. Alternator control system. 2,317,062; Apr. 20.
 Jesionowski, John, Hartford, Conn. Work holder. 2,320,606; June 1.
 Jesionowski, John, Hartford, Conn. Filling machine. 2,327,843; Aug. 24.
 Jessen, Robert F. (See Tobias, F. J., and Jessen.)
 Jessup, Alfred C., Chant, France, assignor to J. Weizmann, London, England. Cracking of oils. 2,313,241; Mar. 9.
 Jessup, Edgar B., Piedmont, and H. T. Avery, Oakland, Calif., assignors to Marchant Calculating Machine Company. Calculating machine. 2,335,282; Nov. 30.
 Jessup, Markus W., Brazil, Ind. Vapor bath cabinet. 2,326,035; Aug. 3.
 Jessup, Sellers E., Los Angeles, Calif. Air compressor. 2,327,269; Aug. 17.
 Jetcock, Joseph and F. W. Jach, assignors to Lincoln Boyle Ice Company, Chicago, Ill. Vending machine. 2,330,186; Sept. 21.
 Jewell, Bernard W., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Air conditioning unit. Re. 22,303; Apr. 20.
 Jewell, Howard W., Los Angeles, Calif. Pipe joint and collar therefor. 2,313,074; Mar. 9.
 Jewell, Joseph W., Summit, assignor to The M. W. Kellogg Company, Jersey City, N. J. Distillation. 2,323,047; June 29.
 Jewell, Joseph W., Summit, and O. G. Melchior, Hoboken, assignors to The M. W. Kellogg Company, Jersey City, N. J. Accumulator for finely divided solids. 2,336,017; Dec. 7.
 Jewell, Richard G., Swampscott, Mass., assignor to General Electric Company. Telemetering system. 2,330,588; Sept. 28.
 Jewett, John L. (See Trotter, J. C., and Jewett.)
 Jewett, Joseph E., Larchmont, assignor to American Cyanamid Company, New York, N. Y. Distillation of high boiling esters. 2,324,088; July 13.
 Jewett, Nelson J. (See Spainhour, Joseph F., Jr., assignor.)
 Jewtraw, Charles, New York, N. Y. Skating shoe and the like. 2,312,911; Mar. 2.
 Jezler, Hubert, Zurich, Switzerland. Motorcar with parking device. 2,330,894; Oct. 5.
 Jfau, Hans, Berlin-Adlershof, Germany; vested in the Alien Property Custodian. Devices for controlling the pressure and temperature in altitude cabins, particularly for airplanes. 2,328,489; Aug. 31.
 Jicha, Joseph W., Cleveland, Ohio. Fishing reel. 2,327,431; Aug. 24.
 Jimerson, Francis A., Athens, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Safety device. 2,314,218; Mar. 16.
 Jimerson, Francis A., Athens, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Fluid actuated rotary tool. 2,337,897; Dec. 28.
 Jiménez, Ramón C., Winthrop, Mass. Economizing fluid fuel combustion system and method. 2,320,821; June 1.
 Jirousek, Joseph F., assignor to The Chandler & Price Company, Cleveland, Ohio. Dampening roll for printing presses. 2,320,523; June 1.
 Jirsa, Emil F., assignor to John Deere Tractor Company, Waterloo, Iowa. Pump and valve assembly. 2,309,195; Jan. 26.
 Joa, Curt G., Inc. (See Joa, Curt G., assignor.)
 Joa, Curt G., assignor to Curt G. Joa, Inc., Sheboygan Falls, Wis. Stacking and boxing apparatus. 2,324,930; July 20.
 Joachim, Hans, Walnut Creek, and L. B. Burton, Santa Rosa, assignors of one-third to C. S. Plaut, San Francisco, Calif. Mixing and distributing fluids. 2,307,509; Jan. 5.
 Joachim, Joseph G., assignor to Ferro Stamping & Manufacturing Company, Detroit, Mich. Hinge construction. 2,308,759; Jan. 19.
 Joachim, Joseph G., assignor to Ferro Stamping & Manufacturing Company, Detroit, Mich. Latch construction. 2,328,216; Aug. 31.
 Jobe, Frederick W., Brighton, and R. F. E. Stegeman, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Refractor. 2,329,907; Sept. 21.
 Jobe, Frederick W., Brighton, and R. F. E. Stegeman, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Photometer. 2,337,898; Dec. 28.
 Jobert, Arthur H., assignor to The New Britain Machine Company, New Britain, Conn. Automatic stocking means for bar machines. 2,320,039; May 25.
 Joehum, Carl P., assignor of one-half to H. C. Schuldt, Blue Island, Ill. Impression tray. 2,312,171; Feb. 23.
 Joe, Reiner, Inc. (See Reiner, James S., assignor.)
 Joesting, Frederick D., Oak Park, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Condition responsive controller. 2,310,293; Feb. 9.
 Joesting, Frederick D., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostat. 2,326,226; Aug. 10.
 Joesting, Harry F. (See Le Claire, Eugene J., assignor.)
 Jofeh, Lionel. (See Bedford, L. H., Jofeh, and Stevens.)
 Joffe, Morris H., assignor to The Emulsol Corporation, Chicago, Ill. Salad dressing. 2,313,033; Mar. 2.
 Johanns, Martinus J. C., Rotterdam, Netherlands; vested in the Alien Property Custodian. Window structure. 2,313,488; Mar. 9.
 Johannesson, Fritz. (See Dietrich, T., Johannesson, Rabald and Perla.)
 Johannsson, Ydo K., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Folding table latch. 2,318,945; May 11.
 Johansen, Harry C., Michigan City, Ind., assignor to Sullivan Machinery Company. Chuck mechanism. 2,310,960; Feb. 16.
 Johansen, Harry C., Michigan City, Ind., assignor to Sullivan Machinery Company. Drilling apparatus. 2,322,237; June 22.
 Johansen, Johan E. (See Voigt, P. A., and Johansen.)
 Johansen, Rolf H., Oslo, Norway; vested in the Alien Property Custodian. Carrying fixture. 2,313,553; Mar. 9.
 Johanson, Casimir V. (See Egger, E. J. W., Johanson, and Smith.)
 Johanson, Johanna M., Concord, Mass. Mitten. 2,323,136; June 29.
 Johanson, Ernest G., Belmont, assignor to Anchor Manufacturing Company, Boston, Mass. Metal box. 2,329,349; Sept. 14.
 Johanson, Ernest G., Belmont, assignor to Anchor Manufacturing Company, Boston, Mass. Electrical fitting. 2,311,758; Feb. 23.
 Johansson, Johan E., assignor to Aktiebolaget Götaverken, Göteborg, Sweden. Vessel power plant. 2,322,522; June 22.
 John, Arthur R., Dayton, Ohio. Indicating system. 2,309,117; Jan. 26.
 John, Edward T., assignor to The J. R. Clark Company, Minneapolis, Minn. Ironing table top. 2,320,607; June 1.
 Johns, Francis J., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor protective device. 2,318,076; May 4.
 Johns-Manville Corporation. (See Brown, George B., assignor.)
 Johns-Manville Corporation. (See Brown, G. B., and Cannon, assignors.)
 Johns-Manville Corporation. (See Bruce, D. S., Halstead, and Douglas, assignors.)
 Johns-Manville Corporation. (See Christensen, George, assignor.)
 Johns-Manville Corporation. (See Coss, Harold T., assignor.)
 Johns-Manville Corporation. (See Dobak, N., and Powell, assignors.)
 Johns-Manville Corporation. (See Dunbar, James Y., assignor.)
 Johns-Manville Corporation. (See Halstead, Ralph T., assignor.)

- Johns-Manville Corporation. (See MacIldowie, John C., assignor.)
- Johns-Manville Corporation. (See Parkinson, J. S., and Jack, assignors.)
- Johns-Manville Corporation. (See Pearce, Gale T., assignor.)
- Johns-Manville Corporation. (See Quinn, Robert G., assignor.)
- Johns-Manville Corporation. (See Quinn, R. G., and Larison, assignors.)
- Johns-Manville Corporation. (See Rembert, Ernest W., assignor.)
- Johns-Manville Corporation. (See Rourke, Rupert K., assignor.)
- Johns-Manville Corporation. (See Sigloch, L. C., and Lund, assignor.)
- Johns-Manville Corporation. (See Tullen, Ture S., assignor.)
- Johns-Manville Corporation. (See Voigt, P. A., and Johansen, assignors.)
- Johns, Thomas H., Swissvale, and P. W. Sylvander, McKeesport, Pa. Bucket. 2,314,835; Mar. 23.
- Johnsen, Bjornulf, Summit, N. J. Fluid dispensing device. 2,319,867; May 25.
- Johnsen, Clement C., Phoenix, Ariz. Machine for packing buns and the like in cartons. 2,307,510; Jan. 5.
- Johnsen, Thomas O., Tacoma, Wash. Shoe. 2,315,334; Mar. 30.
- Johnson, Albert A., Grahamsville, N. Y. Crane and shovel boom safety stop. 2,318,491; May 4.
- Johnson, Albert L., White Bear Lake, assignor to Johnson Power-On Transmission Corporation, St. Paul, Minn. Transmission. 2,308,082; Jan. 12.
- Johnson, Albert M., assignor to Barnes Drill Co., Rockford, Ill. Method of an apparatus for honing. 2,315,794; Apr. 6.
- Johnson, Albin S., Ironwood, Mich. Package. 2,320,143; May 25.
- Johnson, Albin V., Cedar Grove, assignor to Automotive Economy Corporation, Jersey City, N. J. Auxiliary fuel feeding device for internal combustion engines. 2,321,211; June 8.
- Johnson, Alfred, Chicago, Ill. Shoe tongue forming apparatus. 2,326,656; Aug. 10.
- Johnson, Alfred E., Seattle, Wash. Paper hanger's tear plate. 2,323,047; June 29.
- Johnson, Alfred K., Chicago, Ill. Skate scabbard. 2,323,049; June 29.
- Johnson, Alfred, Skate Company, The. (See Schmidt, Gustav E., assignor.)
- Johnson, Alvin H., Mount Vernon, N. Y. Flotation tank. 2,323,223; June 29.
- Johnson, Arnold, assignor to Tomkins-Johnson Company, Jackson, Mich. Rivet carrier for riveting machines. 2,328,149; Aug. 31.
- Johnson, Arnold, assignor to Arvey Corporation, Chicago, Ill. Collapsible display. 2,332,642; Oct. 26.
- Johnson, Arnold E. W., Chicago, Ill., assignor to International Harvester Company, Thresher. 2,308,367; Jan. 12.
- Johnson, Arnold E. W., Oak Park, and C. F. Crumb, Sr., Clarendon Hills, Ill., assignors to International Harvester Company, Implement hitch. 2,308,368; Jan. 12.
- Johnson, Arnold E. W., Oak Park, and R. D. Acton, Chicago, Ill., assignors to International Harvester Company, Thresher cylinder. 2,327,901; Aug. 24.
- Johnson, Arthur A. (See Johnson, Manfred J., assignor.)
- Johnson, Arthur A., assignor to Casco Products Corporation, Bridgeport, Conn. Switching device. 2,308,882; Jan. 19.
- Johnson, Arthur A., assignor to Casco Products Corporation, Bridgeport, Conn. Automobile accessory. 2,311,395; Feb. 16.
- Johnson, Arthur A., Bridgeport, Conn., assignor to Autographic Register Company, Hoboken, N. J. Strip feeding and severing device. 2,317,354; Apr. 27.
- Johnson, Arthur A., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,319,687; May 18.
- Johnson, Arthur A., Bridgeport, Conn., assignor to Autographic Register Company, Hoboken, N. J. Manifold feeding stationery. 2,328,081; Aug. 31.
- Johnson, Axel F., Chicago, assignor to Chicago Metal Hose Corporation, Maywood, Ill. Coupling structure. 2,309,596; Jan. 26.
- Johnson, Axel F., Chicago, assignor to Chicago Metal Hose Corporation, Maywood, Ill. Coupling construction. 2,323,912; July 13.
- Johnson, Bernard C., Libertyville, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Evaporator. 2,310,906; Feb. 9.
- Johnson, Bernard C., Libertyville, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Evaporator unit with frozen food compartments. 2,324,931; July 20.
- Johnson, Bernard C., Libertyville, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Evaporator. 2,328,723; Sept. 7.
- Johnson, Bernard C., Libertyville, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Evaporator header construction. 2,334,331; Nov. 13.
- Johnson Brothers Engineering Corp., et al. (See Conover, W. C., and (Johnson, assignor).)
- Johnson, Carl E., San Marino, assignor to Sterling Electric Motors, Inc., Los Angeles, Calif. Variable-speed power device. 2,308,813; Jan. 19.
- Johnson, Carl E., San Marino, E. Mendenhall, San Gabriel, and B. N. Palm, San Marino, assignors to Sterling Electric Motors, Inc., Los Angeles, Calif. Variable speed transmission device. 2,325,323; July 27.
- Johnson, Carl E., Lomita, Calif. Crate for water bottles or carboys. 2,325,863; Aug. 3.
- Johnson, Carl G., and J. A. Hoyajian, assignors to J. P. Seeburg Corporation, Chicago, Ill. Phonograph. 2,323,472; July 6.
- Johnson, Carl V., assignor to Bendix Aviation Corporation, South Bend, Ind. Shock strut. 2,313,242; Mar. 9.
- Johnson, Carl W., trustee. (See Schwartzberg, Louis, assignor.)
- Johnson, Carl W., Brooklyn, N. Y., assignor to American Machine and Foundry Company, Lining guide for tie sewing machines. 2,323,543; July 6.
- Johnson, Cecil E., New York, N. Y., assignor to the firm Reddig, Inc., Wilmington, Del. Humidity control. 2,329,903; Sept. 21.
- Johnson, Charles D., assignor to Johnson Steel & Wire Company, Inc., Worcester, Mass. Wire straightener. 2,307,133; Jan. 5.
- Johnson, Charles D., assignor to Johnson Steel and Wire Company, Inc., Worcester, Mass. Wire straightener. 2,318,160; May 4.
- Johnson, Charles E., Jr., Phoenix, Ariz. Bushing tool. 2,310,639; Feb. 9.
- Johnson, Charles F., assignor to Reed Roller Bit Company, Houston, Tex. Valve. 2,310,583; Feb. 9.
- Johnson, Charles H. (See Reid, I. M., and Johnson.)
- Johnson, Charles J., Dallas, Tex., assignor to Braniff Airways, Incorporated, Oklahoma City, Okla. Ignition distribution system. 2,322,448; June 22.
- Johnson, Charles M., Tacoma, Wash. Automatic lid-operating device. 2,311,835; Feb. 23.
- Johnson, Charles M., Washington, D. C. Centrifugal separator. 2,314,986; Mar. 30.
- Johnson, Charles R., Glenn Mills, Pa., R. R. Nydegger, Wilmington, Del., and N. C. Wyeth, Paterson, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stripping machine. 2,307,046; Jan. 5.
- Johnson, Charles R., Glen Mills, and W. P. G. Hall, Berwyn, Pa., assignors to Remington Arms Company, Inc. Ammunition manufacture. 2,321,298; June 8.
- Johnson, Charles R., Glenn Mills, W. S. Pilcher, Woodbury, and C. B. Stanley, Paulsboro, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. End closure for explosive cartridges. 2,326,310; Aug. 10.
- Johnson, Charles S. (See Henning, Raymond A., assignor.)
- Johnson, Charlotte T., Chicago, Ill. Non-slip leather sole. 2,321,088; June 8.
- Johnson, Chester W., Boston, assignor of one-half to Willard MacMillan, Watertown, Mass. Apparatus for vaporizing and applying liquids. 2,319,459; May 18.
- Johnson, Clarence. (See Hines, R. B., and Johnson.)
- Johnson, Clarence J., New Brunswick, N. J. Sheet material cutting machine. 2,321,299; June 8.
- Johnson, Clarence L. (See Conover, W. C., and Johnson.)
- Johnson, Clarence L., assignor to Lockheed Aircraft Corporation, Burbank, Calif. Anti-icing duct. 2,320,870; June 1.
- Johnson, Clarence L., Encino, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Airplane anti-icing construction. 2,324,303; July 13.
- Johnson, Clarence S., Monterey Park, Calif. Repeating toy gun. 2,334,332; Nov. 16.
- Johnson, Clifford E., Medway, Ohio. Coupling device. 2,321,028; June 8.
- Johnson, Conrad B., Eau Claire, and R. B. Trautman, Minneapolis, Minn. Artificial limb. 2,315,795; Apr. 6.
- Johnson, Cornelius L. (See Levison, C., Johnson, and Bennett.)
- Johnson Corporation, The. (See Goff, L. D., and Monroe, assignors.)
- Johnson, Corydon M., Freeport, N. Y. Separable fastener. 2,308,695; Jan. 19.
- Johnson, Corydon M., Freeport, N. Y. Combined universal joint and bearing. 2,331,982; Oct. 19.
- Johnson, David W., New Britain, assignor to The Arrow-Hart & Hegeman Electric Co., Hartford, Conn. Multiple-circuit breaker. 2,322,646; June 22.
- Johnson, David W., New Britain, assignor to The Arrow-Hart & Hegeman Electric Co., Hartford, Conn. Push-pull switch. 2,335,283; Nov. 30.
- Johnson, Donald C., Berkeley, Calif. Surveying instrument. 2,327,982; Aug. 31.
- Johnson, Dwight O., Woodside, and A. F. Anderson, Bell, assignors to National Motor Bearing Co., Inc., Oakland, Calif. Fluid seal. Re. 22,337; June 22.
- Johnson, Edward, Montclair, N. J., assignor to Meinecke & Company, Inc., New York, N. Y. Restraining device. 2,308,466; Jan. 12.
- Johnson, Edward E., Incorporated. (See Bodey, Charles E., Jr., assignor.)

- Johnson, Edward E., Incorporated. (See Jens, Albert A., assignor.)
- Johnson, Edward E., Incorporated. (See Williams, H. O., and Jens, assignors.)
- Johnson, Edwin B., Chicago, Ill. Lead brace. 2,336,869; Dec. 14.
- Johnson, Ellsworth T. (See Anderson, R. L., Frederiksen, Johnson, and Paradise.)
- Johnson, Ellsworth T. (See Coultas, W. J., and Johnson.)
- Johnson, Elmer E., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electric switch means. 2,321,212; June 8.
- Johnson, Elmer E., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electric switch. 2,323,050; June 29.
- Johnson, Elsa M., administratrix. (See Johnson, Oscar.)
- Johnson, Elvin H., Winnetka, Ill. Builder's hardware. 2,311,278; Feb. 16.
- Johnson, Emil T. (See Edison, Thomas A., assignor.)
- Johnson, Emil T., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Flow regulator. 2,312,251; Feb. 23.
- Johnson, Emil T., assignor to Thomas A. Edison Incorporated, West Orange, N. J. Condition responsive indicating instrument. 2,333,793; Nov. 9.
- Johnson, Eric, Brodhead, Wis. Auxiliary ladder leg. 2,320,144; May 25.
- Johnson, Erick G., Rock Island, Ill. Battery clamp. 2,314,219; Mar. 16.
- Johnson, Erling E. (See Stempel, E. H., and Johnson.)
- Johnson, Ernest E., Kansas City, Mo. Apparatus for flanging or otherwise forming marginal edges of plates. 2,308,432; Jan. 12.
- Johnson, Ernest W., Birmingham, assignor of one-half to Vandervell Products Limited, London, England. Shock absorber. 2,321,818; June 15.
- Johnson, Ernest W., Birmingham, Warwickshire, assignor of one-half to Vandervell Products Limited, London, England. Shock absorber. 2,331,782; Oct. 12.
- Johnson, Ervin G., trustee. (See Parry, Willet, assignor.)
- Johnson, Evert F., assignor to The Pennell Company, Oak City, Pa. Blow-up card file holding and designating machine. 2,314,705; Mar. 23.
- Johnson, Ewing M., Chicago, Ill. Writing device. 2,334,412; Nov. 16.
- Johnson, Floyd D., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Relay system. 2,313,942; Mar. 16.
- Johnson, Floyd D., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical protective system. 2,323,776; July 6.
- Johnson, Francis E., Mount Vernon, N. Y. Coffee making device. 2,311,759; Feb. 23.
- Johnson, Frank A., San Francisco, Calif. Biscuit and cookie cutter and ejector. 2,314,401; Mar. 23.
- Johnson, Frank B. (See Staby, E. E., and Johnson.)
- Johnson, Frank E., Malden, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Rotary operative fastener. 2,309,731; Feb. 2.
- Johnson, Frank E., Malden, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Rotary operative fastener. 2,309,732; Feb. 2.
- Johnson, Frank E., Malden, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Rotary fastener and. 2,329,039; Sept. 21.
- Johnson, Frank W., Seattle, Wash. Community tool stall. 2,326,936; Dec. 14.
- Johnson, Franklin E. (See Cole, R. A., and Johnson.)
- Johnson, Fred J., Rockville Centre, N. Y. Molded article, binder, and manufacturing the same. 2,315,713; Apr. 6.
- Johnson Gas Appliance Company. (See English, John C., assignor.)
- Johnson (Gear & Manufacturing Co., Ltd. (See Drake, Frank B., assignor.)
- Johnson, George C., et al. (See Starrett, Rupert M., assignor.)
- Johnson, George D., assignor to S. Morgan Smith Company, York, Pa. Tapered plug valve. 2,330,493; Sept. 28.
- Johnson, George H., assignor to Gisholt Machine Company, Madison, Wis. Transmission and control mechanism. 2,331,695; Oct. 12.
- Johnson, George H. (See Harmon, J. F., and Johnson.)
- Johnson, George T., Denver, Colo. Combustion chamber. 2,316,794; Apr. 20.
- Johnson, George V., assignor to Willamette Hyster Company, Portland, Oreg. Industrial lift truck. 2,321,029; June 8.
- Johnson, George V., assignor to Willamette Hyster Company, Portland, Oreg. Industrial truck. 2,337,109; Dec. 21.
- Johnson, George W., Beverly Hills, Calif. Dispenser for beverages. 2,307,589; Jan. 5.
- Johnson, Gerald C. (See Cushing, George, assignor.)
- Johnson, Gladstone A., U. S. Army, Toulumne, Calif. Trailer. 2,325,609; Aug. 3.
- Johnson, Glen F., assignor to Bower Roller Bearing Company, Detroit, Mich. Lapping machine. 2,316,071; Apr. 6.
- Johnson, Glen F., assignor to Bower Roller Bearing Company, Detroit, Mich. Method and machine for truing grinding wheels. 2,323,401; July 6.
- Johnson, Glen F., assignor to Bower Roller Bearing Company, Detroit, Mich. Lapping machine. 2,328,809; Sept. 7.
- Johnson, Glenn D. (See Jones, William L., assignor.)
- Johnson, Glenn D., Compton, assignor to Baush-Ross Tool Company, Los Angeles, Calif. Drilling safety joint. 2,307,275; Jan. 5.
- Johnson, Glenn D., Compton, assignor to Baush-Ross Tool Company, Los Angeles, Calif. Elevator link. 2,313,243; Mar. 9.
- Johnson, Gordon W., Overland Park, Kans. Poultry plucking machine. 2,337,201; Dec. 21.
- Johnson, Gustav R., East Providence, R. I. Skate sharpener. 2,327,717; Aug. 24.
- Johnson, Halligan, Miami, Fla. Amusement apparatus. 2,310,327; May 18.
- Johnson, Harold L., Newport Beach, Calif. Pitch gauge and milling cutter for propellers. 2,318,865; May 11.
- Johnson, Harry E. (See Prutton, Carl E., and Johnson.)
- Johnson, Harry H., Kansas City, Mo. Cigarette package having means for attaching matches thereto. 2,315,904; Apr. 6.
- Johnson, Harry L., Minneapolis, Minn. Grain separator catch and return device. 2,313,150; Mar. 9.
- Johnson, Harry L., Los Angeles, Calif. Countersink stop. 2,317,615; Apr. 27.
- Johnson, Harry B. (See McKee, Graydon S., Wilson, and Johnson.)
- Johnson, Helena E., executrix. (See Johnson, Leonard W., assignor.)
- Johnson, Herbert C. (See Wilcox, Russell I., assignor.)
- Johnson, Herbert F., et al. (See Silver, Charles, assignor.)
- Johnson, Herman K., Grand Haven, Mich. Cooling apparatus. 2,324,707; July 20.
- Johnson, Herman K., Grand Haven, Mich., assignor to The Bastian-Blessing Co., Chicago, Ill. Refrigerating apparatus. 2,328,810; Sept. 7.
- Johnson, Hugh B., Rochester, N. Y. Mosquito bar support. 2,311,109; Feb. 16.
- Johnson, Irvin F., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Template. 2,322,028; June 15.
- Johnson, Irving B., Malden, and A. Arquilla, Medford, Mass. Finishing lined brake shoe. 2,328,650; Sept. 7.
- Johnson, Jack, Compton, assignor to Methox Well Cleaning Corp., Long Beach, Calif. Gun perforator and firing device therefor. 2,334,931; Nov. 23.
- Johnson, Jacob M., Fargo, N. Dak. Strike plate gauge. 2,317,462; Apr. 27.
- Johnson, James M., and E. C. Brown, New York, N. Y., assignors to Nostrip, Inc. Bituminous composition. 2,317,959; Apr. 27.
- Johnson, James P., Shaker Heights, Ohio. Coupling. 2,319,134; May 11.
- Johnson, James P., Shaker Heights, Ohio. Fuel control valve. 2,324,932; July 20.
- Johnson, James P., Shaker Heights, Ohio. Pressure regulator valve. 2,326,462; Aug. 10.
- Johnson, James P., Shaker Heights, Ohio. Coupling. 2,334,877; Nov. 23.
- Johnson, James S., South Pasadena, Calif. Floor furnace. 2,335,678; Nov. 30.
- Johnson, Jay M., Detroit, Mich. Display device. 2,327,270; Aug. 17.
- Johnson, John G., Winona, Minn. Portable apparatus for treating flax straw. 2,316,590; Apr. 13.
- Johnson, John A., assignor to Art Metal Construction Company, Jamestown, N. Y. Paper file. 2,324,260; July 13.
- Johnson, John B., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,324,089; July 13.
- Johnson, John E. (See Hansen, W. L., Hurst, and Johnson.)
- Johnson, John E., assignor to Watson-Williams Manufacturing Company, Millbury, Mass. Thread tension device for loom shuttles. 2,322,564; June 22.
- Johnson, John E., assignor to Watson-Williams Manufacturing Company, Millbury, Mass. Loom shuttle. 2,322,365; June 22.
- Johnson, John G., Lead City, S. Dak. Safety blasting cap. 2,327,902; Aug. 24.
- Johnson, John H., Delaware, Ohio. Life jacket. 2,313,151; Mar. 9.
- Johnson, John H., Toronto, Ontario, Canada. Air mattress. 2,318,492; May 4.
- Johnson, John M., Kansas City, Mo. Sprinkler head. 2,312,252; Feb. 23.
- Johnson, John M., Lindborg, Kans. Combined sweep rake and stacker. 2,323,605; July 6.
- Johnson, John R. (See Pedorchak, W. J., Johnson, and Jackson.)
- Johnson, John R. (See Smith, C. B., and Johnson.)
- Johnson, John R., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 2,307,222; Jan. 5.
- Johnson & Johnson. (See Cruickshank, George A., assignor.)
- Johnson & Johnson. (See Ganz, Henry, assignor.)
- Johnson & Johnson. (See Hardy, George E., assignor.)
- Johnson & Johnson. (See Korsgaard, Paul, assignor.)
- Johnson & Johnson. (See Stonehill, Albert A., assignor.)

- Johnson, Joseph M., Birmingham, Ala. Traffic rate finding machine. 2,313,998; Mar. 16.
- Johnson, Kenneth L., Sewickley, Pa. Fastener. 2,323,999; July 13.
- Johnson, Kenneth S., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone set circuit. 2,332,643; Oct. 26.
- Johnson Laboratories, Inc. (See Berge, Godshalk, assignor.)
- Johnson Laboratories, Inc. (See McGall, Philip K., assignor.)
- Johnson Laboratories, Inc. (See Schaper, William A., assignor.)
- Johnson Laboratories, Inc. (See Sinninger, Dwight V., assignor.)
- Johnson Laboratories, Inc. (See Whipple, Allen D., assignor.)
- Johnson, Lake C., Pasadena, Calif. Combination couch and bed structure. 2,334,493; Nov. 16.
- Johnson, Lane, Milwaukee, Wis., assignor to S. V. H. Corporation, Lake Forest, Ill. Hair remover. 2,314,220; Mar. 16.
- Johnson, Lennart L., Minneapolis, Minn. Valve stem grinding attachment. 2,316,591; Apr. 13.
- Johnson, Leonard W., Batavia, Ill.; H. E. Johnson, executrix of said L. W. Johnson, deceased, assignor to H. E. Johnson. Wrench. 2,332,971; Oct. 26.
- Johnson, Leonard W., deceased, by H. E. Johnson, Batavia, Ill., executrix; assignor to H. E. Johnson. Wrench construction. 2,332,972; Oct. 26.
- Johnson, Loren E., Lander, Wyo. Adjustable display stand. 2,310,439; Feb. 9.
- Johnson, Lyman B., Cleveland Heights, Ohio, assignor to General Electric Company. Gaseous discharge lamp. 2,313,646; Mar. 9.
- Johnson, Manfred J., Naugatuck, Conn. Motor control. 2,307,131; Jan. 5.
- Johnson, Manfred J., Naugatuck, Conn. Potentiometer. 2,307,135; Jan. 5.
- Johnson, Manfred J., assignor to J-B-T Instruments, Inc., New Haven, Conn. Measuring or gauge device. Re. 22,414; Dec. 28.
- Johnson, Manfred J., New Haven, assignor of one-half to A. A. Johnson, Bridgeport, Conn. Photoelectric control device. 2,331,475; Oct. 12.
- Johnson, Melvin M. (See Johnson, Melvin M., Jr., assignor.)
- Johnson, Melvin M., Jr., assignor to M. M. Johnson, Brookline, and said Melvin M. Johnson, Jr., and Edward E. Rice, Boston, Mass., as trustees of Johnson Patent Trust, Bayonet. 2,333,379; Nov. 2.
- Johnson, Melvin N., Fairbault, Minn. Air vented tank drain. 2,311,177; Feb. 16.
- Johnson, Melvin W., Nutley, N. J., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Printing upon fabrics. 2,310,436; Feb. 9.
- Johnson, Olaf A., Minneapolis, Minn., assignor of one-third to J. P. O'Brien and one-third to A. Janda, Walpole, N. Dak. Holder for articles such as pens and pencils. 2,307,511; Jan. 5.
- Johnson, Orville H., Wausau, Neb., assignor to James R. Kearney Corporation, St. Louis, Mo. Guy tongs. 2,328,217; Aug. 31.
- Johnson, Oscar. (See Bailey, G. C., and Johnson.)
- Johnson, Oscar, Hadley, N. Y. Delivery receptacle. 2,330,367; Sept. 28.
- Johnson, Oscar, deceased, by E. M. Johnson, Bayside, Long Island, administratrix, assignor of three-eighths to G. Burman, New York, N. Y. Wrench. 2,320,083; May 25.
- Johnson, Oscar A., assignor to Riley Stoker Corporation, Worcester, Mass. Rotary feeder. 2,317,274; Apr. 20.
- Johnson, Oscar J. (See Conner, J. K., Bird, Flakker, and Johnson.)
- Johnson, Oscar N. (See Macdonald, L. S., and Johnson.)
- Johnson, Oscar W., Rochester, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio. Cover lock and extractor control. 2,325,406; July 27.
- Johnson, Oscar W., Rochester, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio. Combined ironing and folding machine. 2,330,977; Oct. 5.
- Johnson, Otto W., Oakland, Calif. Fruit pitter. 2,323,137; June 29.
- Johnson Patent Trust. (See Johnson, Melvin M., Jr.)
- Johnson, Paul P. (See Thoren, T. R., and Johnson.)
- Johnson, Percy J., Cleveland Heights, Ohio, assignor to General Electric Company. Electric discharge device. 2,312,246; Feb. 23.
- Johnson, Percy J., Cleveland Heights, Ohio, assignor to General Electric Company. Base structure for electrical devices. 2,334,631; Nov. 16.
- Johnson, Pete, Rutland, N. Dak. Adjustable louver assembly. 2,321,684; June 15.
- Johnson Power-On Transmission Corporation. (See Johnson, Albert L., assignor.)
- Johnson, Raymond, Westmoreland County, Pa., assignor to Carnegie-Illinois Steel Corporation, Uniformly surfacing flat metal bodies. 2,333,936; Nov. 9.
- Johnson, Reginald S. (See McEachron, E. J., Thom, Schroeder, and Johnson.)
- Johnson, Reynold B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Educational device. 2,310,437; Feb. 9.
- Johnson, Reynold B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Multiplying device. 2,310,438; Feb. 9.
- Johnson, Reynold B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,325,953; Aug. 3.
- Johnson, Richard A. S., Chicago, Ill. Constant current transformer. 2,312,416; Mar. 2.
- Johnson, Richard C., Port Washington, N. Y., and H. E. Marting, Rutherford, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Bracket. 2,328,724; Sept. 7.
- Johnson, Robert I. (See Clayton, W., Johnson, and Dean.)
- Johnson, Robert M., Little Rock, Ark. Portable scaffold. 2,318,493; May 4.
- Johnson, Roy W., Milwaukee, Wis. Constant level device. 2,309,770; Feb. 2.
- Johnson, Roy W., Milwaukee, Wis. Valve. 2,311,110; Feb. 16.
- Johnson, Roy W., Milwaukee, Wis. Conversion oil control device. 2,317,063; Apr. 20.
- Johnson, Roy W., and C. E. Zarwell, assignors to Automatic Products Company, Milwaukee, Wis. Water regulating valve. 2,318,161; May 4.
- Johnson, Roy W., and C. L. Aughey, assignors to Automatic Products Company, Milwaukee, Wis. Mechanical refrigerating system. 2,321,819; June 15.
- Johnson, Russell W., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener and fastener installation. 2,332,852; Oct. 26.
- Johnson, Russell W., Worcester, Mass., assignor to Groov-Pin Corporation, Union City. Making taper pins. 2,335,418; Nov. 30.
- Johnson, Samuel J., West Chester, assignor to Clopay Corporation, Cincinnati, Ohio. Window shade attaching means. 2,322,092; June 15.
- Johnson, Samuel J., West Chester, assignor to Clopay Corporation, Cincinnati, Ohio. Garment storage bag. 2,329,620; Sept. 14.
- Johnson, Samuel J., West Chester, assignor to Clopay Corporation, Cincinnati, Ohio. Black-out shade attaching means. 2,329,621; Sept. 14.
- Johnson Service Company. (See Otto, Carl A., assignor.)
- Johnson Service Company. (See Scharpf, Otto, assignor.)
- Johnson, Stanley, Stockport, England. Pulverizing mill. 2,329,910; Sept. 21.
- Johnson, Stanley G., Hartford, assignor to Niles-Bement-Fond Company, West Hartford, Conn. Lead tester for screw threads. 2,308,011; Jan. 12.
- Johnson Steel & Wire Company. (See Johnson, Charles D., assignor.)
- Johnson, Theodore W., assignor to Deere & Company, Moline, Ill. Planter. 2,319,737; May 18.
- Johnson, Theodore W., assignor to Deere & Company, Moline, Ill. Agricultural implement. 2,337,662; Dec. 28.
- Johnson, Thomas M. E., Lamar, Mo. Apparatus for treating the surface of vehicles. 2,309,247; Jan. 26.
- Johnson, Thos. S., trustee. (See Walliser, Robert E., assignor.)
- Johnson, Tomlinson F., Atlanta, Ga. High tension electric switch. 2,333,011; Oct. 26.
- Johnson, Vincent A., Evanston, Ill., assignor to Automatic Electric Laboratories, Inc. Indicating system. 2,330,358; Sept. 28.
- Johnson, Walter E., Topeka, Kans. Blueprint trimming device. 2,316,249; Apr. 13.
- Johnson, Walter H. (See Connerty, H. V., and Johnson.)
- Johnson, Walter L., Bay City, Mich. Measuring instrument. 2,326,363; Aug. 10.
- Johnson, William A. (See Tawney, G. L., and Johnson.)
- Johnson, William B., U. S. Army. Tool box. 2,311,664; Feb. 23.
- Johnson, William B., U. S. Army. Cap retainer. 2,322,805; June 29.
- Johnson, William B., U. S. Army, Baltimore, Md. Folding pedal. 2,323,913; July 13.
- Johnson, William B., U. S. Army, Baltimore, Md. Ambulance step. 2,324,507; July 20.
- Johnson, William B., U. S. Army, Baltimore, Md. Military vehicle body. 2,324,508; July 20.
- Johnson, William B., U. S. Army. Retractable spout. 2,328,020; Aug. 31.
- Johnson, William B., United States Army, Baltimore, Md. Adapter closure assembly. 2,329,716; Sept. 21.
- Johnson, William, Council Bluffs, Iowa. Means to protect lawns and fields. 2,314,045; Mar. 16.
- Johnson, William C., Winterset, Iowa. Anchor groove forming device for concrete structures. 2,318,692; May 11.
- Johnson, William C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Rotary kiln chain arrangement. 2,332,724; Oct. 26.
- Johnson, William C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Screen. 2,334,707; Nov. 23.
- Johnson, William E., Beebe, Ark. Scaling hammer. 2,335,150; Nov. 23.

- Johnson, William H., Cranston, assignor to Westkenson Corporation, Providence, R. I. Infinitely variable speed transmission. 2,316,793; Apr. 20.
- Johnson, William H., New York, N. Y. Repair clamp. 2,324,773; Nov. 23.
- Johnson, William T., and M. L. Farrell, Dwight, Ill. Brake apparatus for railway cars. 2,322,143; June 22.
- Johnson, William V., Washington, D. C. Beverage mixer and dispenser. 2,327,432; Aug. 24.
- Johnson, William V., Washington, D. C. Key holder. 2,327,433; Aug. 24.
- Johnson, Wilfred E., Superior, Wis. Combined wheel and tire levers. 2,332,722; Nov. 4.
- Johnson, Wilfrid E., Marblehead, Mass., assignor to General Electric Company. Internal combustion engine arrangement. 2,332,916; Oct. 26.
- Johnson, Adam T. (See O'Hagan, B. E., and Johnson.)
- Johnson, Emma L., executive. (See Dowd, E. M., and Johnson.)
- Johnson, Charles O., Wilmington, Del. Educational and display device. 2,310,738; Feb. 9.
- Johnson, Charles S., Chicago, Ill. Freight car. 2,316,698; Apr. 13.
- Johnson, Charles S., Glencoe, assignor to Transportation Specialties Company, Chicago, Ill. Refrigerator rack. 2,311,442; Feb. 16.
- Johnson, Charles S., Glencoe, assignor to Transportation Specialties Company, Chicago, Ill. Railway car truck. 2,315,592; Apr. 13.
- Johnson, Charles S., Glencoe, Ill., assignor to Transportation Specialties Co., Chicago, Ill. Convertible bulkhead. 2,331,197; Oct. 5.
- Johnson, Charles S., Glencoe, assignor to Transportation Specialties Company, Chicago, Ill. Refrigerator unit. 2,336,687; Dec. 14.
- Johnson, Charles S. (See Dowd, E. M., and Johnson.)
- Johnson, Douglas, assignor to Tallman Manufacturing Company, Shelbyville, Ill. Radial hydraulic pump. 2,307,374; Jan. 5.
- Johnson, Douglas, assignor to L. R. G. L., and E. S. Tallman, Shelbyville, and J. L. Tallman, Decatur, Ill., trading as Tallman Manufacturing Company. Breather for fluid-actuated machinery. 2,319,100; May 18.
- Johnson, Dwight A., assignor to McKay Machine Company, Youngstown, Ohio. Automatic tube cutoff. 2,328,163; Aug. 10.
- Johnson, Dwight A., assignor to McKay Machine Company, Youngstown, Ohio. Apparatus for making metallic surfacing sheets. 2,327,844; Aug. 24.
- Johnson, Francis C., Visalia, Calif. Measuring vessel. 2,326,144; Aug. 10.
- Johnson, Frank R. (See Churchman, R. C., and Johnson.)
- Johnson, Frederick L., Claymont, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Water insoluble resinous condensation products of semicarbazide with formaldehyde. 2,308,066; Jan. 19.
- Johnson, Harry, St. Louis, Mo., assignor, by mesne assignments, of one-half to Edward Greensfelder and Mercantile Commerce Bank and Trust Company, trustees under the will of Wilton Rubinstein, deceased, and one-half to Edward Greensfelder and Mercantile Commerce Bank and Trust Company, trustees for Blanche Rubinstein, Louise Rubinstein, and Ann Rubinstein, and Peggy Rubinstein. Sewing machine for collars. 2,317,614; Apr. 27.
- Johnson, Harry, assignor, by mesne assignments, to Mercantile Commerce Bank and Trust Company, and E. Greensfelder, St. Louis, Mo., trustees under the will of W. Rubinstein, deceased. Thermal attaching machine. 2,322,298; June 22.
- Johnson, Harry L., Ames, Iowa. Soap conserving device. 2,308,614; Jan. 19.
- Johnson, Harry M., and G. Sneddon, Jr., McKeesport, Pa., assignors to National Tube Company. Chuck. 2,323,091; June 29.
- Johnson, Herbert A., Anaheim, Calif. Fracture securing apparatus. 2,327,434; Aug. 24.
- Johnson, Howard M., assignor to Massey-Harris Company Ltd., Toronto, Ontario, Canada. Grain grinder gate valve. 2,314,706; Mar. 23.
- Johnson, Howard M., assignor to Massey-Harris Company Ltd., Toronto, Ontario, Canada. Hitch for tractor drawn implements. 2,327,308; Aug. 17.
- Johnson, James O., assignor to City Fuel Oil and Coal Company, St. Petersburg, Fla. Ignition system. 2,309,319; Jan. 26.
- Johnson & Jennings Company, The. (See Harm, George O., assignor.)
- Johnson, John, Jersey City, N. J. Nontilting fifth wheel. 2,320,278; May 25.
- Johnson, John, Short Hills, N. J., assignor to United States Steel Corporation of Delaware. Heat treating electrical silicon steel. 2,336,617; Dec. 14.
- Johnson, Lottie H., Boston, Mass., assignor to Arthur D. Little, Inc. High boiling compounds and preparing them. 2,335,012; Nov. 23.
- Johnson, Mordica O., Glendale, Calif. Testing wells. 2,337,752; Dec. 28.
- Johnson, Norris. (See Bertness, T. A., Johnson, and Newton.)
- Johnson, Norris. (See Greenup, H. W., and Johnson.)
- Johnston, Perry, Ford City, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for making lens blanks. 2,335,419; Nov. 30.
- Johnston, Raymond H., Newtown, Ind., assignor to Coffing Company, Danville, Ill. Hoist structure. 2,324,000; July 13.
- Johnston, Robert C., Tyler, Tex. Polish rod rotator. 2,318,315; May 4.
- Johnston, Roy B., Moline, Ill., assignor to International Harvester Company. Harvester-thresher. 2,312,833; Mar. 2.
- Johnston, Wayburn E., Minneapolis, Minn. Camera mounting. 2,326,657; Aug. 10.
- Johnston, William, Jr., Williamsburg, Pa. End dump tender pot. 2,316,336; Apr. 13.
- Johnston, William B., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Plasticizing amino-formaldehyde resins. 2,311,341; Feb. 16.
- Johnston, William R. (See Kirby, G. W., Johnston, and Frey.)
- Johnston, William R., Bronx, N. C. Gore, and C. N. Frey, Seaside, assignors to Standard Brands Incorporated, New York, N. Y. Treatment of fat containing materials, and product. 2,314,988; Mar. 30.
- Johnston, William R., Bronx, W. E. Stokes, Brooklyn, M. H. Kennedy, New York, and C. N. Frey, Seaside, assignors to Standard Brands Incorporated, New York, N. Y. Fruit compositions and preservation. 2,315,858; Apr. 6.
- Johnstone, Edwin P., Jr., Stamford, and W. J. van Loo, Jr., East Port Chester, Conn., assignors to American Cyanamid Company, New York, N. Y. Treatment of woolen textile materials. 2,329,622; Sept. 14.
- Johnstone, Fleurette C., Pasadena, Calif. Infant toilet seat belt. 2,320,935; June 1.
- Johnstone, Fleurette C., Pasadena, Calif. Infant's belt. 2,321,788; Oct. 12.
- Johnstone, Robert A., Aurora, Ind. Multiple spindle turn-out attachment for machine tools and the like. 2,322,450; June 22.
- Johnstone, Robert L., University City, Mo. Vibrator. 2,325,248; July 27.
- Johnstone, Robert McE., Bondsville, Pa. Slitting machine. 2,312,172; Feb. 23.
- Johnstone, Robert McE., Bondsville, Pa. Slitter unit assembly. 2,312,173; Feb. 23.
- Johnstone, Warren W., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,318,495; May 4.
- Joiner, Sylvester L., Sweetwater, assignor of three-fourths to R. E. Graves, Brownwood, Tex. Safety attachment for car-coupler locks. 2,327,271; Aug. 17.
- Jokubich, Wayne J. (See Fryer, L. S., and Jokubich.)
- Jolivette, David H., Sioux Falls, S. Dak., assignor, by mesne assignments, of 295/725 to M. L. Ryndon, 287/725 to M. L. Ryndon, 69/725 to add Jolivette, and 74/725 to L. Ryndon. Window frame structure. 2,308,978; Jan. 19.
- Jolley, David A. (See Jolley, D. A., and Scarborough, assignor.)
- Jolley, David A., and J. P. Scarborough, Kannapolis, N. C., add Scarborough assignor to add Jolley. Coating apparatus for yarn holders. 2,330,494; Sept. 28.
- Jolly, Gladys, et al. (See Briggs, Ernest B., assignor.)
- Jolly, William C., Indianapolis, Ind. Solid fuel stoker. 2,333,426; Nov. 2.
- Jonas, Frank D., East Williston, assignor to Oxford Filing Supply Co., Brooklyn, N. Y. Multiple suspension file. 2,312,717; Mar. 2.
- Jonas, Frank D., East Williston, assignor to Oxford Filing Supply Co., Brooklyn, N. Y. Suspension file. 2,318,077; May 4.
- Jonas, Frank D., East Williston, assignor to Oxford Filing Supply Co., Brooklyn, N. Y. Combined suspension and visible filing system. 2,329,201; Sept. 14.
- Jonas, Julius, Zurich, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Protective arrangement for high voltage systems. 2,327,190; Aug. 17.
- Jonassen, Jonas, assignor, by mesne assignments, to S. Krakauer, New York, and S. S. Marcus, Lewisboro, N. Y. Machine for forming clips and connecting wire member together thereby. 2,329,202; Sept. 14.
- Jonich, Andro. (See Ljubetich, Carmen, and Dominic, Boskovich, and Jonich.)
- Jones, Allen M., Washington, D. C. Stabilized phonograph arm. 2,331,122; Oct. 5.
- Jones, Basil E. (See Parke, P., Tully, Andersen, and Jones.)
- Jones, Basil E. (See Tully, J. K., and Jones.)
- Jones, Basil E., Flossmoor, assignor to The Pullman Company, Chicago, Ill. Faceplate arrangement. 2,322,192; June 15.
- Jones, Basil E., Flossmoor, assignor to The Pullman Company, Chicago, Ill. Arm rest. 2,337,557; Dec. 28.
- Jones, Benjamin R., Salisbury, N. C. Power driven stencil tool. 2,332,085; Oct. 19.
- Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,319,000; May 11.

- Jones, Bliss M., and C. H. Streeter, assignors to Rodney Hunt Machine Company, Orange, Mass. Adjustable cloth guide. 2,309,647; Feb. 2.
- Jones, Bolling, Jr., R. H. and L. White, assignors to Atlanta Stove Works, Atlanta, Ga. Portable stove. 2,314,791; Mar. 23.
- Jones, Burr W., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,308,979; Jan. 19.
- Jones, Burr W., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter. 2,319,688; May 18.
- Jones, Burr W., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter. 2,321,388; June 8.
- Jones, Burr W., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,325,518; July 27.
- Jones, Burr W., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,332,086; Oct. 19.
- Jones, Byron G., United States Army, Fort Knox, Ky. Armored vehicle body. 2,330,218; Sept. 28.
- Jones, Carl F., and W. T. Clarke, Brooklyn, and B. J. Zenlea, Ozone Park, assignors to Rockwood & Co., New York N. Y. Cocoa product and making the same. 2,336,254; Dec. 7.
- Jones, Cecil K. (See Hussey, R. B., and Jones.)
- Jones, Charles H., Warwick, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 2,328,344; Dec. 14.
- Jones, Charles R., and A. G. Simpson, Saint Albans, assignors to The Research Association of British Flour Millers, London, England. Conditioning or treatment of wheat prior to milling. 2,318,999; May 11.
- Jones, Clara M., et al. (See Hicks, Lewis E., assignor.)
- Jones, Clarence M., Tulsa, Okla. Rubber sleeve applicator. 2,334,568; Nov. 16.
- Jones, Dederig, Columbus, Ohio, assignor to Curtiss-Wright Corporation. Routing machine fixtures. 2,317,616; Apr. 27.
- Jones, Don F., assignor to Motor Wheel Corporation, Lansing, Mich. Fuel control for oil burners. 2,313,554; Mar. 9.
- Jones, Don F., and W. Miller, assignors to Motor Wheel Corporation, Lansing, Mich. Air circulator. 2,313,555; Mar. 9.
- Jones, Dudley G., Aldwyck, London, England. Pump, compressor, or hydraulic motor. 2,312,417; Mar. 2.
- Jones, Dudley G., Aldwyck, London, England. Radial cylinder motor and the like. 2,326,464; Aug. 10.
- Jones, Dwight E., assignor to E. D. Jones & Sons Company, Pittsfield, Mass. Beater roll. 2,324,845; July 20.
- Jones, Dwight E., assignor to E. D. Jones & Sons Company, Pittsfield, Mass. Jordan shell filling. 2,335,841; Nov. 30.
- Jones, E. D. & Sons Company. (See Jones, Dwight E., assignor.)
- Jones, Edna B. (See Gay, Arthur W., assignor.)
- Jones, Edward Le R., III, Tucson, Ariz. Exercising device. 2,315,485; Apr. 6.
- Jones, Edwin A., Shorewood, Wis. Control means for heating devices. 2,318,228; May 4.
- Jones, Edwin A., Shorewood, Wis. Automatic control means for heating devices. 2,328,279; Aug. 31.
- Jones, Edwin A., Shorewood, Wis. Control means and system of control for heating devices. 2,328,280; Aug. 31.
- Jones, Edwin A., Shorewood, Wis. Control system for heating devices. 2,331,476; Oct. 12.
- Jones, Everett P. (See Nicholson, W. R., and Jones.)
- Jones, Everett P., Elizabeth, N. J., assignor to The Linde Air Products Company. Forming shaped surfaces on metal members and article produced thereby. 2,329,270; Sept. 14.
- Jones, Frank, Toronto, Ontario, Canada. Garment. 2,322,451; June 22.
- Jones, Frank A. (See Meyer, J. J., and Jones.)
- Jones, Frank D. (See Moschel, H., Jones, Mappin, and McClellan.)
- Jones, Frank D., assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Windrow pickup press. 2,318,229; May 4.
- Jones, Frank J., and J. L. Bitter, Elizabethton, Tenn., assignors to North American Rayon Corporation, New York, N. Y. Process and apparatus for twisting rayon. 2,318,162; May 4.
- Jones, Franklin D., Upper Darby, assignor to American Chemical Paint Company, Ambler, Pa. Regulating the growth of plants. 2,314,091; Mar. 16.
- Jones, Frederick M. (See Numero, J. A., and Jones.)
- Jones, Frederick M., Minneapolis, Minn., assignor to U. S. Thermo Control Company. Removable cooling unit for compartments. 2,336,735; Dec. 14.
- Jones, George D., Baltimore, Md., and R. D. Fisher, Coudersport, Pa., assignors to The Cleveland Tractor Company, Cleveland, Ohio. Tractor cultivator. 2,337,110; Dec. 21.
- Jones, George L., Garden City, assignor to Sperry Products, Inc., Hoboken, N. J. Rail flaw detector mechanism. 2,322,452; June 22.
- Jones, Gordon F. (See Maslin, A. J., and Jones.)
- Jones, Harold, Stanmore, England. Tool holder. 2,337,663; Dec. 28.
- Jones, Harry S., assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,313,943; Mar. 16.
- Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 2,315,714; Apr. 6.
- Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Temperature control instrument. 2,319,406; May 18.
- Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Electrical control system. 2,335,943; Dec. 7.
- Jones, Harry S., Washington, D. C., assignor to The Brown Instrument Company, Philadelphia, Pa. Resistor. 2,337,202; Dec. 21.
- Jones, Howard B., Evanston, Ill. Electric plug. 2,318,230; May 4.
- Jones, Hilton I., assignor to Hizone Products, Wilmette, Ill. Embalming composition. 2,333,182; Nov. 2.
- Jones, Inley P. (See Ferguson, R. P., and Jones.)
- Jones, James B., West Hartford, and A. L. Le Febvre, assignors to The Fuller Brush Company, Hartford, Conn. Brush making. 2,310,897; Feb. 9.
- Jones, James I., Midland, Mich., and L. D. Richards, Freeport, Tex., assignors to The Dow Chemical Company, Midland, Mich. Removing sulphur halide impurities from sulphur. 2,336,688; Dec. 14.
- Jones, James L., Washington, Ga., assignor to Hercules Powder Company, Wilmington, Del. Recovery process. 2,336,546; Dec. 14.
- Jones, James L., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Resin recovery process. 2,336,547; Dec. 14.
- Jones, James P., et al. (See Rothberg, James H., assignor.)
- Jones, James R., Lakewood, assignor to Art Metal Construction Company, Jamestown, N. Y. Desk. 2,328,019; Aug. 31.
- Jones, James R., Lakewood, assignor to Art Metal Construction Company, Jamestown, N. Y. Trays and tray stack. 2,334,825; Nov. 23.
- Jones, James R., Lakewood, and V. A. Gronberg, assignors to Art Metal Construction Company, Jamestown, N. Y. Compressor or follower for file receptacles. 2,330,976; Oct. 5.
- Jones, Jean P. (See Hepp, H. J., and Jones.)
- Jones, John L., Weymouth, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Device for operating upon shoes. 2,307,136; Jan. 5.
- Jones, John W., assignor to H. K. Bellwood, Greenwood, S. C. Check for picker sticks. 2,319,689; May 18.
- Jones, John W., Greenville, assignor to Harlett K. Bellwood, Greenwood, S. C. Device for preventing separation of picker stick feet and stands. 2,332,853; Oct. 26.
- Jones, Jonathan S., Oak Park, Ill. Towel holder. 2,333,254; Nov. 2.
- Jones & Lamson Machine Company. (See Davis, Lee M., assignor.)
- Jones & Lamson Machine Company. (See Finn, Robert E., assignor.)
- Jones & Lamson Machine Company. (See Holmes, Morris P., assignor.)
- Jones & Lamson Machine Company. (See Holmes, M. P., assignor.)
- Jones & Lamson Machine Company. (See Lovely, J. E., and Longe, assignors.)
- Jones & Laughlin Steel Corporation. (See Clark, Harold T., assignor.)
- Jones & Laughlin Steel Corporation. (See Webster, Richard R., assignor.)
- Jones, Lawrence M., and H. E. Anderson, Harvey, Ill. Dresser for grinders. 2,327,272; Aug. 17.
- Jones, Leo D., assignor to The Sharples Corporation, Philadelphia, Pa. Centrifugal purification of liquids. 2,321,144; June 8.
- Jones, Leo D., assignor to The Sharples Corporation, Philadelphia, Pa. Centrifugal separating method and apparatus. 2,321,918; June 15.
- Jones, Leo D., assignor to The Sharples Corporation, Philadelphia, Pa. Centrifugal separator. 2,324,933; July 20.
- Jones, Leo D., assignor to The Sharples Corporation, Philadelphia, Pa. Oil purifying system for vehicles. 2,335,420; Nov. 30.
- Jones, Lester L., Oradell, N. J. Cleaning and antistim film applying article. 2,333,794; Nov. 9.
- Jones, Lester L., Oradell, assignor to Conmar Products Corporation, Newark, N. J. Tape for slide fasteners. 2,333,314; Nov. 2.
- Jones, Lewis H., Chicago, Ill., assignor to Wingfoot Corporation, Wilmington, Del. Container. 2,308,177; Jan. 12.
- Jones, Lloyd, Greenfield Township, Erie County, Pa. Making artificial dentures and apparatus therefor. 2,311,836; Feb. 23.
- Jones, Lloyd, North East, Pa. Metal rolling mill. 2,312,648; Mar. 2.
- Jones, Lloyd B., Hollidaysburg, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Cushioning device. 2,322,642; June 22.

- Jones, Lloyd E., Beaumont, Tex. Internal grooving tool. 2,333,935; Nov. 9.
- Jones, Luther L. (See Wilson, Earl R., assignor.)
- Jones, Lynn, and G. Blake, Indianapolis, Iowa, assignors, by mesne assignments, to New Method Equipment Company, Los Angeles, 2,334,010; Nov. 9.
- Jones, Mawdryn. (See Taylor, W., and Jones.)
- Jones, Mary N., et al. (See Nash, William M., assignor.)
- Jones, Minor C. K., Westfield, N. J., assignor to Standard Oil Development Company. Refining mineral oils. 2,319,738; May 18.
- Jones, Minor C. K., Bound Brook, and R. C. Brandon, Elizabeth, N. J., assignors to Standard Oil Development Company. Sweetening petroleum distillates. 2,320,277; May 25.
- Jones, Minor C. K., Elizabeth, and B. R. Strickland, Roselle, N. J., assignors to Standard Oil Development Company. Recovery of phenols from mineral oils. 2,327,526; Aug. 24.
- Jones, Morris L., Burbank, Calif. Soap cake hanger. 2,320,603; June 1.
- Jones, Paul C. (See Dodwell, John M., assignor.)
- Jones, Paul C. (See Mathes, R. A., and Jones.)
- Jones, Paul C., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tetrahydro benzothiazole. 2,316,250; Apr. 13.
- Jones, Paul C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,317,163; Apr. 27.
- Jones, Paul C., Silver Lake, and Roger A. Mathes, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. Re. 22,300; Apr. 13.
- Jones, Paul C., and R. A. Mathes, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,323,775; July 6.
- Jones, Paul C., and R. A. Mathes, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,334,630; Nov. 16.
- Jones, Philip H., Redondo Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Drilling mud treatment. 2,331,090; Oct. 12.
- Jones, Preston O., et al. (See Hicks, Lewis E., assignor.)
- Jones, Rubin, et al. (See Hattery, Charles H., assignor.)
- Jones, Ralph. (See Isaacks, J. E., and Jones.)
- Jones, Ray D. (See Goss, W. R., and Jones.)
- Jones, Robert L., Evanston, Ill., assignor to Carrier Corporation, Syracuse, N. Y. Smokehouse, N. Y. Smokehouse apparatus. 2,312,339; Mar. 2.
- Jones, Ronald A. (See Prendergast, J. J., Jones, and Gladden.)
- Jones, Ronald A. (See Prendergast, J. J., Jones, and Gladden.)
- Jones, Ruel C., Wilkesburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit controlling apparatus. 2,326,036; Aug. 3.
- Jones, Russell H. B., Duluth, Minn. Treating iron ore. 2,331,074; Oct. 5.
- Jones, Russell H. B., Duluth, Minn. Treating iron ore. 2,336,018; Dec. 14.
- Jones, Sam P., Dallas, Tex. Method of and system for vaporizing hydrocarbon liquids. 2,314,279; Mar. 16.
- Jones, Samuel F., London, Ontario, Canada. Carton. 2,321,145; June 8.
- Jones & Vining, Inc. (See Palardy, Andrew J., assignor.)
- Jones, W. Bartlett, Chicago, Ill., assignor to Wood Conversion Company, Cloquet, Minn. Therman insulation. 2,313,345; Mar. 9.
- Jones, Walter, Princeton, N. J., assignor to Carrier Corporation, Syracuse, N. Y. Refrigeration. 2,314,402; Mar. 23.
- Jones, Walter, Princeton, N. J., assignor to Carrier Corporation, Syracuse, N. Y. Refrigeration. 2,324,627; July 20.
- Jones, Walter I., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Rotary operative fastener. 2,309,733; Feb. 2.
- Jones, Walter I., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener. 2,322,643; June 22.
- Jones, Walter I., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Key-carrying device. 2,322,644; June 22.
- Jones, Walter I., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Key carrying device. 2,322,645; June 22.
- Jones, Walter I., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Rotary operative fastener. 2,332,854; Oct. 26.
- Jones, Walter I., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Wiring clip. 2,332,855; Oct. 26.
- Jones, Walter I., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Rotary operative fastener. 2,334,676; Nov. 16.
- Jones, Walter L., Webster Groves, Mo. Card selector. 2,315,860; Apr. 6.
- Jones, Walter O., assignor to The Wean Engineering Company, Inc., Warren, Ohio. Expanding and contracting mandrel for coil holders, reels, or the like. 2,321,146; June 8.
- Jones, Walter R., Brooklyn, N. Y. Photographic jigsaw puzzle. 2,328,281; Aug. 31.
- Jones, Whitney W., Philadelphia, Pa. Parking meter. 2,332,402; July 6.
- Jones, William A., Ottawa, Ontario, Canada. Heating appliance. 2,314,987; Mar. 30.
- Jones, William A., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Pump. 2,331,148; Nov. 9.
- Jones, William C., El Paso, Tex. Muffler. 2,313,244; Mar. 9.
- Jones, William F., Jr., and A. Meller, Birmingham, Ala. Billet notcher. 2,327,110; Aug. 17.
- Jones, William J., Oblong, Ill. Surface rod line jack. 2,318,494; May 2.
- Jones, William L., assignor of fifty-one per cent to Glenn W. Johnson, Centralia, Ill. Spring end mounting means. 2,333,183; Nov. 2.
- Jones, William S., and W. Braker, Brooklyn, assignors to E. R. Squibb & Sons, New York, N. Y. Azo compounds. 2,309,118; Jan. 26.
- Jongeneel, Albert M., et al. (See Loucks, C. A., and Schmidt, assignors.)
- Jonsson, Arvid, Malung, Sweden. Compass, particularly for orientation purposes. 2,336,789; Dec. 14.
- Jonsson, Arvid, Malung, Sweden. Orientation compass. 2,336,790; Dec. 14.
- Jonsson, Nils W., Obbola, Sweden. Apparatus for controlling the grading, draining, or washing fibrous suspended matter. 2,312,969; Mar. 2.
- Jopson, William S., assignor to Beauty Industries, Limited, Hamilton, Ontario, Canada. Baby panties. 2,320,458; June 1.
- Jordan, David E. (See Roehr, Alexander H., assignor.)
- Jordan, Hubert F., and G. E. Shriver, Nutley, assignors to United States Rubber Company, New York, N. Y. Filtering apparatus. 2,332,017; Oct. 26.
- Jordan, Isaac N., assignor to Armaray Company, Chicago, Ill. Container filling mechanism. 2,334,559; Nov. 16.
- Jordan, Isaac N., assignor to Armour and Company, Chicago, Ill. Packing comminuted meats. 2,334,774; Nov. 23.
- Jordan, John W., Port Allegany, assignor to Pittsburgh Corning Corporation, Allegheny County, Pa. Composite building unit. 2,333,723; Nov. 9.
- Jordan, Lavern J., Fairview Village, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Treating thread or the like. 2,309,771; Feb. 2.
- Jordan, Ralph J. (See Wagner, Erwin and W. S., and Jordan.)
- Jordan, Richard H., Hamden, assignor to The A. C. Gilbert Company, New Haven, Conn. Fan oscillator with stationed handle control. 2,319,064; May 11.
- Jordan, Warren D., Waukegan, Ill., assignor to American Can Company, New York, N. Y. Key assembling machine. 2,315,526; Apr. 6.
- Jordan, Warren D., and H. N. Mondloch, Waukegan, Ill., assignors to American Can Company, New York, N. Y. Can closing machine. 2,323,914; July 13.
- Jordan, Wayne D., Chicago, and P. D. Van Vleet, Galeburg, assignors to The Liquid Carbonic Corporation, Chicago, Ill. Refrigerating system. 2,333,012; Oct. 26.
- Jordan, Wesley A. (See Walton, W. T., and Jordan.)
- Jordan, Wesley A., Chicago, Ill., assignor to The Sherwin-Williams Company. Producing synthetic esters. 2,307,734; Jan. 12.
- Jordan, William H., Kansas City, Mo. Variable pressure system. 2,332,725; Oct. 26.
- Jürg, Eugen. (See Kuppenbender, H., Eyth, and Jürg.)
- Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for use in the manufacture of shoes. 2,324,509; July 20.
- Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Cement applying mechanism. 2,324,510; July 20.
- Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe-supporting means for shoe machines. 2,324,511; July 20.
- Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Upper trimming means. 2,324,512; July 20.
- Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine. 2,328,077; Aug. 31.
- Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Toe lasting machine and method. 2,337,558; Dec. 28.
- Jorgensen, Clarence H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Automatic choke mechanism and choke valve. 2,327,903; Aug. 24.
- Jorgensen, David F., Temple City, Calif. Mouse trap. 2,311,178; Feb. 16.
- Jorgensen, David F., Temple City, Calif. Trap for ground burrowing rodents. 2,337,822; Dec. 28.
- Jorgensen, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Heel-end lasting machine. 2,328,075; Aug. 31.
- Jorgensen, Julius, Detroit, Mich. Pressure pump. 2,318,782; May 11.
- Jorgenson, Arthur P., Racine, Wis., assignor to Landon P. Smith, Inc., Irvington, N. J. Paint-mixing machine. 2,323,403; July 6.

- Jorgenson, Arthur P., assignor to Roan Mfg. Co., Racine, Wis. Delayed action interrupter electric impulse apparatus. 2,325,249; July 27.
- Jorgenson, John P., Evanston, assignor to Ayr-Mor Laundry Machinery Co., Chicago, Ill. Washing machine. 2,313,152; Mar. 9.
- Jorolemon, Earl W., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Combustion chamber. 2,329,271; Sept. 14.
- Jorolemon, Earl W., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Combustion chamber. 2,329,272; Sept. 14.
- Joseph, Felix A., Scarsdale, N. Y., now by judicial change of name Felix Joseph Alexander. Ash tray. 2,318,078; May 4.
- Josephian, William, Oakland, Calif. Tank truck. 2,317,064; Apr. 20.
- Joslin, Asher L., Charlotte, N. C., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread remover for weft replenishing looms. 2,336,255; Dec. 7.
- Joslin, Charles B., Hollidays Cove, W. Va., assignor to National Steel Corporation. Roll Brush. 2,317,533; Apr. 27.
- Jostich, Rudolph, Jr., and E. J. Phillips, Detroit, Mich. Locking device. 2,331,555; Oct. 12.
- Journal Box Sealing Corporation. (See Bissell W. T., and Harold, assignors.)
- Journal Company, The. (See McMullen, Joseph E., assignor.)
- Joy, Joseph F., Claremont, N. H. Fire control instrument. 2,325,610; Aug. 3.
- Joy, Joseph F., Claremont, N. H. Hydropneumatic device. 2,334,708; Nov. 23.
- Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Kerf cutting machine. 2,315,430; Mar. 30.
- Joy, Joseph P., Franklin, Pa., assignor to Sullivan Machinery Company. Mining machine. 2,333,865; Nov. 9.
- Joy Manufacturing Company. (See Arentzen, E. M., and Lee, assignors.)
- Joy Manufacturing Company. (See Dudley, Victor I., assignor.)
- Joy Manufacturing Company. (See Lee, Arthur L., assignor.)
- Joy Manufacturing Company. (See Russell, John D., assignor.)
- Joyce, Bryan P., East Orange, N. J., assignor to American Armament Corporation, New York, N. Y. Wheeled vehicle. 2,313,877; Mar. 16.
- Joyce, Bryan P., East Orange, N. J., assignor to American Armament Corporation, New York, N. Y. Ordnance traveling lock. 2,324,213; July 13.
- Joyce, Bryan P., East Orange, N. J., assignor to American Armament Corporation, New York, N. Y. Gun-firing mechanism. 2,327,047; Aug. 17.
- Joyce, Bryan P., East Orange, H. M. Brayton, Dover, D. J. Walsh, Jersey City, N. J., and D. Dardick, Brooklyn, assignors to American Armament Corporation, New York, N. Y. Land mine and fuse. 2,324,846; July 20.
- Joyce-Cridland Company, The. (See Hott, Ion Von K., assignor.)
- Joyce, Edward F., Kansas City, Kans. Tail joint cover. 2,308,286; Jan. 12.
- Joyce, Floyd E., and E. J. Lindhardt, assignors to National By-Products, Inc., Des Moines, Iowa. Soap product and making same. 2,332,727; Oct. 26.
- Joyce, Inc. (See Hill, George S., assignor.)
- Joyce, James C., Eagle Rock, Calif. Terminal block. 2,327,048; Aug. 17.
- Joyce, Paul B. (See Schneider, Phillip C., assignor.)
- Joyce, Robert M., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of hydroxylamine. 2,307,929; Jan. 12.
- Joyce, Robert M., Greenville, Miss. Establishing the moisture content of ginned cotton. 2,312,557; Mar. 2.
- Joyce, William J., Jr., Southbridge, Mass., assignor to General Motors Corporation, Detroit, Mich. Making metallic base. 2,332,726; Oct. 26.
- Joyce, William J., Southbridge, Mass., assignor to General Motors Corporation, Detroit, Mich. Clutch plate. 2,337,111; Dec. 21.
- Joyce, William J., and H. D. Geyer, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Shredding rubber. 2,318,693; May 11.
- Jubic, Alfred A., Cloquet, Minn. Torpedo deflector. 2,333,380; Nov. 2.
- Juchter, Pieter, Scotia, N. Y., assignor to General Electric Company. Control system. 2,331,697; Oct. 12.
- Judd, H. L. Company. (See Werner, F. H., and Whitehead, assignors.)
- Judd, H. L. Company. (See Whitehead, O. N., and Dlouhy, assignors.)
- Judelshon, Oscar I. (See Nowka, Hans W., assignor.)
- Judge, Louis L., Baltimore, Md. Fastener for eyeleted edges. 2,334,268; Nov. 16.
- Judge, Thomas J. (See Little, R. J., and Judge.)
- Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,314,280; Mar. 16.
- Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,330,895; Oct. 5.
- Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Coded highway crossing control system for railroads. 2,335,765; Nov. 30.
- Judisch, Carl H., assignor to The Whitney Blake Company, New Haven, Conn. Connector plug. 2,316,072; Apr. 6.
- Judisch, Carl H., assignor to The Whitney Blake Company, New Haven, Conn. Electric plug assembling machine. 2,316,593; Apr. 13.
- Jenkins, Forest H., Pittsfield, Mass., assignor to General Electric Company. Vibration-free mounting. 2,311,996; Feb. 16.
- Judsen, Niles A. (See Saunders, N. H., and Judsen.)
- Judson, Robert H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antinoise brake structure. 2,300,368; Sept. 28.
- Judy, Ernest D., Fort Angeles, assignor of one-third to H. S. Labisky, Seattle, Wash. Clothes washer. 2,329,623; Sept. 14.
- Juell, Fredrik, Oslo, Norway; vested in the Alien Property Custodian. Method and device for separating solid substances from suspension. 2,330,589; Sept. 28.
- Julien, Louis F., assignor to Chamberlin Metal Weather Strip Company, Detroit, Mich. Weather stripping. 2,322,239; July 15.
- Julien, Maurice F. A., Paris, France; vested in the Alien Property Custodian. Resilient transmission joint. 2,312,470; Mar. 2.
- Julien, Maurice F. A., and Y. A. Rocard, Paris, France; vested in the Alien Property Custodian. Resilient suspension, particularly for bodies driven with a rotary motion. 2,312,822; Mar. 2.
- Julius, Zenius J., Los Angeles, Calif. Driving mechanism. 2,337,330; Dec. 21.
- Juliot, Joseph, assignor to Northern Wisconsin Manufacturing Co., Pepin, Wis. Harrow. 2,320,000; May 25.
- Julius, Awdry F. (See Julius, George A.)
- Julius, Awdry F. (See Julius, G. A., and Julius.)
- Julius, George A., and A. F. Julius, Sydney, New South Wales, Australia. Integrating and total displaying mechanism for totalizers. 2,324,778; July 20.
- Julius, George A., and A. F., Sydney, New South Wales, Australia. Ticket issue counting mechanism for totalizers. 2,335,122; Nov. 23.
- Julyan, Fred G. (See Schweickart, W. M., and Julyan.)
- Julyan, Fred G., and W. M. Schweickart, Euclid, Ohio, assignors to Pochontas Fuel Company, Incorporated, New York, N. Y. Ash disposal apparatus for stokers. 2,321,389; June 8.
- Jundt, George A., Chicago, Ill. Can holder and dispenser. 2,320,084; May 25.
- June, Aubrey B., Seattle, Wash. Valve keeper tool. 2,318,866; May 11.
- June, William M., Syracuse, N. Y. Physician's in-and-out register for hospitals. 2,324,934; July 20.
- Jung, Adolf, Dessau, and G. Wilmanns, Schoneberg near Kronberg in Taunus, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Protective and auxiliary layers of all kinds for photographic material. 2,335,944; Dec. 7.
- Jung, Albert H., Flushing, assignor to United American Metals Corporation, Brooklyn, N. Y. Fluid passage swivel joint. 2,326,037; Aug. 3.
- Junger, Henry G., Dumont, assignor to Air Associates Incorporated, Bendix, N. J. Propeller spinner. 2,336,256; Dec. 7.
- Jungersen, Thøger G., Mimico, Ontario, Canada. Optical reflecting material. 2,310,790; Feb. 9.
- Jungmans, Helmut, Schramberg-Sulgen, Wurttemberg, Germany; vested in the Alien Property Custodian. Securing device for clocks. 2,320,609; June 1.
- Jungmann, Martin, New York, N. Y. Orthopaedic device. 2,320,183; May 25.
- Junker, Otto, Lammersdorf über Aachen, E. Breuer, Strauch Kreis Monschau, and K. Knauff, Lammersdorf über Aachen, Germany; vested in the Alien Property Custodian. Electric furnace. 2,323,141; June 29.
- Junkin, Malcolm P., Drexel Hill, assignor to L. Wolf, E. Wolf, H. A. Wolf and W. L. Wolf, copartners doing business as National Metal Edge Box Company, Philadelphia, Pa. Box staying machine. 2,332,644; Oct. 26.
- Junkins, Raymond D., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Control system. 2,323,180; June 29.
- Junkins, Raymond D., Cleveland Heights, Ohio. Control system. 2,324,513; July 20.
- Junkins, Raymond D., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Control system. 2,337,851; Dec. 28.
- Junkins, Raymond D., Cleveland Heights, J. D. Ryder, University Heights, and J. F. Luhrs, Cleveland Heights, Ohio, assignor to Bailey Meter Company. Control system. 2,315,627; Apr. 6.
- Junkmann, Karl. (See Maier-Hüser, H., and Junkmann.)
- Junkmann, Karl, Berlin, Germany, assignor to Schering Corporation, Bloomfield, N. J. Manufacture of highly active substances from the posterior lobe of the hypophysis. 2,308,287; Jan. 12.
- Junkmann, Karl, Berlin, Germany, assignor to Schering Corporation, Bloomfield, N. J. Manufacture of the corticotrophic hormone. 2,337,823; Dec. 28.
- Junkunc, Stephen, Jr. (See Lessman, Gerhard, assignor.)

- Juppenlatz, John W., assignor to Treadwell Engineering Company, Easton, Pa. Molding composition. 2,313,697; Mar. 9.
- Jurgensen, Reynold P., and R. V. MacAllister, assignors to Clinton Company, Clinton, Iowa. Manufacture of dextrase. 2,337,852; Dec. 28.
- Jurgensen, Reynold P., and R. V. MacAllister, assignors to Clinton Company, Clinton, Iowa. Manufacture of dextrase. 2,337,853; Dec. 28.
- Jurist, Alfred E. (See Christensen, W. G., and Jurist.)
- Jurs, Albert E., Piedmont, Calif. Relief valve. 2,316,649; Apr. 13.
- Juslin, Victor E., and J. P. Carlevaro, Oakland, assignors, by mesne assignments, to J. T. Kemper, Hayward, Calif. Cable clamp. 2,310,440; Feb. 9.
- Jussen, Herbert C. (See Darley, Lester W., assignor.)
- Just, George A. (See Lunken, E. H., and Just.)
- Justite Manufacturing Company. (See Packer, Charles S., assignor.)
- Juttner, Gordon J. (See Buckland, E. M., Juttner and Marchok.)
- Jutz, Erich. (See Trieschmann, H.-G., Jutz, and Reichender.)
- Junstinen, Leonard, Brooklyn, N. Y. Ash shovel and conveyor. 2,334,191; Nov. 9.
- Juvenile Wood Products, Inc. (See Muller, Albert B., assignor.)
- Juzl, Viktor, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Flow-through tubular steam generator. 2,321,390; June 8.
- K-D Lamp Company, The. (See Dettmer, Albert B., assignor.)
- K-D Lamp Company, The. (See Trautner, Wagn, assignor.)
- K. L. G. Sparking Plugs Limited. (See Carlington, Charles M., assignor.)
- Kabel, Hans L., Modesto, Calif., assignor to The Borden Company, New York, N. Y. Sheet feeding apparatus. 2,335,064; Nov. 23.
- Kablitzing, Marcelo C., Redwood City, Calif. Paper cutter. 2,320,363; June 1.
- Kachel, Charles, Williamsville, N. Y. Fishing reel. 2,321,820; June 15.
- Kahr, Joseph J., Chicago, assignor of one half to A. E. Norman, Evanston, Ill. Automatic clutch. 2,309,597; Jan. 20.
- Kaelin, Edward S., assignor to F. C. Kingston, Los Angeles, Calif. Valve. 2,317,065; Apr. 20.
- Kaplin, Edward S., assignor to Frederick C. Kingston, Los Angeles, Calif. Safety valve. 2,322,130; June 15.
- Kaemmerling, Gustav H., assignor to Lord Manufacturing Company, Erie, Pa. Cushion. 2,322,193; June 15.
- Kaempf, Harold B., et al. (See Baggott, Edmund W., assignor.)
- Kaestle, Frank L., Schenectady, N. Y., assignor to General Electric Company. Electric valve control circuits. 2,310,594; Apr. 13.
- Kaestner, Albert C. (See Peter, W. J., and Kaestner.)
- Kafow, Jan, Far Rockaway, N. Y. Metalworking apparatus and method. 2,314,403; Mar. 23.
- Katow, Johann, Long Island City, N. Y., assignor of one-half to F. Goldschmidt, Prague, Czechoslovakia. Producing elongated bodies by deformation. Re. 22,341; July 6.
- Kagan, William, St. Louis, Mo. Thermostatic alarm for heat bearings. 2,312,099; Feb. 23.
- Kagley, William H. (See Drake, E. P., Alberty, and Kagley.)
- Kahl, Fritz. (See Knox, A. L., and Kahl.)
- Kahl, John O., assignor to Acme Gear & Machine Company, Philadelphia, Pa. Spraying machine. 2,317,066; Apr. 20.
- Kahle, Heinrich, Munich-Pullach, and S. Stark, Munich-Grunwald, Germany; vested in the Alien Property Custodian. Apparatus for the drying of gases. 2,316,251; Apr. 13.
- Kahler, Edwin. (See Kosky, J. G., Brodbeck, and Kahler.)
- Kahler, William H. (See Costa, J. L., and Kahler.)
- Kahn, David, Inc. (See Para, John W., assignor.)
- Kahn, Julius. (See Kramer, S., and Kahn.)
- Kahn, Julian S., New York, N. Y. Needle threader. 2,311,965; Feb. 23.
- Kahn, Julian S., New York, N. Y. Dispenser. 2,330,176; Sept. 21.
- Kahn, Lawrence, Brooklyn, N. Y. Dress form and hanger. 2,315,371; Mar. 30.
- Kahn, Walter, Middleburg, Union of South Africa. Device for supporting smokers' pipes. 2,317,534; Apr. 27.
- Kähr, Gustaf, Stockholm, Sweden. Composite board structure. 2,324,628; July 20.
- Kahr, Martin, assignor to The Filer & Stowell Co., Milwaukee, Wis. Saw mill dog. 2,318,163; May 4.
- Kahr, Rudy, Hollywood, Calif. Floor screen. 2,324,398; July 13.
- Kaiser, Albert G. (See Kaiser, Edward W., assignor.)
- Kaiser, Charles, Jr., assignor to Eagle Pencil Company, New York, N. Y. Decoration of rods. 2,331,983; Oct. 19.
- Kaiser, Donald W. (See Thurston, J. T., and Kaiser.)
- Kaiser, Edward W., assignor to A. G. Kaiser, Chicago, Ill. Shower bath mechanism. 2,336,402; Dec. 7.
- Kaiser, Harry E. (See Hanna, W. C., Kaiser, and Harvey.)
- Kaiser, Wilhelm. (See Hentrich, W., Kaiser, and Endres.)
- Kaiser, Wilhelm. (See Hentrich, W., Kirstahler, and Kaiser.)
- Kabajan, Harry J., assignor to Harley C. Loney Company, Detroit, Mich. Removing tool for balance weights. 2,314,145; Mar. 16.
- Kabajan, Harry J., assignor to Harley C. Loney Company, Detroit, Mich. Molding die for balance weights. 2,332,856; Oct. 26.
- Kalart Company, The. (See Schwartz, M., and Castedello, assignor.)
- Kalbsign Company of America. (See Ingersoll, Homer H., assignor.)
- Kalinydjan, Antoine G., New York, N. Y. Time switch. 2,310,090; Feb. 2.
- Kalb, Robert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic switchhook. 2,322,851; June 29.
- Kalber, Swisher K. (See Smith, S. H., Kalber and Smith.)
- Kalchinsky, Vladimir A., E. T. Seale, and K. F. Hayden, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treating hydrocarbons. 2,311,593; Feb. 16.
- Kalchevsky, Vladimir A., and G. F. Hornaday, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Hydrocarbon conversion. 2,321,601; June 15.
- Kalin, Albert, Cleveland, Ohio. Governor. 2,324,514; July 20.
- Kalin, Albert, Cleveland, Ohio. Governor. 2,324,515; July 20.
- Kalin, Albert, Cleveland, Ohio. Governor. 2,324,516; July 20.
- Kalin, Albert, Cleveland, Ohio. Governor. 2,325,009; July 20.
- Kalin, Albert, Cleveland, Ohio. Governor. 2,333,184; Nov. 2.
- Kallo, Inc. (See Verbeek, Arnold F., assignor.)
- Kallscher, Milton, Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. Re. 22,341; Feb. 23.
- Kallscher, Milton, Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,322,714; June 22.
- Kallscher, Philip R., Wilkensburg, Pa., assignor to Westinghouse Electric Manufacturing Company, East Pittsburgh, Pa. Making steel. 2,333,573; Nov. 2.
- Kalsha, William G., Atlanta, Ga., assignor to The Coca-Cola Company, Wilmington, Del. Cooler lid. 2,323,870; July 6.
- Kalix, John, Nashville, Tenn. Dam gate. 2,311,666; Feb. 23.
- Kallal, Frances L., Tofield, Alberta, Canada. Rake. 2,317,916; Apr. 27.
- Kallenbach, Irene, Dayton, Ohio. Repairing damaged fabric. 2,308,760; Jan. 19.
- Kallmann, Hartmut L., formerly known as Hartmut Kallmann, Berlin-Charlottenberg, E. Kuhn, Berlin, and J. Eggert, Leipzig, Germany; vested in the Alien Property Custodian. Photographic plate or film for the investigation of bodies or substances by means of neutrons. 2,316,595; Apr. 13.
- Kallmann, Heinz E., New York, N. Y. Bank note. 2,330,718; Sept. 18.
- Kalmar, Arthur F., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Protecting whole fruit from decay. 2,332,151; Oct. 19.
- Kalmbach, Lloyd R., West Englewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Hoisting apparatus. 2,307,681; Jan. 6.
- Kaloshin, Dmitri I., San Francisco, Calif. Boat. 2,334,932; Feb. 23.
- Kalowski, Phillip, assignor to Golf Ball, Inc., Chicago, Ill. Making golf balls. 2,322,140; June 15.
- Kalowski, Phillip, assignor, by mesne assignments, to Erwin Huebsch, Chicago, Ill. Apparatus for making golf balls. 2,329,839; Sept. 21.
- Kalske, John E., Washington, D. C. Carpenter's tool chest. 2,332,918; Oct. 26.
- Kalmbach, Alois, Potsdam, Germany; vested in the Alien Property Custodian. Angle piece. 2,319,328; May 18.
- Kalter, Harold E., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Clamp for saddles. 2,308,083; Jan. 12.
- Kalter, Harold E., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle. 2,314,046; Mar. 16.
- Kalter, Harold E., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle post. 2,316,436; Apr. 13.
- Kalusdian, Varton M., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Detergent composition. 2,320,279; May 25.
- Kalusdian, Varton M., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Detergent and sterilizing composition. 2,320,280; May 25.

- Kalusdian, Varton M., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Cleaning rugs. 2,320,281; May 25.
- Kamber, Adam, Youngstown, Ohio. Warm air furnace. 2,318,496; May 4.
- Kamborian, Jacob S., West Newton, Mass. Shoe lasting apparatus. 2,314,047; Mar. 16.
- Kamborian, Jacob S., West Newton, Mass. Flap splitting machine. 2,323,915; July 13.
- Kamlet, Jonas, Brooklyn, N. Y., assignor to Miles Laboratories, Inc., Elkhart, Ind. Preparation of d-tartaric acid by fermentation. 2,314,831; Mar. 23.
- Kamlet, Jonas, Brooklyn, N. Y., assignor to Miles Laboratories, Inc., Elkhart, Ind. Diagnostic compositions for aminoarylsulphonamides. 2,320,282; May 25.
- Kamlet, Jonas, and L. Rosenthal, Brooklyn, N. Y. Derivatives of sulphanilamide and preparing same. 2,309,248; Jan. 26.
- Kamin, Clifford J., assignor to Reflector Hardware Corporation, Chicago, Ill. Clamp. 2,321,391; June 8.
- Kamm, Wilbur F., Grosse Pointe, and B. F. Tullar, Grosse Pointe Woods, assignors to Parke, Davis & Company, Detroit, Mich. Naphthalene derivatives and obtaining same. 2,334,200; Nov. 16.
- Kamm, Wilbur F., Grosse Pointe, and B. F. Tullar, Grosse Pointe Woods, assignors to Parke, Davis & Company, Detroit, Mich. Naphthalene derivatives and obtaining same. 2,334,201; Nov. 16.
- Kamman Furniture, Inc. (See Kamman, Isadore, assignor.)
- Kamman, Isadore, Gardner, Mass., assignor to Kamman Furniture, Inc., Philadelphia, Pa. Protective storage receptacle. 2,327,798; Aug. 24.
- Kämmel, Hugo E., Zella-Mehlis, Germany; vested in the Alien Property Custodian. Typewriting calculating machine. 2,308,924; Jan. 19.
- Kammerer, Archer W., Fullerton, Calif. Well drilling bit. 2,320,136; May 25.
- Kammerer, Archer W., Fullerton, Calif. Rotary drill bit. 2,320,137; May 25.
- Kammerl, Hans. (See Hellmig, E., and Kammerl.)
- Kamper, Andrew M., Kingston-on-Thames, assignor to No-Nail Cases Proprietary Limited, London, England. Box. 2,307,682; Jan. 5.
- Kamper, Andrew M., Kingston-on-Thames, assignor to No-Nail Cases Proprietary Limited, London, England. Folding crate. 2,307,683; Jan. 5.
- Kamrath, Herbert G., Flint, assignor to General Motors Corporation, Detroit, Mich. Air cleaner. 2,310,528; Feb. 9.
- Kandle, Charles W., Chicago, Ill. Drill bit. 2,320,610; June 1.
- Kandle, Charles W., Chicago, Ill. Grapple hook. 2,320,611; June 1.
- Kandle, Charles W., Chicago, Ill. Earth boring tool. 2,320,612; June 1.
- Kandoian, Armin G., New York, N. Y., assignor to Federal Telephone & Radio Corporation. Vertical crossover elimination. 2,311,837; Feb. 23.
- Kandoian, Armin G., New York, N. Y., assignor to Federal Telephone & Radio Corporation. Antenna interaction compensating means. 2,337,435; Aug. 24.
- Kane Chain Company. (See Kane, John F.)
- Kane, David S., Roslyn, N. Y., assignor to J. M. Summers, Englewood, N. J. Fastening device. 2,315,335; Mar. 30.
- Kane, James H., et al. (See Kane, John F., assignor.)
- Kane, James T., et al. (See Kane, John F., assignor.)
- Kane, Jasper H., Brooklyn, A. Finlay, Sea Cliff, and P. F. Amann, Brooklyn, N. Y., assignors of one-half to Chas. Pfizer & Co., Inc., and one-half to Merck & Co., Inc., Rahway, N. J. Production of fumaric acid. 2,327,191; Aug. 17.
- Kane, John F., assignor to J. T. Kane and himself, Fall River, and J. H. Kane, Boston, co-partners doing business under the firm name of Kane Chain Company, Fall River, Mass. Locking arrangement in securing skid chains to wheels. 2,315,059; Mar. 30.
- Kane, John F., assignor to J. T. Kane and himself, Fall River, and J. H. Kane, Boston, co-partners doing business under the firm name of Kane Chain Company, Fall River, Mass. Traction chain fastening device. 2,315,060; Mar. 30.
- Kane & Roach, Inc. (See Kane, William E., assignor.)
- Kane, William E., assignor to Kane & Roach, Inc., Syracuse, N. Y. Wrapping roll for bending machines. 2,312,988; Mar. 2.
- Kaneb, George T., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated. Bead stringing. 2,322,730; June 22.
- Kaneko, Hideo. (See Kitani, R., Takashima, and Kaneko.)
- Kanhofer, Elmer R. (See Day, R. B., and Kanhofer.)
- Kanhofer, Elmer R., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,336,736; Dec. 14.
- Kansas City Testing Laboratory. (See Cross, Roy, assignor.)
- Kansas City Testing Laboratory. (See Stareck, Jesse E., assignor.)
- Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Container filling machine. 2,334,933; Nov. 23.
- Kantor, James, and E. Rosenberg, assignors to The Liquid Carbonic Corporation, Chicago, Ill. Label affixer. 2,330,430; Sept. 28.
- Kanzow, Willie M., Knoxville, Tenn. Ornamenting fabric. 2,334,202; Nov. 16.
- Kapella Limited. (See Reason, Richard E., assignor.)
- Kapella Limited. (See Warnisham, Arthur, assignor.)
- Kaplan, Ludwig, Brooklyn, assignor of one-half to J. Friedman, and one-half to R. Lobel, New York, N. Y. Handbag. 2,319,694; May 11.
- Kaplan, Carl, Brooklyn, and H. Kittilsen, Springfield Gardens, N. Y. Dowel and tendon anchor device. 2,327,527; Aug. 24.
- Kaplan, Felix A., New York, N. Y. Collar stiffener. 2,319,135; May 11.
- Kaplan, Morris L., assignor to The Shirtcraft Company, Inc., Hazleton, Pa. Collar and making same. 2,308,369; Jan. 12.
- Kaplan, Reuben A., assignor to Owatonna Tool Company, Owatonna, Minn. Tool. 2,324,847; July 20.
- Kaplan, William, Malverne, N. Y., assignor to Cities Service Oil Company, New York, N. Y. Catalytic conversion of hydrocarbon oils. 2,313,346; Mar. 9.
- Karp, Ben, Chicago, Ill. Depilatory pad. 2,329,054; Sept. 7.
- Kapper, Willard B. (See Moore, Dabiel G., assignor.)
- Kapper, Willard B. (See Recker, Heinz, assignor.)
- Karash, Walter J., Annapolis, Md., assignor to General Electric Company. Apparatus for starting and controlling electric discharge devices. 2,314,311; Mar. 16.
- Karloff, Leon, New York, N. Y. Bookmark. 2,328,811; Sept. 7.
- Kardos, John and W., Perth Amboy, N. J. Tamping machine. 2,313,825; Mar. 16.
- Kardos, William. (See Kardos, John and W.)
- Kareff, Stephen, Mansfield, Ohio. Cigarette holder. 2,308,084; Jan. 12.
- Kares, Edward H., Cranford, N. J., assignor to Standard Oil Development Company. Underground storage vessel. 2,337,472; Dec. 21.
- Karg, Frank G., Chicago, Ill. Prophylactic sheath package. 2,332,857; Oct. 26.
- Karger, Manasse, New Orleans, La. Garden hose stand. 2,309,772; Feb. 2.
- Karges, Albert, Woodstock, Ontario, Canada. Range. 2,330,495; Sept. 28.
- Kargis, Horace E. (See Carlson, A. A., and Kargis.)
- Karl, Horace E. (See Diserens, F., Darig, and O'Connell.)
- Karius, William. (See Demarest, D. D., Berendt, and Karius.)
- Karl, Joseph, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Separable snap fastener installation. 2,334,678; Nov. 16.
- Karlberg, Arvid E., assignor to Chicago Seal Company, Chicago, Ill. Shaft seal. Ref. 2,353; July 27.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Instrument for suturing. 2,327,353; Aug. 24.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rotary hook for sewing machines. 2,327,845; Aug. 24.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Winding device for spools of surgical stitching instruments. 2,328,557; Sept. 7.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,330,177; Sept. 21.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rotary take-up for sewing machines. 2,332,087; Oct. 19.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Surgical needle. 2,336,689; Dec. 14.
- Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle clamp for surgical stitching instruments. 2,336,690; Dec. 14.
- Karlen, Willis W., Vilas, S. Dak. Fastener. 2,336,619; Dec. 14.
- Karlin, Henry. (See Stein, M. R., and Karlin.)
- Karlson, George L., Peekskill, assignor of one-half to Irmgard Schultze, New York, N. Y. Attachment for skis. 2,316,252; Apr. 13.
- Karlström, Karl A. S., Gavle, Sweden. Preparation of dental bridge prosthesis. 2,318,402; May 4.
- Karlström, Karl A. S., Gavle, Sweden. Device for the parallel guidance of dental tools. 2,318,403; May 4.
- Karmanocky, Joseph, assignor to New Jersey Interlocking Brick Co., Carteret, N. J. Furnace. 2,319,065; May 11.
- Karnatz, Frank A. (See Cislak, F. E., and Karnatz.)
- Karns, George M., Swarthmore, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn winding. 2,324,584; July 20.
- Karns, Sherman S., assignor of one-fifth to L. Rosenberg, San Luis Obispo, Calif. Garage door operator. 2,319,138; May 11.
- Karoff, Robert B., New York, N. Y. Applying permanent covers to bottles. 2,337,998; Dec. 28.
- Karp, Edward J., assignor to G. S. Blakeslee & Co., Cicero, Ill. Securing means. 2,309,249; Jan. 26.

- Karp, Edward J., assignor to G. S. Blakeslee & Co., Cicero, Ill. Power take-off. 2,321,751; June 15.
- Karp, Edward J., assignor to G. S. Blakeslee & Co., Cicero, Ill. Driving unit. 2,322,076; Aug. 31.
- Karp, Edward J., assignor to G. S. Blakeslee & Co., Cicero, Ill. Transmission unit. 2,334,775; Nov. 23.
- Karpen, Martin S., Chicago, Ill. Cushion. 2,319,690; May 18.
- Karr, Henry N., and R. W. Stewart, Bridgeport, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Rotary take-up for sewing machines. 2,321,550; June 8.
- Karrer, Paul, Zurich, and O. Isler, Basel, Switzerland, assignors to Hoffman-La Roche Inc., Nutley, N. J. Preparation of 6-hydroxy chromanes. 2,309,598; Jan. 26.
- Karrer, Werner, and F. Perrenoud, Zurich, assignors to Maschinenfabrik Oerlikon, Oerlikon, Switzerland. Heat power plant. 2,315,336; Mar. 30.
- Karsakov, Solly, and G. A. Kramer, assignors to Berkshire Upholstered Furniture Co., Springfield, Mass. Furniture construction. 2,334,934; Nov. 23.
- Karslake, James S. (See Titlin, J., and Karslake.)
- Kary-Safe Co. (See Rossi, Harry J.)
- Kary-Safe Company Inc. (See Bayer, Richard H.)
- Kasan, Louis, New York, N. Y. Venetian blind. 2,317,917; Apr. 27.
- Kasch, Charles H., Davenport, Iowa. Automatic flycatcher. 2,309,110; Jan. 26.
- Kaschke, Kurt, Berlin-Neukölln, Germany; vested in the Alien Property Custodian. Dust iron core. 2,330,590; Sept. 28.
- Kaser, Everett D., assignor to Durability Steel Locker Co., Aurora, Ill. Spidler for cable reels. 2,338,038; Dec. 28.
- Kasner, M. (See Burch, Woodrow M., assignor.)
- Karspenson, Lennart A., assignor to Norton Company, Worcester, Mass. Grinding wheel truing apparatus. 2,336,018; Dec. 7.
- Kasper, Cass S., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Sheet metal forming equipment. 2,317,193; Apr. 20.
- Kass, Charles B., Elizabeth, N. J., assignor to Standard Oil Development Company. Motor fuel. 2,324,779; July 20.
- Kass, Eric M., New York, N. Y. Machine for framing handbags. 2,333,724; Nov. 9.
- Kass, Peter, Chicago, Ill. Railway car construction. 2,336,440; Dec. 7.
- Kass, Samuel M., Philadelphia, Pa. Pipe clamp. 2,318,946; May 21.
- Kassay, Andrew W. (See Murray, J. A., and Kassay.)
- Kassel, Louis S., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,322,577; Oct. 26.
- Kassel, Louis S., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion process. 2,322,366; June 22.
- Kassel, Louis S., assignor to Universal Oil Products Company, Chicago, Ill. Effecting catalyzed reactions. 2,325,136; July 27.
- Kassel, Robert A., assignor to Charles I. Rockmore, Inc., Brooklyn, N. Y. Plated material and making the same. 2,318,497; May 4.
- Kassler, Kenneth S., Princeton, N. J. Toy. 2,327,718; Aug. 24.
- Kast, Samuel H. (See Koppitz, C. G., and Kast.)
- Kasten, John B. (See Green, R. W., Kasten, and Kneisley.)
- Kasten, Walter, Franklin, assignor to Ralph L. Skinner, Detroit, Mich. Filter pack. 2,327,648; Aug. 24.
- Kaston, Henryk, New York, N. Y. Bow for string instruments, violins, cellos, etc. 2,333,013; Oct. 26.
- Katcher, Morris, New York, N. Y. Hydraulic steering stabilizer. 2,314,404; Mar. 23.
- Katcher, Morris, New York, N. Y. Driven member for friction clutches. 2,321,821; June 15.
- Katches, Anthony J. (See Enes, D. O., and Katches.)
- Kate, Blanche H., Minneapolis, Minn. Telephone assembly. 2,325,185; July 27.
- Kath, Joseph (See Schoeller, W., Serini, Hildebrandt, Strassberger, Kathol, and Logemann.)
- Katsaros, James. (See Moore, Edwin.)
- Katz, Abraham, New York, N. Y. Garment construction. 2,323,777; July 6.
- Katz, David, assignor to The Scriptoscope Company, Wilmington, Del. Lecture and projection desk of the "Scriptoscope" type. 2,309,120; Jan. 26.
- Katz, David, Brooklyn, N. Y. Refrigerator door fastener. 2,315,337; Mar. 30.
- Katz, Frederick L. (See Cohen, Alvin M., assignor.)
- Katz, Harry P., Cleveland, Ohio. Grate. 2,323,916; July 13.
- Katz, Julius. (See Balk, D., Katz, and Majors.)
- Katz, Leo, Hollywood, assignor to Hotcan Corporation, Los Angeles, Calif. Self-heating food container. 2,315,528; Apr. 6.
- Katz, Morris, Bronx, N. Y. Cellulosic ribbon spool and constructing the same. 2,314,146; Mar. 16.
- Katz, Morris, Bronx, N. Y. Composite ribbon and making the same. 2,332,233; Oct. 19.
- Katzen, Raphael. (See Olson, E. T., Katzen, and Plow.)
- Katzen, Raphael, and R. H. Plow, Phelps, Wis., and E. T. Olson, Pittsburgh, Pa., assignors to Northwood Chemical Company, Phelps, Wis. Lignocellulose for molding compounds. 2,325,570; July 27.
- Katzin, Martin, Riverhead, N. Y., assignor to Radio Corporation of America. Electromagnetic horn antenna. 2,310,294; Feb. 9.
- Katzin, Martin, Riverhead, N. Y., assignor to Radio Corporation of America. Signaling system. 2,314,707; Mar. 23.
- Katzin, Martin, Riverhead, N. Y., assignor to Radio Corporation of America. Electromagnetic wave horn radiator. 2,317,464; Apr. 27.
- Katzinger, Edward, Company, The. (See Zimmer, M. J., and Paysee, assignors.)
- Katzman, Abraham M. (See Katzman, Toby and Abraham M.)
- Katzman, Jacob, New York, N. Y. Turbidity meter. 2,324,304; July 13.
- Katzman, James R., New York, N. Y. Removable body for land trucks. 2,318,231; May 4.
- Katzman, Morris, and F. J. Cahn, assignors to The Emulsol Corporation, Chicago, Ill. Thickening of solutions. 2,307,047; Jan. 5.
- Katzman, Morris, and A. K. Epstein, assignors to The Emulsol Corporation, Chicago, Ill. Preparation of amides. 2,322,783; June 20.
- Katzman, Morris, and A. K. Epstein, assignors to The Emulsol Corporation, Chicago, Ill. Derivatives of amides. 2,328,021; Aug. 31.
- Katzman, Morris, F. J. Cahn, and A. K. Epstein, assignors to The Emulsol Corporation, Chicago, Ill. Emulsions. 2,334,709; Nov. 23.
- Katzman, Toby and A. M., Long Beach, N. Y. Scarflike covering. 2,308,449; Jan. 12.
- Kaufert, Frank H. (See Fleener, A. L., Kaufert, and Salzberg.)
- Kauffman, John B., Janesville, Wis. Locomotive storm window. 2,311,550; Feb. 16.
- Kauffman, John B., Janesville, Wis. Locomotive window. 2,333,574; Nov. 2.
- Kauffman, Lester S. (See Brumbaugh, I. V., Kauffman, and Reinhardt.)
- Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,312,762; Mar. 2.
- Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer and the like. 2,314,708; Mar. 23.
- Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer and the like. 2,314,709; Mar. 23.
- Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer index assembly. 2,320,324; May 25.
- Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Indexing device for wringers. 2,320,325; May 25.
- Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,323,330; July 6.
- Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer and the like. 2,323,331; July 6.
- Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer and the like. 2,323,332; July 6.
- Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,323,778; July 20.
- Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer and the like. 2,332,230; Oct. 19.
- Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer and the like. 2,332,231; Oct. 19.
- Kauffman, Walter L., II, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,332,232; Oct. 19.
- Kauffmann, Hans O., Eggertsville, P. H. Margulies, Kenmore, and J. R. Ryan, assignors to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Liquefaction of starch. 2,307,684; Jan. 5.
- Kaufman, Arthur W., San Francisco, Calif., assignor to American Telephone and Telegraph Company. Telegraph station break-in system. 2,321,392; June 8.
- Kaufman, Charles H., San Antonio, Tex. Bake. 2,321,489; June 8.
- Kaufman, Daniel L., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,309,773; Feb. 2.
- Kaufman, Daniel L., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,319,993; May 25.
- Kaufman, Gus. (See Barnett, R. S., and Kaufman.)
- Kaufman, Henry D., Los Angeles, Calif. Lock bolt retaining means. 2,317,617; Apr. 27.
- Kaufman, Hiram J., Detroit, Mich. Humidity control device. 2,325,061; July 27.
- Kaufman, Irving. (See Lo Cascio, P., Kaufman, and Coviello.)
- Kaufman, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom harness. 2,315,796; Apr. 6.
- Kaufman, Leonard J., Manitowoc, Wis. Bowling pin setting machine. 2,307,839; Jan. 12.

- Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Drop wire for warping machines and the like. 2,323,282; June 29.
- Kaufmann, John J., Jr., Greenville, S. C., assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom shuttle. 2,336,937; Dec. 14.
- Kaufmann, Richard H. (See Bany, H., and Kaufmann.)
- Kaufmann, Richard H., Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine. 2,325,407; July 27.
- Kaufmann, Richard H., Schenectady, N. Y., assignor to General Electric Company. Dynamometer excitation control system. 2,335,864; Dec. 7.
- Kaufmann, Werner. (See Kesselring, F., Gieffers, Kaufmann, Neugebauer, Puttfarcken, Schimpf, and Zühlke.)
- Kaufmann, Werner, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit-interrupting apparatus. 2,312,174; Feb. 23.
- Kaufmann, Werner, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic reclosing circuit breaker system. 2,313,153; Mar. 9.
- Kaufmann, Werner, Berlin-Siemensstadt, O. Flögel, Berlin, A. Thowalt, Berlin-Siemensstadt, and L. Ferschl, Berlin, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,327,799; Aug. 24.
- Kaupitz, Clyde E., assignor to National Electric Welding Machines Co., Bay City, Mich. Welding appliance. 2,336,403; Dec. 7.
- Kauppi, Toivo A., and M. Kln, assignors to The Dow Chemical Company, Midland, Mich. Hot-melt coating composition. 2,311,609; Feb. 16.
- Kauppi, Toivo A., and R. W. Kolderman, assignors to The Dow Chemical Company, Midland, Mich. Coated glassine paper. 2,325,408; July 27.
- Kauppi, Toivo A., R. W. Kolderman, and R. S. McClurg, assignors to The Dow Chemical Company, Midland, Mich. Coating equipment. 2,334,102; Nov. 9.
- Kausal, Kenneth C. (See Kausal, Rudolph A. and K. C.)
- Kausal, Rudolph A. and K. C., St. Louis, Mo. Racket stringing device. 2,309,849; Feb. 2.
- Kauth, Henry J., Rome, assignor to General Cable Corporation, New York, N. Y. Insulating enamel for electric conductors. 2,323,333; July 6.
- Kauth, Henry J., Rome, assignor to General Cable Corporation, New York, N. Y. Enamel compositions. 2,323,334; July 6.
- Kauth, Henry J., Rome, assignor to General Cable Corporation, New York, N. Y. Insulated electrical conductor. 2,334,710; Nov. 23.
- Kautter, Carl T., Darmstadt, and E. Trommsdorff, Jügenheim on the Bergstrasse, Germany, assignors to Rohm & Haas Company, Philadelphia, Pa. Polymerizing derivatives of methacrylic acid. 2,324,935; July 20.
- Kautz, Frederick, Philadelphia, Pa. Shelf bracket support for adjustable and releasable shelving. 2,319,237; May 18.
- Kautz, Frederick, Philadelphia, Pa. Combined framing structure and bracket support. 2,326,783; Aug. 17.
- Kavanagh, Frank W. (See Neely, G. L., and Kavanagh.)
- Kavanaugh, Joseph P., Seattle, Wash., assignor to Klockhefer Container Company of Delair, New Jersey. Container sealing. 2,317,773; Apr. 27.
- Kaveler, Herman H., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for controlling oil wells. 2,322,453; June 22.
- Kaweki, Henry C., Temple, Pa., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Extracting beryllium compounds from silicate minerals. 2,312,297; Feb. 23.
- Kawneer Company, The. (See Peterson, Victor E., assignor.)
- Kay-Brunner Steel Products, Inc. (See Low, John J., assignor.)
- Kay, David. (See Dyer, J. W., and Kay.)
- Kay, Edgar W., Detroit, Mich., assignor to The Oilgear Company, Milwaukee, Wis. Reversible vane motor. 2,335,567; Nov. 30.
- Kay-Fries Chemicals, Inc. (See Bitler, W. P., and Nichol, assignors.)
- Kay Gyroplanes Limited. (See Dyer, J. W., and Kay, assignors.)
- Kay Manufacturing Company. (See Krakauer, Abraham, assignor.)
- Kay Manufacturing Corporation. (See Krakauer, D. and C. L., assignors.)
- Kay Manufacturing Corporation. (See Krakauer, Daniel, assignor.)
- Kay Manufacturing Corporation. (See Krakauer, Phillip, assignor.)
- Kayden, Gustave L., Woodmere, N. Y. Coffee roaster and percolator. 2,325,683; Aug. 3.
- Kayden, Gustave L., Woodmere, N. Y. Combined coffee roaster and percolator. 2,325,684; Aug. 3.
- Kaye, Benjamin I., New York, N. Y. Apparatus for aligning and registering forms for multicolored printing. 2,324,399; July 13.
- Kaye, Robert L., Newark, N. J. Carton having attached carton opener. 2,323,335; July 6.
- Kayler, Frank H. (See Kline, E. P., and Kayler.)
- Kaynor, Warren F., and H. W. Baer, assignors to The Waterbury Button Company, Waterbury, Conn. Composite metallic and nonmetallic button. 2,332,578; Oct. 26.
- Kayser, Theodore, Jr., assignor to The McKays Company, St. Paul, Minn. Water softening system and apparatus. 2,329,350; Sept. 14.
- Kayser, Carl. (See Harz, W., Rein, Hubert, and Kayser.)
- Kayser, Julius & Co. (See Beers, Joseph L., assignor.)
- Kaysing, Albert L., assignor to J. A. Smith Company, St. Louis, Mo. Electrically heated chicken brooder. 2,327,800; Aug. 24.
- Kaysing, Albert L., assignor to J. A. Smith Company, St. Louis, Mo. Chicken brooder. 2,327,801; Aug. 24.
- Kaywood Corporation. (See Sherwood, Glenn L., assignor.)
- Kazimirov, Antonina M., New York, N. Y. Nursing device. 2,311,397; Feb. 16.
- Kazine, Ivan A. (See Kendrick, C. M., and Kazine.)
- Kaziska, Kenneth A., Brockton, Mass., assignor to Pittsburgh Corning Corporation, Allegheny County, Pa. Making glass banks. 2,330,363; Sept. 28.
- Keagy, David R., Massillon, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Mechanical handling device. 2,321,300; June 8.
- Keammerer, Roy P., Gary, Ind. Device for dividing and proportioning liquids. 2,331,399; Oct. 12.
- Keay, Francis A., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe upper lacing machine. 2,325,137; July 27.
- Kear, Frank G., assignor to Washington Institute of Technology, Inc., Washington, D. C. Radio beacon system. 2,320,521; June 1.
- Kearby, Kenneth K. (See Reeves, E. D., and Kearby.)
- Kearls, Kenneth A., Elizabeth, N. J., assignor to Standard Oil Development Company. Oil conversion using superior catalytic masses. 2,307,795; Jan. 12.
- Kearfoot Engineering Co. (See Kraemer, Waldo L., assignor.)
- Kearney, Daniel P., Birmingham, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,311,297; Feb. 16.
- Kearney, Daniel P., Birmingham, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,318,232; May 4.
- Kearney, Daniel P., Birmingham, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,322,964; June 29.
- Kearney, Daniel P., Birmingham, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starter drive. 2,337,559; Dec. 28.
- Kearney, James R., Corporation. (See Conrad, John W., assignor.)
- Kearney, James R., Corporation. (See Fey, Harry J., assignor.)
- Kearney, James E., Corporation. (See Fox, Charles A., assignor.)
- Kearney, James R., Corporation. (See Graham, Roy G., assignor.)
- Kearney, James R., Corporation. (See Heinrich, Walter A., assignor.)
- Kearney, James R., Corporation. (See Johnson, Orville H., assignor.)
- Kearney, James R., Corporation. (See Stoker, Nelson D., assignor.)
- Kearney, James R., Corporation. (See Tallman, Oscar F., assignor.)
- Kearney, Norman L., and H. L. Richardson, Buffalo, N. Y., assignors to Curtiss-Wright Corporation. Reverse countersink. 2,322,141; June 15.
- Kearney & Trecker Corporation. (See Armitage, Joseph B., assignor.)
- Kearney & Trecker Corporation. (See Parsons, Fred A., assignor.)
- Kearney & Trecker Corporation. (See Savig, R. E., and Gutzkow, assignors.)
- Kearns, Thomas T., Greenville, Pa. Tuning barrel for wind instruments. 2,323,138; June 29.
- Keasbey & Mattison Company. (See Acuff, William S., Jr., assignor.)
- Keasbey & Mattison Company. (See Miller, Lewis B., assignor.)
- Keasbey & Mattison Company. (See Schuetz, Clyde C., assignor.)
- Keasbey & Mattison Company. (See Wetton, Robert G., assignor.)
- Keast, Edward R. (See Kottmann, A. A., Bennett, and Keast.)
- Keates, Harry. (See Gadd, E. R., and Keates.)
- Keats, Harold B., assignor of one-half to F. G. Girdlestone, Vancouver, British Columbia, Canada. Escutcheon plate for door latches. 2,314,646; Mar. 23.
- Keats, John L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of TiO₂ pigments. 2,307,048; Jan. 5.
- Keats, John L., and H. M. Stark, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrolysis of titanium solutions. 2,321,490; June 8.
- Keck, Lloyd E. (See Claybourn, G. L., and Keck.)
- Keck, Walter E., Hancock, Mich. Flotation of ores. 2,310,240; Feb. 9.
- Kedrovich, Michael P., Elmhurst, Long Island, N. Y. Apparatus and process for vinegar making. 2,335,065; Nov. 23.

- Keefe, Arthur, Akron, Ohio. Air valve. 2,325,685; Aug. 3.
- Keefe, Michael E., Jr., assignor to National Powder Extinguisher Corporation, Jersey City, N. J. Fire-extinguishing apparatus. 2,328,345; Aug. 31.
- Keefe, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,320,364; June 1.
- Keefe, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,329,203; Sept. 14.
- Keefe, Walter L., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,329,204; Sept. 14.
- Kegan, Malcolm, Los Angeles, Calif. Combination square. 2,308,373; Jan. 12.
- Keeler, Ralph M., Oakland, Calif. Equipment for permanently waving hair. 2,310,295; Feb. 9.
- Keeler, Amos L., Houshorne, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Flow measuring device. 2,312,216; Feb. 23.
- Keeler Brass Company. (See Birdsall, A. L., and Jakeway, assignors.)
- Keeler Brass Company. (See Jakeway, Gerald V., assignor.)
- Keeler, Earl A., Norristown, assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,326,465; Aug. 10.
- Keeler, Earl A., Norristown, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,331,698; Oct. 12.
- Keeler, Harry L. (See Fisher, L. C., and Keeler.)
- Keeler, Isaac S., and G. V. Jakeway, assignors to Keeler Brass Company, Grand Rapids, Mich. Door and regulator handle. 2,327,904; Aug. 24.
- Keeler, Raymond W., Gallon, Ohio, assignor to The Gallon Iron Works & Manufacturing Company, Hydraulic apparatus. 2,311,443; Feb. 16.
- Keelerie, George E., Westboro, Mass. Abrasive article and making the same. 2,334,494; Nov. 16.
- Keeler, Ralph P., Cleveland, Ohio. Concrete preservation. 2,308,907; Jan. 19.
- Keely, Clifford D., Bloomfield, N. J. Receipt and mounting therefor. 2,309,121; Jan. 26.
- Keema, Alexander W. (See Stevenson, R., and Keema.)
- Keoma, Alexander W., Providence, R. I. Producing guns. 2,331,477; Oct. 12.
- Keen, Alexis W., Packanack Lake, N. J., assignor to United States Rubber Company, New York, N. Y. Battery paste retainer. 2,318,498; May 4.
- Keen, Alexis W., Packanack Lake, N. J., assignor to United States Rubber Company, New York, N. Y. Foam homogenizer. 2,335,339; Nov. 30.
- Keen, Thomas A., San Mateo, and J. Kilburg, Redwood City, Calif., assignor, by direct and mesne assignments of one-half to H. M. Smith, Chicago, Ill., and one-half to said T. A. Keen. Control for ticket printing and issuing machines. 2,317,147; Apr. 20.
- Keen, William R., Drexel Hill, Pa., assignor to Collins & Aikman Corporation. Loop pile fabric and apparatus for weaving same. 2,318,080; May 4.
- Keen, William R., Drexel Hill, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Loop pile fabric. 2,318,499; May 4.
- Keenan, Walter F., Jr., deceased, late of Pelham Manor, N. Y.; A. B. Henderson, Charleston, W. Va., executrix, assignor to Foster Wheeler Corporation, New York, N. Y. Closure for pressure vessels. 2,309,122; Jan. 26.
- Keene, Alvin D., assignor to Samson United Corporation, Rochester, N. Y. Thermostatic switch. 2,310,791; Feb. 9.
- Keene, Arthur E., Mill Creek, Ind. Soap containing safety razor. 2,327,192; Aug. 17.
- Keener, Barnett E., New Lebanon, and C. G. Comer, Dayton, Ohio. Portable welding unit. 2,313,944; Mar. 16.
- Keener, S. F., et al. (See Rodder, W., and Hopkins, assignors.)
- Keeney, J. H., & Co. (See Binks, Melvin J., assignor.)
- Kees, F. D., Manufacturing Company. (See McBeath, Royce H., assignor.)
- Keese, Beverly W., Oshkosh, Wis., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Power transmitting mechanism. 2,314,833; Mar. 23.
- Keeshen, Minnetta, Denver, Colo. Adjustable shelf unit. 2,326,864; Aug. 17.
- Keeton, Melvin, et al. (See Moyle, Randall, assignor.)
- Keevil, Henry W. (See Barnes, W. C., and Keevil.)
- Keevil, Norman B. (See Lundberg, H. T. F., and Keevil.)
- Keferstein, Charles G., et al. (See Ayers, Fred L., assignor.)
- Kegan, Albert I., Chicago, Ill. Envelope or the like. 2,329,055; Sept. 7.
- Kebl, Robert J., Manhasset, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Gas generating system. 2,309,701; Feb. 2.
- Kehoe, Richard D. (See Beveridge, J. B., and Kehoe.)
- Keherer, Bertram F., Seattle, Wash. Accessory fastening for marine vessels. 2,327,273; Aug. 17.
- Kehe, Wolfgang, Berlin-Karlhorst, and G. Hillbrand, Berlin, Germany; vested in the Alien Property Custodian. Current voltage regulator. 2,308,925; Jan. 19.
- Keighley, Lloyd M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,327,649; Aug. 24.
- Keight, Albert W., Cumberland, Md., assignor to Celanese Corporation of America. Production of artificial filaments or threads. 2,337,664; Dec. 28.
- Kelizer, Albertus J., New York, N. Y. Forming stereoscopically observable pictures. 2,336,938; Dec. 14.
- Kell, Charles L., Tonawanda, N. Y. Corrective inner sole for children. 2,335,187; Nov. 23.
- Kell, Havard L., Clarendon Hills, assignor to Armour and Company, Chicago, Ill. Preparing anti-anemic concentrates. 2,324,848; July 20.
- Kellen, Saul. (See Russell, M. N., and Kellen.)
- Kelm, Christopher P., Danvers, and B. J. Valle, Salem, Mass., assignors to Sylvania Electric Products Inc. Lamp coating apparatus. 2,324,455; July 13.
- Kelnath, George, Larchmont, N. Y. System for recording a plurality of measuring magnitudes. Re. 22,293; Mar. 23.
- Kelnath, George, Larchmont, N. Y.; vested in the Alien Property Custodian. Testing materials. 2,316,253; Apr. 13.
- Kelnath, George, Larchmont, N. Y. Measuring system. 2,321,605; June 15.
- Kelnath, George, Larchmont, N. Y. Electric gas analyzer. 2,329,840; Sept. 21.
- Kelnath, George, Larchmont, N. Y. Temperature measuring apparatus. 2,326,641; Sept. 21.
- Kelr, James M., Bronxville, N. Y., assignor to The Linde Air Products Company. Building up surfaces. 2,330,289; Sept. 28.
- Kelser, Bernhard. (See De Groote, M., and Kelser.)
- Kelth, Irving L., Haverhill, Mass. Cementing machine. 2,320,438; June 1.
- Kelth, Martha T., Brookline, Mass., assignor to Kelth-Pendoby, Inc. Closure. 2,330,896; Oct. 5.
- Kelth-Pendoby, Inc. (See Kelth, Martha P., assignor.)
- Kelth, Perival C., Jr., Peapack, N. J., assignor to The M. W. Kellogg Co., New York, N. Y. Stabilizing crude petroleum. 2,322,635; June 22.
- Kelth, Walter S., Long Island City, assignor to The Hammurand Manufacturing Company, Incorporated, New York, N. Y. Acorn tube socket. 2,320,871; June 1.
- Kelthley, Joseph F., Washington, D. C., and G. J. Khandel, Glen Rock, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Station selecting system. 2,332,645; Oct. 26.
- Kelchner, Harle B. (See Fine, L., and Kelchner.)
- Kelchner, John W., Jr., Tonawanda, N. Y. Fluorescent electric tube socket and tube holder. 2,319,461; May 18.
- Kelite Products, Inc. (See Helmburger, Douglas D., assignor.)
- Kell, Raymond W. (See Blau, H. H., and Kell.)
- Keller, Daniel. (See Troche, H. J., and Keller.)
- Kelleher, Daniel, Strongsville, and H. J. Troche, Cleveland Heights, assignors to The American Coach & Body Company, Cleveland, Ohio. Stirrup pump. 2,336,989; Dec. 14.
- Kelleher, Daniel, Strongsville, and H. J. Troche, Cleveland Heights, assignors to The American Coach & Body Company, Cleveland, Ohio. Stirrup pump. 2,336,990; Dec. 14.
- Kellens Company. (See Kellens, David L., assignor.)
- Kellens, David L., Westport, Conn., assignor to Kellens Company, New York, N. Y. Lifting and/or holding device. 2,318,164; May 4.
- Kellens, Edgar E., Pasadena, Calif., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Flaring and swaging tool. 2,314,221; Mar. 16.
- Keller, Arthur M. (See Cheiborg, R., Bucknam, and Keller.)
- Keller, Arthur M. (See Doyle, E. A., Meincke, and Keller.)
- Keller, Arthur M., Livingston, J. H. Buckman, Cranford, and A. J. Miller, Garwood, N. J., assignors to The Linde Air Products Company. Process and apparatus for conditioning the surfaces of metal bodies. 2,312,418; Mar. 2.
- Keller Brass Company. (See Keller, I. S., and Jakeway, assignors.)
- Keller, Charles L., Cincinnati, assignor to The Richardson Company, Lockland, Ohio. Automatic filling control means. 2,321,089; June 8.
- Keller, Curt, assignor to Escher Wyss Maschinenfabriken Aktiengesellschaft, Zurich, Switzerland. Aircraft propeller. 2,318,233; May 4.
- Keller, Curt, assignor to Aktiengesellschaft fuer Technische Studien, Zurich, Switzerland. Overload working method for thermal power plants. 2,319,995; May 25.
- Keller, Curt, assignor to Aktiengesellschaft fuer Technische Studien, Zurich, Switzerland. Thermal power plant. 2,336,178; Dec. 7.
- Keller, David, Brooklyn, N. Y. Solder cutting machine. 2,329,056; Sept. 7.
- Keller, Fred M. (See Pleasant, H. E., and Keller.)
- Keller, Hans. (See Orthner, L., Platz, Keller and Siska.)
- Keller, Ernst, assignor to J. R. Geigy, Basel, Switzerland. Stilbene dyestuffs and making the same. 2,333,427; Nov. 2.

- Keller, Henry G., Glenside, Pa., assignor to Link-Belt Company. Automatic chain or belt tensioning mechanism. 2,329,911; Sept. 21.
- Keller, Henry G., Glenside, Pa., assignor to Link-Belt Company. Power transmission chain. 2,330,058; Sept. 21.
- Keller, Henry V. (See Miller, Guy O., assignor.)
- Keller, John A., Bay Shore, assignor to Keller Printing Company, New York, N. Y. Ticket. 2,309,398; Jan. 26.
- Keller, Joseph F. (See Ungar, Gustave A., assignor.)
- Keller, Joseph H. (See Russe, E. G., and Keller.)
- Keller, Karl H. (See Elmendorf, D. E., and Keller.)
- Keller, Leo. (See Podjusz, Harry H., assignor.)
- Keller Printing Company. (See Keller, John A., assignor.)
- Keller, Robert T., Royal Oak, assignor to Chrysler Corporation, Highland Park, Mich. Combined tail lamp and gas tank filling vent. 2,314,710; Mar. 23.
- Keller, Spencer R., Handley, W. Va. Trimming machine. 2,326,227; Aug. 10.
- Keller, Vincent J., Davenport, Iowa. Internal combustion motor. 2,331,784; Oct. 12.
- Keller, William H., Inc. (See Shaff, Ernest H., assignor.)
- Kellerman, Ernest, and M. O. Dukas, New York, N. Y. Demonstration kit for mechanical dentistry. 2,333,795; Nov. 9.
- Kellermann, Marvin A., and D. W. Price, Chicago, Ill. Ball projector. 2,325,858; Aug. 3.
- Kellett Autocut Corporation. (See Falk, A. C., and Wagner, assignors.)
- Kellett, Rayford, Leavenworth, Kans. Carpenter's tool. 2,318,404; May 4.
- Kellett, William R., Menasha, and H. C. Brien, assignors to Paper Patents Company, Neenah, Wis. Hydraulic inlet system for paper-making machines. 2,308,370; Jan. 12.
- Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Pneumatic switch device. 2,314,405; Mar. 23.
- Kelley, Elmer E., Hartford, Conn. Machine tool. 2,321,393; June 8.
- Kelley, Elmer E., Hartford, Conn. Machine tool. 2,323,663; July 6.
- Kelley, Harold W. (See Basler, D. E., Kelley, and Matthews.)
- Kelley, Tom F. (See Swanson, R. A., and Kelley.)
- Kelley, William. (See Giles, J. K., Cornell, and Kelley.)
- Kelley, William, assignor, by mesne assignments, to Filtrrol Company of California, Los Angeles, Calif. Refining oils of edible type. 2,314,021; Mar. 23.
- Kellner, Francis B., assignor to Whittin Machine Works, Whitinville, Mass. Knock-off mechanism for drawing frames. 2,312,558; Mar. 2.
- Kelling, Alfred H., Chicago, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Manufacture of starch. 2,324,849; July 20.
- Kelling, Alfred H., Oak Park, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Manufacture of starch. 2,324,850; July 20.
- Kelling, Alfred H., Oak Park, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Manufacture of starch. 2,325,250; July 27.
- Kellogg, Henry B. (See Frolche, P. K., and Kellogg.)
- Kellogg, Henry B. (See Reynolds, H. C., Jr., and Kellogg.)
- Kellogg, Henry B., Union City, and I. E. Lighthown, Elizabeth, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Age resistor for rubber compositions. 2,313,945; Mar. 16.
- Kellogg Corset Company. (See Kispert, Joseph J., assignor.)
- Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Light projecting device. 2,311,444; Feb. 16.
- Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Projection printer. 2,314,408; Mar. 23.
- Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Sound record producing apparatus. 2,323,600; July 6.
- Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Phonograph apparatus. 2,324,214; July 13.
- Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Television recording apparatus. 2,329,624; Sept. 14.
- Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Method of and apparatus for testing articles. 2,331,478; Oct. 12.
- Kellogg, Edward W., Indianapolis, Ind., assignor to Radio Corporation of America. Photographic sound recording. 2,323,607; July 6.
- Kellogg, Frank A., Aurora, Ill. Metal clamp. 2,316,073; Apr. 6.
- Kellogg, Harry B. (See Voigtman, E. H., and Kellogg.)
- Kellogg, John H., assignor to The Race Betterment Foundation, Battle Creek, Mich. Muscle dynamometer. 2,309,511; Jan. 26.
- Kellogg, M. W., Company, The. (See Austin, Harold R., assignor.)
- Kellogg, M. W., Company, The. (See Belchett, Arnold, assignor.)
- Kellogg, M. W., Company, The. (See Hill, L. R., Vincent, and Howard, assignors.)
- Kellogg, M. W., Company, The. (See Hopkins, Robert K., assignor.)
- Kellogg, M. W., Company, The. (See Houghland, Glen S., assignor.)
- Kellogg, M. W., Company, The. (See Jellinek, Maurice H., assignor.)
- Kellogg, M. W., Company, The. (See Jewell, Joseph W., assignor.)
- Kellogg, M. W., Company, The. (See Jewell, J. W., and Melchior, assignors.)
- Kellogg, M. W., Co., The. (See Keith, Percival C., Jr., assignor.)
- Kellogg, M. W., Company, The, et al. (See Layng, E. T., and Marschner, assignors.)
- Kellogg, M. W., Co., The. (See Layng, E. T., and Rubin, assignors.)
- Kellogg, M. W., Company. (See McNutt, Louis C., assignor.)
- Kellogg, M. W., Company, The. (See Mikesch, Martin A., assignor.)
- Kellogg, M. W., Company, The. (See Sellmeyer, Bernardus, assignor.)
- Kellogg, M. W., Company, The. (See Wickham, H. P., and Perkins, assignors.)
- Kellogg Switchboard and Supply Company. (See Eaton, George R., assignor.)
- Kellogg Switchboard and Supply Company. (See Kiner, Glenn, assignor.)
- Kellogg Switchboard and Supply Company. (See McCarthy, Fred M., assignor.)
- Kellogg Switchboard and Supply Company. (See Saunders, Norman H., assignor.)
- Kellogg Switchboard and Supply Company. (See Saunders, N. H., and Judsen, assignors.)
- Kellogg Switchboard and Supply Company. (See Wallace, Bert A., assignor.)
- Kells, John D., Brooklyn, N. Y. Fountain toothbrush. 2,311,760; Feb. 23.
- Kellum, Paul S., Newark, N. J., assignor to Crown Fastener Corporation, Warren, R. I. Apparatus for attaching separable fasteners. 2,329,981; Sept. 21.
- Kelly, Albert W. (See Yealdhall, A. L., and Kelly.)
- Kelly, Arthur E., Centuria, Wis. Plow attachment. 2,311,945; Feb. 23.
- Kelly, Carl D., Portland, Oreg. Shield for rearview mirrors. 2,327,802; Aug. 24.
- Kelly, M., et al. (See Williams, Elmer E., assignor.)
- Kelly, Daniel A., assignor to The Prime Manufacturing Company, Milwaukee, Wis. Switch signal. 2,312,649; Mar. 2.
- Kelly, Daniel A., assignor to The Prime Manufacturing Company, Milwaukee, Wis. Illuminated liquid level gauge. 2,332,088; Oct. 19.
- Kelly, Dwight N., assignor to A. Brandwein & Company, Chicago, Ill. Bracket for box springs. 2,317,111; Feb. 16.
- Kelly, Dwight N., assignor to A. Brandwein & Company, Chicago, Ill. Studio couch. 2,328,218; Aug. 31.
- Kelly, Dwight N., assignor to A. Brandwein & Company, Chicago, Ill. Mattress border stitching machine. 2,336,404; Dec. 7.
- Kelly, Earl M., and A. M. Kivari, Los Angeles, Calif., R. F. Kite, Larchmont, N. Y., E. J. Roberts, Westport, Conn., and D. B. Sutherland, Montclair, N. J., assignors to The Dorr Company, Inc., New York, N. Y. Liquid clarification. 2,324,400; July 13.
- Kelly, Edward H., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Revolver. 2,329,273; Sept. 14.
- Kelly, Ernest, and H. J. Shepherd, Spokane, Wash., said Shepherd assignor to said Kelly. Subsoil breaker. 2,325,997; Aug. 3.
- Kelly Foundry and Machine Company. (See Stewart, F. W., Kelly, and Reek, assignors.)
- Kelly, Frederick G., assignor to T. A. Edison, Incorporated, West Orange, N. J. Resistance thermometer. 2,307,626; Jan. 6.
- Kelly, Harold E. (See Carmody, W. H., and Kelly.)
- Kelly, Harold S., Amarillo, Tex., assignor to Phillips Petroleum Company. Dual purpose traveling block. 2,314,502; Mar. 23.
- Kelly, Herbert W., Chicago, Ill., assignor to Meehanite Metal Corporation. Magnetic bucket and conveying material. 2,310,241; Feb. 9.
- Kelly, Hugh W., Woodbridge, assignor to S. E. Westergaard, Rahway, N. J. Power transmission belt. 2,309,648; Feb. 2.
- Kelly, James M., Trafford, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Making copper base alloys. 2,307,512; Jan. 5.
- Kelly, John V., and W. F. Elkins, W. Va. Mold and making the same. 2,326,730; Aug. 10.
- Kelly, John H., Jr., and M. M. Stern, assignors to Dryden Rubber Company, Chicago, Ill. Preparation of rubber compositions. 2,313,154; Mar. 9.
- Kelly, Madison R., and J. T. Melton, Graniteville, S. C. Singeing burner. 2,333,381; Nov. 2.
- Kelly, Mark V., Bartlesville, Okla. Extensible bicycle pedal. 2,337,246; Dec. 21.
- Kelly, Matthew J. (See Stewart, F. W., Kelly, and Reek.)
- Kelly, Norval R., Douglaston, Long Island, N. Y., assignor to Radio Corporation of America. Device for simulating certain sound effects. 2,314,092; Mar. 16.

- Kelly, Raymond A., and W. F. Raddon, Salt Lake City, Utah. Cleaning device. 2,314,711; Mar. 23.
- Kelly, Richard A. (See Knox, W. J., Jr., and Kelly.)
- Kelly, Thomas J. (See Frederick, W. B., and Kelly.)
- Kelly-Wheaton Company. (See Wheaton, Estel O., as assignor.)
- Kelly, William J. (See Hilschman, A. T., Kelly, and Hume.)
- Kelly, William J. (See Kelly, John P. and W. J.)
- Kelly, William M., Westfield, N. J. Printing press. 2,311,687; Feb. 23.
- Kelly, William M., Westfield, N. J. Bed motion for printing presses. 2,324,001; July 13.
- Kelm, Gustav R., Patterson, N. J. Groove cutting machine. 2,332,646; Oct. 26.
- Kelm, Paul H. (See Pike, N. R., Kelm, and McLellan.)
- Kelsey, Elias L., Milford, Conn., assignor to Remington Arms Company, Inc., Firearm. 2,331,400; Oct. 12.
- Kelsey-Hayes Wheel Company. (See Forbes, Joseph A., assignor.)
- Kelsey-Hayes Wheel Company. (See Le Jeune, Frank H., assignor.)
- Kelsey-Hayes Wheel Company. (See Sinclair, Charles W., assignor.)
- Kelsey-Hayes Wheel Company. (See Whitten, Owen M., assignor.)
- Kelsey, Howard W., Bayside, N. Y. Lawn trimmer. 2,309,098; Feb. 2.
- Kelsey, Robert A., and H. Wright, assignors, by mesne assignments, to Airmax Corporation, San Diego, Calif. Rotary air cleaner. 2,324,629; July 20.
- Kelso, Charles D., Calumet City, Ill., assignor to Standard Oil Company, Chicago, Ill. Phosphorus sulphide-hydrocarbon reaction product. 2,315,729; Apr. 6.
- Kelso, Charles D., Calumet City, Ill., and L. W. Mixon, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricants. 2,316,085; Apr. 6.
- Kelso, Charles D., Calumet City, Ill., and L. W. Mixon, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,316,090; Apr. 6.
- Kellogg, Max, Springfield, Mass., assignor to Packard Machine and Gear Company, West Springfield, Mass. Driving mechanism. 2,321,090; June 8.
- Kemet Laboratories Company. (See McQuade, John D., assignor.)
- Kemmer, Paul H., Fairfield, Ohio. Reinforced metal covering for aircraft. 2,330,219; Sept. 28.
- Kemmer, Paul H., Fairfield, Ohio. Fluter and vibration prevention device for control surfaces. 2,332,516; Oct. 26.
- Kemmerer, Ralph R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,316,961; Apr. 20.
- Kemmerer, Ralph R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,322,142; June 15.
- Kemmerer, Ralph R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,335,151; Nov. 23.
- Kemmerer, Ralph R., Swissvale, and C. E. Staples, Edgewood, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,308,288; Jan. 12.
- Kennler, James W. (See Welge, W. C., and Kemmler.)
- Kemp, Frederick H., Peoria, Ill., assignor to Mid-West Cement Company, Detroit, Mich. Finishing stone. 2,328,459; Aug. 31.
- Kemp, Milton H., Oak Park, Ill., assignor to The Kendall Company, Boston, Mass. Adhesive sheet material. 2,331,610; Oct. 12.
- Kemper, John T. (See Juslin, V. E., and Carlevaro, assignors.)
- Kemper, Maxwell F., Los Angeles, Calif. Tunnel cementing apparatus. 2,313,826; Mar. 16.
- Kemper, Maxwell F., Los Angeles, Calif. Gate closure. 2,330,220; Sept. 28.
- Kempton, Leslie A., assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Connector structure. 2,332,319; Oct. 19.
- Kendall Company, The. (See Hocy, R. M., and Orrill, assignor.)
- Kendall Company, The. (See Kemp, Milton H., assignor.)
- Kendall Company, The. (See Knohl, Herbert, assignor.)
- Kendall, Horace C., and H. G. Freeman, assignors to Rockwood Sprinkler Company, Worcester, Mass. Fire extinguishing apparatus. 2,327,528; Aug. 24.
- Kendall, James W. (See Potter, C. E., and Kendall.)
- Kendall, John D., assignor to Ilford Limited, Ilford, England. Producing aza-methine dyes. 2,307,049; Jan. 5.
- Kendall, John D., assignor to Ilford Limited, Ilford, England. Production of compounds of the cyanine type. 2,310,640; Feb. 9.
- Kendall, John D., assignor to Ilford Limited, Ilford, England. Cyanine dyestuff intermediates. 2,332,517; Oct. 26.
- Kendall, John D., assignor to Ilford Limited, Ilford, England. Tricarbo-cyanine dyestuff and preparation. 2,335,861; Dec. 7.
- Kendall, John D., and R. B. Collins, Ilford, assignors to Ilford Limited, Ilford, Essex, England. Production of colored photographic images by color development and composition therefor. 2,312,040; Feb. 23.
- Kendall, John D. and R. B. Collins, assignors to Ilford Limited, Ilford, England. Production of photographic sensitizing dyestuffs. 2,319,547; May 18.
- Kendall, John D., and R. B. Collins, assignors to Ilford Limited, Ilford, England. Production of colored photographic images. 2,331,326; Oct. 12.
- Kendall, John D., and D. J. Fry, assignors to Ilford Limited, Ilford, England. Color photography. 2,333,106; Nov. 2.
- Kendall, John D., and R. B. Collins, assignors to Ilford Limited, Ilford, England. Color photography. 2,334,495; Nov. 16.
- Kendall, John D., and J. R. Major, Ilford, assignors to Ilford Limited, Ilford, Essex, England. Cyanine dyestuff intermediates. 2,334,711; Nov. 23.
- Kendall, Marcus T. (See Ryan, W. J., and Kendall.)
- Kendall Refining Company. (See McCluer, W. B., and Hufford, assignors.)
- Kendall Refining Company. (See McCluer, W. B., Hufford, and Philippbar, assignors.)
- Kendall, William A., Hinsdale, Ill. Fixture and mounting bracket therefor. 2,330,591; Sept. 28.
- Kende, George. (See Gilheus, O. W., and Kende.)
- Kende, George, (See Gilheus, O. W., Kende, and Porter.)
- Kende, George, New York, N. Y., and J. K. Cazin, Hoboken, N. J., assignors to Universal Camera Corporation, New York, N. Y. Camera. 2,317,465; Apr. 27.
- Kendig, Albert C., Los Angeles, Calif. Marking device. 2,338,039; Dec. 28.
- Kendis, Michael B., Kansas City, Mo. Lens drilling mechanism. 2,321,822; June 15.
- Kendler, Charles M., New York, N. Y., assignor to Manly Corporation, Washington, D. C. Fluid pressure device. 2,319,238; May 18.
- Kendrick, Charles M., New York, N. Y., assignor to Manly Corporation, Washington, D. C. Rotary fluid pressure device. 2,335,284; Nov. 30.
- Kendrick, Charles M., and I. A. Kazine, assignors to Manly Corporation, New York, N. Y. Fluid pressure device. 2,313,075; Mar. 9.
- Kendrick, Charles M., and I. A. Kazine, New York, N. Y., assignors to Manly Corporation, Washington, D. C. Fluid pressure device. 2,313,246; Mar. 9.
- Kendrick, John F., assignor to International-Stacey Corporation, Columbus, Ohio. Nozzle illuminating means. 2,330,592; Sept. 28.
- Kendrick, John F., assignor to International-Stacey Corporation, Columbus, Ohio. Method and apparatus for releasing jammed well-drilling tools. 2,336,257; Dec. 7.
- Kenefake, Edwin W., Schenectady, N. Y., assignor to General Electric Company. High frequency communication system. 2,330,593; Sept. 28.
- Kenefake, Edwin W., Schenectady, N. Y., assignor to General Electric Company. Carrier current apparatus. 2,336,258; Dec. 7.
- Kennedy, Abisalom M., University, Ala., assignor of one-half of S. J. Lloyd, University, Ala. Bleaching wood pulp. 2,307,137; Jan. 5.
- Kennedy, Alex R., deceased, by H. M. Kennedy, executrix, assignor to Indiana Condensed Milk Company, Indianapolis, Ind. Apparatus for processing canned foods. 2,319,505; May 18.
- Kennedy, Alex R., deceased, by H. M. Kennedy, executrix, assignor to Indiana Condensed Milk Company, Indianapolis, Ind. Processing canned foods. 2,322,693; June 22.
- Kennedy, Andrew J., Sr., Nashville, Tenn., assignor to The Egly Register Company, Dayton, Ohio. Message book. 2,319,506; May 18.
- Kennedy, Benjamin S., Rochester, N. Y. Play yard. 2,308,608; Jan. 19.
- Kennedy, Donald S. (See Smith, David J., assignor.)
- Kennedy, Douglas J., and W. E. Barker, Shawinigan Falls, assignors to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Electrolytic cell. 2,324,002; July 13.
- Kennedy, Edgar S. (See Davis, I. P., and Kennedy.)
- Kennedy, Eugene D., assignor to Reed Roller Bit Company, Houston, Tex. Reamer locking device. 2,310,584; Feb. 9.
- Kennedy, Freeman W., Montclair, N. J., assignor to Malleable Iron Fittings Company, Branford, Conn. Pole attachment suspension clamp for aerial wires and cables. 2,314,560; Nov. 16.
- Kennedy, Harriett M., executrix. (See Kennedy, Alex R.)
- Kennedy, Harry E., Berkeley, Calif., assignor to The Lind Air Products Company. Electric welding. 2,326,865; Aug. 17.
- Kennedy, Harvey T., Oakmont, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Shooting well. 2,316,596; Apr. 13.
- Kennedy, Harvey T., Oakmont, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Treating oil and gas wells for improvement of production therefrom. 2,337,295; Dec. 21.
- Kennedy, Harvey T., Oakmont, and A. J. Teplitz, Penn Township, Allegheny County, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Drilling fluid. 2,337,296; Dec. 21.
- Kennedy, James R. (See Adamchik, Michael T., assignor.)
- Kennedy, Joe G. (See Black, W. R., and Kennedy.)
- Kennedy, John A. (See Corbett, L. M., and Kennedy.)

- Kennedy, John A., Saco, and J. W. Bourassa, Lewiston, Maine; said Kennedy assignor to Saco-Lowell Shops, Boston, Mass. Bobbin and spindle. 2,331,611; Oct. 12.
- Kennedy, John J. (See Von Ohlsen, L. H., and Kennedy.)
- Kennedy, John J., New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Electrical system. 2,311,340; Feb. 16.
- Kennedy, John W., assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Form retainer for shirts and mounting shirts thereon. 2,321,147; June 8.
- Kennedy, Joseph E., assignor to Kennedy-Van Saun Mfg. & Eng. Corporation, New York, N. Y. Fuel burner. 2,335,188; Nov. 23.
- Kennedy, Leo M., Hamilton, Ontario, Canada, assignor to Marathon Paper Mills Company. Carton. 2,323,779; July 6.
- Kennedy, Mabry D., and R. Sias, assignors to American Machinery Corporation, Orlando, Fla. Marking machine. 2,329,842; Sept. 21.
- Kennedy, Mabry D., and R. Sias, assignors to American Machinery Corporation, Orlando, Fla. Ribbon mechanism for stamping machines. 2,335,679; Nov. 30.
- Kennedy, Margaret H. (See Johnston, W. R., Stokes, Kennedy, and Frey.)
- Kennedy, Matthew M., Philadelphia, and J. E. McCambridge, Drexel Hill, Pa. Rivet set. 2,307,796; Jan. 12.
- Kennedy, Maurice de K. T., U. S. Army, Flint, Mich. Engine stand. 2,311,668; Feb. 23.
- Kennedy, Raymond J., San Francisco, Calif. Portable container. 2,333,014; Oct. 26.
- Kennedy, Robert E. (See Carpenter, J. H., Kennedy, and McClanahan.)
- Kennedy-Van Saun Mfg. & Eng. Corporation. (See Kennedy, Joseph E., assignor.)
- Kennedy-Van Saun Mfg. & Eng. Corporation. (See Laboulais, Jean L., assignor.)
- Kennedy-Van Saun Mfg. & Eng. Corporation. (See Pyle, John V., assignor.)
- Kennedy, Victor J., Kahoka, Mo. Chimney ventilator or cow. 2,321,919; June 15.
- Kennett, Samuel C., Helena, Mont. Fruit knife. 2,335,013; Nov. 23.
- Kenney, Carl L. (See Bollinger, F. E., and Kenney.)
- Kenney, Douglas J. (See Thomas, F. M., Kenney, and Price.)
- Kenney, Frank A., Birmingham, Mich. Brake regulator for railroad freight cars. 2,336,691; Dec. 14.
- Kenney, Mahlon W., Oak Park, and H. G. Jensen, assignors to Rayolite Rifle Range Company, Chicago, Ill. Electric rifle range. 2,308,814; Jan. 19.
- Kenney Manufacturing Company. (See Kenney, William C., assignor.)
- Kenney, William C., assignor to Kenney Manufacturing Company, Cranston, R. I. Drapery festoon ring. 2,316,337; Apr. 13.
- Kennigott, Robert L. (See Doe, T. B., and Kennigott.)
- Kennon, Louis H., Houston, Tex. Valve assembly. 2,327,600; Aug. 24.
- Kennington Steel Company. (See Gerow, Theron G., assignor.)
- Kent, Arthur A., Los Angeles, Calif. Reading apparatus. 2,325,324; July 27.
- Kent, Charles E., and O. M. Carlson, assignors to Crane Co., Chicago, Ill. Backup ring or sleeve for welding. 2,320,700; June 1.
- Kent, Curt P., Lyndhurst, N. J. Fabric printing apparatus. 2,333,382; Nov. 2.
- Kent, Dorothy, Dillon Beach, Calif. Portable hand operated dishwasher. 2,307,408; Jan. 5.
- Kent, Frank T., Hope, Ind. Towel bar extensions. 2,313,245; Mar. 9.
- Kent, Frederick J. (See Little, R., and Kent.)
- Kent Hardware Mfg. Corp. (See Nisenen, Jules, assignor.)
- Kent, Lee W., Evanston, Ill. Window control and locking device. 2,335,421; Nov. 30.
- Kent, Maurice E., New London, Conn. Golf club. 2,336,405; Dec. 7.
- Kent, Milton F., and S. L. Jameson, Schenectady, N. Y., assignors to General Electric Company. Heat exchanger. 2,337,899; Dec. 28.
- Kent, Raymond L., Marston Green, near Birmingham, and J. N. Morris, Edgbaston, Birmingham, England. Pump. 2,329,912; Sept. 21.
- Kent, Walter E., Decatur, Ill. Air volume control. 2,327,601; Aug. 24.
- Kentner, Carroll D., Medford Lakes, N. J., assignor to Radio Corporation of America. Modulation measuring system. 2,329,625; Sept. 14.
- Kenworth Motor Truck Corporation. (See Fruehauf, Herman, assignor.)
- Kenworth Motor Truck Corporation (See Holmstrom, J. G., and Brown, assignors.)
- Kenyon Instrument Co. (See Newell, Arthur T., assignor.)
- Kenyon, John N., New York, N. Y. Fatigue testing machine and method. 2,328,908; Sept. 7.
- Kenyon, Theodore W., Newton, Mass., assignor, by mesne assignments, to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Indicating turning movements of a craft. 2,307,590; Jan. 5.
- Kenyon, William O. (See Lowe, W. G., and Kenyon.)
- Kenyon, William O. (See McDowell, W. H., and Kenyon.)
- Kenyon, William O., and W. G. Lowe, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of amino compounds. 2,311,054; Feb. 16.
- Kenyon, William O., and W. H. McDowell, assignors to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin and film therefrom. 2,333,796; Nov. 9.
- Keough, Edward J., Stamford, Conn., assignor to International Business Machines Corporation, New York, N. Y. Record sequence checking device for tabulating machines. 2,335,945; Dec. 7.
- Keough, Zachariah E., Mansfield, Ohio. Resilient wheel construction. 2,322,454; June 22.
- Kepper, Raymond J., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Galvanizing process and composition. 2,311,669; Feb. 23.
- Kepper, Raymond J., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Co., Wilmington, Del. Formed tetrasodium pyrophosphate composition and making same. 2,326,949; Aug. 17.
- Kepper, Raymond J., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process and product. 2,326,950; Aug. 17.
- Kepler, Francis M., Upper Darby, Pa. Machine for and method of bending tubing. 2,310,091; Feb. 2.
- Kepler, William R., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Making multilayer vessels. 2,337,247; Dec. 21.
- Kepler, Robert C., Bloomsburg, Pa., assignor to American Car and Foundry Company, New York, N. Y. Caster truck. 2,333,255; Nov. 2.
- Kerker, Helmut. (See Platz, C., Wagner, Keppler, and Neller.)
- Keramen, George M., Homewood, assignor to Standard Oil Company, Chicago, Ill. Catalytic treatment of hydrocarbon oils. 2,325,611; Aug. 3.
- Kerber, Joseph H. (See Drott, E. A., and Kerber.)
- Kerby, Lowell J., Owosso, Mich., assignor to A. B. Chance Company, Centralia, Mo. Tool for applying armor to transmission line conductors. 2,319,996; May 25.
- Kercher, Arthur J., Berkeley, Calif. Electrical contacting device. 2,314,989; Mar. 30.
- Kercher, Arthur J., Berkeley, Calif. Bimetal tank. 2,316,437; Apr. 13.
- Kerlow Steel Flooring Company. (See Bunker, Herbert H., assignor.)
- Kermath Manufacturing Company. (See Schultz, A. B., and Bush, assignors.)
- Kerner, Martin J., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Method and apparatus for concentrating liquids which upon concentration deposit crystals and leave a residual concentrated liquor. 2,330,221; Sept. 28.
- Kern, Emil, assignor to Acco Products, Inc., Long Island City, N. Y. Filing equipment. 2,337,393; Dec. 21.
- Kern, Fred T., Milwaukee, Wis. Apparatus for separating materials. 2,314,542; Mar. 23.
- Kern, Jerome J. (See Chambers, Steven, assignor.)
- Kern, Nathaniel C., Birmingham, Mich. Floor molding. 2,328,651; Sept. 7.
- Kernen, Robert R., Georgetown, Ky. Thermal control for electric circuit. 2,316,872; Apr. 20.
- Kerner, F. J. (See Anderson, William M., assignor.)
- Kern Incinerator Company. (See Nicol, Herbert E., assignor.)
- Kerns, William J., Rahway, and C. M. Beamer, Roselle, N. J., assignors to Standard Oil Development Company. Sulphur removal from hydrocarbons. 2,311,342; Feb. 16.
- Kerotest Manufacturing Company. (See Mueller, Richard W., assignor.)
- Kerr, Albert, Burke, Tex. Envelope. 2,334,413; Nov. 16.
- Kerr, Arthur N., Los Angeles, Calif., assignor to Phillips Petroleum Company. Dispensing system. 2,316,338; Apr. 13.
- Kerr, Bartlett M. (See Thompson, W. G., and Kerr.)
- Kerr, Charles E., Hoopeson, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Filling valve. 2,307,223; Jan. 5.
- Kerr, Charles E., Hoopeson, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Universal corn cutter. 2,323,092; June 29.
- Kerr, Charles E., Hoopeson, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Corn husker. 2,325,859; Aug. 3.
- Kerr, Charles E., Hoopeson, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Corn husker. 2,329,768; Sept. 21.
- Kerr, Charles E., Hoopeson, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Bean orienting device. 2,333,576; Nov. 2.
- Kerr, Charles E., Hoopeson, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Feed roll for corn cutters. 2,335,594; Nov. 30.
- Kerr, Charles E., Hoopeson, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Continuous juice pasteurizer. 2,338,040; Dec. 28.
- Kerr, Clarence A., Kent, Wash. Core for concrete molds. 2,325,686; Aug. 3.
- Kerr, Earl G., Leonia, N. J., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Process of making adhesive tapes. 2,319,933; May 25.

- Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Boiler apparatus. 2,316,763; Apr. 20.
- Kerr, James G., Washington, D. C., assignor to Gilman Fanfold Corporation, Niagara Falls, N. Y. Manifold assembly. 2,327,719; Aug. 24.
- Kerr, Joseph J., Dillon, S. C. Bicycle handle-bar seat. 2,321,752; June 15.
- Kerr, Maxwell A., Collingswood, N. J., assignor to Radio Corporation of America. Sound operated control system. 2,311,445; Feb. 16.
- Kerr, Ralph W., Bowman, N. Dak. Latch handle. 2,336,102; Dec. 7.
- Kerr, Ralph W., Riverside, Ill., assignor to Corn Products Refining Company, New York, N. Y. Treatment of starch. 2,332,320; Oct. 19.
- Kerr, Thomas J. (See Hedges, W. D., Lowman, and Kerr.)
- Kerrick, Joseph H. (See Hyson, J. A., and Kerrick.)
- Kerrigan, Frank J., Winchester, Mass. Bubble cap. 2,320,822; June 1.
- Kerry, John R., Palatine, assignor to The House of Vision, Belgard-Spero, Inc., Chicago, Ill. Lap storage rack. 2,318,081; May 4.
- Kershaw, Arthur G., and A. W. Simmons, King's Cross, London, England, assignors, by mesne assignments, to Westinghouse Air Brake Company, Pittsburgh, Pa. Control of fluid compressor systems. 2,330,364; Sept. 28.
- Kershaw, Henry, Belleville, N. J. Photographic apparatus. 2,309,960; Feb. 2.
- Kershaw, Henry, Belleville, N. J. Method of and apparatus for welding. 2,316,597; Apr. 13.
- Kershaw, Robert H., Long Beach, Calif. Mount for direction stove. 2,327,905; Aug. 2.
- Korst, Donald W., Scotia, N. Y., assignor to General Electric Company. Magnetic induction accelerator. 2,335,014; Nov. 23.
- Kortess, Elizabeth, and I. K. Lorant, New York, N. Y. Article of apparel. 2,321,001; June 8.
- Korth, Max, Bad Soden in Thunus, and A. Link, Frankfurt-on-the-Main-Hochst, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Producing effects on textile material. 2,317,466; Apr. 27.
- Keeling, Elmer G., Bloomfield, Mo. Gear shifting mechanism. 2,323,878; July 6.
- Kesselring, Fritz, F. Gleffers, W. Kaufmann, H. Neugebauer, W. Turtelbeck, R. Schlumpf, and M. Zühlske, Berlin, Germany, vested in the Alien Property Custodian. Apparatus for interrupting or controlling electric currents. 2,316,170; Apr. 13.
- Kessler, Charles A., Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding device for sewing machines. 2,307,513; Jan. 5.
- Kessler, Charles J., Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Liquid dispensing apparatus. 2,319,739; May 18.
- Kessler, Frank. (See Voss, J. H., and Kessler.)
- Kessler, Frank, Villa Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,314,990; Mar. 30.
- Kessler, Milton, Youngstown, Ohio. Thread lock. 2,320,936; June 1.
- Kestell, Thomas A. (See Gouldbourn, J., and Kestell.)
- Kesteloot, Joseph F., Chicago, Ill. Drain relief device. 2,327,602; Aug. 24.
- Kestenbaum, Israel X. (See Rabinowicz, Mechel, assignor.)
- Kestenbaum, Paul, Brooklyn, N. Y. Treating furs. 2,309,907; Feb. 2.
- Kester, Arthur S., assignor to Rauland Corporation, Chicago, Ill. Luminant dial lock. 2,323,608; July 6.
- Kester, Ernest B., Forest Hills, assignor to Koppers Company, Pittsburgh, Pa. Naphthalene-formaldehyde-phenol resin. 2,330,827; Oct. 5.
- Kester, Ernest B., Forest Hills, assignor to Koppers Company, Pittsburgh, Pa. Fatty oil modified-naphthalene-formaldehyde resins. 2,337,051; Dec. 21.
- Keszler, Ernst. (See Szegel, I., and Keszler.)
- Ketchum, William R., Phoenix, Ariz. Refining and preserving citrus fruit juices. 2,319,994; May 25.
- Ketick, Ferdinand F., Jr., Los Angeles, Calif. Wallet retainer. 2,312,100; Feb. 23.
- Kettenbach, Oscar L., Tucson, Ariz., assignor to Chemical Seed Treating and Delinting Corporation. Treatment of cotton seed and the like. 2,308,893; Jan. 19.
- Keuffel, Adolf W., Montclair, and D. E. Whitlock, Orange, assignors to Keuffel & Esser Company, Hoboken, N. J. Measuring tape. 2,321,920; June 15.
- Keuffel & Esser Company. (See Haas, Sherwin W., assignor.)
- Keuffel & Esser Company. (See Jacobus, D. D., and Bose, assignors.)
- Keuffel & Esser Company. (See Keuffel, A. W., and Whitlock, assignors.)
- Keunecke, Emil. (See Stoewener, F., Keunecke, and Becke.)
- Keuning, Klaus J. (See Cramwinckel, A., Dippel, Keuning, and Van Weenen.)
- Kevorkian, Joseph D., Philadelphia, Pa., and J. R. Wolfson, Forest Hills, N. Y. Knife. 2,319,607; May 18.
- Keyanuee Manufacturing Company. (See Campbell, James A., assignor.)
- Key, Percy C., College Station, Tex. Automatic hose coupling. 2,319,329; May 18.
- Keyes, Grafton H. (See Brooker, L. G. S., and Keyes.)
- Keyes, Harmon E., Phoenix, Ariz. Production of iron sulphate. 2,332,647; Oct. 26.
- Keyes, William A. (See McFarlane, L. F., and Keyes.)
- Keys, James R., and H. D. Oberdorfer, assignors to New Castle Products Inc., New Castle, Ind. Hangar door structure. 2,321,491; June 8.
- Keyssner, Ernst. (See Reppe, W., Keyssner, and Hecht.)
- Keyzer, Albertus J., New York, N. Y. Stereoscopic projection and observation apparatus. 2,307,276; Jan. 5.
- Kharasch, Morris S., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making a phenyl mercuric carboxylic acid amide. 2,336,359; Dec. 7.
- Kharasch, Morris S., and H. C. Brown, Chicago, Ill., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,320,228; Aug. 10.
- Kharasch, Morris S., and H. C. Brown, Chicago, Ill., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing carboxylic acid chlorides. 2,326,220; Aug. 10.
- Khoury, George H., Brooklyn, N. Y. Reversible fabric. 2,316,254; Apr. 13.
- Khuon, Eugene, and J. H. Washington, D. C. Hand grenade. 2,331,198; Oct. 5.
- Kibler, Everett L., Pittsburgh, Pa. Tire chain applying tool. 2,323,917; July 13.
- Kidd, Benjamin H., Louisville, Ky. Stuffing machine. 2,330,496; Sept. 28.
- Kidd, James M., Birmingham, Ala. Filter. 2,327,803; Aug. 4.
- Kidd, Wilmot H., Sharon, assignor to The Foxboro Company, Foxboro, Mass. Density measuring apparatus. 2,328,460; Aug. 31.
- Kidder, Elwin H., La Porte, Ind., assignor to American Cressington Company, Inc., Louisville, Ky. Tie unloading and loading mechanism. 2,322,636; June 22.
- Kider, Eugene, assignor to F. E. Fendring, Los Angeles, Calif. Door lock. 2,318,947; May 11.
- Kidder, Willie G., Los Angeles, Calif. Slenderizing, non-ride-up garment. 2,319,779; May 25.
- Kidston, Roy P. (See Freud, J., and Kidston.)
- Kieckhefer Container Company. (See Kieckhefer, Herbert M., assignor.)
- Kieckhefer Container Company. (See Kieckhefer, H. M., and Clark, assignors.)
- Kieckhefer Container Company of Delair, New Jersey. (See Kavanaugh, Joseph P., assignor.)
- Kieckhefer, Herbert M., Riverton, assignor to Kieckhefer Container Company, Delair, N. J. Egg container. 2,315,624; Apr. 6.
- Kieckhefer, Herbert M., and S. B. Clark, Riverton, assignors to Kieckhefer Container Company, Delair, N. J. Connected container. 2,327,529; Aug. 24.
- Kiefer, Felix, Beechhurst, N. Y. Preservation of comestibles. 2,318,867; May 11.
- Kiefer, Joseph E., assignor to The Streine Tool and Manufacturing Company, New Bremen, Ohio. Strip coil handling. 2,327,906; Aug. 24.
- Kiefer, Karl, Kiechliche Company, The. (See Hallead, M., and Feuchelmer, assignors.)
- Kiefer, William C. (See Gamache, H., and Kiefer.)
- Kiehl, Harry R., assignor to Corning Glass Works, Corning, N. Y. Tempered hollow glass article. 2,320,057; Sept. 7.
- Kiek, Maurits and J. Anings, Eindhoven, Netherlands; assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Magnetic filter. 2,317,774; Apr. 27.
- Kiel, John R., Merchantville, N. J., assignor to M. R. Kiel, Wilmette, Ill. Sound on film. 2,314,834; Mar. 23.
- Kiel, Julius H., et al. (See Owen, Ira J., assignor.)
- Kiel, Mary R. (See Kiel, J. R., assignor.)
- Kiel, Robert B., et al. (See Owen, Ira J., assignor.)
- Kieley and Mueller, Inc. (See Quiroz, Francisco A., assignor.)
- Kien, William J., Chicago, Ill. Valve. 2,325,325; July 27.
- Kiene, William J., Chicago, Ill. Dampening and motion transmission mechanism for gauges. 2,325,326; July 27.
- Kienle, Roy H., Bound Brook, and A. L. Pelker, East Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Coloring material. 2,323,871; July 6.
- Kienle, Roy H., Bound Brook, R. H. Park, Bridgewater Township, Somerset County, C. H. Benbrook, North Plainfield, and E. F. Grieb, Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Continuous recorder for color changes. 2,328,461; Aug. 31.
- Kiernan, Joseph F., Brooklyn, N. Y. Drying fiberboard and the like. 2,323,918; July 13.
- Kierner, Anton, Union, assignor to E. Prazak, Elizabeth, N. J. Cross-stitch sewing machine. 2,322,523; June 22.
- Kiersted, Wynkoop, Jr., Scarsdale, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Solvent refining of oil and recovery of the solvent. 2,312,912; Mar. 2.

- Kiersted, Wynkoop, Jr., Scarsdale, assignor to The Texas Company, New York, N. Y. Filtration. 2,335,422; Nov. 30.
- Kiesling, Le Roy H., Brooklyn, N. Y. Elevator guide means. 2,309,123; Jan. 26.
- Kiesskalt, Siegfried, and E. Korinthe, Frankfurt-on-the-Main, Germany; vested in the Alien Property Custodian. Oscillation tube mill. 2,323,544; July 6.
- Kiessling, Max. (See Parker, R. A., Kiessling, M. and M. J.)
- Kihn, Harry, Audubon, N. J., assignor to Radio Corporation of America. Discriminator circuit. 2,323,609; July 6.
- Kilborn, Karl B., assignor to Wingfoot Corporation, Akron, Ohio. Method and apparatus for vulcanizing belts. 2,325,204; July 27.
- Kilborn, Karl B., assignor to Wingfoot Corporation, Akron, Ohio. Method and apparatus for vulcanizing belts and the like. 2,328,909; Sept. 7.
- Kilborn-Sauer Company, The. (See Sauer, Henry J., assignor.)
- Kilbourne, Frederick L., Jr., Copley, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Reclaiming synthetic rubber. 2,322,088; July 20.
- Kilbourne, James. (See Curley, M. H. and Kilbourne.)
- Kilbourn, James. (See Keen, T. A., and Kilbourn.)
- Kilgore Development Corporation. (See Ford, J. H., and Eck, assignors.)
- Kilgore, Lee A., and M. Liwischitz, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Variable-speed induction-motor design and control. 2,333,575; Nov. 2.
- Kilgore Mfg. Company, The. (See Rickenbacher, Robert J., assignor.)
- Kilian, Rudolph R., Baldwinville, assignor to Rollway Bearing Company, Inc., Syracuse, N. Y. Cage construction for roller bearings. 2,322,113; July 15.
- Kiluire, Frederick, Windsor, Ontario, Canada, assignor to Northern Engineering Works, Detroit, Mich. Control unit. 2,319,868; May 25.
- Killam, Horace G. (See Huey, H. I., Killam and Russell.)
- Killam, Kenneth A. (See Schwarzhaupt, P. J., Killam, and Taylor.)
- Killam, Kenneth A., Schenectady, N. Y., and F. W. Merrill, Fort Worth, Tex., assignors to General Electric Company. Dynamoelectric machine. 2,312,101; Feb. 23.
- Killbrew, R. H. (See Messner, Daryle, assignor.)
- Killefer Manufacturing Corporation. (See Thomas, Thomas M., assignor.)
- Killefer Manufacturing Corporation. (See Wadelson, E. F., and Thomas, assignors.)
- Killeffer, David H., Crestwood, N. Y. Refrigerating system. 2,328,462; Aug. 31.
- Killeffer, David H., Crestwood, N. Y. Prime mover. 2,328,463; Aug. 31.
- Killian, Donald B. (See Loder, D. J., Gresham, and Killian.)
- Killian, Stanley C. (See Cornell, E. S., Fjellstedt, and Killian.)
- Kilbough, Walton B., Baytown, Tex., assignor to Standard Oil Development Company. Cleaning petroleum refining equipment. 2,332,800; Oct. 26.
- Kilpatrick, Howard M., New York, N. Y. Check controlled and dispensing turnstile and other device. 2,312,340; Mar. 2.
- Kittie, Ordean, Fort Wayne, Ind., assignor to General Electric Company. Regulating circuit. 2,328,464; Aug. 31.
- Kimball, A. Company. (See Weimont, Joseph, assignor.)
- Kimball, Charles N. (See Rankin, J. A., and Kimball.)
- Kimball, Don L., Detroit, Mich. Advertising device. 2,336,548; Dec. 14.
- Kimball, Wallace D., Jackson Heights, assignor to Standard-Knapp Corporation, Long Island City, N. Y. Cam-arranging apparatus. 2,312,060; Feb. 23.
- Kimball, Wallace D., Jackson Heights, N. Y., assignor to Standard-Knapp Corporation, Portland, Conn. Case sealing machine. 2,324,401; July 13.
- Kimball, Arthur W., West Newton, assignor to United Carr Fastener Corporation, Cambridge, Mass. Electrical socket. 2,318,868; May 11.
- Kimble Glass Company. (See Anastor, C. G., and Henry, assignors.)
- Kimble Glass Company. (See Buzby, Lawrence W., assignor.)
- Kimble Glass Company. (See Dichter, Jakob, assignor.)
- Kimble Glass Company. (See Harker, John S., assignor.)
- Kimble Glass Company. (See Hoyer, Arnold, assignor.)
- Kimble Glass Company. (See Rhein, Edwin J., assignor.)
- Kimble Glass Company. (See Zarbo, George, assignor.)
- Kimbrough, Frank R., Richmond, Va. Combined casting and stationary float. 2,316,074; Apr. 6.
- Kimmel, George P. (See Bosworth, Thomas E., assignor.)
- Kimmel, George P., Brookville, Md., assignor to The Ful Vine Sales Company, Providence, R. I. Ophthalmic mounting. 2,337,560; Dec. 28.
- Kimmell, Garman O., Oklahoma City, Okla. Apparatus for removing samples from flowing streams. 2,327,111; Aug. 17.
- Kimmich, Elmer G., assignor to Wingfoot Corporation, Akron, Ohio. Conveyor system. 2,326,098; Aug. 3.
- Kimmig, J. (See Vonkennel, J., and Kimmig.)
- Kimsey, William L. (See Miller, G. W., and Kimsey.)
- Kin, Myron. (See Kauppi, T. A., and Kin.)
- Kinatome Patents Corporation. (See Foster, W. D., and Sackett, assignors.)
- Kincaid, Frank M., Jr., Mountain Lakes, N. J., assignor to Wright Aeronautical Corporation. Clamp joint. 2,326,866; Aug. 17.
- Kindelmann, Albert, Floral Park, and E. Boecking, Great Kills, assignors to International Projector Corporation, New York, N. Y. Speed controlled mechanism. 2,323,664; July 6.
- Kindt, Frederick L., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Fluid pressure regulator. 2,334,496; Nov. 16.
- Kindred, MacLean & Company, et al. (See Klein, Charles, assignor.)
- Kindseth, Harold V. (See Coakley, L., and Kindseth.)
- Kiner, Glenn, Markham, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Train dispatcher signal system. 2,334,333; Nov. 16.
- Kinetic Chemicals, Inc. (See Benning, A. F., and Park, assignors.)
- King, Aden J., assignor to King Laboratories Inc., Syracuse, N. Y. Getter for vacuum tubes. 2,316,127; Apr. 6.
- King, Alfred T., Upper Darby, assignor to Hess and Barker, Philadelphia, Pa. Web aligning apparatus. 2,331,030; Oct. 5.
- King, Alice C., East Orange, N. J., assignor to Hobar Sales Co., New York, N. Y. Bedclothes control. 2,321,394; June 8.
- King, Andrew L., Toronto, Ontario, Canada, assignor to Lin. Mater. Corp., Milwaukee, Wis. Boltless guy fitting. 2,309,322; Jan. 26.
- King, Bert W., assignor to Barnes Products, Incorporated, Detroit, Mich. Scale chart. 2,315,710; Apr. 6.
- King, Carl B., Bluefield, W. Va. Cigarette package. 2,338,041; Dec. 28.
- King, Carl H., and G. C. Appel, assignors to Globe-Union Inc., Milwaukee, Wis. Nonspill vent plug. 2,315,431; Mar. 30.
- King, Charles E., Clarkston, Mich. Electromechanical paint remover. 2,315,121; Mar. 30.
- King, Charles G., and E. G. White, Pittsburgh, Pa., assignors of one-half to Parke, Davis & Company, Detroit, Mich., and one-half to Abbott Laboratories, North Chicago, Ill. Preparation of ascorbic acid and l-gulonic acid. 2,315,600; May 4.
- King, Clarence A. (See Davidson, A. M., and King.)
- King, Claude L., assignor to James W. Cook & Company, Limited, London, England. Cleaning of sacks, bags, or like containers. 2,324,456; July 13.
- King, David W., Knoxville, Tenn. Apparatus for freezing foodstuffs. 2,324,517; July 20.
- King, Douglas H., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical terminal. 2,329,471; Sept. 14.
- King, Douglas H., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone apparatus. 2,337,900; Dec. 28.
- King, Emory O., Kansas City, Kans., assignor of one-third to J. Booher and one-third to W. W. Daywalt, both of Kansas City, Mo. Protective composition of matter for users of X-rays. 2,315,061; Mar. 30.
- King, Ernest J., New York, N. Y. Hat construction. 2,313,381; Mar. 9.
- King, Francis W., New Malden, England. Aircraft. 2,331,837; Oct. 12.
- King, Franklin, Narrows, Va., assignor to Celanese Corporation of America. Tensioner. 2,312,419; Mar. 2.
- King, Franklin, Narrows, Va., assignor to Celanese Corporation of America. Cheesing machine. 2,337,112; Dec. 21.
- King, Franklin R., Yelm, Wash. Fuel injector. 2,317,618; Apr. 27.
- King, George D., assignor to United States Gypsum Company, Chicago, Ill. Making cement products. 2,322,194; June 15.
- King, George E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Geared limit switch. 2,307,514; Jan. 5.
- King, George E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective control system. 2,315,625; Apr. 6.
- King, George E., Wilkinsburg, and W. H. Formhals, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Variable voltage planer control. 2,322,637; June 22.
- King, George T., Sr., Lancaster, S. C., deceased; W. C. King, administrator. Textile drying apparatus. 2,309,961; Feb. 2.
- King, Harold B., Sunbury, Pa. Valve. 2,330,290; Sept. 28.
- King, Harold D., Medina, Ohio, assignor to American Hard Rubber Company, New York, N. Y. Cover for cooler cabinets. 2,321,753; June 15.
- King, Henry G., Lorain, Ohio. Lighting device. 2,328,364; Aug. 10.
- King, Henry K., Bethesda, Md. Spark plug. 2,334,203; Nov. 16.
- King, Henry K., Cabin John, Md. Spark plug. 2,334,204; Nov. 16.
- King, James, Glendale, Calif. Connecting pin. Re. 2,325,54; July 27.
- King, James I., Burbank, Calif. Hose clamp. 2,324,780; July 20.

- King, James T., Burbank, Calif. Hose clamp. 2,330,898; Oct. 5.
- King, James T., Burbank, Calif., assignor to Hayes Industries, Inc., Jackson, Mich. Expander tube brake. 2,314,712; Mar. 23.
- King, Jesse C., La Junta, Colo. Templet carrier for articulators. 2,315,338; Mar. 30.
- King, Joseph M., Detroit, Mich. Fluid temperature controller. 2,316,075; Apr. 9.
- King Laboratories Inc. (See King, Aden J., assignor.)
- King, Lacey L., Tulsa, Okla. Golf yardage registering device. 2,329,992; Sept. 21.
- King & Lang, Inc. (See King, R. J., and Mitchell, assignors.)
- King, Lester J., Chicago, Ill. Window shelf. 2,328,910; Sept. 7.
- King Powder Company, The. (See Lindsley, Milton F., Jr., assignor.)
- King, Robert A., Erie, Pa., assignor to General Electric Company. Refrigeration apparatus. 2,317,775; Apr. 27.
- King, Robert A., Erie, Pa., assignor to General Electric Company. Refrigerator cabinet. 2,319,001; May 1.
- King, Robert E. (See Xenis, C. P., Ferine, and King.)
- King, Robert J. (See Andrews, R. and King.)
- King, Robert J., New Canaan, and W. Mitchell, Jr., assignors to King & Lang, Inc., Stamford, Conn. Rubber. 2,331,199; Oct. 5.
- King Seely Corporation. (See Bell, Rupert B., as assignor.)
- King, Theodore N., assignor to Hancock Manufacturing Company, Jackson, Mich. Latch mechanism. 2,329,120; Sept. 7.
- King, Thomas L., New York, N. Y., and R. H. Butler, Westfield, assignors to Merck & Co., Inc., Rahway, N. J. Laboratory equipment. 2,334,774; Nov. 23.
- King, Victor L. (See Viningham, A. C., and King.)
- King, Victor L., Bound Brook, C. E. Mensing, Soumerville, and D. H. Welch, Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Autoclave. 2,312,217; Feb. 23.
- King, Victor L., and J. W. Foote, Bound Brook, and D. H. Welch, Plainfield, N. J., assignors to American Cyanamid Company, New York, N. Y. Preparation of copper phosphates. 2,318,797; May 11.
- King, Walter C., administrator. (See King, George T., Sr.)
- King, Walter E., Houston, Tex. Packed swivel joint. 2,312,341; Mar. 2.
- King, Wilbert A., Memphis, Tenn., J. H. Kleiner, Atlantic City, N. J., and A. R. Krotzer, Philadelphia, Pa., assignors, by mesne assignments, to Allied Chemical & Dye Corporation. Refining of styrene crudes. 2,330,259; Dec. 7.
- King, William R., Mineola, Tex. Differential pressure loaded control valve. 2,309,848; Feb. 2.
- Kingdom of The Netherlands, Post Office Administration. (See Van Duuren, Hendrik C. A., assignor.)
- Kingdon, Ralph H. (See Jackson, J. G., and Kingdon.)
- Kingdon, Ralph H., assignor to Square D Company, Detroit, Mich. Electric switch. 2,326,299; Aug. 10.
- Kingery, Leroy F., assignor to Shoher Sales, Inc., Stockton, Calif. Rotor setting device for welders. 2,309,250; Jan. 26.
- Kingman, Russell B., Orange, N. J. Leakproof applicator closure for dispensing containers. 2,307,224; Jan. 5.
- Kingman, Russell B., Orange, assignor to Metal Textile Corporation, West Orange, N. J. Flexible packing material. 2,329,994; Sept. 21.
- Kingsbury Machine Tool Corporation. (See Foster, Benjamin N., assignor.)
- Kinson, Justin I., Mount Vernon, assignor to Millburn Mills, Inc., New York, N. Y. Chef's cap. 2,329,539; Sept. 14.
- Kingston, Arthur W., assignor to Combined Optical Industries Limited, London, England. Optical lens and similar device. 2,314,838; Mar. 23.
- Kingston, Frederick C. (See Kaelin, Edward S., assignor.)
- Kingston, Justin I., Mt. Vernon, N. Y., assignor to The Mono-Script Co., Inc. Fountain marking device. 2,320,823; June 1.
- Kingston Products Corporation. (See Zimmerman, Mark E., assignor.)
- Kinloch, Donald H., Parlin, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Package for coiled photograph film. 2,335,766; Nov. 30.
- Kinnaird, William R., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic apparatus. 2,315,208; Mar. 30.
- Kinnard, Frank M., Sebring, Ohio. Clay spreader. 2,335,123; Nov. 23.
- Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Fifth wheel mounting. 2,336,939; Dec. 14.
- Kinne, Edmund P., and F. H. Kayler, Alliance, Ohio, assignors to American Steel Foundries, Chicago, Ill. Draft connection. 2,307,409; Jan. 5.
- Kinnear Manufacturing Company, The. (See McCloud, Edward H., assignor.)
- Kinney, Bert A., Marshall, Tex. Counterbalance for welders' hoods. 2,309,599; Jan. 26.
- Kinney, Charles G., Washington, D. C. Adjustable garment hanger. 2,335,285; Nov. 30.
- Kinney, Frederick C., Evanston, Ill. Warning light. 2,308,055; Jan. 12.
- Kinney, Howard D., El Dorado, Ark., assignor to S. P. Beddingfield, Bossier City, La. Valve structure for combined formation testing tools and pressure recorders. 2,326,897; Aug. 17.
- Kinney, James, Mayland, Mich., assignor to Pet Milk Company, St. Louis, Mo. Sediment tester. 2,307,318; Jan. 5.
- Kinney, John W., Jr. (See Holland, J. F., and Kinney, Jr.)
- Kinney, Kenneth W. (See Van Horn, O. F., Kinney, and McGlohn.)
- Kinney, Paul W., assignor to Armstrong Cork Company, Lancaster, Pa. Coated cork composition. 2,317,328; Apr. 20.
- Kinney, Robert C., Malden, Mass. Sewing case. 2,317,200; Apr. 20.
- Kinney, Selwyn P. (See Brassert, H. A., and Kinney.)
- Kinney, Wallace E., Shelby, Neb. Paintbrush wiper. 2,321,492; June 8.
- Kinney, Walter B. (See Salzberg, H. K., and Kinney.)
- Kinnucan, James W., Detroit, Mich., assignor, by mesne assignments, to Continental Aviation and Engineering Corporation. Reduction drive mechanism. 2,309,908; Feb. 2.
- Kiny Manufacturing Company, et al. (See Livingston, Donald B., assignor.)
- Kinports, Paul H., International Falls, assignor to Minnesota and Ontario Paper Company, Minneapolis, Minn. Corner shiplapping apparatus. 2,335,707; Nov. 30.
- Kinports, Paul H., International Falls, assignor to Minnesota and Ontario Paper Company, Minneapolis, Minn. Shiplapping machine. 2,335,708; Nov. 30.
- Kinrich, Boris L., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measuring apparatus. 2,324,215; July 13.
- Kinsella, Frank E., assignor, by mesne assignments, to D. B. Rapaport, Chicago, Ill. Electrically driven toy vacuum cleaner. 2,322,804; June 29.
- Kinsey, Herbert L., Iowa City, Iowa. Garment accessories. 2,330,128; Nov. 2.
- Kinter, Ralph E., North Braddock, and R. G. Stewart, Sr., Pittsburgh, Pa. Guide for rail mills. 2,333,937; Nov. 9.
- Kinyon, Brice W., Bloomfield, N. J., assignor to Radio Corporation of America. Filament-making machine and method. 2,329,769; Sept. 21.
- Kinloch, Robert B., Houston, Tex. Pipe cutter and reamer. 2,322,694; June 22.
- Kinzbach, Robert B., Houston, Tex. Pipe milling device. 2,322,695; June 22.
- Kinzie, Charles J., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Zirconium oxide opacifier and making same. 2,310,242; Feb. 9.
- Kinzie, Phillip A., Denver, Colo. Seal means for tube valves. 2,315,797; Apr. 6.
- Kinzie, Phillip A., Denver, Colo. Hydraulic motor gear. 2,317,275; Apr. 20.
- Kipp, Calvin L., Douglaston, assignor to Speed Products Company, Long Island City, N. Y. Perforating device. 2,328,558; Sept. 7.
- Kipphan, Erich, and Berta Siebert, Nurnberg, Germany; vested in the Alien Property Custodian. Dry rectifier. 2,330,594; Sept. 28.
- Kirby, Charles F., Berkeley, Calif. Shield for wall moldings. 2,332,579; Oct. 26.
- Kirby, George W., Yonkers, W. R. Johnston, Bronx, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Coffee processing. 2,321,148; June 8.
- Kirby, George W., Yonkers, M. H. Rasmussen, Brooklyn, and S. A. McHugh, Bronx, assignors to Standard Brands Incorporated, New York, N. Y. Souring material. 2,322,940; June 29.
- Kirby, James B., West Richfield, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Combined clothes washer and extractor. 2,331,099; Oct. 12.
- Kirby, James B., West Richfield, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Combined clothes washer and extractor. 2,331,700; Oct. 12.
- Kirby, James E. (See Bousquet, E. W., Kirby, and Searle.)
- Kirby, James E. (See Hunt, M., and Kirby.)
- Kirby, James E., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamide coated film element. 2,312,913; Mar. 2.
- Kirby, James E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye intermediate. 2,330,291; Sept. 28.
- Kirby, James E., and J. H. Wernitz, Brandywine Hundred, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,323,714; July 6.
- Kirby, James E., and D. M. McQueen, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Process of color photography and composition thereof. 2,328,652; Sept. 7.

- Kirby, John F., Jr. (See Moss, F., and Kirby.)
- Kirby, Julian N., and E. W. Grumke, assignors to St. Paul Machinery Manufacturing Company, St. Paul, Minn. Drum cleaning device for carving machine structures. 2,320,138; May 25.
- Kirby, Thomas A. (See Smith, F. M., and Kirby.)
- Kirch, Charles E., Alden, N. Y. Device for mounting wall cabinets. 2,314,713; Mar. 23.
- Kircher, Charles E., Jr. (See Levine, A. A., Sweeney, Kircher, and McCracken.)
- Kircher, Paul J., Plainville, assignor to Landers, Frary & Clark, New Britain, Conn. Bathroom weighing scale. 2,326,365; Aug. 10.
- Kircher, Paul J., Plainville, assignor to Landers, Frary & Clark, New Britain, Conn. Vacuum cleaner. 2,322,234; Oct. 19.
- Kirchhof, Julius, Baltimore, Md.; vested in the Alien Property Custodian. Locomotive valve actuating mechanism. 2,320,613; June 1.
- Kirchner, Carl, assignor to Leggett and Platt Spring Bed and Manufacturing Company, Carthage, Mo. Method and apparatus for making spiral springs. 2,333,797; Nov. 9.
- Kirchner, Henry P., assignor to Carborundum Company, Niagara Falls, N. Y. Flexible abrasive article. 2,320,139; May 25.
- Kirk & Blum Manufacturing Company. (See Hulton, Charles S., assignor.)
- Kirk, James E. (See Turnock, J. E., and Kirk.)
- Kirk, Philip M. (See Paden, J. H., and Kirk.)
- Kirk, Philip M., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of beta-alanine. 2,334,163; Nov. 16.
- Kirk, Royden C., Medford, assignor to Sandolator Corporation, Boston, Mass. Sanding device. 2,321,395; June 8.
- Kirkbride, Frederick W., Runcorn, England, assignor to Imperial Chemical Industries Limited. Oxidation of perchloroethylene. 2,321,823; June 15.
- Kirkpatrick, Arch M., Shelby, Ohio. Plating and cleaning tank unloading device. 2,307,462; Jan. 5.
- Kirkpatrick, Edward C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Drying process. 2,327,333; Aug. 17.
- Kirkpatrick, Robert L., Verona, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Gas lift oil recovery system. 2,309,512; Jan. 26.
- Kirkpatrick, Wendell V., San Diego, Calif. Mechanical shorthand writing means. 2,325,612; Aug. 3.
- Kirkpatrick, William J., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Hydrogenation catalyst. 2,331,915; Oct. 19.
- Kirksey, Amos H., Vernon, Calif. Truck and trailer apparatus. 2,330,897; Oct. 5.
- Kirkwood, Ian W. A., and P. D. Ritchie, Newcastle-on-Tyne, assignors to A. Reyrolle & Company Limited, Hobburn-on-Tyne, England. Electrically insulating bodies. 2,322,214; June 22.
- Kirkwood, I. W. A., and P. D. Ritchie, Newcastle-on-Tyne, assignors to A. Reyrolle & Company Limited, Hobburn-on-Tyne, England. Electric condenser bushing. 2,322,215; June 22.
- Kirlin, Otis M., Detroit, Mich. Toggle C clamp. 2,325,613; Aug. 3.
- Kirsch, Alfred, Thurm, A., Krzikalla, and Kirsch.)
- Kirschenbauer, Hans G. (See Brandt, R. L., and Kirschenbauer.)
- Kirschbaum, Harry M., Detroit, Mich. Electromagnetic sound recorder. 2,317,199; Apr. 20.
- Kirschbaum, Harry M., Detroit, Mich. Sound recording means for motion picture cameras. 2,322,144; June 15.
- Kirschenbaum, Samuel, Brooklyn, N. Y. Seed planting package. 2,309,702; Feb. 2.
- Kirschner, Louis, Chicago, Ill. Closure for washbowls, sinks, plumbing fixtures, and the like. 2,337,331; Dec. 21.
- Kirschbaum, Irving, and H. McCabe, New York, N. Y. Self-venting vacuum trap. 2,317,467; Apr. 27.
- Kirst, William E., and C. H. Winning, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive composition. 2,314,832; Mar. 23.
- Kirstahler, Alfred. (See Hentrich, W., Kirstahler, and Kneiser.)
- Kirstahler, Alfred. (See Hentrich, W., Kirstahler, and Schlegel.)
- Kirsten, Kurt F. J., Seattle, Wash. Tobacco pipe. 2,324,216; July 13.
- Kirsten, Kurt F. J., Seattle, Wash., assignor to M. G. Troutman, Columbus, Ohio. Electric switch. 2,314,407; Mar. 23.
- Kishlar, Lamar. (See James, F., Cobb, and Kishlar.)
- Kishline, Floyd F. (See Sladky, J. F., and Kishline.)
- Kishline, Floyd F., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Piston. 2,308,178; Jan. 12.
- Kishline, Floyd F., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Steering linkage. 2,313,946; Mar. 16.
- Kishline, Floyd F., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Rocker arm support. 2,330,719; Sept. 28.
- Kispert, Joseph J., assignor to Kellogg Corset Company, Jackson, Mich. Abdominal supporter. 2,309,459; Jan. 26.
- Kispert, Joseph J., New Haven, Conn. Corset. 2,334,712; Nov. 23.
- Kispert, Joseph J., Mount Carmel, Conn. Garment closure. 2,334,713; Nov. 23.
- Kiss, Stephen A., New York, N. Y., assignor to Standard Oil Development Company. Geochemical prospecting method. 2,334,269; Nov. 16.
- Kissling, Frank R., Cleveland Heights, Ohio. Wing nut and making the same. 2,335,769; Nov. 30.
- Kistler, Hearl M., Youngstown, Ohio. Ventilator. 2,309,774; Feb. 2.
- Kistler, Samuel S., West Boylston, assignor to Norton Company, Worcester, Mass. Abrasive articles. 2,308,981; Jan. 19.
- Kistler, Samuel S., West Boylston, assignor to Norton Company, Worcester, Mass. Abrasive article comprising a bond having a filler therein. 2,308,982; Jan. 19.
- Kistler, Samuel S., West Boylston, assignor to Norton Company, Worcester, Mass. Bonded abrasive articles containing fillers. 2,308,983; Jan. 19.
- Kistner, Samuel S., West Boylston, assignor to Norton Company, Worcester, Mass. Grinding wheel. 2,327,846; Aug. 24.
- Kistler, Samuel S., West Boylston, assignor to Norton Company, Worcester, Mass. Resin and abrasive body. 2,332,235; Oct. 19.
- Kistner, Merrill M., Lakeside, Mich. Electrical cord connector. 2,308,515; Jan. 19.
- Kistner, Merrill M., Chicago, Ill. Steam hand iron. 2,313,382; Mar. 9.
- Kitani, Ryukichi, N. Takashima, and H. Kaneko, Kawasaki, Japan, assignors to General Electric Company. Polymerizing 2-halogeno-butadiene-1,3. 2,316,598; Apr. 13.
- Kitchen, Harry E., Buffalo, and G. H. Hedman, Kenmore, assignors to Fabel-Birmingham Company, Inc., Buffalo, N. Y. Double helical gear cutter. 2,324,003; July 13.
- Kitchen, Otis, Chicago, Ill. Automatic railroad crossing signal. 2,319,137; May 11.
- Kitchen, Robert G. (See Brulow, Henry W., assignor.)
- Kitchen, William J., New York, N. Y. Package handle. 2,317,535; Apr. 27.
- Kitchen, Robert G. (See Kelly, E. M., Kivari, Kite, Roberts, and Sutherland.)
- Kitroser, Isaac, Viroflay, France, vested in the Alien Property Custodian. Photographic apparatus. 2,331,916; Oct. 19.
- Kitselman Brothers. (See Holmes, A. W., Benjamin, and Young, assignors.)
- Kittelson, John L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Well pumping apparatus. 2,314,583; Mar. 23.
- Kitsman, William L., Bartlesville, Okla., assignor to Phillips Petroleum Company. Surge suppression. 2,316,339; Apr. 13.
- Kittel, John J., St. Albans, assignor to Royal Typewriter Company, New York, N. Y. Typewriting machine. 2,322,524; June 22.
- Kitterman, Carl C., Albia, Iowa. Trailer coupler. 2,326,466; Aug. 10.
- Kitterman, Carl C., Albia, Iowa. Trailer coupler. 2,330,125; Sept. 21.
- Kittelsen, Hjalmar. (See Kaplan, C., and Kittilsen.)
- Kittle, Russell L. (See Ruys, J. D., Kittle, Heath, and Kittle.)
- Kittler, Milton J., Detroit, Mich., assignor to G. M. and E. Holley. Torque responsive device. 2,324,585; July 20.
- Kitto, William H. (See Coons, C. C., and Kitto.)
- Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,325,778; Aug. 3.
- Kittredge, Arthur E. (See Rohlin, Victor A., and Kittredge.)
- Kitzmiller, Frank Y., Reading, Pa. Fabric drying and shaping apparatus and method. 2,316,001; Apr. 6.
- Kivari, Arthur M. (See Kelly, E. M., Kivari, Kite, Roberts, and Sutherland.)
- Kivari, Ray, Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Centrifuge. 2,308,697; Jan. 19.
- Kizaur, Arthur J., Cicero, assignor to General Electric X-Ray Corporation, Chicago, Ill. Impulse timer. 2,325,860; Aug. 3.
- Kizaur, Arthur J., Cicero, assignor to General Electric X-Ray Corporation, Chicago, Ill. Radiographic apparatus. 2,327,603; Aug. 24.
- Kizziar, Alvin M., Alhambra, Calif. Oil well pump. 2,329,913; Sept. 21.
- Kjellgren, Bengt. ((See Sawyer, C. B., and Kjellgren.)
- Kjellstrand, Arthur G., Cincinnati, Ohio, assignor to Interchemical Corporation, New York, N. Y. Carbon paper. 2,322,367; June 22.
- Klaassens, Klaas J. (See Alink, R. J. H., De Boer, Klaassens, and Venemans.)
- Klaver, John J., New York, N. Y. Lintel. 2,325,614; Aug. 3.
- Klahn, Sidney B., Portland, Oreg. Bank check cover. 2,332,728; Oct. 26.
- Klaholz, Hans F. (See von Schneeweiss, P. R., and Klaholz.)
- Klammt, Arthur, New York, N. Y., and G. W. Kretschmar, Garfield, N. J., assignors to W. M. Ritter Lumber Company. Assembling machinery. 2,318,695; May 11.

- Klamp, Paul. (See Drummond, J. R., Fleischmann, and Klamp.)
- Klamp, Paul, assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing mounting. 2,314,622; Mar. 23.
- Klar, Elot P. (See Larsen, L., and Klar.)
- Klaruch, Jacob, Los Angeles, Calif. Syringe nozzle. 2,333,383; Nov. 2.
- Klarer, Josef. (See Metzsch, F., Klarer, and Behnisch.)
- Klasing, Augustus F., Joliet, Ill. Brake operating mechanism. 2,311,598; Feb. 16.
- Klassik, Augustus F., Joliet, Ill. Yieldable bracket means for the lower units of railway car brakes. 2,321,685; June 15.
- Klassen, Edward J., Los Angeles, Calif. Gluing press. 2,337,250; Dec. 21.
- Klatt, Reinhold K., Towson, and S. S. Sherrill, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Support. 2,337,665; Dec. 28.
- Klatt, Rudolph A. and O. W. Schlingee, Tonawanda, assignors to Auto Wheel Coaster Company, Inc., North Tonawanda, N. Y. Supporting stand for scooters. 2,319,066; May 11.
- Klaue, Herman, Berlin-Frohnau, Germany; vested in the Alien Property Custodian. Disk brake for use in motor cars, airplanes, and the like. 2,323,052; June 29.
- Klauser, Walter E., Dubuque, Iowa. Snow removing mechanism. 2,327,193; Aug. 17.
- Klaus, Fred R., Sr., Cleveland Heights, Ohio, assignor to The Eastern Malleable Iron Company, Neugutuck, Conn. Retractable support for trailers. 2,335,946; Dec. 7.
- Klatter, Branch F., Fairfax, Minn. Trailer hitch. 2,309,850; Feb. 2.
- Klebsattel, Charles A., West Orange, assignor to the Martin Dennis Company, Newark, N. J. Milling rubber. 2,311,112; Feb. 16.
- Kleeman, Francis S., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mold and mold composition. 2,322,638; June 22.
- Kleen, Werner, Berlin, Germany; vested in the Alien Property Custodian. Amplifier circuit for ultra short waves. 2,332,919; Oct. 26.
- Klein, Abraham. (See Estorow, L., and Klein.)
- Klein, Benjamin. (See Haines, Isidore, and Klein.)
- Klein, Benjamin W., Pittsburgh, Pa. Arch supporter. 2,330,978; Oct. 5.
- Klein, Charles, Brooklyn, N. Y. Boller mechanism. 2,327,354; Aug. 24.
- Klein, Charles, Richmond Hill, assignor of one-half to Kindred, MacLean & Company, Inc., Long Island City, N. Y., and one-half to Arvey Corporation, Jersey City, N. J. Reversible display. 2,320,522; June 1.
- Klein, Charles H., Cleveland, Ohio, assignor to The National Telephone Supply Company. Wire connecting sleeve. 2,327,650; Aug. 24.
- Klein, Charles H., Cleveland, Ohio, assignor to The National Telephone Supply Company. Tap-off connecting device. 2,327,651; Aug. 24.
- Klein, Clarence J. (See Kieger, E. W., Klein, and Church.)
- Klein, Clarence J., Hollidays Cove, W. Va. Guide for strip cutters. 2,322,784; June 29.
- Klein, David X. (See Wuertz, A. J., and Klein.)
- Klein, David X., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Arylaminoanthraquinone compound. 2,333,384; Nov. 2.
- Klein, David X., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Arylaminoanthraquinone compounds. 2,335,680; Nov. 30.
- Klein, Friedrich. (See Meyer, L., and Klein.)
- Klein, Hans, Mannheim, R. Seidler, Heidelberg, and F. Stoenewer, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Carrying out reactions with carbonaceous materials. 2,324,518; July 20.
- Klein, Harry, New York, N. Y. Hair curling device. 2,333,938; Nov. 9.
- Klein, John O., assignor to Texas Foundries, Inc., Lufkin, Tex. Land anchor. 2,315,339; Mar. 30.
- Klein, Maximilian, Sellersville, and E. H. Grauel, Perkase, assignors to United States Gauge Company, Sellersville, Pa. Hardness tester. 2,324,586; July 20.
- Klein, Otto G. (See Gossau, Eugene A., assignor.)
- Klein, Peter, Brooklyn, N. Y. Connector. 2,314,884; Mar. 30.
- Klein, Poul H., Copenhagen, Denmark; vested in the Alien Property Custodian. Windshield cleaner mechanism for vehicles or vessels. 2,313,201; Mar. 9.
- Klein, Victor G. (See Rotter, L. C., Reiser, Klein, and Schneller.)
- Klein, Victor G., assignor to Lincoln Engineering Company, St. Louis, Mo. Venting apparatus. 2,328,812; Sept. 7.
- Klein, William C., Allentown, Pa. Trolley deroller. 2,330,780; Sept. 28.
- Kleine, Harry A., Teaneck, N. J. Automobile bed. 2,320,614; June 1.
- Kleiner, Helmut. (See v. Beck, B., Ufer, and Kleiner.)
- Kleiner, Julius H. (See King, W. A., Kleiner, and Krotzer.)
- Kleinert, I. B., Rubber Company. (See Guinzburg, George K., assignor.)
- Kleinfeld, Leonard S. (See Prosser, T. W., Wahlbeck, Oswald, and Kleinfeld.)
- Kleinfeld, Leonard S. (See Richter, H., Wahlbeck, and Kleinfeld.)
- Kleinholz, Milton P. (See Finley, W. L., Kleinholz, and Watkins.)
- Kleinschmidt, Edward E., Highland Park, Ill. Selective switching. 2,334,205; Nov. 16.
- Kleinschmit, Oskar, and O. Mueller, Leipzig-Plagwitz, Germany; vested in the Alien Property Custodian. Sheet feeding mechanism. 2,300,600; Jan. 26.
- Kleinschmidt, Robert V., Stoneham, and E. Wasken, Cambridge, Mass., assignors, by mesne assignments, to Bethlehem Steel Company. Refractory composition. 2,336,360; Dec. 7.
- Kleinsmith, Albert W. (See Oberg, E. B., and Kleinsmith.)
- Kleist, Herman W., assignor to Dole Refrigerating Company, Chicago, Ill. Soda fountain. 2,327,355; Aug. 24.
- Klemperer, Wolfgang B., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Gunner correction device. 2,322,455; June 22.
- Klemperer, Wolfgang B., Los Angeles, and A. Corte, Pacific Palisades, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Aircraft gunner device. 2,335,296; Nov. 30.
- Klenke, Edward F., Jr., East Orange, N. J. Rub-out machine. 2,316,518; Apr. 13.
- Kline, Bernard L., Manhasset, assignor to The Western Union Telegraph Company, New York, N. Y. Non-smudging copying ink. 2,338,042; Dec. 28.
- Kline, Halsey W., Schenectady, N. Y., assignor to General Electric Company. Radio transmission system. 2,331,011; Nov. 9.
- Kline, Hayden B., and L. S. Fryer, Cleveland, Ohio, and F. J. Samerdyke, Forest Hills, N. Y., assignors to Industrial Rayon Corporation, Cleveland, Ohio. Method of and apparatus for controlling the shrinkage of thread or the like. 2,336,019; Dec. 7.
- Kline, James T., Fairfield, assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,310,029; Feb. 2.
- Kline, John E., Grosse Pointe Farms, assignor to Micromatic Hone Corporation, Detroit, Mich. Honing tool. 2,313,442; Mar. 9.
- Kline, John E., Grosse Pointe Farms, assignor to Micromatic Hone Corporation, Detroit, Mich. Method and means for controlling honing operation by expansion. 2,315,002; Mar. 30.
- Kline, John E., Grosse Pointe Farms, assignor to Micromatic Hone Corporation, Detroit, Mich. Honing machine. 2,323,780; July 6.
- Kline, John E., Grosse Pointe, assignor to Micromatic Hone Corporation, Detroit, Mich. Metalworking machine. 2,333,266; Nov. 2.
- Kline, Joseph Caleb, Brooklyn, N. Y. Safety device. 2,335,770; Nov. 30.
- Kline, Joseph M., assignor to Gates Manufacturing Company, Indianapolis, Ind. Universal seat back cover. 2,313,878; Mar. 16.
- Klingberg, Sven, Traneberg near Stockholm, assignor to Svenska Entreprenad Aktiefolaget, Stockholm, Sweden. Construction of underground tanks for storing liquid fuels and other fluids. 2,333,315; Nov. 2.
- Klingel, Edward L., St. Paul, Minn. Wire support. 2,307,277; Jan. 5.
- Klingel, Florence. (See Clark, Dudley B., assignor.)
- Klingel, Walter C., Union, N. J. Insecticide spray composition and making the same. 2,335,862; Dec. 7.
- Klinkenstein, Gustave, Maplewood, F. Dannert, East Orange, and C. Frey, Nutley, assignors to Maas & Waldstein Company, Newark, N. J. Color concentrate. 2,313,076; Mar. 9.
- Klinkenstein, Gustave, Maplewood, C. Frey, Nutley, and E. F. Tuttle, Jr., Woodridge, assignors to Maas & Waldstein Company, Newark, N. J. Pigmented lacquer emulsion. 2,336,484; Dec. 14.
- Klinker, John J., assignor to A. W. Cash Company, Decatur, Ill. Furnace regulation. 2,326,230; Aug. 10.
- Klinker, John J., assignor to A. W. Cash Company, Decatur, Ill. Combustion control. 2,322,580; Oct. 26.
- Klinkum, Anna J. M., New York, N. Y. Screen and grating for stereoscopic pictures. 2,313,947; Mar. 16.
- Klipsch, Paul W., assignor of twenty per cent to R. L. Smith, Houston, Tex. Horn for loud-speaker. 2,310,243; Feb. 16.
- Klockau, William F., Moline, Ill. Oil burner. 2,312,559; Mar. 2.
- Klocke, William H., Woodhaven, N. Y., assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Clutch. 2,311,113; Feb. 16.
- Kloepfer, Harry, Cologne, Germany, assignor, by mesne assignments, to Chemical Marketing Company Inc., New York, N. Y. Preparation of active carbon black. 2,307,050; Jan. 5.
- Kloerer, Theodore, Philadelphia, Pa. Aircraft. 2,322,715; June 22.
- Klopfenstein, Jesse D., Chicago, Ill., assignor to Colorgraphic Incorporated. Steel rule slot cutting means. 2,316,650; Apr. 13.
- Klopfenstein, Jesse D., Chicago, Ill., assignor to Colorgraphic Incorporated. Ejector for slot-cutting dies. 2,327,530; Aug. 24.

- Klossner, Robert, Alliance, Ohio. Automatic coal stoker. 2,333,316; Nov. 2.
- Klosterman, Charles H., Elkton, S. Dak. Portable grain conveyor. 2,332,729; Oct. 26.
- Klotsch, Paul, assignor to The Crosley Corporation, Cincinnati, Ohio. Brake control mechanism. 2,309,734; Feb. 2.
- Klotsch, Paul, assignor to The Crosley Corporation, Cincinnati, Ohio. Ignition system. 2,330,431; Sept. 28.
- Klotz Machine Company. (See Nicholas, Herbert T., assignor.)
- Klotz, Robert L., Jr., Hazleton, Pa., assignor to Hercules Powder Company, Wilmington, Del. Seismic surveying. 2,334,414; Nov. 16.
- Kluge, Eneval, assignor to Brandtjen & Kluge, Inc., St. Paul, Minn. Sheet delivery mechanism. 2,318,165; May 4.
- Kluger, Herman, White Plains, N. Y., assignor to Fulford Manufacturing Company. Marking device for bags. 2,318,234; May 4.
- Klum, Blaine, Oakland, Calif. Extensible ladder rig. 2,310,441; Feb. 9.
- Klump, Edward C., New York, N. Y. Manifolding ensemble. 2,330,126; Sept. 21.
- Klyce, Stephen D. (See Olson, F. F., and Klyce.)
- Klyver, Albert N. (See Regan, J. E., and Klyver.)
- Knabe, Oscar A. (See Deibel, C. P., Knabe, and Anshutz.)
- Knandel, George J. (See Kethley, J. F., and Knandel.)
- Knapp, James W. (See Moore, E. W., and Knapp.)
- Knapp-Monarch Company. (See Clemons, C. Wood, assignor.)
- Knapp-Monarch Company. (See Dafforn, Kenneth B., assignor.)
- Knapp-Monarch Company. (See Gillanders, Maxwell D., assignor.)
- Knapp-Monarch Company. (See Howard, Lawrence M., assignor.)
- Knapp-Monarch Company. (See Moeller, George L., assignor.)
- Knapp-Monarch Company. (See Schafnitz, Nicholas, assignor.)
- Knapp-Monarch Company. (See Ward, Lawrence T., assignor.)
- Knapp, William A., assignor to General Chemical Company, New York, N. Y. Insecticide and method of using. 2,315,965; Apr. 6.
- Knapp, William C., East Orange, N. J., assignor to Mattison Machine Works, Rockford, Ill. Grinding method and apparatus. 2,314,312; Mar. 16.
- Knauer, Herhold, East Norwalk, assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Web feeding device. 2,332,152; Oct. 19.
- Knauff, Karl. (See Janker, O., Bruener, and Knauff.)
- Knaust, Henry E., assignor to Vita Sales Corporation, St. Louis, Mo. Container. 2,317,067; Apr. 20.
- Knauth, Walter T., Houston, Tex., assignor to The Mil-white Company Inc. Viscosimeter. 2,314,991; Mar. 30.
- Knauth, Walter T., Houston, Tex., assignor to The Mil-white Company Inc. Temperature compensator. 2,324,217; July 13.
- Knebusch, Walter F. (See Torrence, G. P., Bergmann, and Knebusch.)
- Kneibler, Arthur R., assignor to Cooper's, Incorporated, Kenosha, Wis. Undergarment. 2,309,601; Jan. 26.
- Kneibler, Arthur R., assignor to Cooper's, Incorporated, Kenosha, Wis. Undergarment. 2,310,138; May 11.
- Kneisley, Frank L. (See Green, R. W., Kasten, and Kneisley.)
- Kneisley, Naomi M., executrix. (See Green, R. W., Kasten, and Kneisley.)
- Kneissler, Walter, Roselle, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Uncurling guide for sewing machines. 2,338,043; Dec. 28.
- Kneil, Christopher V. (See Crafts, C. S., and Kneil.)
- Knepper, Paul B. (See Garvert, C. F., and Knepper.)
- Kner, Albert B., assignor to Container Corporation of America, Chicago, Ill. Carton. 2,327,049; Aug. 17.
- Kner, Albert B., assignor to Container Corporation of America, Chicago, Ill. Container. 2,333,798; Nov. 9.
- Knickerbocker Development Corporation. (See Mohnen, C. Bels, and Heyer, assignors.)
- Knickman, Charles H., Sr. (See Senkbell, R. A., and Knickman.)
- Kniel, Ludwig, Jackson Heights, N. Y., and A. H. Schutte, Westfield, N. J., assignors to The Lummus Company, New York, N. Y. Stabilization. 2,320,616; June 1.
- Kniepen, Peter, Berlin, Germany; vested in the Alien Property Custodian. Condenser leadin for high electric potentials. 2,328,150; Aug. 31.
- Knight, Arthur H. (See Howard, G. F., and Knight.)
- Knight, Clark, Houston, Tex. Card holder. 2,321,824; June 15.
- Knight, Frederick S. (See Freeman, B. W., and Knight.)
- Knight, Herbert M., Montclair, N. J. Aircraft. 2,332,648; Oct. 26.
- Knight, James L., Erie, Pa., assignor to General Electric Company. Refrigerator cabinet. 2,311,446; Feb. 16.
- Knight, Jole C., Long Beach, Calif. Battery charger. 2,310,700; Feb. 9.
- Knight, Joseph H., Belleville, Mich. Castor. 2,332,089; Oct. 19.
- Knight, Julian G., Brooklyn, N. Y. Outlet box installation. 2,314,408; Mar. 23.
- Knight Leather Products Co. (See Arnold, Berel A., assignor.)
- Knight, Milton A. (See Grant, V. H., and Knight.)
- Knight, Milton, Perrysburg, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Pressure apparatus. 2,317,276; Apr. 20.
- Knight, Milton, Perrysburg, and J. J. Hopfield, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Film holder and making the same. 2,330,292; Sept. 28.
- Knight, Morrell A., assignor of one-half to D. W. Shader, Brunswick, Ga. Portable drill. 2,318,166; May 4.
- Knight, Nelson M., Boston, assignor to W. L. Mathewson, Weymouth, Mass. Pulp screen. 2,337,113; Dec. 21.
- Knight, Ralph E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Brushing machine. 2,334,714; Nov. 23.
- Knight, Richard S., New York, assignor to Lockstrip Manufacturing Corporation, Long Island City, N. Y. Pattern and guide strip. 2,307,593; Jan. 5.
- Knight, Robert W., Arlington, Va. Flight level indicator. 2,328,559; Sept. 7.
- Knightson, Harry. (See Lomax, S. C., and Knightson.)
- Knill, Frank, and J. A. Schulte, Vermillion, assignors, by mesne assignments, to C. W. Patterson, Cleveland, Ohio. Swivel sinker. 2,313,647; Mar. 9.
- Knipe Bros., Inc. (See Knipe, William L., assignor.)
- Knipe, William L., Haverhill, assignor to Knipe Bros., Inc., Ward Hill, Mass. Inner sole for welt shoes. 2,317,918; Apr. 27.
- Knisely, James D., Seattle, Wash. Storage battery charge indicator. 2,325,251; July 27.
- Knobel, Max, Arlington, and R. H. Packard, Newton, Mass., assignors, by mesne assignments, to General Motors Corporation, Dayton, Ohio. Anemometer. 2,313,255; Apr. 13.
- Knobel, Max, Cambridge, Mass., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Method and machine for winding coils. 2,328,725; Sept. 7.
- Knoblock, Frederick D., Birmingham, assignor, by mesne assignments, to Patent Developers, Inc., Detroit, Mich. Differential mechanism. 2,329,058; Sept. 7.
- Knoblock, Frederick D., Birmingham, assignor, by mesne assignments, to Patent Developers, Inc., Detroit, Mich. Differential mechanism. 2,329,059; Sept. 7.
- Knoblock, Frederick D., Birmingham, assignor, by mesne assignments, to Patent Developers, Inc., Detroit, Mich. Differential mechanism. 2,329,060; Sept. 7.
- Knoebel, Haines L., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Limited range wireless transmitter. 2,316,976; Apr. 6.
- Knochel, William J. (See Dailey, H. J., and Knochel.)
- Knochel, William J. (See Marshall, D. E., and Knochel.)
- Knochel, William J., Irvington, and D. E. Marshall, Allwood, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ignitron header construction. 2,319,407; May 18.
- Knochel, William J., Irvington, and S. J. Cherry, East Orange, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical contact member. 2,332,090; Oct. 19.
- Knohl, Herbert, South Bend, Ind., assignor to The Kendall Company, Chicago, Ill. Elastic garment and producing same. 2,334,206; Nov. 16.
- KnoI, Kornelis S. (See van der Ziel, A., and KnoI.)
- KnoI, Kornelis S. (See van der Ziel, A., Strutt, and KnoI.)
- Knoop, Herbert. (See Jaenicke, J., Knoop, Miedel, and Schweitzer.)
- Knoop, Hendrickus, Utrecht, Netherlands; vested in the Alien Property Custodian. Machine for making helical wound barrel-shaped springs. 2,335,423; Nov. 30.
- Knoop, Herbert, Frankfurt-on-the-Main, and H. Miedel, Bad Homburg von der Hohe, Germany, assignors to American Lurgi Corporation, New York, N. Y. Adhesively uniting hard and soft rubber or rubberlike masses with surfaces of other materials. 2,320,937; June 1.
- Knoop, William A., Hempstead, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic coil structure. 2,314,409; Mar. 23.
- Knoop, William A., Hempstead, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for and method of generating television signals. 2,315,288; Mar. 30.
- Knopf, Paul, New York, N. Y. Register mechanism. 2,310,296; Feb. 9.
- Knoop, John E., Tulsa, Okla. Match book. 2,320,781; June 1.
- Knorrr, Earl S., Detroit, Mich., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Rubber and asphalt cement and article comprising same. 2,323,336; July 6.
- Knott, Clyde L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Driving and stopping mechanism. 2,332,649; Oct. 26.
- Knott, Edward B. (See Davey, E. P., and Knott.)
- Knos, Edward E., Weststone, England, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,315,966; Apr. 6.

- Knott, Edward P., Wealdstone, Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Diffusion of sensitizing dyes in photographic emulsions. 2,336,260; Dec. 7.
- Knott, Edward P., Wealdstone, Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Antifogging and stabilizing agent for photographic emulsions. 2,336,261; Dec. 7.
- Knott, Emmett K., Seattle, Wash. Irradiating blood. 2,308,516; Jan. 10.
- Knott, Emmet K., Seattle, Wash. Ultraviolet exposure chamber. 2,309,124; Jan. 20.
- Knott, Emmet K., Seattle, Wash. Pumping apparatus. 2,314,281; Mar. 10.
- Knowland, Richard G., Pelham, and J. M. Donnelly, Amsterdam, N. Y., assignors to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Fabric. 2,314,844; Mar. 23.
- Knowles, Carroll, West Hartford, and A. L. Wilber, Westford, assignors to Niles-Bement-Pond Company, West Hartford, Conn. Wheel dresser for gear grinding machines. 2,335,341; Nov. 30.
- Knowles, Dewey D. (See Rauter, E. A., and Knowles.)
- Knowles, Dewey D., Verona, N. J., assignor to Westinghouse Electric & Manufacturing Company. Stroboscopic testing apparatus. Re. 23,408; Dec. 21.
- Knowles, Dewey D., Forest Hills, Pa., and C. E. Haller, Bloomfield, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,310,092; Feb. 2.
- Knowles, Edwin C., and F. C. McJoy, Beacon, assignors to The Texas Company, New York, N. Y. Plywood blunder. 2,334,270; Nov. 16.
- Knowles, Edwin C., and F. C. McJoy, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Sulfurization of hydrocarbons. 2,333,463; Dec. 21.
- Knowlton Bros. (See Davenport, F. E., Knowlton, and McCormick, assignors.)
- Knowlton, David C. (See Davenport, F. E., Knowlton, and McCormick.)
- Knowlton, Eben (See Norden, Axel G., assignor.)
- Knowlton, Eben, Cold Spring Harbor, N. Y. Building construction. 2,315,967; Apr. 6.
- Knowlton, Edward R., Rockport, G. F. Doucette, Gloucester, and J. W. Eager, Fitchburg, Mass. Sea moss harvesting apparatus. 2,320,263; May 25.
- Knowlton, Laurence R., Redondo Beach, assignor to Vernon Tool Co. Ltd., Alhambra, Calif. Liner setting and washing device for wells. 2,318,167; May 4.
- Knox, Arthur L., Fort Wayne, Ind., assignor to Farmworth Television and Radio Corporation. Tripping mechanism for record changing apparatus. 2,330,293; Sept. 28.
- Knox, Arthur L., and F. Kahl, Fort Wayne, Ind., assignors to Farmworth Television and Radio Corporation. Automatic record changing apparatus. 2,332,650; Oct. 26.
- Knox, Charles E., Jr., assignor of one-half to R. M. Knox, Edin, Okla. Pipe. 2,307,685; Jan. 5.
- Knox, David R., assignor to Bundy Tubing Company, Detroit, Mich. Closing ends of metal tubes. 2,329,770; Sept. 21.
- Knox, Harry A., Washington, D. C. Track shoe. 2,314,355 Mar. 23.
- Knox, Harry A., Washington, D. C. Suspension. 2,322,785; June 29.
- Knox, Harry A., Washington, D. C. Wheel suspension. 2,323,919; July 1.
- Knox, Harry A., Washington, D. C. Clutch. 2,329,205; Sept. 14.
- Knox, Harry A., Washington, D. C. Suspension. 2,333,107; Nov. 2.
- Knox, Harry A., Washington, D. C. Hydraulic check. 2,336,485; Dec. 14.
- Knox, Joseph E., & Co. (See Bolston, Harry M., assignor.)
- Knox, Ralph, Jr., Denver, Colo. Apparatus for musical instruction. 2,327,907; Aug. 24.
- Knox, Richard M. (See Knox, Charles E., Jr., assignor.)
- Knox, Samuel L. G., Englewood, N. J., assignor to Lamson Corporation of Syracuse, N. Y. Vertical conveyor system. 2,310,462; Feb. 9.
- Knox, William L., Hammond, Ind., and R. A. Kelly, Chicago, Ill., assignors to International Smelting & Refining Company, New York, N. Y. Electrolytic chromate production. 2,333,578; Nov. 2.
- Knudsen, Alex W., Rocky River, assignor to The Midland Steel Products Company, Cleveland, Ohio. Punch. 2,315,340; Mar. 30.
- Knudsen, Edvard, and H. H. Talbot, said Talbot assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Draw bench. 2,320,739; June 1.
- Knudsen, Elmer M. (See Hyland, D. F., Brenner, Hugo L. and John, and Knudsen.)
- Knudsen, Frederick K., Govans P. O., assignor to The Porcelain Enamel & Manufacturing Company, Baltimore, Md. Method of and apparatus for dewatering comminuted materials. 2,323,920; July 13.
- Knudsen, Percy E., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Cellular slab. 2,310,442; Feb. 9.
- Knudsen, Percy E., Pittsburgh, and J. A. Desmone, Springdale, Pa., assignors to Pittsburgh Corning Corporation. Wall construction. 2,310,443; Feb. 9.
- Knudson, Knud J., assignor to The Hickok Electrical Instrument Company, Cleveland, Ohio. Alternating current relay. 2,337,251; Dec. 21.
- Knuth, Harvey G., Elgin, assignor to Modern Steel Equipment Company, Geneva, Ill. Closure fastener. 2,317,277; Apr. 20.
- Kobe, Inc. (See Coberly, Clarence J., assignor.)
- Köber, Fritz, H. Sauer, and O. Vierling, Dresden, Germany; vested in the Alien Property Custodian. Optical system for taking stereoscopic photographs. 2,326,951; Aug. 17.
- Kobin, Paul A., Orange, and T. M. Cortese, East Orange, N. J. Gaseous discharge lamp. 2,318,082; May 4.
- Koca, James F., assignor to Woodstock Typewriter Company, Woodstock, Ill. Typewriter casing. 2,308,179; Jan. 12.
- Koch, Albert, Cologne-Dunwald, and E. Gartner, Leverkusen, Germany, assignors to Jasco Incorporated. Plasticization of synthetic rubberlike materials. 2,317,385; Apr. 27.
- Koch, Albert, Stuttgart, Germany; vested in the Alien Property Custodian. Direction indicator for motor cars. 2,320,615; June 1.
- Koch, Arthur, Ozone Park, assignor to The Little Jones Company, Inc., New York, N. Y. Mounting for fragile articles. 2,311,838; Feb. 23.
- Koch, Arthur L., and J. B. Covi, Elizabeth, N. J. Vehicle construction. 2,309,735; Feb. 2.
- Koch, Ernst, Frankfurt-on-the-Main, Germany; vested in the Alien Property Custodian. Tanning agents and preparing them. 2,335,347; Dec. 7.
- Koch, Felix, Baltimore, and S. H. Badgett, Ben Avon, assignors toPressed Steel Car Company, Inc., Pittsburgh, Pa. Car construction. 2,322,641; June 29.
- Koch, Frederick, Sparta, assignor to Associated Patentes, Inc., Ampere, N. J. Continuous milling. 2,327,531; Aug. 24.
- Koch, Gustav H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Self-aligning bearing. 2,308,609; Jan. 19.
- Koch, Gustav H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bearing lubrication. 2,308,610; Jan. 19.
- Koch, Gustav H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air translating apparatus. 2,318,501; May 4.
- Koch, Gustav H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fastening device. 2,322,803; June 29.
- Koch, Henry C., assignor to Abbott Cohn, Chicago, Ill. Method of and apparatus for manufacturing building covering sheet material. 2,321,396; June 8.
- Koch, Henry C., assignor to Abbott Cohn, Chicago, Ill. Waterproofing apparatus. 2,321,397; June 8.
- Koch, Herman J., Wauwatosa, and A. A. Kraus, assignors to Custer-Tanner, Inc., Milwaukee, Wis. Enclosing casing for electrical control devices. 2,334,012; Nov. 9.
- Koch, Josef, Siegburg, Germany; vested in the Alien Property Custodian. Producing printing forms from colloids. 2,325,519; July 27.
- Koch, Lydia B., New York, and I. F. Mandell, New Rochelle, N. Y.; said Mandell assignor to said Koch. Noncollapsible paper bottle. 2,327,965; Aug. 21.
- Koch, Otto C., assignor to F. W. Stewart Manufacturing Corporation, Chicago, Ill. Radio control assembly. 2,312,650; Mar. 2.
- Koch, Paul F., Chicago, Ill., assignor to Chicago Die Casting Manufacturing Company. Lamp support. 2,308,421; Jan. 12.
- Koch, Paul F., Oak Park, Ill., assignor to Chicago Die Casting Manufacturing Company. Variable pitch pulley. 2,326,468; Aug. 10.
- Koch, Stanley J. (See Caselo, D., and Koch.)
- Koch, Stanley J. (See Christaldi, P. S., and Koch.)
- Koch, Stanley J., Clifton, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Coating of thermionic cathodes. 2,321,149; June 8.
- Koch, Stanley J., Clifton, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Making cathode ray tube gun structures. 2,331,401; Oct. 12.
- Koch, Stanley J., Clifton, and R. E. Rutherford, Rutherford, assignors to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Cathode ray tube and process. 2,319,691; May 18.
- Koch, Theodor, Oosterbeek, and H. A. van der Kroon, Arnhem, Netherlands, assignors to American Enka Corporation, Enka, N. C. Treatment of casein fibers. Re. 22,262; Feb. 2.
- Koch, Wilfred D., Troyeville, Johannesburg, Transvaal, Union of South Africa. Internal-expanding braking device. 2,334,935; Nov. 23.
- Koch, Wilhelm T. (See Roos, H., Dorr, and Koch.)
- Koch, William. (See Wiggan, D. R., and Koch.)
- Koch, William P., Chicago, Ill., assignor to Chicago Die Casting Manufacturing Company. Fruit juice extractor. 2,318,784; May 11.
- Koch, William W., assignor to Hercules Powder Company, Wilmington, Del. Plastic composition. 2,333,677; Nov. 2.

- Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Piezoelectric resonator network. 2,309,602; Jan. 26.
- Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Filament supply system. 2,318,948; May 11.
- Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Facsimile system. 2,319,139; May 11.
- Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Piezo electric crystal assembly. 2,323,610; July 6.
- Koch, Winfield R., Haddonfield, N. J., assignor to Radio Corporation of America. Cathode ray measuring device. 2,324,851; July 20.
- Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Lubrication. 2,308,815; Jan. 19.
- Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Lubrication. 2,320,140; May 25.
- Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Lubrication. 2,324,402; July 13.
- Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Liquid level gauge. 2,331,917; Oct. 19.
- Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Lubrication. 2,331,984; Oct. 19.
- Köchling, Wilhelm. (See Krämer, W., and Köchling.)
- Koci, Jerry C., assignor, by mesne assignments, to American Molded Products Co., Chicago, Ill. Contact switch for ball rolling games. 2,311,447; Feb. 16.
- Koci, Ludvik J., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Thermostat. 2,332,518; Oct. 26.
- Kock, Winston E., assignor to The Baldwin Company, Cincinnati, Ohio. Electrical musical instrument. 2,328,282; Aug. 31.
- Kodama, George, assignor, by mesne assignments, to American Molded Products Co., Chicago, Ill. Contact switch for ball rolling games. 2,311,447; Feb. 16.
- Koechling, Charles D., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,327,436; Aug. 24.
- Koehl, James A., assignor to Central Commercial Company, Chicago, Ill. Musical instrument. 2,327,720; Aug. 24.
- Koehler, Arthur W., Pasadena, Calif. Flexible chain closure for shoes. 2,321,754; June 15.
- Koehler, Franz, Lenna, Germany; vested in the Allen Property Custodian. Recovery of nitrogen and oxygen. 2,334,632; Nov. 16.
- Koehler, Glenn, Madison, Wis., assignor, to Chicago Transformer Corporation. Testing circuit. 2,307,319; Jan. 5.
- Koehler, Karl. (See Eggebrecht, O., Koehler, and Gruper.)
- Koehler Manufacturing Company. (See Powning, Henry G., assignor.)
- Koehler Manufacturing Company. (See Wheat, Grant, assignor.)
- Koehler, Willie G. (See Koepsel, L. E., and Koehler.)
- Koehring Company. (See Heine, Ferdinand H., assignor.)
- Koehring Company. (See Mitchell, Holger L., assignor.)
- Koehring Company. (See Poulter, John W., assignor.)
- Koehring, Roland P., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Heat treating apparatus. 2,327,804; Aug. 24.
- Koehring, Roland P., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Porous metal. 2,327,805; Aug. 24.
- Koeller, Reuben A., Genoa, Ill. Hitch for corn binders and hayracks. 2,334,415; Nov. 16.
- Koeln, Carl C., St. Louis, assignor of one-third to R. L. Clark, St. Louis County, Mo. Removable drilling bit. 2,337,720; Dec. 28.
- Koelsch, Charles F., assignor to Regents of the University of Minnesota, Minneapolis, Minn. Producing substituted alpha-naphthoquinones. 2,334,103; Nov. 9.
- Koenig, Carl J., Kenmore, N. Y., assignor of one-third to P. O. Mix, Cleveland, and one-third to C. Hanks, Euclid, Ohio. Fastener. 2,317,201; Apr. 20.
- Koemgesamen, Arthur, Jamaica, assignor to Henry Leonard & Thomas, Inc., Ozone Park, New York, N. Y. Smoker's pipe. 2,326,659; Aug. 10.
- Koeppeke, Henry E., East Moline, Ill., assignor to American Machine and Metals, Inc., New York, N. Y. Garment press. 2,307,686; Jan. 5.
- Koepfle, Joseph F., Detroit, Mich., assignor of one-half to Leo G. Koepfle, Silver Spring, Md. Engine starter. 2,321,686; June 15.
- Koepfle, Leo G. (See Koepfle, Joseph F., assignor.)
- Koepsel, Louis E., and W. G. Koehler, McQuenney, Tex. Poison powder distributor. 2,313,556; Mar. 9.
- Koester, Melvin C. (See Williams, C. B., and Koester.)
- Koether, Emil A., Baltimore, Md., assignor, by mesne assignments, to Standard Oil Company of California, San Francisco, Calif. Packing ring or bearing element. 2,315,798; Apr. 6.
- Koether, Emil A., Baltimore, Md., assignor to Koppers Company, Pittsburgh, Pa. Grinder. 2,329,995; Sept. 21.
- Kofer, Matt G., assignor of one-fourth to O. A. Held, and one-fourth to B. Stern, Milwaukee, Wis. Apparatus for making enlargements and still pictures from moving picture film. 2,319,330; May 18.
- Kogl, Frank, St. Paul, assignor of four per cent to M. M. Clark, St. Paul, Minn. Concrete stair mold. 2,317,701; Oct. 12.
- Kohl, Everard F., Cleveland, Ohio. Clutch and liquid transfer means therefor. 2,307,797; Jan. 12.
- Kohl, Karl, Berlin, Germany; vested in the Alien Property Custodian. Ultra short wave tube. 2,329,540; Sept. 14.
- Kohl, William R., Glenview, Ill. Garment storage vault. 2,309,399; Jan. 26.
- Kohler & Chaze. (See Hutchinson, Fenton F., assignor.)
- Köhler, Franz, Darmstadt, Germany, assignor to Rohn & Haas Company, Philadelphia, Pa. Preparation of allyl alcohol and its homologues. 2,323,781; July 6.
- Kohler, Otto, Cliffside Park, N. J. Apparatus for ornamenting Christmas tree balls. 2,337,052; Dec. 21.
- Kohler, Theodor B., Detroit, Mich. Electric welding machine. 2,332,581; Oct. 26.
- Kohlhagen, Walter, Elgin, Ill., assignor to Waterbury Clock Company, Waterbury, Conn. Apparatus for timing impulses. 2,317,202; Apr. 20.
- Kohn, Claus H., Rapperswil, Saint Gallen, Switzerland. Automatically lubricated roller chain, running on tracks. 2,309,603; Jan. 26.
- Köhl, Claus H., Rapperswil, Saint Gallen, assignor to K. Seiler, Zurich, Switzerland. Springy supports of tractors. 2,326,659; Aug. 10.
- Kohn, Earl J., Columbus, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ionograph tape. 2,316,340; Apr. 13.
- Kohn, George L., Van Wert, Ohio. Fish line float. 2,316,258; Apr. 13.
- Kohnle, Frederick, assignor to Monarch Marking System Company, Dayton, Ohio. Price tag printing machine. 2,310,179; Feb. 2.
- Kohnle, Frederick, assignor to The Monarch Marking System Company, Dayton, Ohio. Price tag marking machine. 2,313,347; Mar. 9.
- Könlitz, Onale B., Bovey, Minn. Necktie knot protector. 2,316,002; Apr. 6.
- Kok, Albert, Menlo Park, Calif. Fruit slicing apparatus. 2,334,416; Nov. 16.
- Kok, Albert, Menlo Park, Calif. Fruit orienting device. 2,337,394; Dec. 21.
- Kokatnur, Vaman R., Beechhurst, and J. J. Jacobs, Jr., Brooklyn, assignors to Autoxygen, Inc., New York, N. Y. Purifying sulphuric acid mixtures. 2,320,242; May 25.
- Kokatnur, Vaman R., Beechhurst, and J. J. Jacobs, Jr., Brooklyn, assignors to Autoxygen, Inc., New York, N. Y. Evaporating solvents from solutions. 2,326,099; Aug. 3.
- Kokay, Stephen, assignor to Ditto, Incorporated, Chicago, Ill. Moistening apparatus. 2,307,591; Jan. 5.
- Kokay, Stephen, assignor to Ditto, Incorporated, Chicago, Ill. Moistener for duplicating machines. 2,337,721; Dec. 28.
- Kolasinski, Vincent W. (See Brangle, Edward M.)
- Kolb, Otto K., and D. W. Boston, assignors to British Acoustic Films Limited, London, England. Arrangement for the reproduction of sound. 2,324,781; July 20.
- Kolderman, Roger W. (See Kauppi, T. A., and Kolderman.)
- Kolderman, Roger W. (See Kauppi, T. A., Kolderman, and McClurg.)
- Kollath, Francis. (See Willers, Carl, assignor.)
- Koller, Steven, Detroit, Mich. Gauging tool. 2,337,248; Dec. 21.
- Kolr, Steven, Detroit, Mich. Wheel dressing tool. 2,337,249; Dec. 21.
- Kollsman, Paul, Stamford, Conn., assignor, by mesne assignments, to Square D Company, Detroit, Mich. Vertical speed indicator. 2,309,400; Jan. 26.
- Kollsman, Paul, Greenwich, Conn., assignor to Square D Company, Detroit, Mich. Pressure gauge. 2,309,401; Jan. 26.
- Kollman, Paul, New York, N. Y., assignor, by mesne assignments, to Square D Company, Detroit, Mich. Remote indicating compass. 2,316,873; Apr. 20.
- Kolman, Louis, Brookline, Pa. Ship torpedo protector. 2,321,213; June 8.
- Kol-Master Corporation. (See Bressler, Robert E., assignor.)
- Kolodney, Morris. (See Fink, C. G., and Kolodney.)
- Kolodny, Charles, Baltimore, Md. Telephone attachment. 2,313,383; Mar. 9.
- Kolts, Tennes F. (See Bleakley, P. A., and Kolts.)
- Komarewsky, Vasilii. (See Egloff, G., and Komarewsky.)
- Komarewsky, Vasilii I., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,333,866; Nov. 9.
- Komarik, Stephen L. (See Griffith, C. L., and Komarik.)
- Komenda, Erwin, Stuttgart-Kornthal, Germany; vested in the Alien Property Custodian. Vehicle body and making same. 2,326,952; Aug. 17.
- Komenda, Erwin, Stuttgart-Kornthal, Germany; vested in the Alien Property Custodian. Laminated body. 2,330,595; Sept. 28.
- Komenda, Erwin, Stuttgart-Kornthal, Germany; vested in the Alien Property Custodian. Door. 2,332,858; Oct. 26.
- Komives, Laszlo I., and J. D. Piper, Detroit, Mich. Cable joint and process. 2,312,652; Mar. 2.

Komow, Albert P., Great Neck, assignor to U. S. Cloth Cutting Machine Co., Inc., New York, N. Y. Sharpening device. 2,308,012; Jan. 12.

Komph, William L., Sr., assignor to Gar Wood Industries, Inc., Detroit, Mich. Fluid hoist construction. 2,308,761; Jan. 18.

Komroff, Paul. (See Terry, M. C., and Komroff.)

Konet, Henry. (See Beving, J. E., and Konet.)

Konetsky, Milton J., San Francisco, Calif. Rear under-construction for vehicles. 2,312,253; Feb. 23.

König, Carl, Stuttgart, Germany; vested in the Alien Property Custodian. Obtaining relative movement of aircraft parts. 2,307,317; Jan. 5.

König, Joseph, London, England. Projecting images with flickering effect. 2,314,222; Mar. 16.

König, Rezzo. (See Földi, Z., Gerecs, Demjén, and König.)

Königsberg, Max S., New York, and W. Henry, St. George, Staten Island, N. Y. Photofluorographic apparatus. 2,337,722; Dec. 28.

Konikoff Bros. (See Konikoff, Harry, assignor.)

Konikoff, Harry, assignor to Konikoff Bros., New York, N. Y. Snap book. 2,334,677; Nov. 16.

Konrath, L. L., Uniontown, Pa. Method of and apparatus for mining. 2,308,517; Jan. 19.

Konrad, Erich. (See Günlich, W., and Konrad.)

Konrad, Erich, and R. Ludwig, Leverkusen I. G. Werk, Germany, vested in the Alien Property Custodian. Synthetic rubberlike material. 2,335,124; Nov. 23.

Konuch, George J., Norfolk, Va. Sterilizer. 2,327,721; Apr. 24.

Konvalinka, William J., Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Calibrating indicating instruments. 2,335,771; Nov. 30.

Kook, Beatrice F. (See Kook, Nicholas J., and Beatrice F.)

Kook, Nicholas J., and B. F. Kook, Detroit, Mich. Sand spreader for vehicles. 2,307,798; Jan. 12.

Koolins, Stanley B., New York, N. Y. Apparatus for loading and folding bottle carrier cartons. 2,312,651; Mar. 2.

Koon, Archie W. (See Beebe, G. R., and Koon.)

Koonce, Henry B., High Point, N. C., assignor to Atlantic States Motor Lines, Inc. Apparatus for loading articles. 2,335,518; Nov. 30.

Koonce, Richard S., Raleigh, assignor to Atlantic States Motor Lines, Inc., High Point, N. C. Apparatus for loading heavy spools. 2,335,517; Nov. 30.

Koonce, Richard S., Raleigh, assignor to Atlantic States Motor Lines, Inc., High Point, N. C. Apparatus for loading and transporting large spools of thread and the like. 2,335,518; Nov. 30.

Koonz, Carl H., assignor to Industrial Patents Corporation, Chicago, Ill. Freezer storage. 2,329,472; Sept. 14.

Koonz, Carl H., and J. D. Ingle, assignors to Industrial Patents Corporation, Chicago, Ill. Wax coating for storage hams. 2,337,666; Dec. 28.

Kopertiva, Ferdinand, Fürstentum U. P. A. (See Dahlberg, Tord O., assignor.)

Koos, Paul V. (See Bidwell, Charles H., and Koos.)

Kopas, Joseph S., Cleveland, Ohio. Testing machine. 2,311,055; Feb. 16.

Kopas, Joseph S., Cleveland, Ohio. Testing device. 2,327,194; Aug. 17.

Kopezynski, John, Buffalo, N. Y. Tool. 2,324,852; July 2.

Kopczynski, John F., Buffalo, N. Y. Coupling device. 2,329,061; Sept. 9.

Kopeck, Stanley J., Erie, Pa. Gear grinding wheel dresser and gear form checker. 2,321,825; June 15.

Kopf, Emil, and R. Wasmuth, Dortmund, Germany; vested in the Alien Property Custodian. High pressure container. 2,312,420; Mar. 2.

Kopf, Joseph L., Maplewood, N. J., assignor to Jabez Burns & Sons, Inc., New York, N. Y. Coffee maker. 2,314,543; Mar. 23.

Kopitke, William H., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Molding hollow articles of plastic material. 2,331,702; Oct. 12.

Kopp, Georges, Paris, France; vested in the Alien Property Custodian. Metalliferous substantive dyestuffs. 2,328,465; Aug. 31.

Kopp, Herman, Bronx, N. Y. Quick rering piston. 2,316,341; Apr. 13.

Koppel, Charles, Robbinsville, N. J. Knitting machine jack and needle bed. 2,327,356; Aug. 24.

Koppelman, Morris, Sierra Madre, Calif. Vehicle safety seat. 2,335,340; Nov. 30.

Koppelmann, Floris, Berlin-Siemensstadt, H. Prass and B. Penk, Berlin, Germany; vested in the Alien Property Custodian. Converter. 2,310,792; Feb. 9.

Koppen, Otto C., Newton, Mass., assignor to General Aircraft Corporation, Dover, Del. Airplane engine mount. 2,316,077; Apr. 6.

Koppers Company. (See Arnold, Walter P., assignor.)

Koppers Company. (See Becker, Joseph, assignor.)

Koppers Company. (See Bussmann, Wilhelmus B., assignor.)

Koppers Company. (See Kester, Ernest B., assignor.)

Koppers Company. (See Koether, Emil A., assignor.)

Koppers Company. (See Koppers, Heinrich, assignor.)

Koppers Company. (See Lavelly, Paul H., assignor.)

Koppers Company. (See Linder, Willy, assignor.)

Koppers Company. (See Morton, Allen W., assignor.)

Koppers Company. (See Powell, Alfred R., assignor.)

Koppers Company. (See Schutt, John W., assignor.)

Koppers Company. (See Shattuck, Arthur W., Jr., assignor.)

Koppers Company. (See Totzek, F., and Daniels, assignor.)

Koppers, Heinrich, Essen, Germany, assignor, by means assignments, to Koppers Company, Pittsburgh, Pa. Coke oven battery. 2,311,114; Feb. 16.

Koppitz, Carl G., and S. H. Kast, assignors to Railway and Industrial Engineering Company, Greensburg, Pa. Electrical switch. 2,309,909; Feb. 2.

Koppitz, Carl G., and A. M. Zech, assignors to Railway and Industrial Engineering Company, Greensburg, Pa. Disconnect switch. 2,328,283; Aug. 31.

Kopplin, Carl H., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Air duct. 2,334,561; Nov. 16.

Kopplin, Charles D., Minneapolis, Minn. Mitten. 2,318,785; May 11.

Kopriva, Charles J. (See Strecker, C. E., and Kopriva.)

Kopriva, Charles J., Bloomfield, and P. T. Gates, Montclair, assignors to Drycor-Felt Company, Belleville, N. J. Carrier or felting needle. 2,326,038; Aug. 3.

Körber, Emil, Nuremberg, Germany; vested in the Alien Property Custodian. Photoelectric cell. 2,317,776; Apr. 27.

Korbin, Andrew J., assignor to Blade Master, Incorporated, New York, N. Y. Blade sharpening device. 2,307,931; Jan. 12.

Korinth, Erich. (See Kleissalt, S., and Korinth.)

Korling, Torkel, Chicago, Ill., assignor to The Folmer Graflex Corporation, Rochester, N. Y. All-metal folding camera stand. 2,323,473; July 6.

Korn, David, & Co. Inc. (See Altman, Harry J., assignor.)

Korn, Percival P. (See Woolf, W. H., and Korn.)

Korndörfer, Hubert, Berlin, Germany, assignor to General Electric Company. Electric circuit breaker. 2,310,093; Feb. 2.

Kornemann, Henry C. (See Yendall, E. F., and Kornemann.)

Kornemann, Henry C., Buffalo, and E. F. Yendall, Kenmore, N. Y., assignors to The Linde Air Products Company. Process of and apparatus for separating gas mixtures. 2,337,474; Dec. 21.

Korner, William E., Gary, Ind., assignor to Carnegie-Illinois Steel Corporation. Device or attachment for lifting boxes and the like. 2,314,792; Mar. 23.

Kornfeld, Hermann, San Francisco, Calif. Flashlight switch. 2,309,402; Jan. 26.

Korotzer, Nathan, Brooklyn, N. Y. Spring model of trussings of cones. 2,312,175; Feb. 23.

Korpi, Karl. (See Goldsby, A. R., and Korpi.)

Korpi, Karl, Redondo Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Treating hydrocarbons containing olefins. 2,312,560; Mar. 2.

Korpi, Karl, Redondo Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Pressure alkylation process. 2,332,321; Oct. 19.

Korsen, Samuel, Philadelphia, Pa. Skirt or article of clothing. 2,334,013; Nov. 9.

Korsgaard, Paul, Chicago, assignor to Johnson & Johnson, New Brunswick, N. J. Method and apparatus for cutting webs. 2,307,889; Jan. 12.

Korte, Alfred C., assignor to Carter Carburetor Corporation, St. Louis, Mo. Commutator. 2,319,692; May 18.

Korte, Alfred C., and K. Lannert, assignors to Carter Carburetor Corporation, St. Louis, Mo. Centrifugal pump. 2,318,786; May 11.

Korte, Alfred C., St. Louis, and K. Lannert, St. Johns Station, assignors to Carter Carburetor Corporation, St. Louis, Mo. Windshield wiper parking device. 2,319,408; May 18.

Korte, Alfred C., and K. Lannert, assignors to Carter Carburetor Corporation, St. Louis, Mo. Electric fuel pump. 2,319,934; May 25.

Korte, Alfred C., St. Louis, and K. Lannert, St. Johns Station, assignors to Carter Carburetor Corporation, St. Louis, Mo. Windshield wiper parking device. 2,336,424; Nov. 30.

Korte, Herman R., Fort Wayne, Ind., assignor to General Electric Company. Core clamp. 2,324,853; July 20.

Korten, Ernst, Frankfurt-on-the-Main-Fechenheim, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Phenol-furfuryl alcohol resinous condensation products. 2,321,493; June 8.

Kortkamp, Laurence L. (See Arnold, C. F., and Kortkamp.)

Korum, Henry E. (See Gamble, C. H., and Korum.)

Korvin-Krokovsky, Boris V., Whitestone, N. Y. Loose leaf binder. 2,329,351; Sept. 14.

Korytko, Charles E. S., Paris, France; vested in the Alien Property Custodian. Piston. 2,313,202; Mar. 9.

Kosatka, Thomas O., assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Oil seal. 2,319,067; May 11.

Kosche, Rudolf. (See Balz, M., and Kosche.)

Koschmieder, Kurt, Berlin, Germany; vested in the Alien Property Custodian. Direction finding system. 2,312,421; Mar. 2.

Kosek, Ernest, et al. (See Vondracek, Frank J., assignor.)

- Kosha, Andrew J., Stratford, assignor to The Bead Chain Manufacturing Company, Bridgeport, Conn. Machine for making socket pins. 2,326,660; Aug. 10.
- Kosianec, Valentine J., Crescent Valley, British Columbia, Canada. Handle reinforcing device. 2,323,545; July 6.
- Kosken, Wilho A., New York, N. Y., and P. J. Browncombe, East Orange, N. J., assignors to Universal Camera Corporation, New York, N. Y. Photographic camera. 2,309,403; Jan. 26.
- Kosky, John G., A. H. Bradbeck, and E. H. Kahler, assignors to American Stove Company, St. Louis, Mo. Combined fuel filter and regulator and cutoff device. 2,327,195; Aug. 17.
- Kossman, Hans R. (See Mayer, A. L., and Kossman.)
- Kost, Alwin, assignor to Kost Incorporated, Portland, Oreg. Beacon light. 2,332,383; Oct. 19.
- Kost, Harold W., Birmingham, assignor to Detroit Harvester Company, Detroit, Mich. Fastener applying tool. 2,315,209; Mar. 30.
- Kost, Harold W., Birmingham, assignor to Detroit Harvester Company, Detroit, Mich. Fastener. 2,315,210; Mar. 30.
- Kost, Harold W., Birmingham, assignor to Detroit Harvester Company, Detroit, Mich. Fastener for moldings or the like. 2,315,211; Mar. 30.
- Kost, Harold W., Birmingham, assignor to Detroit Harvester Company, Detroit, Mich. Device for connecting sheet metal panels. 2,321,755; June 15.
- Kost, Harold W., Birmingham, assignor to Detroit Harvester Company, Detroit, Mich. Panel fastener. 2,322,852; June 29.
- Kost Incorporated. (See Kost, Alwin, assignor.)
- Kost, Joseph L., San Antonio, Tex. Combination chair and bed section. 2,329,914; Sept. 21.
- Koster, Cornelius J., Grand Rapids, Mich. Mallet. 2,332,384; Oct. 19.
- Koster, Frederick W., Meadville, H. H. Bitler, Moylan, and A. Lodge, Meadville, Pa., assignors to American Viscose Corporation, Wilmington, Del. Spinning cap. 2,331,200; Oct. 5.
- Koster, Margaret R., Brooklyn, N. Y. Safety holder for care of babies. 2,333,652; Nov. 9.
- Koster, Margaret R., Brooklyn, N. Y. Safety cot for care of babies. 2,334,014; Nov. 9.
- Kostko, Jaroslav K. (See Logan, E. W., and Kostko.)
- Koszeghy, Stephen, West New York, N. J. Work holding device. 2,312,914; Mar. 2.
- Kotcher, Irwin, Brooklyn, N. Y. Filling machine. 2,330,596; Sept. 28.
- Kotcher, Irwin, Brooklyn, N. Y. Receptacle capping apparatus. 2,330,597; Sept. 28.
- Kotcher, Irwin, Brooklyn, N. Y. Carton processing. 2,337,610; Dec. 28.
- Kothny, Gottfrank L., Stratford, assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Well surveying instrument. 2,317,386; Apr. 27.
- Kothny, Gottfrank L., Stratford, assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Well surveying device. 2,318,612; May 11.
- Kothny, Gottfrank L., Stratford, and G. A. Smith, assignors to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Time delay relay control. 2,322,238; June 22.
- Kotler, Paul, Irvington, N. J. Leveling device for shuffle-board tables. 2,327,050; Aug. 17.
- Kotowski, Stephen K., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass drill. 2,312,176; Feb. 23.
- Kott, Hermann, East Orange, N. J., assignor to Speedy Gravure Corporation, New York, N. Y. Viscosimeter. 2,309,910; Feb. 2.
- Kott, Louis, assignor to Fredericksburg Implement Co., Fredericksburg, Tex. Plow hitch. 2,320,141; May 25.
- Kottle, Edward, Lynbrook, N. Y. Rotary drum calendar. 2,335,863; Dec. 7.
- Kottmann, Arthur A., Davenport, Iowa, assignor, by mesne assignments, to The Bettendorf Company. Slicing machine. 2,328,911; Sept. 7.
- Kottmann, Arthur A., Davenport, F. L. Bennett, Le Claire, Iowa, and E. R. Keast, West Englewood, N. J., assignors, by mesne assignments, to The Bettendorf Company. Bread slicing machine. 2,311,761; Feb. 23.
- Kottmann, Arthur A., Davenport, Iowa, and H. F. Elliott, Cleveland, Ohio, assignors, by mesne assignments, to The Bettendorf Company. Slicing machine. 2,311,762; Feb. 23.
- Kottmann, Arthur A., Davenport, Iowa, and E. C. Vollmer, Rock Island, Ill., assignors, by mesne assignments, to The Bettendorf Company. Slicing machine. 2,315,711; Apr. 6.
- Kottmann, Arthur A., Davenport, Iowa, and E. C. Vollmer, Rock Island, Ill., assignors, by mesne assignments, to The Bettendorf Company. Slicing machine. 2,316,171; Apr. 13.
- Kottmann, Arthur A., and F. Rohlfing, Davenport, Iowa, assignors, by mesne assignments, to The Bettendorf Company. Lubricating device for bread slicers. 2,319,140; May 11.
- Kotzbach, Gustav C., New Britain, Conn. Piston ring. 2,328,912; Sept. 7.
- Koucky, Josef, Brunn, Czechoslovakia; vested in the Alien Property Custodian. Stopper for the gas cylinder of gas-pressure loaders in firearms. 2,331,703; Oct. 12.
- Koupal, Walter G. (See Halbach, H. L., Koupal and Owen.)
- Kouschup, Afanasi, New York, N. Y. Universal tool holder. 2,332,449; Oct. 19.
- Kouyoumjian, Haroutum K., Wakefield, R. I. Shock absorber. 2,312,718; Mar. 2.
- Kouyoumjian, Haroutum K., Wakefield, R. I. Electric switch. 2,314,714; Mar. 23.
- Kouyoumjian, Haroutum K., Wakefield, R. I. Apparatus for reducing effects of shocks. 2,335,425; Nov. 30.
- Kouyoumjian, Haroutum K., Wakefield, R. I., assignor to Ward Leonard Electric Company. Time delay relay. 2,308,660; Jan. 19.
- Kouyoumjian, Haroutum K., Wakefield, R. I., assignor to Ward Leonard Electric Company. Dashpot. 2,327,722; Aug. 24.
- Kouyoumjian, Leon V., Fairview, N. J., assignor to National-Standard Company. Conveyor for drying ovens. 2,322,299; June 22.
- Kovacs, Frank, Akron, assignor to Seiberling Rubber Company, Barberton, Ohio. Pneumatic tire structure. 2,308,467; Jan. 12.
- Kovalsky, Joseph F., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,307,515; Jan. 5.
- Kovalsky, Joseph F., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulator. 2,326,039; Aug. 3.
- Kovar, John K., Anoka, Minn. Harrow. 2,317,537; Apr. 27.
- Kovats, John, et al. (See Starrett, Rupert M., assignor.)
- Kovats, John J., et al. (See Starrett, Rupert M., assignor.)
- Kowalske, Adolph L., Rogers City, Mich. Portable power drill safety support. 2,309,777; Feb. 2.
- Kowalski, Frank, Jr., Fort Benning, Ga. Bullet. 2,316,172; Apr. 13.
- Kowalski, Frank, Jr., United States Army, Carthage, N. Y. Fire control instrument. 2,331,918; Oct. 19.
- Kowalsky, Andrew, Perdido Beach, Ala., assignor to International Harvester Company. Binder. 2,327,908; Aug. 24.
- Kozma, Ladislav. (See Haigh, L. B., and Kozma.)
- Kraber, Frank J., Los Angeles, Calif. Juice extractor. 2,325,779; Aug. 3.
- Kraeff, Herman L., Cleveland Heights, Ohio, assignor to The Murray-Ohio Manufacturing Company. Metallic chair frame. 2,307,138; Jan. 15.
- Kraeff, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Front fork assembly for cycles. 2,308,371; Jan. 12.
- Kraemer, Waldo L., Brooklyn, N. Y., assignor to Kearsott Engineering Co., Inc. Window cleaning apparatus. 2,326,231; Aug. 10.
- Kraft Cheese Company. (See Beers, William O., assignor.)
- Kraft Cheese Company. (See Fisher, Guy N., assignor.)
- Kraft Cheese Company. (See Kratz, Edouard M., assignor.)
- Kraft Cheese Company. (See Linstedt, William F., assignor.)
- Kraft Cheese Company. (See Palmer, Frank D., assignor.)
- Kraft, Hans, Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine arrangement. 2,332,322; Oct. 19.
- Kraft, Herman O., Detroit, Mich. Window screen. 2,314,715; Mar. 23.
- Kraft, Herman T. (See Iredell, R., and Kraft.)
- Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Cone clutch. 2,316,874; Apr. 20.
- Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Preloader for fluid operated devices. 2,326,300; Aug. 10.
- Kraft, Kurt, F. Dengel, Mannheim, Germany, assignors to E. Bilhuber Inc., Orange, N. J. Diiodotyrosin solutions. 2,309,404; Jan. 26.
- Kraft, Wheaton W., assignor to The Lummus Company, New York, N. Y. Distillation process. 2,315,122; Mar. 30.
- Kraft, Wheaton W., Scarsdale, assignor to The Lummus Company, New York, N. Y. Heat exchanger. 2,323,474; July 6.
- Kraft, Wheaton W., Scarsdale, N. Y., and W. L. Bass, East Orange, N. J., assignors to The Lummus Company, New York, N. Y. Fractionating hydrocarbon oils. 2,321,826; June 15.
- Krag, Harry W., Vinita Park, assignor to American Shoe Machinery and Tool Company, St. Louis, Mo. Drive mechanism. 2,321,494; June 8.
- Krag, Harry W., Vinita Park, assignor to American Shoe Machinery and Tool Company, St. Louis, Mo. Sewing machine. 2,337,252; Dec. 21.
- Krajnc, Anthony, Superior, Wis. Cutting and gauging instrument. 2,311,234; Feb. 16.
- Krakauer, Abraham, assignor to Kay Manufacturing Corporation, Brooklyn, N. Y. Padded spring cushion unit. 2,313,443; Mar. 9.

- Krakauer, Abraham, assignor to Kay Manufacturing Corporation, Brooklyn, N. Y. Folding couch bed. 2,315,969; Apr. 6.
- Krakauer, C. Leonard. (See Krakauer, D. and C. L.)
- Krakauer, Daniel, assignor to Kay Manufacturing Corporation, Brooklyn, N. Y. Holder for fire extinguishers. 2,337,141; Dec. 21.
- Krakauer, Daniel, and C. L. assignors to Kay Manufacturing Corporation, Brooklyn, N. Y. Couch hinge. 2,330,059; Sept. 21.
- Krakauer, Philip, assignor to Kay Manufacturing Corporation, Brooklyn, N. Y. Edge roll for mattresses. 2,315,968; Apr. 6.
- Krauer, Samuel, et al. (See Jonassen, Jonas, assignor.)
- Kramarcenko, Alexandre. (See Willen, C. H., and Kramarenko.)
- Kramer, Clarence F., Birmingham, assignor to Ford Motor Company, Dearborn, Mich. Head lamp. 2,317,619; Apr. 27.
- Kramer, Clarence F., Birmingham, assignor to Ford Motor Company, Dearborn, Mich. Seat. 2,317,620; Apr. 27.
- Kramer, Clarence F., Birmingham, assignor to Ford Motor Company, Dearborn, Mich. Windshield. 2,319,869; May 25.
- Kramer, Edward H. (See Dierking, Lester H., assignor.)
- Kramer, Fay S., Long Island City, N. Y. Game board. 2,320,184; May 25.
- Kramer, Ferdinand, Port Chester, N. Y. Combined kitchen and serving wagon. 2,309,513; Jan. 20.
- Kramer, Frank. (See Goby, Clifford B., assignor.)
- Kramer, Fred W., New Orleans, La. Motor vehicle body. 2,349,002; May 11.
- Kramer, George A. (See Karsakov, S., and Kremer.)
- Kramer, Henry J., Mason City, Iowa. Cellular box. 2,322,239; June 22.
- Kramer, Otto L. (See Hiatt, H. H., and Kramer.)
- Kramer, Paul H., and E. J. Steigerwald, assignors to Park Chemical Company, Detroit, Mich. Carburetor. 2,320,872; June 1.
- Kramer, Samuel, and J. Kahn, New York, assignors to Pioneer Watch Case Co., Inc., Mount Vernon, N. Y. Watchcase. 2,327,112; Aug. 17.
- Krmer, Werner, Berlin-Karlshorst, and W. Köhling, Berlin-Lubars, Germany, assignors to General Electric Company. Variable reactance device. 2,333,015; Oct. 26.
- Kramer, Hobart M., Bethlehem, Pa., assignor to Bethlehem Steel Company. Synthetic ore. 2,308,984; Jan. 19.
- Krantz, Carl A., Chicago, Ill. Automatic tire pressure gauge or signal. 2,308,372; Jan. 12.
- Krantz, Edward, deceased, Chicago, Ill., by H. Krantz, administratrix, Chicago, Ill., assignor of one-half to H. A. Torstenson, and one-half to V. Pearson, Chicago, Ill. Magazine closure for stapling machines. 2,310,529; Feb. 9.
- Krantz, Edward, deceased, Chicago, Ill., by H. Krantz, administratrix, assignor of one-half to H. A. Torstenson, and one-half to V. Pearson, Chicago, Ill. Anvil or stapling machines. 2,310,530; Feb. 9.
- Krantz, Edward, deceased, by H. Krantz, administratrix, assignor of one-half to H. A. Torstenson, and one-half to V. Pearson, Chicago, Ill. Fastener driving tool. 2,326,540; Aug. 10.
- Krantz, Edward M., Simpson, Pa. Venetian blind. 2,307,278; Jan. 5.
- Krantz, Helen, administratrix. (See Krantz, Edward.)
- Krantz, John C., Jr., Baltimore, and N. L. Drake, College Park, Md. Cyclopropyl ether and preparing same. 2,330,979; Oct. 5.
- Krantz, Rose, Brooklyn, N. Y. Dress shield. 2,336,940; Dec. 14.
- Kranz, Harry W., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Floating fork for bicycles. 2,307,279; Jan. 5.
- Kränzlein, Paul, Berlin, Germany, assignor to General Aniline & Film Corporation. Substitution products of anthraquinone and the corresponding aryl-benzole acid and preparing the same. 2,309,196; Jan. 26.
- Kränzlein, Paul, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline & Film Corporation. Chloranthraquinones and making them. 2,313,155; Mar. 9.
- Krasberg, Rudolf, Chicago, Ill. Pressing mechanism. 2,336,262; Dec. 7.
- Krase, Herbert J., Dayton, Ohio, assignor to Monsanto Chemical Company. Sandblasting process. 2,336,020; Dec. 7.
- Krasno Bros. Glove & Mitten Company. (See Krasno, Samuel H., assignor.)
- Krasno, Samuel H., assignor to Krasno Bros. Glove & Mitten Company, Milwaukee, Wis. Apparatus for applying inserts in pile materials. 2,307,280; Jan. 5.
- Krasnow, Samuel, and W. Edelberg, Montreal, Quebec, Canada; said Edelberg assignor to said Krasnow. Cigarette making machine. 2,310,297; Feb. 9.
- Krasnow, Shelley. (See Pirsou, Sylvain J. G., assignor.)
- Krastin, Arnold, Cleveland, Ohio. Honing or polishing tool. 2,316,257; Apr. 13.
- Kratt, George C., Jr., Nisswa, Minn. Inflating pneumatic tires to proper internal air pressure under load. 2,313,156; Mar. 9.
- Kratz, Edouard M., Gary, Ind., assignor to Kraft Cheese Company. Sheet making apparatus. 2,316,173; Apr. 13.
- Kratzer, Herbert J., St. Louis, Mo. Connecting rod assembly for radial engines or like operating device. 2,332,323; Oct. 19.
- Kraus, Alfred J., Wichita, Kans. Aperturing punch. 2,307,281; Jan. 5.
- Kraus, Anthony A. (See Koch, H. J., and Kraus.)
- Kraus, Charles E., Sparks, Md. Coated fibro-cement product. 2,309,962; Feb. 2.
- Kraus, Charles E., Rochester, N. Y. Rotary cutter. 2,333,553; Nov. 9.
- Kraus, Clarence W., Buffalo, N. Y. Building construction. 2,324,218; July 13.
- Kraus, Josef. (See Rabald, E., and Kraus.)
- Krause, Clarence. (See Roopke, Edward C., assignor.)
- Krause, Friedrich, Berlin, Germany; vested in the Allen Property Custodian. Electrostatic electron lens. 2,333,018; Mar. 2.
- Krause, Georg L. A., Holtriageleskreuth, near Munich, Germany; vested in the Allen Property Custodian. Apparatus for the separation of ice and concentrate. 2,317,777; Apr. 27.
- Krause, Max, Chicago, Ill. Tree bracket. 2,311,495; Feb. 10.
- Krause, Norman R., assignor to J. I. Case Company, Racine, Wis. Pickup device. 2,324,261; July 13.
- Krause, Norman R., assignor to J. I. Case Company, Racine, Wis. Combination harvester-thresher. 2,326,923; Dec. 7.
- Krause, Victor W., assignor of one-third to H. R. Farrell, Rockford, and one-third to E. A. Sheddman, Grand Rapids, Mich. Eyeglass. 2,313,879; Mar. 16.
- Kraut, Max, Libertad, Chontales, Nicaragua, assignor to Southwestern Engineering Company, Los Angeles, Calif. Fluid motor. 2,319,608; May 18.
- Kraut, Samuel B., Cleveland Heights, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Universal street lighting luminaire. 2,337,824; Dec. 28.
- Krauthahn, William C., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,319,609; May 18.
- Kreb, Gustave A., Milwaukee, Wis. Fishing reel. 2,325,861; Aug. 3.
- Krebs, Luther E., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Method of and apparatus for testing coils. 2,322,853; June 20.
- Krebs, Robert W., and E. W. Nicholson, Baton Rouge, La., assignors to Standard Oil Development Company. Catalytic conversion. 2,320,284; May 25.
- Kreer, John. (See Larsen, H., and Kreer.)
- Kroff, Herman, Berlin-Schöneberg, and K. Larché, Berlin-Tempelhof, Germany, assignors to General Electric Company. Electric discharge lamp. 2,329,626; Sept. 14.
- Kregel, William C., et al. (See MacMillan, Royal J., assignor.)
- Kreh, Edward J., Jr., Murrysville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Commutator-centering means. 2,307,516; Jan. 5.
- Krehbiel, Benjamin F. (See Porter, G. W., and Krehbiel.)
- Krehbiel Engineering Corporation. (See Pfeiffer, George E., assignor.)
- Kreidler, Raymond L., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Photoflash casing. 2,333,725; Nov. 9.
- Kreimberg, Joseph, Ludlow, Ky., and J. J. Eichel, assignors to Jefferson Machine Tool Company Division of The Reh Company, Cincinnati, Ohio. Turret device. 2,333,939; Nov. 9.
- Kreis, Friedrich, Chemnitz, Germany; vested in the Allen Property Custodian. Pawl freewheel. 2,308,926; Jan. 19.
- Kreis, Joseph D., Cleveland Heights, assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 2,336,737; Dec. 11.
- Kreiselman, Joseph, Washington, D. C., assignor to Air Reduction Company, Incorporated, New York, N. Y. Apparatus for administering oxygen. 2,313,999; Mar. 16.
- Kreiser, John R. (See Epstein, S., and Kreiser.)
- Krauss, Ernst, and F. Thane, Krefeld-Uerdling, and K. Rosenbaum, Rheinfelden-on-the-Rhine, Germany; vested in the Allen Property Custodian. Shaft coupling. 2,332,859; Oct. 26.
- Krekel, Paul. (See Frey, Walter, and Krekel.)
- Krekeler, Hans. (See Cantzler, Adolf, and Krekeler.)
- Krekeler, Hans. (See Mueller-Cunradi, M., Cantzler, and Krekeler.)
- Krellner, Walter G., assignor to Stackpole Carbon Company, St. Marys, Pa. Electrographitic brush. 2,331,479; Oct. 12.
- Kremers, Harry C., Cleveland Heights, and L. A. Bateman, East Cleveland, assignors to The Harshaw Chemical Company, Elyria, Ohio. Opaquing agents for fireproof enamels. 2,332,236; Oct. 19.
- Krenke, Orland A., Martins Ferry, Ohio. Paper fastener. 2,326,366; Aug. 10.
- Krenke, Otto, assignor to Anker-Holth Manufacturing Company, Inc., Port Huron, Mich. Hose reel. 2,313,557; Mar. 9.

- Krenzke, William F., assignor to Jacobsen Manufacturing Company, Racine, Wis. Tractor mounted and controlled gang lawn mower. 2,325,252; July 27.
- Kresse, Edward J., Denver, Colo. Dental amalgam mixer. 2,308,450; Jan. 12.
- Kressler, D. Ellis, assignor to Burroughs Adding Machine Company, Detroit, Mich. Manifold means. 2,322,030; June 15.
- Kressman, Frederick W., assignor to Continental Turpetine & Rosin Corp. Inc., Laurel, Miss. Preparing wood products. 2,315,372; Mar. 30.
- Kretschmer, Murray, New York, N. Y. Collapsible box. 2,323,782; July 6.
- Kretzschmar, George W. (See Klammt, A., and Kretzschmar.)
- Kreuscher, George A., Kenosha, Wis., assignor to W. J. Dennis & Company, Chicago, Ill. Closure balance. 2,336,406; Dec. 7.
- Kreuzer, Barton, Los Angeles, Calif., assignor to Radio Corporation of America. Rerecording. 2,320,524; June 1.
- Kribs, Edward F. (See Millikan, N. E., and Kribs.)
- Krider, George E., Duncansville, Pa. Crusher plate support for oil crushers. 2,312,823; Mar. 2.
- Kriebel, Ernst, Berlin-Spandau, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dry-type rectifier. 2,310,444; Feb. 9.
- Kriebbaum, John P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,316,003; Apr. 6.
- Krieg, Anthony W., assignor to Cypress Novelty Corporation, Brooklyn, N. Y. Cake candle holder. 2,316,342; Apr. 13.
- Krieg, Walter L. (See Price, Harold W., and Krieg.)
- Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,326,232; Aug. 10.
- Krieger, Arthur M., Mount Lebanon, Pa. Centering device. 2,308,985; Jan. 19.
- Krieger, Arthur M., Mount Lebanon, Pa. Apparatus for measuring strip. 2,317,468; Apr. 27.
- Kriegstein, Louis, Newark, assignor, by mesne assignments, to Margon Corporation, Bayonne, N. J. Dolls' eye set. 2,307,687; Jan. 5.
- Kriegsman, Edwin, Scarsdale, assignor to Green-Kriegsman Paper Co. Inc., New York, N. Y. Paper fastener. 2,324,004; July 13.
- Krijger, Willem J., Deventer, Netherlands; vested in the Alien Property Custodian. Pile fabric. 2,325,520; July 27.
- Krillow, James E. (See Morris, Nathan K., assignor.)
- Krillow, James E., Atlantic City, N. J. Knife. 2,315,898; Apr. 6.
- Kriner, Oscar, Martinsville, Ind. Stove. 2,329,993; Sept. 21.
- Krinsky, Lewis W. (See Noah, M., and Krinsky.)
- Krinowitz, Maurice J. (See Adler, O. E., and Krinowitz.)
- Kristek, Marx C. (See Blackmore, L., and Kristek.)
- Kristler, Charles J., Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Colorable molasses. 2,315,626; Apr. 6.
- Kritchevsky, Wolf, assignor to Nino Development Company, Chicago, Ill. Acid-reacting derivatives of alcohol amine condensation products. 2,325,062; July 27.
- Kritz, Leo L., Spencer, Iowa. Annunciator. 2,314,584; Mar. 23.
- Kritzer, Richard W., Chicago, Ill. Air conditioning unit. 2,320,523; Jan. 12.
- Kritzer, Richard W., Chicago, Ill. Heat exchange coil. 2,322,145; June 15.
- Kritzer, Richard W., Chicago, Ill. Unit heater. 2,333,317; Nov. 2.
- Krochmal, Henry, Elizabeth, N. J. Dividing head. 2,328,346; Aug. 31.
- Krocker, Arthur G., Waco, Tex. Sash cord guide. 2,315,970; Apr. 6.
- Kroebler Mfg. Co. (See Schaffner, Alvin J., assignor.)
- Kroeker, Edwin H. (See Neher, H. T., and Kroeker.)
- Kroeper, Hugo, Heidelberg, Germany; vested in the Alien Property Custodian. Condensation of an imide of a dicarboxylic acid with a polyamine. 2,323,054; June 29.
- Kroeper, Hugo, Heidelberg, and H. Haussmann, Mannheim, Germany; vested in the Alien Property Custodian. Condensation of cyanocarboxylic acid with polyamine. 2,324,936; July 20.
- Krogel, Christopher J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cleaning metal. 2,325,957; Aug. 3.
- Kroger, Fred H., Los Angeles, Calif., assignor to Radio Corporation of America. Communication system. 2,312,824; Mar. 2.
- Kroger Grocery & Baking Company, The. (See Lothes, Herbert G., assignor.)
- Kroger Grocery & Baking Co., The. (See McCash, N., and Schepers, assignors.)
- Krogh, Peter O., assignor to Superior Coach Corporation, Lima, Ohio. Leveling means for vehicle bodies. 2,324,587; July 20.
- Krohn, Arnold, Brockton, Mass. Trimming attachment for sewing machines. 2,331,612; Oct. 12.
- Krohn, Harvey R. (See Trapani, V., and Krohn.)
- Kroll, Nathan J. (See Kroll, S., and N. J.)
- Kroll, Samuel and N. J., Chicago, Ill. Bed structure. 2,331,480; Oct. 12.
- Kroll, William, Luxemburg, Luxemburg; vested in the Alien Property Custodian. Electrical resistance element. 2,310,094; Feb. 2.
- Kromer-Nierman Co., The. (See Kromer, W. R., and Elliott, assignors.)
- Kromer, Wallace R., and H. F. Elliott, assignors to The Kromer-Nierman Company, Cleveland, Ohio. Apparatus for automatically controlling gas pressure on beverages. 2,320,969; June 1.
- Kromer, Wallace R., and H. F. Elliott, assignors to The Kromer-Nierman Co., Cleveland, Ohio. Beverage dispenser. 2,335,595; Nov. 30.
- Kron Company, The. (See Carliss, Oswald S., assignor.)
- Kron Company, The. (See Svensson, Ernst S., assignor.)
- Krone, Howard C., River Edge, and W. Meyer, East Orange, assignors to A. W. Wheaton Brass Works, Newark, N. J. Swing joint connections for liquid loading conduit systems. 2,319,068; May 11.
- Krone, Howard C., River Edge, and W. Meyer, East Orange, assignors to Wheaton Brass Works, Newark, N. J. Self-closing valve. 2,319,069; May 11.
- Kroner, Friedrich, Berlin-Charlottenburg, Germany, assignor to Transart Aktiebolag, Gothenburg, Sweden. Press and device for the representation of objects. 2,311,946; Feb. 23.
- Kroner, Friedrich, Berlin-Charlottenburg, Germany, assignor to Transart Aktiebolag Goteborg, Sweden. Image sheet. 2,318,949; May 11.
- Krones, Friedrich. (See Bremer, H., and Krones.)
- Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,324,164; July 13.
- Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Combination switch. 2,326,040; Aug. 3.
- Kronmiller, Carl G., and W. E. Edelman, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,315,212; Mar. 30.
- Kronof, Clarence R., and A. Palmer, assignors to Crompton & Knowles Loom Works, Worcester, Mass. Thread cutter for looms. 2,315,341; Mar. 30.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Container fill checking machine. 2,324,782; July 20.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Surplus fill draw-off means. 2,324,783; July 20.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Manufacturing sheet metal cans. 2,327,437; Aug. 24.
- Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Filled container gassing apparatus. 2,330,598; Sept. 28.
- Kronquest, Alfred L., and O. A. Schmidt, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Seaming head and mounting thereon. 2,337,999; Dec. 28.
- Kronstad, Haavard, near Mahoningtown, Pa. Kiln. 2,319,548; May 18.
- Kroon, Reinout P., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade fastening. 2,326,145; Aug. 10.
- Kropa, Edward L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Copolymer of isopropenyl toluene and acrylonitrile and producing same. 2,310,961; Feb. 16.
- Kropa, Edward L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Casting of phenolic resins. 2,315,432; Mar. 30.
- Kropa, Edward L., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Plasticizer. 2,322,240; June 22.
- Kropf, Henry W., assignor to Brickner-Kropf Machine Company, Muskegon Heights, Mich. Adjustable grinding wheel dresser. 2,324,937; July 20.
- Kropp, Einar. (See Burk, R. E., and Kropp.)
- Krotz, Alvin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Resilient bushing and making the same. 2,327,113; Aug. 17.
- Krotz, Alvin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Sectional track block. 2,327,909; Aug. 24.
- Krotzer, Allen R. (See King, W. A. Kleiner, and Krotzer.)
- Krow, Cecil J., Ralston, Okla. Tire pressure indicating means. 2,313,247; Mar. 9.
- Kruea, Charles H., assignor of one-half to E. H. Creutz, and Thomas R. Support rack for cartons of bottles or the like. 2,328,913; Sept. 7.
- Kruea, Charles H., and D. H., Fort Thomas, Ky. Bottle carrier. 2,320,440; June 1.
- Kruea, Dorella H. (See Kruea, Charles H., and D. H.)
- Krueger, Albert G. (See Vaughan, F. P., Krueger, Snye, and Engel.)
- Krueger, Albert G., Green Bay, Wis., assignor to Morton White & Co., Vancouver, British Columbia, Canada. Paper roll dispenser. 2,320,740; June 1.
- Krueger, Albert G., assignor to Alwin Manufacturing Company, Green Bay, Wis. Dispensing cabinet for rolled webs of paper and the like. 2,322,456; June 22.
- Krueger, Alfred P. (See Krueger, Theodore H.)
- Krueger, Alfred P., Stratford, assignor to Derby Sealers, Incorporated, Derby, Conn. Tape serving mechanism. 2,321,398; June 8.

- Krueger, Alfred P., Stratford, and M. J. West, assignors, by mesne assignments, to Better Packages, Inc., Shelton, Conn. Tape serving mechanism. 2,333,108; Nov. 2.
- Krueger, Alfred P., Stratford, and M. J. West, assignors, by mesne assignments, to Better Packages, Inc., Shelton, Conn. Tape serving mechanism. 2,333,109; Nov. 2.
- Krueger, Edwin W., River Forest, Ill. Ring forming machine. 2,323,549; July 6.
- Krueger, Frank, Milbrae, Calif., assignor to E. W. Bliss Company, Brooklyn, N. Y. Apparatus for making can bodies. 2,309,963; Feb. 2.
- Krueger, Frank, Milbrae, Calif., assignor to E. W. Bliss Company, Brooklyn, N. Y. Seaming mechanism. 2,312,102; Feb. 23.
- Krueger, Frank, assignor to E. W. Bliss Company, Brooklyn, N. Y. Can testing machine. 2,311,115; Feb. 16.
- Krueger, Frank, assignor to E. W. Bliss Company, Brooklyn, N. Y. Can making machine. 2,317,919; Apr. 27.
- Krueger, Frank, Chicago, Ill., assignor to E. W. Bliss Company, Brooklyn, N. Y. Machine for making can bodies. 2,337,901; Dec. 24.
- Krueger, Herman S., Niagara Falls, N. Y. Insulator. 2,331,481; Oct. 12.
- Krueger, John H., Tacoma, Wash. Appliance for drying hair. 2,329,352; Sept. 14.
- Krueger, Melvin W., Madison, Wis. Side wall stack frame. 2,323,953; June 29.
- Krueger, Otto J., Western Springs, and J. Ceresio, Chicago, Ill., assignors to Masonite Corporation. Drying of distended fibrous products. 2,324,519; July 20.
- Krueger, Theodore H., Stratford, Conn., assignor to Better Packages Incorporated. Strip serving machine. 2,325,063; July 27.
- Krueger, Theodore H., Stratford, Conn., assignor to Better Packages Incorporated. Tape serving machine. 2,328,022; Aug. 31.
- Krueger, Theodore H., A. P. Krueger, Stratford, Conn., and C. H. Brand, Newton Center, Mass., assignors to Better Packages, Incorporated. Tape feeding machine. 2,309,125; Jan. 26.
- Krug, Frederick H., Mount Vernon, Wash. Method and apparatus for making photographic montages. 2,326,367; Aug. 16.
- Krug, Julius, Berlin-Wilmersdorf, and G. Braun, Berlin-Baumschulenweg, Germany, assignors to Combustion Engineering Company, Inc., New York, N. Y. Superheater arrangement and support therefor. 2,308,762; Jan. 19.
- Krukow, Blanche, Elmhurst, Ill., assignor to S & Z Manufacturing Company, Chicago, Ill. Garment. 2,308,333; Jan. 12.
- Krum, Howard L., assignor to Teletype Corporation, Chicago, Ill. Selective signaling system and apparatus. 2,317,995; May 4.
- Krum, Howard L., Beverly Hills, Calif., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,322,318; Nov. 2.
- Krummhar, William, New York, N. Y. Composition containing wood oil or citric oil. 2,319,507; May 18.
- Krummel, Charles L., Paterson, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin operated device. 2,307,140; Jan. 5.
- Kruper, Andrew P., Waterbury, Conn., assignor to Fish-Schmidt Company, Pittsburgh, Pa. Compensating spectrophotometer. 2,336,550; Dec. 14.
- Krupp, Louis, Brooklyn, assignor to Bernard Chavin and Louis Krupp, co-partners, doing business as Chavin and Krupp, New York, N. Y. Handbag. 2,327,532; Aug. 24.
- Kruppa, Erich. (See Lübbe, H. F. A., and Kruppa.)
- Kruppa, William J., Hamden, Conn., assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Pressure treatment of coking coals. 2,336,151; Dec. 7.
- Kruse, Edward H., Fort Wayne, Ind. Bobber for fish lines. 2,310,030; Feb. 2.
- Kruse, Edward H., Fort Wayne, Ind. Line guide for fishing poles. 2,319,462; May 18.
- Krüssmann, Adolf, (See Wüsch, G., and Krüssmann.)
- Kryl, G. G., Inwood, N. Y. assignor of one-third to A. Mott, Cedarhurst, N. Y. Automobile direction indicator. 2,310,793; Feb. 9.
- Kryn & Lahy (1928) Limited. (See Inglis, Charles E., assignor.)
- Krzenclessa, Walter E. H., K. G. Scheibel, and A. A. Bohmann, Dresden, Germany, vested in the Allen Property Custodian. Mechanism for controlling movements. 2,328,466; Aug. 31.
- Krzikalla, Hans. (See Reppe, W., Krzikalla, Dornheim, and Sauerbier.)
- Krzikalla, Hans. (See Thurm, A., Krzikalla, and Kirsch.)
- Kurt, Joseph E., Cromwell, Minn. Parachute release hook. 2,328,914; Sept. 7.
- Kubaugh, Le Roy M., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Rail insulator. 2,324,993; July 20.
- Kubelka, Paul, Prague-Orechovka, and E. Reiner, Prague-Dejvice, Czechoslovakia; vested in the Allen Property Custodian. Manufacture of calcium sulphate. 2,316,343; Apr. 13.
- Kubias, Fred, et al. (See Bondraeck, Frank J., assignor.)
- Kucera, Henry T., La Grange, Ill. Control apparatus. 2,333,319; Nov. 2.
- Kucera, Henry T., La Grange, Ill. Heat control apparatus. 2,311,236; Feb. 16.
- Kucera, Frank A., assignor to Union Special Machine Company, Chicago, Ill. Thread control mechanism. 2,332,920; Oct. 26.
- Kucera, Frank A., assignor to Union Special Machine Company, Chicago, Ill. Thread control mechanism. 2,332,921; Oct. 26.
- Kucera, Joseph B., Clark Township, Tama County, Iowa. Separable clamping device for harrow bars. 2,307,930; Jan. 12.
- Kucher, Joseph, assignor to Athey Truss Wheel Company, Chicago, Ill. Door operator for dump wagons. 2,329,701; June 1.
- Kucher, Joseph, assignor to Athey Truss Wheel Company, Chicago, Ill. Material handling and loading apparatus. 2,323,404; July 6.
- Kucher, Andrew A., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,311,947; Feb. 23.
- Kucher, Andrew A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,321,687; June 15.
- Kucher, Andrew A., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,321,688; June 15.
- Kucher, Andrew A., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,322,351; Aug. 31.
- Kucher, Andrew A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,332,730; Oct. 20.
- Kucher, Andrew A., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,336,549; Dec. 14.
- Kucher, Josef. (See de Kirdy, P., and Kucher.)
- Kuchel, Joseph J., Mount Prospect, Ill., assignor to Link-Belt Company. Trolley for overhead conveyers or the like. 2,333,867; Nov. 9.
- Kuckl, Vincent S., Chicago, Ill. Liquid measuring device. 2,317,068; Apr. 20.
- Kuderman, Joseph, Detroit, Mich. Diabetic and dietetic food product. 2,311,235; Feb. 16.
- Kuehn, Edward J., Bellmore, assignor to Fairchild Aviation Corporation, Jamaica, N. Y. Adjustable gun. 2,322,031; June 15.
- Kuebert, Edward J., Bellmore, and H. F. Penfold, Hollis, assignors to Fairchild Aviation Corporation, Jamaica, N. Y. Compensating device. 2,316,004; Apr. 8.
- Kuehlman, Norman V., Milwaukee, Wis., assignor to The National Lock Washer Company, Newark, N. J. Assembly machine. 2,333,940; Nov. 9.
- Kuehlman, Norman V., Milwaukee, Wis., assignor to The National Lock Washer Company, Newark, N. J. Feed mechanism for assembly machines. 2,337,667; Dec. 28.
- Kuehn, Raymond L., Hartford, Conn., assignor to The Billings & Spencer Company. Machine tool. 2,313,558; Mar. 9.
- Kuehn, Raymond L., Hartford, Conn., assignor to The Billings & Spencer Company. Machine tool. 2,315,899; Apr. 6.
- Kuehn, Raymond L., Hartford, Conn., assignor to The Billings & Spencer Company. Machine tool. 2,322,525; June 22.
- Kuehn, Raymond L., Hartford, Conn., assignor to The Billings & Spencer Company. Machine tool. 2,326,467; Aug. 10.
- Kuehn, Raymond L., Hartford, Conn., assignor to The Billings & Spencer Company. Machine tool. 2,326,541; Aug. 10.
- Kuehn, Theodore M., Nara Vlas, N. Mex. Governor attachment for impellers. 2,317,778; Apr. 27.
- Kuehn, William J., Sag Harbor, assignor of one-half to J. G. G. Merrow, New York, N. Y. Knitted glove and method of making. 2,319,141; May 11.
- Kuehn, William J., Sag Harbor, assignor of one-half to J. G. G. Merrow, New York, N. Y. Knitting machine. 2,330,285; May 25.
- Kuehner, Robert A., Detroit, Mich. Tile-buttering machine. 2,329,378; Sept. 14.
- Kuehni, Hans P., Schenectady, N. Y., assignor to General Electric Company. Thermal testing apparatus. 2,323,715; July 6.
- Kuehni, Hans P., Schenectady, N. Y., assignor to General Electric Company. Electric measuring apparatus. 2,329,541; Sept. 14.
- Kuehni, Hans P., Schenectady, N. Y., assignor to General Electric Company. Safe load indicator for crane hoists. 2,330,060; Sept. 21.
- Kuehni, Hans P., Schenectady, N. Y., assignor to General Electric Company. Thermal testing apparatus. 2,330,599; Sept. 28.
- Kuens, Walter A. (See Nave, A. E., and Kuensil.)
- Kuespert, Karlhugo. (See Ulrich, H., and Kuespert.)
- Kugel, Fritz, Heidenheim, Brenz, Germany, assignor to American Voith Contact Co. Inc., New York, N. Y. Hydraulic transmission. 2,329,915; Sept. 21.
- Kugelman, Jack. (See Garrett, Joseph E., assignor.)
- Kugelman, Jack, Abington, and J. E. Garrett, Philadelphia, Pa.; said Garrett assignor to said Kugelman. Making hosiery. Re. 2,257; Jan. 26.

- Kugler, Harry C., York, assignor to Superior Wire Cloth Company, Hungerford, Pa. Apparatus for drying wire screen. 2,328,078; Aug. 31.
- Kuhbler, Fritz. (See Schneider, W. Kuhbler, and Senger.)
- Kuhl, Frederick A. (See Boucher, C. P., and Kuhl.)
- Kuhl, Paul E., Madison, N. J., assignor to Standard Oil Development Company. Cracking process. 2,312,719; Mar. 2.
- Kuhl, Paul E., Madison, and F. R. Russell, Elizabeth, N. J., assignors to Standard Oil Development Company. Liquid level control device. 2,310,295; Feb. 9.
- Kuhles, Edward K., Wilmette, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Weight operated directional valve and control mechanism therefor. 2,322,639; June 22.
- Kuhlman, Arthur L., Ann Arbor, Mich. Electrical locking connector. 2,307,592; Jan. 5.
- Kuhn, Clarence W. (See Hodgson, H. E., and Kuhn.)
- Kuhn, Clarence W. (See Hodgson, H. E., Kuhn, and Stevens.)
- Kuhn, Clarence W., and E. W. Seeger, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Protective device. 2,310,531; Feb. 9.
- Kuhn, Ernst. (See Kallmann, H. L., Kuhn, and Eggert.)
- Kuhn, Ernst K., New York, N. Y. Extension stem for vehicle hand bars. 2,324,403; July 13.
- Kuhn, Frank, Detroit, and L. H. Thomas, Birmingham, assignors to American Electrical Heater Company, Detroit, Mich. Thermostatic unit and connection for electric irons. 2,328,152; Aug. 31.
- Kuhn, George F., Hammond, Ind., assignor to Sinclair Refining Company, New York, N. Y. Catalytic cracking apparatus. 2,327,438; Aug. 24.
- Kuhn, John J., Elizabeth, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ventilating system for telephone booths. 2,332,091; Oct. 19.
- Kuhn, Herman C., Hammond, Ind., assignor to Sinclair Refining Company, New York, N. Y. Method and apparatus for removing coke from coking chambers. 2,322,146; June 15.
- Kuhn, Max O., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for expanding and shaping annular articles. 2,324,982; July 20.
- Kuhn Max O., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Welding apparatus. 2,325,000; July 20.
- Kuhn, Richard, and E. Ströbele, Heidelberg, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. N-polyhydroxyalkylated amines of the benzene series. 2,330,222; Sept. 28.
- Kuhne, Addie N., administratrix. (See Kuhne, Bernhard G.)
- Kuhne, Bernhard G., deceased, Detroit, Mich.; A. N. Kuhne, administratrix. Fastening device for sink strainers. 2,309,851; Feb. 2.
- Kühnel, Paul. (See Clar, C., Kühnel, and Geiser.)
- Kühnert, Rudolf, Dresden, Germany; vested in the Alien Property Custodian. Motion picture reproducing system. 2,316,599; Apr. 13.
- Kuhnl, Leopold, Bridgeport, Conn., assignor to Magazine Repeating Razor Company, New York, N. Y. Razor blade magazine and blade pack therefor. 2,310,180; Feb. 2.
- Kuhnl, Leopold, Bridgeport, and J. R. Reyburn, Fairfield, Conn., assignors to Magazine Repeating Razor Company, New York, N. Y. Blade magazine. 2,316,000; Apr. 13.
- Kuhnl, Frederick C., Grand Haven, Mich. Drain valve housing. 2,323,224; June 29.
- Kuhns, Austin, and E. R. Gasser, assignors to Farrel-Birmingham Company, Incorporated, Buffalo, N. Y. Hydraulic clutch structure. 2,322,577; June 22.
- Kuhns, James H., Indianapolis, Ind. Fluorescent lamp fixture. 2,329,843; Sept. 21.
- Kulpers, Minne, Eindhoven, Netherlands; vested in the Alien Property Custodian. Discharge tube. 2,330,600; Sept. 28.
- Kulenga, Marvin H. (See Cartland, G. F., and Kulenga.)
- Kulleke, Frederick C., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Draft gear. 2,307,320; Jan. 5.
- Kulleke, Frederick C., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Draft gear. 2,307,321; Jan. 5.
- Kulka, Eugene R., Mount Vernon, N. Y. Socket. 2,319,693; May 18.
- Kulla, Michael J., Cleveland, Ohio. Angle plate for machine tables. 2,315,433; Mar. 30.
- Kullman, Alfred, and T. A. Waltz, assignors to The American Tool Works Company, Cincinnati, Ohio. Flame hardening of rack bars. 2,312,839; Mar. 2.
- Kullman, Alfred, and C. Black, assignors to The American Tool Works Company, Cincinnati, Ohio. Gear forming machine. 2,326,368; Aug. 10.
- Kumer, Albert R. (See Hinchcliff, Alfred W., assignor.)
- Kümetat, Karl. (See Arens, H. Kümetat, Walter, and Wilmanns.)
- Kümetat, Karl, Wolfen, Kreis Bitterfeld, and O. Riester, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Photographic sensitizers. 2,320,439; June 1.
- Kumler, Clifford P., Dayton, Ohio, assignor to Mathews Conveyor Company, Ellwood City, Pa. Trolley conveyor. 2,336,551; Dec. 14.
- Kunber, George A., Los Angeles, Calif., assignor to Oil Devices, Santa Fe, N. Mex. Floor furnace. 2,331,201; Oct. 5.
- Kumlin, George C., and J. W. Meckenstock, assignors to Meckum Engineering, Inc., Chicago, Ill. Dredge pump. 2,312,422; Mar. 2.
- Kumm, Arthur W., Los Angeles, Calif. Fluid transmitter. 2,331,075; Oct. 5.
- Kümmel, Paul, Oranienburg, near Berlin, Germany; vested in the Alien Property Custodian. Production of softening agents. 2,316,258; Apr. 13.
- Kuna, Josef, assignor of one-half to Brevetia Limited, London, England. Manufacturing sliding clamp fasteners. 2,307,410; Jan. 5.
- Kuntz, Howard J. (See Minaker, H. L., and Kuntz.)
- Kunze, Albert J., Cleveland, Ohio. Photographic apparatus. 2,322,032; June 15.
- Kunze, Johannes E. (See Tuchscherer, K. P., Kunze, and Harnack.)
- Kunze, Wilhelm. (See Zerweck, W., and Kunze.)
- Künzel, Karl. (See Huber, F., and Künzel.)
- Kunzelman, Edward. (See Hopp, H. P., and Kunzelman.)
- Kunzi, Karl. (See von Zelevsky, O., and Kunzi.)
- Kuo, Zing Y., Boston, Mass. Incubation of eggs. 2,328,347; Aug. 31.
- Kuperus, Jan, Eindhoven, Netherlands; vested in the Alien Property Custodian. Magnetic circuit comprising a laminated coiled core. 2,332,922; Oct. 26.
- Kupier, Otto L., assignor to Stein, Hall & Company, Inc., New York, N. Y. Resins from fused urea. 2,310,794; Feb. 9.
- Kupferschmid, Ernst, Oberschwandorf über Messkirch, Baden, Germany; vested in the Alien Property Custodian. Quickly ready pouch for snapshot cameras. 2,323,053; June 29.
- Kuphal, Henry E., Sacramento, Calif. Wooden culvert. 2,326,633; Mar. 2.
- Kupiec, Harry P. (See Overbeke, J. W., and Kupiec.)
- Kupka, Edward, Buckley, Wash. Chain saw. 2,320,082; May 25.
- Küppenbender, Heinz, Dresden, H. Eyth, and E. Jörg, Stuttgart, Germany; vested in the Alien Property Custodian. Roll-film camera. 2,335,426; Nov. 30.
- Kurgas, Walter A., assignor to E. B. Moore, St. Louis, Mo. Artificial tooth. 2,314,503; Mar. 23.
- Kurhan, Maurice, Brookline, Mass. Display box. 2,317,203; Apr. 20.
- Kurkjian, Yervant H., Hawthorne, N. J., assignor, by mesne assignments, to Jawlth Schmid, Inc., New York, N. Y. Bead forming and printing device. 2,314,716; Mar. 23.
- Kurlash Company, The. (See Tuttle, W. R., and Stickel, assignors.)
- Kurman, Nathan A., Woodside, N. Y. Relay. 2,327,533; Aug. 24.
- Kurth, Franz J. (See Honerkamp, F., Self and Kurth.)
- Kurtz, Adolph L., assignor to Chain Belt Company, Milwaukee, Wis. Digestion of sewage solids and like matter. 2,331,031; Oct. 5.
- Kurtz, Edward F., assignor to Metals & Controls Corporation, Attleboro, Mass. Protective circuit. 2,312,915; Mar. 2.
- Kurtz, Henry F. (See Boughton, O. W., and Kurtz.)
- Kurtz, Jacob, Teaneck, assignor to Callite Tungsten Corporation, Union City, N. J. Abrasive article. 2,319,331; May 18.
- Kurtz, Loron G., Brooklyn, and C. C. Ottoson, Port Richmond, Staten Island, New York. Flight mounting. 2,307,139; Jan. 5.
- Kurtz, Lowell M., Scotia, N. Y., assignor to General Electric Company. Sound stroboscope. 2,324,305; July 13.
- Kurtz, Max, New York, N. Y., assignor to Max Kurtz and Joseph M. Ross, jointly, both of New York, N. Y. Ski spreader. 2,328,069; Aug. 31.
- Kurtz, Peter, and H. Schwarz, Leverkusen-Wiesdorf, Germany; vested in the Alien Property Custodian. Manufacture of acrylic acid nitrile derivatives. 2,322,696; June 22.
- Kurtz, Peter, J. Casper, and H. Schwarz, Leverkusen-Wiesdorf, Germany; vested in the Alien Property Custodian. Separation of acrylic acid nitrile. 2,324,854; July 20.
- Kury, Philip J. (See Brewer, Charles A., assignor.)
- Kurz, Christian A., Dayton, Ohio. Fishing float. 2,322,241; Dec. 22.
- Kurzawa, Anthony M., Chicago, Ill. Resilient wheel. 2,334,936; Nov. 23.
- Kurzbin, Karl, Monterey, Calif. Canning apparatus. 2,326,146; Aug. 10.
- Kurzen, John G., Jr., assignor to Watch Tower Bible and Tract Society, Inc., Brooklyn, N. Y. Sound reproducing device. 2,316,174; Apr. 13.
- Kurzen, John G., Jr., assignor to Watch Tower Bible and Tract Society, Inc., Brooklyn, N. Y. Sound reproducing means. 2,316,175; Apr. 13.
- Kurz-Kash, Inc. (See Bauman, Joseph J., assignor.)
- Kurzina, Stanley B., Jr., Elmira, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Backpedaling brake for velocipedes. 2,314,845; Mar. 23.

- Kurzweil, Emily, and M. H. McMann, Whitestone, Long Island, N. Y. Removable cap button. 2,334,104; Nov. 9.
- Kushler, Clarence A., Detroit, Mich., assignor to Champion Spark Plug Company, Toledo, Ohio. Making spark plugs. 2,312,103; Feb. 23.
- Kuss, Ernst, H. Hohn, and F. Stietzel, Duisburg, Germany; vested in the Allen Property Custodian. Preparing zinc and chlorine. 2,337,475; Dec. 21.
- Kuss, Ralph L., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Bushing. 2,308,967; Jan. 19.
- Kutscha, Alois, Chicago, Ill. Side milling cutter. 2,322,578; June 22.
- Kutscha, Alois, Chicago, Ill. Milling cutter assembly. 2,322,579; June 22.
- Kutz, Walter M. (See Reynolds, J. W., and Kutz.)
- Kutz, Walter M., Pittsburgh, Pa., assignor to The Raelin Corporation, New York, N. Y. Making chlorinated rubber hydrochloride. 2,331,327; Oct. 12.
- Kutz, Walter M., Pittsburgh, Pa., and G. A. Webb, Akron, Ohio, assignors to The Raelin Corporation, New York, N. Y. Chlorination of rubber. 2,331,985; Oct. 19.
- Kox, Albert S., Chicago, Ill. Press for forming tablets and the like. 2,325,687; Aug. 3.
- Kuyper, Peter H., assignor to Rolscreen Company, Pella, Iowa. Window structure. 2,317,686; Apr. 27.
- Kuzmick, Paul L., Clifton, N. J., assignor to J. K. Smit & Sons, Inc., New York, N. Y. Diamond abrasive article. 2,333,429; Nov. 2.
- Kuznetsov, Erme, Brooklyn, N. Y. Mechanism for stretching for scarves and pelts. 2,333,185; Nov. 2.
- Kvalnes, Donovan E. (See Rossander, S. S., Kvalnes, and Sparks.)
- Kvalnes, Donovan E., Penns Grove, N. J., S. B. Smith, Hockessin, and C. Walling, Wilmington, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dispersible disazo dye. 2,317,387; Apr. 27.
- Kvalnes, Hamline M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Denaturants. 2,331,032; Oct. 5.
- Kvapil, Frank H., Berwyn, Ill. Hydraulic clamping device and latch. 2,313,348; May 15.
- Kvarnstrom, Alfred T., assignor to Bundy Tubing Company, Detroit, Mich. Apparatus for tube bending. 2,335,342; Nov. 30.
- Kwik Steak Machine Company. (See Larson, L. A., and Hart, assignors.)
- Kwintuple Marmalade Co. (See Ellis, David L., assignor.)
- Kyle, Colin, assignor to Jesse B. Hawley, Geneva, Ill. Apparatus for drying accreted fibrous articles. 2,321,756; June 15.
- Kyle, Samuel C., San Francisco, and I. M. White, Oakland, assignors to The Pelton Water Wheel Company, San Francisco, Calif. Hydraulic pumping jack. 2,325,138; July 27.
- Kyle, William D., Lake Forest, Ill., assignor to Line Material Company, Milwaukee, Wis. Housing for fuse boxes. 2,321,827; July 15.
- Kylin, Oskar, Cleveland Heights, assignor to Bardons and Oliver, Inc., Cleveland, Ohio. Releasing tap holder. 2,333,868; Nov. 9.
- Kynce, Lulu E., Sacramento, Calif. Chair attachment. 2,332,582; Oct. 26.
- Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Plastic composition for laminated glass interlayers. 2,327,652; Aug. 24.
- Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Aminothiazole from chloroacetal. 2,330,223; Sept. 28.
- Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Plastic composition. 2,331,328; Oct. 12.
- Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Production of esters of hydroxycyclohexanones. 2,331,329; Oct. 12.
- Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Cellulosic plastic composition. 2,331,330; Oct. 12.
- Kyska, Peter, Chicago, Ill. Combined game and amusement apparatus. 2,327,309; Aug. 17.
- L. G. S. Spring Clutches, Incorporated. (See Starkey, William C., assignor.)
- L. L. Paper Products, Inc. (See Havel, Victor, assignor.)
- L. S. D., Inc. (See Yochem, Donald E., assignor.)
- La Barre, Dwight, Birmingham, Mich., assignor, by mesne assignments, to Elastic Stop Nut Corporation, Union, N. J. Wedable nut and attachment. 2,336,791; Dec. 18.
- Labbe, James C., Broussard, and C. J. Duchamp, St. Martinville, La. Air-distribution casing. 2,323,139; June 29.
- LaBelle, Diane, G. Sills, and J. Stefano, Ottawa, Ontario, Canada. Hair curling pad. 2,334,417; Nov. 16.
- Lablin, Frank R., and S. Szulist, Buffalo, N. Y.; said Szulist assignor to said Lablin. Game. 2,310,998; Feb. 9.
- Labisky, Henry S. (See Judy, Ernest D., assignor.)
- La Bombard, Leon E., assignor to The International Paper Box Machine Company, Nashua, N. H. Method of and apparatus for folding blanks. 2,329,353; Sept. 14.
- Laboulais, Jean L., New York, N. Y., assignor to Kennedy-Van Saun Mfg. & Eng. Corporation. Pulverizing mill control system. 2,316,875; Apr. 20.
- Labour, Jean P. E., Paris, France; vested in the Allen Property Custodian. Apparatus for the extraction of liquids such as petrol and all other hydrocarbons contained in jellies or like products. 2,323,056; June 29.
- La Brecque, Theodore A., assignor to The Hillard Corporation, Elmira, N. Y. Reclaiming apparatus. 2,336,021; Dec. 7.
- Lacart, Rollin H. (See Beekley, H. L., Gilbert and Lacart.)
- La Casse, William J., assignor to The Coolerator Company, Duluth, Minn. Refrigerator. 2,328,467; Aug. 31.
- Lacerda, Harry A., Watervliet, N. Y. Firebox and combustion chamber construction. 2,335,152; Nov. 23.
- Lacey, Harold M. (See Golde, R. H., and Lacey.)
- Lacey, Harold T., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Preparation of copper phthalocyanines. 2,318,787; May 11.
- Lacey, Terry S., Atlanta, Ga. Multitemplate wall assembly bench. 2,322,368; June 22.
- Lachance, Modeste J. (See Stimpson, W. F., and Lachance.)
- La Chapelle, Euclid I., Brockton, Mass. Machine for lasting toes of boots and shoes. 2,335,772; Nov. 30.
- La Chapelle, Fred N., Beverly, assignor to Sidney H. Huberman, Boston, Mass. Shoe. 2,333,257; Nov. 2.
- La Chicotte, Walter B., Jr., Haddon Heights, N. J., assignor to Radio Corporation of America. Electric piano. 2,311,899; Feb. 16.
- Lachle, Frank B., San Mateo, assignor to The Schwarz Engineering Company, Inc., San Francisco, Calif. Recovery of sorbed oil. 2,316,005; Apr. 6.
- Lachle, Frank B., San Mateo, assignor to The Schwarz Engineering Company, Inc., San Francisco, Calif. Oil extraction. 2,325,327; July 27.
- Lachle, Frank B., San Mateo, assignor to The Schwarz Engineering Company, Inc., San Francisco, Calif. Oil extraction. 2,325,328; July 27.
- Lachle, Frank B., San Mateo, assignor to The Schwarz Engineering Company, Inc., San Francisco, Calif. Oil extraction. 2,331,785; Oct. 12.
- Lackoff, Samuel K., New York, and H. Gordon, Brooklyn, assignors to R. Goldman, New York, N. Y. Talking motion picture projector. 2,322,369; June 22.
- La Chair, Norman W. (See Matthews, E. F., and La Chair.)
- Laclede Steel Company. (See Frigberg, Bengt F., assignor.)
- Lacey, Ralph D., San Diego, Calif. Airplane stall and high-speed indicating apparatus. 2,328,384; Aug. 31.
- Lacey, Ralph D., San Diego, Calif. Airplane stall and high-speed indicating apparatus. 2,337,753; Dec. 28.
- La Crosse, Arthur H., Kenosha, Wis. Traction splint. 2,319,609; May 18.
- Lacy, D. W. (See Ackerman, Chester W., assignor.)
- Lag, James W., Dallas, assignor to Houston Engine Corporation, Fort Worth, Tex. Internal combustion engine. 2,311,311; Feb. 16.
- Ladd, Elbert C., Passaic, and W. P. ter Horst, Packanack Lake, N. J., assignors to United States Rubber Company, New York, N. Y. Reduction product of aryl dinitroso compounds. 2,339,941; Dec. 14.
- Lad, Everett W., Dedham, Mass. Combined swing and glide apparatus. 2,307,741; Jan. 5.
- Ladd, Lester L., Lockport, Ill. Kiln. 2,307,322; Jan. 5.
- La-Del Conveyor & Manufacturing Company. (See Behinger, Charles N., assignor.)
- Ladewig, Archie E., Waukesha, Wis. Bottle washing apparatus. 2,314,048; Mar. 16.
- Ladner, Lawrence A. (See Stout, F. S., Bond, and Ladner.)
- La Due, Harry J., Duluth, Minn. Target fish. 2,320,145; May 25.
- La Fair, Samuel, Philadelphia, Pa. Hair ornament. 2,334,937; Nov. 23.
- Lafferty, Robert F., Spreydon, Christchurch, New Zealand. Foot harmony last. 2,320,732; June 1.
- Laffly, Edmond G., Paris, France; vested in the Allen Property Custodian. Coupling device for the assembly of tubular elements. 2,328,468; Aug. 31.
- Laffly, Edmond G., Paris, France; vested in the Allen Property Custodian. Coupling device. 2,328,469; Aug. 31.
- Laflamme, Donat, Montreal, Quebec, Canada. Measuring instrument. 2,307,323; Jan. 5.
- Laflamme, Rene M., Hull, Quebec, assignor to Canadian Cellulose Products Company Limited, Toronto, Ontario, Canada. Cardboard container. 2,330,720; Sept. 28.
- La Forge, Frederick B., Clarendon, Va., and H. L. J. Haller, Washington, D. C., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America. Insecticide. 2,328,726; Sept. 7.
- La France, Joseph A., and D. D. Sprames, West Haven, Conn., assignors to The American Steel and Wire Company of New Jersey. Stranding or rope laying machine and its control. 2,333,941; Nov. 9.
- Lagaard, Alexander S. T. (See Holmes, W. G., Coyne, and Lagaard.)

- Lagaard, Alexander S. T., assignor to Dough-King, Inc., Minneapolis, Minn. Doughnut machine. 2,313,949; Mar. 16.
- Lagaard, Alexander S. T., assignor to Dough-King, Inc., Minneapolis, Minn. Doughnut machine. 2,332,237; Oct. 19.
- Lagerblade, Herbert C., Bristol, Conn., assignor to The Horton Manufacturing Company. Portable radio antenna. 2,335,773; Nov. 30.
- Laging, Werner E., Spring Valley, Minn. Periscope. 2,325,253; July 27.
- Lagodzinski, Harry J., Crystal Lake, assignor to Ilg Electric Ventilating Company, Chicago, Ill. Combination ventilator and drier. 2,311,943; Feb. 23.
- La Grotta, Frank, New York, N. Y., assignor to Conyer Steel & Wire Co., Incorporated. Wall clip. 2,321,671; June 15.
- La Grotta, Frank, New York, N. Y., assignor to Conyer Steel & Wire Co., Incorporated. Wall construction. 2,329,542; Sept. 14.
- La Grotta, Frank, New York, N. Y., assignor to Conyer Steel & Wire Co., Incorporated. Wall clip. 2,336,870; Dec. 14.
- La Guardia, Fiorello H., New York, T. W. Rochester, Tuckahee, H. W. Barron, Laureton, and J. T. Gibala, Little Neck, N. Y. Safety device for handling explosives. 2,315,799; Apr. 6.
- La Hodny, William, and P. Bertell, assignors to Standard Mirror Company, Buffalo, N. Y. Mounting for rear vision mirrors. 2,325,615; Aug. 3.
- Lahr, George G., and W. T. Daddow, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of N-acetyl aromatic amine. 2,337,825; Dec. 28.
- Laidig, Alfred H. (See Porter, T. R., and Laidig.)
- Lain, Cassious B., Cherryvale, Kans. Floor lamp. 2,330,061; Sept. 21.
- Laing, Alexander W., Miami, Fla. Trim tool. 2,328,153; Aug. 31.
- Laing, Gordon F. (See Haines, J. E., Laing, and Nickells.)
- Laird, Joseph P., assignor to The Wicaco Machine Corporation, Philadelphia, Pa. Oiling gun for spindles and the like. 2,308,181; Jan. 12.
- Laird, Joseph S. (See McCarrall, B. H., Shaub, and Laird.)
- Laird, R. H., Manufacturing Company, The. (See Wexler, Irving, assignor.)
- Laird, Roy A., Merced, Calif. Implement combination. 2,311,551; Feb. 18.
- Laird, William G., Maywood, assignor to Sears, Roebuck and Co., Chicago, Ill. Boot. 2,319,239; May 18.
- Lalast, Alexander, and B. M. Baldwin, Helena, Mont., assignors to Anaconda Copper Mining Company. Furnace appliance. 2,334,878; Nov. 23.
- La Jone, Hubert J. (See Perlman, Sol, assignor.)
- Lakatos, Emor. (See Hickman, C. N., and Lakatos.)
- Lake, Albert H. (See Barrows, D. S., and Lake.)
- Lake, Clair D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Printing control device. 2,325,959; Aug. 3.
- Lake, Clair D., Binghamton, and F. E. Hamilton, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Digit transmitting system. 2,325,960; Aug. 8.
- Lake, Clair D., Binghamton, and W. Pfaff, Union Center, assignors to International Business Machines Corporation, New York, N. Y. Clutch means for accumulating units. 2,328,653; Sept. 7.
- Lake, Clair D., Binghamton, and F. E. Hamilton, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Punching machine. 2,328,654; Sept. 7.
- Lake, Howard C., Cincinnati, Ohio. Game device. 2,322,526; June 22.
- Lake, John E., Schenectady, N. Y., assignor to General Electric Company. Electric contact member. 2,319,630; May 18.
- Lake, John E., Schenectady, N. Y., assignor to General Electric Company. Electric switch. 2,336,871; Dec. 14.
- Lake, Norman C., Stockton-on-Tees, assignor to Head, Wrightson & Company, Limited, Thornaby-on-Tees, England. Machine for stretching metals. 2,315,971; Apr. 6.
- Lake, Ross A., Oak Park, assignor to Teletype Corporation, Chicago, Ill. Keyboard perforator transmitter. 2,308,518; Jan. 19.
- Lake, Ross A., Oak Park, assignor to Teletype Corporation, Chicago, Ill. Keyboard perforator. 2,316,795; Apr. 20.
- Lake, Ross A., Oak Park, assignor to Teletype Corporation, Chicago, Ill. Keyboard perforator. 2,323,921; July 13.
- Lakemacher, Elmer E., assignor to Norton Lasier Company, Chicago, Ill. Doc. holder. 2,309,604; Jan. 26.
- Lakeside Bridge & Steel Company. (See Hoover, Burt E., assignor.)
- Lake State Products, Inc. (See Camburn, Elwyn A., assignor.)
- Lake State Products, Inc. (See Corwin, Howard D., assignor.)
- Lakin, John W., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Power operated window regulator. 2,332,731; Oct. 26.
- Lakin, John W., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Power operated window regulator. 2,337,902; Dec. 28.
- Lako, Samuel, Jr., Chino, Calif. Roaster. 2,317,388; Apr. 27.
- Lakowitz, Frank. (See Wedberg, F. A., and Lakowitz.)
- Lakso, Eino E. (See Hohl, J., Bjering, Lakso, and Vogt.)
- Lakso, Eino E. (See Hohl, J., Bjering, Whittier, and Lakso.)
- Lakso, Eino E. (See Vogt, C. W., and Lakso.)
- Lakso, Eino E., Fitchburg, Mass., assignor, by mesne assignments, to C. W. Vogt, Norwalk, Conn. Forming casings, bags, or the like. 2,307,890; Jan. 12.
- Lalande, William A., Jr., Upper Darby, assignor to Porcel Corporation, Philadelphia, Pa. Preparation and use of sugar refining adsorbent. 2,326,369; Aug. 10.
- Lalime, Lester J. (See Mandeville, A. E., and Lalime.)
- Lalime, Lester J., Providence, R. I., assignor to Brown and Sharpe Manufacturing Company. Truing apparatus. 2,326,661; Aug. 10.
- Lalonde, Oscar, Bronx, N. Y. Trunk lock. 2,332,238; Oct. 19.
- Lalonde, Oscar, Bronx, N. Y. Combination lock. 2,332,239; Oct. 19.
- Lamar, Alexis L., Pittsburg, Kans. Signal. 2,317,438; Apr. 27.
- Lamar, Charles. (See Harper, P. S., and Lamar.)
- Lamar, Charles C., assignor to Harper-Wyman Company, Chicago, Ill. Valve mechanism. 2,335,519; Nov. 30.
- La Mar, Charles R., Long Beach, Calif. Tone equalizing mechanism. 2,317,093; Apr. 20.
- La Mar, Frank C., Tucson, Ariz. Fuse. 2,333,942; Nov. 9.
- Lamar, Mirabeau B., Manassas, Va. Football game device. 2,335,066; Nov. 23.
- Lamar, William V., Baton Rouge, La. Baseball game. 2,308,816; Jan. 19.
- Lamatsch, Frederick. (See Huck, W. F., Lamatsch, and Heller.)
- Lamb, Anthony H., Roselle Park, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Photoelectric cell. 2,320,185; May 25.
- Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Magnetic contact. 2,324,262; July 13.
- Lamb, Ernest P., R. H. Duff, and W. F. Ploetz, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Vehicle driving means. 2,329,916; Sept. 21.
- Lamb, Francis X., East Orange, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Precision gearing. 2,313,444; Mar. 9.
- Lamb, Francis X., East Orange, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Precision gearing. 2,313,445; Mar. 9.
- Lamb, George E., Hoquiam, Wash. Conveyer. 2,315,627; Apr. 6.
- Lamb, Robert H., and R. H. Baker, assignors to The Murray Corporation of America, Detroit, Mich. Dimpling and riveting device. 2,323,814; July 6.
- Lamb, Wylie E., Oklahoma City, Okla. Oil filter. 2,331,482; Oct. 12.
- Lambach, Fritz, Fairview, N. J. Electrical control system for warping or beaming plants. 2,324,611; July 20.
- Lambach, Fritz, Fairview, N. J. Warping or beaming machine. 2,323,612; July 20.
- Lambach, Fritz, Belleville, N. J., assignor to Robert Reiner, Incorporated. Stocking blank and knitting the same. 2,322,802; June 29.
- Lamberger, Edward H., Wilkinsburg, and B. F. Langer, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Device for measuring twists of loaded shafts. 2,329,121; Sept. 7.
- Lambers, Bernard. (See Harris, L. J., and Lambers.)
- Lambert Brake Corporation, The. (See Lambert, Homer T., assignor.)
- Lambert-Carex, René, New York, N. Y. Nut guard. 2,323,058; June 29.
- Lambert, Emil, Farnham, Quebec, Canada, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Simultaneously producing double faced pile and flat fabrics. 2,333,258; Nov. 2.
- Lambert, Emile, Concordia, Kans., assignor to N. E. Walker, D. E. Walker, and L. B. Walker, doing business under name and style American Junior Aircraft Company, Portland, Ore. Gliding dart. 2,313,948; Mar. 16.
- Lambert, G. C., et al. (See Danforth, Louis, D., assignor.)
- Lambert, Harry L., Enfield, assignor to Allen Wales Adding Machine Corporation, Ithaca, N. Y. Tabulating mechanism. 2,328,560; Sept. 7.
- Lambert, Harry L., Enfield, assignor to Allen Wales Adding Machine Corporation, Ithaca, N. Y. Printing mechanism. 2,331,331; Oct. 12.
- Lambert, Harry L., Enfield, assignor to Allen Wales Adding Machine Corporation, Ithaca, N. Y. Mercury switch. 2,333,533; Nov. 2.
- Lambert, Homer T., assignor to The Lambert Brake Corporation, St. Joseph, Mich. Brake construction and adjusting means therefor. 2,320,286; May 25.
- Lambert, Jessie L. (See Conkell, Elias W., assignor.)

- Lambert, Pierre, New Rochelle, assignor to The Lummus Company, New York, N. Y. Distillation. 2,327,534; Aug. 24.
- Lambert, Roger E., Paris, France; vested in the Allen Property Custodian. Electric furnace for the manufacture of condensable products. 2,325,511; July 27.
- Lamberton, Ralph E., Michigan City, Ind., assignor to Sullivan Machinery Company, Control for power driven mechanism. 2,334,207; Nov. 16.
- Lamberton, Ralph E., assignor to Sullivan Machinery Company, Michigan City, Ind. Multiple power operated mechanism. 2,334,209; Nov. 16.
- Lamberton, Ralph E., Michigan City, Ind., assignor to Sullivan Machinery Company, Unloading mechanism. 2,334,633; Nov. 16.
- Lamberty, Frederick R. (See Bascom, H. M., and Lamberty.)
- Lambeth Products Corporation. (See Wilson, Herbert B., assignor.)
- Lambrix, Maurice A., assignor to Gear Processing, Inc., Cleveland, Ohio. Lap. 2,335,125; Nov. 23.
- Lamda, Wilhelm F. (See Youmans, E. D., and Lamda.)
- Lamesch, Armand, Herzogenrath, near Aachen, Germany; vested in the Allen Property Custodian. Fiber or filament of glass. 2,313,296; Mar. 9.
- Lamesch, Armand, Herzogenrath, near Aachen, Germany; vested in the Allen Property Custodian. Method of and apparatus for producing filaments or the like of glass and structures thereof. 2,314,944; Mar. 30.
- Lania, Joseph L., et al. (See Tyndall, Thomas N., assignor.)
- Laminated Shim Company. (See Young, Earle L., assignor.)
- Lanna, Uno, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Static current converter with voltage regulation. 2,311,839; Feb. 23.
- Lanna, Uno, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Direct current saturated inductance with relay action. 2,337,253; Dec. 21.
- Lammede, John M. (See McGrath, H. J., and Lammede.)
- Lammerding, William J., Roselle Park, N. J. Assembling and testing fixture. 2,323,057; June 29.
- Lammie, Jacob J., Long Lake, S. Dak. Bag holding device. 2,314,410; Mar. 23.
- Lamond, Robert C., assignor to American Engineering Company, Philadelphia, Pa. Hoisting apparatus. 2,316,628; Apr. 6.
- Lamont, Neil, Salt Lake City, Canada. Cleaning buildings or the like. 2,311,670; Feb. 23.
- La Monte, George, & Son. (See Smoos, Francis L., assignor.)
- Lamoureux, Lowell P., Santa Maria, Calif. Orientator. 2,329,274; Sept. 14.
- Lampe, Robert C., Springdale, Conn., assignor to Electro-Lux Corporation, Dover, Del. Vacuum cleaner. 2,324,306; July 13.
- Langston, Glen T., Williamsport, Pa., assignor, by mesne assignments, to The Aviation Corporation, New York, N. Y. Manufacture of propeller blades. 2,328,348; Aug. 31.
- Lamson Corporation. (See Knox, Samuel, L. G., assignor.)
- Lamson Corporation. (See Regan, J. E., and Klyver, assignors.)
- Lamson Oil Corporation. (See Leary, James E., assignor.)
- Lamson, Otis F., Seattle, Wash. Apparatus and method for closing abnormal openings in wall like members of the anatomy. 2,324,520; July 20.
- Lancaster, George W., Bethesda, Md. Rearview mirror. 2,315,260; Mar. 30.
- Lancaster Iron Works, Inc. (See Erickson, Aaron H., assignor.)
- Lancaster, Jeter M., High Point, N. C. Air controlled work clamping machine. 2,323,141; June 29.
- Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Gauging mechanism for shoe machines. 2,329,771; Sept. 21.
- Lance, Ernest T., and W. L. Wells, Mount Pleasant, Tex. Production of lignite briquettes. 2,310,095; Feb. 2.
- Lance, Oliver, Las Vegas, Nev. Apparatus for constructing concrete tunnel linings. 2,318,869; May 11.
- Lance, Robert C., Montpelier, Vt. Lift compensator for firearms. 2,322,370; June 22.
- Lancor, Joseph H., Jr. (See Draper, C. S., Lancor, Jr., and Tzu Li.)
- Lancot, Homer C., Anson, Maine. Sliding door operating and latching device. 2,322,457; June 22.
- Land, Edwin H., Cambridge, Mass., assignor to Polaroid Corporation, Dover, Del. Variable density window. 2,311,840; Feb. 23.
- Land, Edwin H., Cambridge, Mass., assignor to Polaroid Corporation, Dover, Del. Variable density window. 2,313,349; Mar. 9.
- Land, Edwin H., Cambridge, Mass., assignor to Polaroid Corporation, Dover, Del. Forming light-polarizing images. 2,315,373; Mar. 30.
- Land, Edwin H., Boston, Mass., assignor to Polaroid Corporation, Dover, Del. Light polarizer and manufacture. 2,319,816; May 25.
- Land, Edwin H., Cambridge, Mass., assignor to Polaroid Corporation, Dover, Del. Building construction unit comprising light-polarizing material. 2,323,059; June 29.
- Land, Edwin H., assignor to Polaroid Corporation, Cambridge, Mass. Light polarizer and manufacture. 2,328,219; Aug. 31.
- Land, Edwin H., Wellesley Farms, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Design in polarizing material and manufacturing same. 2,329,543; Sept. 14.
- Land, Edwin H., Wellesley Farms, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Signal light construction. 2,334,418; Nov. 16.
- Landa, Sarah, New York, N. Y. Multiplex pattern. 2,325,329; July 27.
- Landauer, Fred, New York, N. Y. Rest structure, particularly for use in bath tubs. 2,322,147; June 15.
- Landell, Stamford, Grosse Pointe Farms, assignor to General Motors Corporation, Detroit, Mich. Mirror. 2,311,400; Feb. 16.
- Landen, William J., Arlington, Va. Projectile. 2,326,147; Aug. 10.
- Landerholm, Axel E., New York, N. Y. Switch. 2,334,419; Nov. 16.
- Landers, Frary & Clark. (See Anderson, Oscar M., assignor.)
- Landers, Frary & Clark. (See Anderson, O. M., and Almqvist, assignors.)
- Landers, Frary & Clark. (See Kircher, Paul J., assignor.)
- Landes, Chester G., and J. T. Cassaday, Stamford, Conn., assignors to American Cynamid Company, New York, N. Y. Non crystallizing rosin size and making same. 2,309,340; Jan. 26.
- Landesman, Alfred M., and E. St. Louis, Mo. Repair of broken or damaged glassware and the like. 2,333,186; Nov. 2.
- Landesman, Eugene. (See Landesman, A. M. and E.)
- Landgraf, Frederick K. (See Greenslade, G. R., and Landgraf.)
- Landgraf, Myron J., assignor to H. J. Goldblatt, Chicago, Ill. Food mixer. 2,308,347; Jan. 26.
- Landis, Clifford H. (See Walker, J. B., and Landis.)
- Landis, Daniel O., Upper Darby, Pa., assignor to Radio Corporation of America. Sound translating apparatus. 2,325,688; Aug. 3.
- Landis, George G., University Heights, assignor to The Lincoln Electric Company, Cleveland, Ohio. Electrode holder. 2,328,000; Dec. 28.
- Landis, George G., and L. K. Stringham, University Heights, assignors to The Lincoln Electric Company, Cleveland, Ohio. Electric welding. 2,329,824; June 1.
- Landis & Gyr, A.-G. (See Ansler, Robert, assignor.)
- Landis & Gyr, A.-G. (See Pudell, Richard, assignor.)
- Landis & Gyr, A.-G. (See Weber, Ernst, assignor.)
- Landis, Henry N., assignor to La Salle Steel Company, Chicago, Ill. Steel product and the manufacture thereof. 2,320,040; May 25.
- Landis Machine Company. (See Hunteon, Cullen L., assignor.)
- Landis Machine Company. (See Mathias, Samuel W., assignor.)
- Landis Machine Company. (See Nell, Frederic, assignor.)
- Landis, Robert, Jerome, Ariz. Combustion engine. 2,320,526; June 1.
- Landis Tool Company. (See Balsiger, Harold E., assignor.)
- Landis Tool Company. (See Bolter, John A., assignor.)
- Landis Tool Company. (See Dunn, Elman R., assignor.)
- Landis Tool Company. (See Elberty, Robert S., Jr., assignor.)
- Landis Tool Company. (See Good, Harper A., assignor.)
- Landis Tool Company. (See Price, R. E., and Balsiger, assignors.)
- Landis Tool Company. (See Rice, R. E., Balsiger, and Hollengreen, assignors.)
- Landis Tool Company. (See Rocks, H. N., Hollengreen, and Balsiger, assignors.)
- Landmeier, Edwin W., Cincinnati, Ohio, assignor to The Wadsworth Electric Manufacturing Company, Covington, Ky. Switch structure. 2,316,096; Feb. 2.
- Landmeier, Edwin W., Cincinnati, Ohio, assignor to The Wadsworth Electric Manufacturing Co., Inc., Covington, Ky. Plug fuse receptacle structure. 2,326,370; Aug. 10.
- Landolt, Albert, Riehen, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Matting of textiles. 2,309,964; Feb. 2.
- Landon, Vernon D., Haddonfield, N. J., assignor to Radio Corporation of America. Automatic radio direction finder. 2,314,093; Mar. 16.
- Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Heating apparatus. 2,329,473; Sept. 14.
- Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Heating apparatus. 2,335,212; Nov. 23.
- Landon, Walter S., and P. S. Russel, assignors to Detroit Lubricator Company, Detroit, Mich. Control apparatus. 2,337,476; Dec. 21.

- Landon, William C., assignor to Wausau Motor Parts Co., Wausau, Wis. Oil control piston ring. 2,323,815; July 6.
- Land-O-Nod Company, The. (See Olson, Gilbert, assignor.)
- Landrock, Paul, Rochester, N. Y., assignor to Photostat Corporation, Providence, R. I. Sheet cutting apparatus. 2,308,086; Jan. 12.
- Landrum, Reginald F., assignor of one-half to Eyvind Svendsen, Torrington, Conn. Spark plug. 2,320,617; June 1.
- Landry, Charles A. J., Worcester, Mass. Making prosthetic articles by electrodeposition of metals. 2,335,774; Nov. 30.
- Landsidel, Harry, Wilton, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Hair retainer for shavers. 2,315,261; Mar. 30.
- Landt, Gustave E., Norristown, and J. A. Petho, Perkiomenville, Pa., assignors to Continental-Diamond Fibre Company, Newark, Del. Bearing. 2,317,920; Apr. 27.
- Landweber, Louis, Bethesda, Md. Shroud ring. 2,325,616; Aug. 3.
- Landwehr, Richard F., Laurelton, assignor to Sagamor Metal Goods Corporation, New York, N. Y. Carrying case. 2,314,717; Mar. 23.
- Landy, William R., Minneapolis, Minn. Lathe tool grinding fixture. 2,317,996; May 4.
- Lane, Arthur W., Freeport, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Erecting device for gyro-verticals. 2,326,784; Aug. 17.
- Lane, Clarence B., and E. W. Hammer, assignors to Iowa State College Research Foundation, Ames, Iowa. Method of making cheddar cheese. 2,322,148; June 15.
- Lane, Clifford H., Jr., Brooklyn, N. Y., assignor to Radio Corporation of America. Mount support and contact for electron discharge devices. 2,323,140; June 29.
- Lane, Clifford J. (See Woods, R. J., and Lane.)
- Lane Company, The. (See Crocker, Ernest C., assignor.)
- Lane, Frank B., Paragould, assignor to Lifetime Truss Company, Inc., Jonesboro, Ark. Truss. 2,318,613; May 11.
- Lane, Fred A., assignor to Lane Motors Incorporated, Shelburn, Ind. Compressor. 2,321,828; June 15.
- Lane, Gertrude E. (See Wynd, C. L. A., and Lane.)
- Lane, Guy M. (See Mackey, H. W., and Lane.)
- Lane, Harold, and W. A. Barton, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Lasting machine. 2,318,083; May 4.
- Lane, Kingston, New York, N. Y. Photographic film washing device. 2,308,519; Jan. 19.
- Lane, Madge S., Chicago, Ill. Pin. 2,314,223; Mar. 16.
- Lane, Madge S., Chicago, Ill. Pin. 2,336,103; Dec. 7.
- Lane Motors Incorporated. (See Lane, Fred A., assignor.)
- Lane, Norman B., Englewood, W. S. Mingle, Leonia, and H. H. Colson, Teaneck, N. J., assignors to Aluminum Company of America, Pittsburgh, Pa. Coil handling system and method. 2,324,855; July 20.
- Lane, Richard H., et al. (See Hicks, Lewis E., assignor.)
- Lane-Wells Company. (See Alexander, Ford L., assignor.)
- Lane-Wells Company. (See Arnold, James C., assignor.)
- Lane-Wells Company. (See Barnes, Charles H., assignor.)
- Lane-Wells Company. (See Hart, Merida L., assignor.)
- Lane-Wells Company. (See Hendrickson, Ralph E., assignor.)
- Lane-Wells Company. (See Spangler, Irl M., assignor.)
- Lane-Wells Company. (See Spencer, Lloyd, assignor.)
- Lane-Wells Company. (See Stick, John C., Jr., assignor.)
- Lane-Wells Company. (See Taylor, F. A., and Spencer, assignors.)
- Lane-Wells Company. (See Turechek, George F., assignor.)
- Lane-Wells Company. (See Turechek, G. F., and Spencer, assignors.)
- Lane-Wells Company. (See Zschokke, Arthur J., assignor.)
- Lanfare, Lee C., Toledo, Ohio. Liquid pouring. 2,311,763; Feb. 23.
- Lang, Albert, Berkeley, Calif. Casement window operator. 2,312,720; Mar. 2.
- Lang, Albert, assignor to Roll-Away Window Screen Company, Berkeley, Calif. Window screen frame. 2,312,721; Mar. 2.
- Lang, Charles W. (See Mills, J., and Lang.)
- Lang, Charles W., assignor to Enterprise Engine & Foundry Company, San Francisco, Calif. Cam grinding machine. 2,334,938; Nov. 23.
- Lang, Frederick W., Chicago, Ill., assignor to Wood Conversion Company, Cloquet, Minn. Slide rule for wall patterns and areas. 2,323,475; July 6.
- Lang, Guillermo R., Saint Gall, Switzerland. Drain pipe with seating device into masonry. 2,329,627; Sept. 14.
- Lang, Harold M., New Hyde Park, assignor, by mesne assignments, to S. Cohn & Co., New York, N. Y. First surface mirror. 2,333,534; Nov. 2.
- Lang, Henry F., assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,316,520; Apr. 13.
- Lang, Henry F., assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,355,343; Nov. 30.
- Lang, Homer V., Charlotte, N. C. Processing yarn. 2,334,420; Nov. 16.
- Lang, Joseph C., assignor to Bocil Corporation, Pittsburgh, Pa. Fuel supply and carbureting system for internal combustion engines. 2,310,739; Feb. 9.
- Lang, Joseph C., Pittsburgh, Pa., assignor to Bocil Corporation. Blind rivet. 2,328,023; Aug. 31.
- Lang, Louis. (See Schlegel, J. W., and Lang.)
- Lang, Otto. (See Niederreither, H., and Lang.)
- Lang, Paul W., Concord, N. H. Phonovision system. 2,330,225; Sept. 28.
- Lang, Paul W., Concord, N. H. Phonovision system. 2,335,864; Dec. 7.
- Lang, Richard, Ravensburg, Germany; vested in the Alien Property Custodian. Roller bearing. 2,320,618; June 1.
- Lang, Walter B., Washington, D. C. Zeroizing mechanism. 2,312,342; Mar. 2.
- Lang, William, assignor to International Business Machines Corporation, New York, N. Y. Perforated record card. 2,310,445; Feb. 9.
- Lang, William J., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Printing telegraph apparatus. 2,318,168; May 4.
- Lang, Wilmarth Y., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gauge. 2,320,938; June 1.
- Lang, Wilmarth Y., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph signal measuring apparatus. 2,322,943; June 29.
- Langbehn, Hans. (See Fiegle, W. E., and Langbehn.)
- Langbein, Werner. (See Orthner, L., and Langbein.)
- Langberg, Charles, New York, N. Y. Storing and projecting film transparencies. 2,311,056; Feb. 16.
- Langdon, Ira B., Stockton, Calif. Cigarette. 2,314,147; Mar. 16.
- Langdon, Jesse D., Los Angeles, Calif. Siphonless cock assembly. 2,312,654; Mar. 3.
- Langdon, Jesse D., Los Angeles, Calif. Flexible check valve and vacuum breaker. 2,328,382; Aug. 31.
- Langdon, Jesse D., Los Angeles, Calif. Check valve sealing means. 2,336,486; Dec. 14.
- Lange, Carl W., and K. K. Wentz, Erie, Pa., assignors to General Electric Company. Dynamoelectric machine coil support. 2,328,470; Aug. 31.
- Lange, Edward H., Baltimore, Md. Method and apparatus for removing amplitude modulation. 2,324,090; July 13.
- Lange, Emil H., Lemont, Ill. Fish grapple. 2,311,401; Feb. 16.
- Lange, Frederick E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Transformer motor. 2,322,942; June 29.
- Lange, Henry, assignor to The Quincy Stove Manufacturing Company, Quincy, Ill. Stove. 2,337,332; Dec. 21.
- Lange, Max E., Cleveland Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,331,704; Oct. 12.
- Lange, Morris, University Heights, Ohio. Collapsible combined crane and gantry. 2,311,841; Feb. 23.
- Lange, Paul H. (See Bullard, Edward P., III, and Lange.)
- Lange, William F., assignor to General Motors Corporation, Detroit, Mich. Steering wheel. 2,311,448; Feb. 16.
- Langel, Adrien L., assignor to Chicago Metallic Manufacturing Company, Chicago, Ill. Multiple baking pan. 2,323,922; July 13.
- Langel, Adrien L., assignor to Chicago Metallic Manufacturing Company, Chicago, Ill. Baking pan. 2,329,772; Sept. 21.
- Langer, Bernard F. (See Lamberger, E. H., and Langer.)
- Langer, George B., and J. R. Bridges, assignors to Lynch Corporation, Anderson, Ind. Glassware handling mechanism. 2,307,517; Jan. 5.
- Langer, John G., Philadelphia, Pa. Combination insignia handkerchief and arm band. 2,322,854; June 29.
- Langer, Theodore W., Brinkerhoff, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Soluble oil. 2,328,727; Sept. 7.
- Langford, John M., assignor to Columbian Rope Company, Auburn, N. Y. Fitting for openings in the walls of liquid containers. 2,336,552; Dec. 14.
- Langford, Le Roy, Toccoa, Ga., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. Yieldable coupling. 2,325,780; Aug. 3.
- Langhuth, Paul O., Irwin, and E. L. Harder, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Potential device. 2,310,097; Feb. 2.
- Langhuth, Paul, and S. A. Bottonari, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Potential device. 2,313,950; Mar. 16.
- Langhorst, Howard C., Dayton, Ohio. Universal shaper. 2,321,030; June 8.
- Langhammer, Carl M., Wilmington, Del., W. S. Gocher, Fairfield, and J. Jennings, Bridgeport, Conn., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Rubber product. 2,336,792; Dec. 14.

- Langley Aviation Corporation. (See Bendix, Vincent, assignor.)
- Langley, James H., Long Beach, Calif. Furnace. 2,337,053; Dec. 31.
- Langley, Marcus, Malvern, assignor to Flight Refueling Limited, Temple, London, England. Valve device. 2,335,067; Nov. 23.
- Langley, Thomas W., Osterley, assignor to Tecalemit, Limited, Brentford, Middlesex, England. Instrument for indicating the attitude and behavior of aircraft in flight. 2,310,446; Feb. 9.
- Langlois, Henry. (See McKay, William R., assignor.)
- Langlois, Harry F. (See McKay, William R., assignor.)
- Langlois, Herbert N. (See McKay, William R., assignor.)
- Langmaid, Charles T., Detroit, Mich. Fastening and locating device. 2,310,532; Feb. 9.
- Langmyer, George J., Sarnia, Ontario, Canada, and J. M. Sharp, Oil City, Pa., said Langmyer assignor to Standard Oil Development Company, said Sharp assignor to National Transit Pump & Machine Company. Conveying fluids containing solids. 2,330,751; Sept. 28.
- Langner, Heinrich. (See Binek, G., and Langner.)
- Langos, Otto A., assignor to B. A. Sterling, Chicago, Ill., deceased. S. Sterling, executrix. Curler spindle for hair wavers. 2,317,559; Apr. 27.
- Langrish, Henry W., assignor to Moline Machine Company, Limited, Deptford, London, England. Tobacco, pipe, or like leaf cutting machine. 2,314,993; Mar. 30.
- Langsner, Adolph, assignor to Eugene Dietzgen Co., Chicago, Ill. Drafting apparatus. 2,316,485; Apr. 13.
- Langsner, Adolph, assignor to Eugene Dietzgen Co., Chicago, Ill. Drafting instrument. 2,332,860; Oct. 26.
- Langsner, Adolph, assignor to Eugene Dietzgen Co., Chicago, Ill. Drafting instrument. 2,332,861; Oct. 26.
- Langston, Samuel M., Co. (See Behrens, Herbert C., assignor.)
- Langston, Samuel M., Co. (See Goetsch, Walter J., assignor.)
- Langston, Samuel M., Co. (See Sieg, Karl, assignor.)
- Langstretth, Melton. (See Aspinson, J., and Langstretth.)
- Languepin, Melques E. J., Paris, France; vested in the Allen Property Custodian. Resistance electric welding machine. 2,315,093; Mar. 30.
- Lanham, William E. (See Hexter, J., and Lanham.)
- Lanham, William E., assignor to Columbia Baking Company, Atlanta, Ga. Slicing machine. 2,317,540; Apr. 27.
- Lanigan, Alfred E. (See Brown, G. H., and Lanigan.)
- Lanigan, Francis W., Belmont, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Container. 2,329,628; Sept. 14.
- Lanigan, Francis W., Belmont, and J. G. Mark, Cambridge, assignors to Dewey and Almy Chemical Company, North Cambridge, Mass. Coating composition. 2,322,242; June 22.
- Lanigan, Francis W., Evanston, and T. F. Cass, Jr., assignors of one-half to Container Corporation of America, Chicago, Ill., and one-half to Dewey and Almy Chemical Company, Cambridge, Mass. Packaging method. 2,335,865; Dec. 7.
- Lankford, Lyle G. (See Nurnberger, J. S., and Lankford.)
- Lannan, George M. (See Tucker, J. L., and Lannan.)
- Lannen, Joseph P. (See Petersen, Louis, assignor.)
- Lanner, Paul U. (See Collinson, E. E., and Lanner.)
- Lannert, Kenneth. (See Korte, A. C., and Lannert.)
- Lannert, William H., Skokie, Ill., assignor to Chicago Pump Co. Sewage treatment system. 2,328,655; Sept. 7.
- Lannert, William H., Skokie, Ill., assignor to Chicago Pump Company. Mobile hoist. 2,337,754; Dec. 28.
- Lanphere, Clive W., New York, N. Y. Automatic transmission. 2,328,813; Sept. 7.
- Lansberry, C. V., et al. (See Gustafson, August W., assignor.)
- Lansdale, Benjamin C., assignor to Eehlin Manufacturing Company, San Francisco, Calif. Electrical measuring apparatus. 2,312,840; Mar. 2.
- Lansdowne Steel & Iron Company. (See Layton, Le Roy, assignor.)
- Lanser, Alfred H., New York, N. Y. Apparatus for preventing explosions of volatile liquids. 2,338,044; Dec. 28.
- Lansing, Arthur C., assignor to Commercial Solvents Corporation, La Grange, Ind. Solvent extraction of tung oil. 2,320,970; June 1.
- Lansing, Raymond P., Montclair, N. J., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Electrical apparatus. 2,311,764; Feb. 23.
- Lantheaume, William J., Daly City, Calif. Medical package. 2,335,015; Nov. 23.
- Lantz, Louis A., and W. Roman, assignors to The Callico Printers' Association Limited, Manchester, England. Debussing carob beans. 2,326,868; Aug. 17.
- Lantz, William H., Jr., East Orange, N. J., assignor to Cole Electric Products Co., Inc., Long Island City, N. Y. Arc interrupting device. 2,323,476; July 6.
- Lapara, Anthony P., New Orleans, assignor to Great Southern Box Company, Inc., Southport, La. Carton with interlocking bottom. 2,337,755; Dec. 28.
- Lapham, Ella M., Minneapolis, Minn. Needle for making matted fabrics. 2,318,235; May 4.
- Lapham, Evan G. (See Dunmore, F., and Lapham.)
- La Plana, Fred G., Forest Hills, N. Y., and H. S. Bosland, Paterson, N. J., assignors to Stein, Hall & Company, Inc., New York, N. Y. Emulsion for treating textiles. 2,310,705; Feb. 9.
- Lapidovsky, Piotr F., Wilmington, Del. Applying and removing antiskid chains. 2,308,619; Jan. 19.
- Lapidus, Morris, Cleveland, Ohio. Form for concrete walls, floors, or the like. 2,317,997; May 4.
- La Pierre, Cramer W. (See Mansfield, A. P., La Pierre, Janssen, and Mead, Jr.)
- La Place, Desmond R., assignor to Boell Corporation, Pittsburgh, Pa. Stapling machine. 2,308,611; Jan. 19.
- La Place, Desmond R., Beaver Falls, assignor to Boell Corporation, Pittsburgh, Pa. Stapling device. 2,328,983; Sept. 7.
- La Place, Desmond R., assignor to Boell Corporation, Pittsburgh, Pa. Fastener. 2,329,440; Sept. 14.
- La Plant-Choate Manufacturing Company. (See Austin, Ellsworth W., assignor.)
- La Plant-Choate Manufacturing Company. (See Austin, E. W., and Rockwell, assignors.)
- La Plant-Choate Mfg. Co. (See Graves, Edwin H., assignor.)
- La Pointe, Albert A. (See Mayorga, J. C., and La Pointe.)
- Lapointe Machine Tool Company, The. (See Bonnafé, Oliver W., assignor.)
- Lapointe Machine Tool Company. (See Monroe, Kenneth G., assignor.)
- Lapointe Machine Tool Company, The. (See Phaneuf, Wilrose J., assignor.)
- Laporte, Maximilian A., Brookline, Mass. Garment hanger. 2,318,084; May 4.
- La Porte, Roland M., Parkville, assignor to The Glenn L. Martin Company, Baltimore, Md. Wing gun mount. 2,331,033; Oct. 5.
- Lapp Insulator Company. (See Jenner, Ralph L., assignor.)
- Lapp Insulator Company. (See Stettinius, K. E., and Dewey, assignors.)
- Lappala, Risto P., assignor to Chr. Hansen's Laboratory, Inc., Little Falls, N. Y. Temperature indicator. 2,308,087; Jan. 12.
- Lapping, Ralph W., Salina, Kans. Lawn sprinkler. 2,313,690; Feb. 9.
- Lapschansky John, Chicago, Ill. Barrelhead for tumbling mills. 2,334,334; Nov. 16.
- Lapsley, Robert. (See Bixby, L. A., Eaton and Lapsley.)
- Lapsley, Robert, and D. S. Dence, Berrien Springs, assignors to Clark Equipment Company, Buchanan, Mich. Making friction rings. 2,319,740; May 18.
- Larabee, Benjamin, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Brick pan for boilers. 2,316,519; Apr. 13.
- Larchar, Arthur W. (See Bathis, J. H., and Larchar.)
- Larchar, Arthur W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of hollow articles from polymeric compositions. 2,317,687; Apr. 27.
- Larché, Kurt. (See Krefft, H., and Larché.)
- Large, Sylvester B., Tamaqua, and G. F. Rolland, McEunburg, Pa., assignors to Atlas Powder Company, Wilmington, Del. Detonator. Re. 2,2285; Mar. 9.
- Larionoff-Romanovsky, Vladimir S., Philadelphia, Pa. Power transmission mechanism. 2,309,911; Feb. 2.
- Larlson Compensating Axle Corporation. (See Larlson, Glenn L., assignor.)
- Larlson, Glenn L., La Grande, Oreg., assignor to Larlson Compensating Axle Corporation. Shock reducing and cushioning wheel mounting for vehicles. Re. 2,316; May 18.
- Larlson, Harry. (See Quinn, R. G., and Larlson.)
- Larkin, David, Kirkwood, assignor to Broderick & Bascom Rope Company, St. Louis, Mo. Rope clamp. 2,333,869; Nov. 9.
- Larkin, Elwood T., Amherst, assignor to Sterling Engine Company, Buffalo, N. Y. Control system for internal combustion engines. 2,324,005; July 13.
- Larkin, Frederic V., Windsor, Vt., assignor to Wingfoot Corporation, Wilmington, Del. Cord plug. 2,316,601; Apr. 13.
- Larmour, James J., West Orange, assignor to The Chilton Pen Company, Inc., Summit, N. J. Cap and clip for fountain pens. 2,318,950; May 11.
- Larmour, James J., West Orange, assignor to Plastic Inlays, Inc., Summit, N. J. Inlaid article and inlaying. 2,330,497; Sept. 28.
- La Roche, Pat., assignor, by mesne assignments, to Chicago Coin Machine Co. (not Inc.), Chicago, Ill. Ball reprojector. 2,318,169; May 4.
- Laros, R. K., Silk Co., The. (See Barney, Jerome, assignor.)
- Larrabee, Clifford P., Vandergrift, Pa. Low-alloy corrosion-resistant steel. 2,315,156; Mar. 30.
- Larriere, James, Bellrose, O. L. Scheller, Little Neck, and S. M. Jackson, Glen Head, assignors to Loose-Wiles Biscuit Company, Long Island City, N. Y. Fiberboard carton. 2,334,634; Nov. 16.
- Larson, Ernst A., assignor to The Ohio Brass Company, Mansfield, Ohio. Railroad car coupler. 2,320,619; June 1.
- Larsen, Agnew E. (See Simpson, H. A., and Larsen.)

- Larsen, Agnew E., Jenkintown, assignor to Autogiro Company of America, Willow Grove, Pa. Rotative winged aircraft. 2,324,588; July 20.
- Larsen, Alfred E. (See Bell, J. W., and Larsen.)
- Larsen, Bernard M., Elizabeth, N. J., assignor to United States Steel Corporation of Delaware. Arc welding low-carbon steel with a carbon electrode. 2,330,601; Sept. 28.
- Larsen, Earl I. (See Hensel, F. R., and Larsen.)
- Larsen, Earl I. (See Hensel, F. R., Larsen, and Swazy.)
- Larsen, Earl I., and E. F. Swazy, assignors to P. B. Malory & Co., Inc., Indianapolis, Ind. Electric contact and the like. 2,319,240; May 18.
- Larsen, Harold L. (See Burrell, P. L. H., and Larsen.)
- Larsen, Harry, and J. Kreer, San Francisco, Calif. Detachable shelf for ladders. 2,308,180; Jan. 12.
- Larsen, Henry M. (See Barkstrom, E. E., and Larsen.)
- Larsen, Jens D. (See Potgieter, F. M., and Larsen.)
- Larsen, Lewis, and E. P. Klar, Menominee, Mich., assignors to Heywood-Wakefield Company, Gardner, Mass. Chair. 2,313,559; Mar. 9.
- Larsen, Merwin J., Houghton, Mich., assignor to Central Commercial Company, Chicago, Ill. Condenser. 2,329,544; Sept. 14.
- Larsen, Arthur C., 2320 E. 2nd, Hansen, Idaho. Manure loader. 2,311,671; Feb. 23.
- Larsen, Sigrid T., Minneapolis, Minn. Boat bailer. 2,319,870; May 25.
- Larsen, Thomas H., Washington, D. C. Masonry chipping machine. 2,317,148; Apr. 20.
- Larsen, Thomas H., Washington, D. C. Forehead perspiration divider. 2,320,452; June 1.
- Larsen, Waldemar P., Dover, N. J., assignor to Wright Aeronautical Corporation, Dynamic damper counterweight. 2,307,518; Jan. 5.
- Larsh, Everett P. (See Greene, Albert D., assignor.)
- Larson, Albert, assignor to Harry Larson, Oakland, Calif. Valveless compressor. 2,334,939; Nov. 23.
- Larson, Albert D., Oklahoma City, Okla. Combination sucker rod guide and paraffin scraper. 2,307,688; Jan. 5.
- Larson, Andrew, Tacoma, Wash. Door check and holding device. 2,314,544; Mar. 23.
- Larson, Arthur G., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake means. 2,311,842; Feb. 23.
- Larson, Arthur G., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Slack adjuster. 2,337,756; Dec. 28.
- Larson, Bert E., Park Ridge, assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler firebox. 2,348,562; May 4.
- Larson, Bert E., Park Ridge, assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler. 2,321,390; June 8.
- Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Mercury switch relay. 2,325,186; July 27.
- Larson, Carl M. (See O'Connell, G. A., and Larson.)
- Larson, Carl U. (See Zinkil, R. H., Larson, and Hansen.)
- Larson, Charles, Chicago, Ill. Bag holder. 2,313,077; Mar. 9.
- Larson, David C., Yonkers, assignor to Otis Elevator Company, New York, N. Y. Switch contacts. 2,337,477; Dec. 21.
- Larson, Donald E., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Drainage apparatus. 2,307,324; July 5.
- Larson, Donald E., Chicago, Ill., assignor to Chicago Bridge & Iron Company. Vacuum relief valve. 2,310,447; Feb. 9.
- Larson, Edward S., Chicago, and E. J. Skeppstrom, Park Ridge, assignors to Teletype Corporation, Chicago, Ill. Sensing apparatus. 2,326,148; Aug. 10.
- Larson, Grover C., Chicago, Ill., assignor, by mesne assignments, to General Time Instruments Corporation, New York, N. Y. Recording mechanism. 2,307,932; Jan. 12.
- Larson, Harry. (See Larson, Albert, assignor.)
- Larson, Harry, Oakland, Calif. Automatic multiple sash window. 2,313,827; Mar. 16.
- Larson, Harry W., assignor to Art Metal Construction Company, Jamestown, N. Y. Cover for elevator door hanger mechanism. 2,320,186; May 25.
- Larson, Ivan H., New York, N. Y. Two-cycle engine. 2,337,668; Dec. 28.
- Larson, Kenneth R., Des Plaines, Ill., assignor to Snap-On Tools Corporation, Kenosha, Wis. Torque wrench. 2,312,104; Feb. 23.
- Larson, Kenneth R., Des Plaines, Ill., and G. M. Walraven, assignors to Snap-On Tools Corporation, Kenosha, Wis. Ratchet mechanism. 2,314,623; Mar. 23.
- Larson, Leonard A., Chicago, Ill., and L. W. Hart, assignors to Kwik Steak Machine Co. of America, Milwaukee, Wis. Meat tenderizing machine. 2,322,243; June 22.
- Larson, Oscar, Associated, assignor to Tide Water Associated Oil Company, San Francisco, Calif. Solvent refining. 2,337,669; Dec. 28.
- Larson, Uno L., Gary, Ind. Drain trap. 2,317,278; Apr. 20.
- Larson, Ernest A., assignor to The Ohio Brass Company, Mansfield, Ohio. Car and electric train line coupler. 2,323,060; June 29.
- La Rue, Herschel C., Ashfork, assignor of one-half to E. S. Hubbel, Paulden, Ariz. Scarifier. 2,320,365; June 1.
- Larus and Brother Company. (See Garber, Thomas H., assignor.)
- La Salle Steel Company. (See Landis, Henry N., assignor.)
- Lasher, Edward A., assignor to California Flaxseed Products Company, Los Angeles, Calif. Catalyst for drying oil polymerization. 2,335,521; Nov. 30.
- Lasher, Edward A., assignor to California Flaxseed Products Company, Los Angeles, Calif. Catalyst for polymerizing drying oils. 2,335,520; Nov. 30.
- Lasker, William W., Jr., executor. (See Lasker, W. W., and Mueller.)
- Lasker, William W., deceased, by W. W. Lasker, Jr., executor, Brooklyn, N. Y., and J. Mueller, North Bergen, N. J., assignors to Remington Rand Inc., Buffalo, N. Y. Tabulating and accounting machine. 2,323,816; July 6.
- Laskey, Clifford, Albany, Calif. Welder's electrode holder. 2,317,780; Apr. 27.
- Lasky, Bernard P., Beverly Hills, Calif. Bottle cap and closure. 2,310,299; Feb. 9.
- Lasky, Henry C., Los Angeles, Calif. Dental bridge. 2,314,094; Mar. 16.
- Lasnik, Edward. (See MacPherson, J. A., and Lasnik.)
- Lassiat, Raymond C., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Control of cyclic operations. 2,310,244; Feb. 9.
- Lassiat, Raymond C., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Contact treatment of fluids. 2,310,962; Feb. 16.
- Laster, Robert. (See Rubens, J. G., and Laster.)
- Lateur, Gaston L., San Francisco, Calif. Conical cap for collapsible tubes. 2,317,998; May 4.
- Lateur, Gaston L., San Francisco, Calif. Closure cap for collapsible tubes. 2,321,031; June 8.
- Latham, George H. (See Arnold, H. W., Dorrough, and Latham.)
- Latham, George H. (See Dorrough, G. L., and Latham.)
- Latham, Leonard. (See Finlayson, D., Greenwood, and Latham.)
- Lathers, Matthew F., Orlando, Fla. Game. 2,312,423; Mar. 2.
- Lathrop, Albert H., Asheville, assignor to American Enka Corporation, Enka, N. C. Loading beam. 2,334,335; Nov. 16.
- Lathrop, Albert H., Asheville, assignor to American Enka Corporation, Enka, N. C. Loading beam. 2,334,336; Nov. 16.
- Lathrop, Robert H., Niantic, Conn. Medicine cabinet attachment. 2,321,921; June 15.
- Latimer, George T., Harrison, N. Y., assignor to The S. S. White Dental Manufacturing Company. Flexible shaft. 2,319,409; May 18.
- Latina, Harry B., East St. Louis, Ill., assignor to Rawlings Manufacturing Company, St. Louis, Mo. Baseball glove and mitt. 2,311,949; Feb. 23.
- Latina, Harry B., East St. Louis, Ill., assignor to Rawlings Manufacturing Company, St. Louis, Mo. Baseball mitt. 2,324,219; July 13.
- Latrobe, Pierre M. L., Paris, France; vested in the Alien Property Custodian. Manufacture of decorated products permeable to the luminous rays and product obtained therefrom. 2,313,489; Mar. 9.
- Latta, Everett A., Clayton, Mo. Internal combustion engine. 2,316,697; Apr. 13.
- Latta, Isaac R., Drexel Hill, Pa., assignor to General Electric Company. Electric contact element. 2,334,562; Nov. 16.
- Latta, Lynn H., Deerfield, Ill., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Filter mechanism. 2,331,332; Oct. 12.
- Latta Syndicate Limited. (See Tull, Alan G., assignor.)
- Lau, John B., Jersey City, N. J. Nonskid shoe. 2,311,116; Feb. 16.
- Laub, Hans. (See Anderson, W. T., Jr., and Laub.)
- Laub, Harry B., East St. Louis, Ill., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Adjustable camera mount. 2,336,104; Dec. 7.
- Laubereau, Otto A. A. (See Döhrn, M., Schoeller, Laubereau, Fox, Leckzyck, and Inhoffen.)
- Lauck, Francis W., assignor to A. O. Smith Corporation, Milwaukee, Wis. Glass-lined head for tanks. 2,335,153; Nov. 23.
- Lauck, John A., South Euclid, assignor to Pump Engineering Service Corporation, Cleveland, Ohio. Pump. 2,312,655; Mar. 2.
- Lauck, John A., South Euclid, Ohio, assignor to Pesco Products Co. Pump rotor manufacture. 2,337,903; Dec. 28.
- Laucks, I. F., Inc. (See Laucks, Irving F., assignor.)
- Laucks, I. F., Inc. (See Linquist, George F., assignor.)
- Laucks, Irving F., assignor to I. F. Laucks, Inc., Seattle, Wash. Stressed panel double wall construction. 2,332,732; Oct. 26.
- Lauer, Ambrosius, Posen, and W. Lauer, Karlsruhe, Germany; vested in the Alien Property Custodian. Apparatus for contracting the ends of hollow bodies. 2,325,522; July 27.
- Laufer, Ethel E., assignor to Merck & Co., Inc., Rahway, N. J. Wax impregnated glass fabric liner and gasket seal. 2,333,535; Nov. 2.

- Lauer, Carleton J., Flint, assignor to General Motors Corporation, Detroit, Mich. Sun visor. 2,311,402; Feb. 16.
- Lauer, Henri, New York, N. Y. Frequency dividing system for electric alternating currents. 2,331,986; Oct. 19.
- Lauer, Raymond J., Cicero, assignor to The Dole Valve Company, Chicago, Ill. Valve. 2,310,963; Feb. 16.
- Lauer, Willy. (See Lauer, A. and W.)
- Lauffer, Emile, Liege, Belgium; vested in the Allen Property Custodian. Compensating device for steam or the piping. 2,313,490; Mar. 9.
- Laughlin, Charles C., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Purification of titanium carbide and similar materials. 2,310,964; Feb. 16.
- Laughlin, Foster, Dayton, Ohio. Blower for clothes pressing machines. 2,317,279; Apr. 20.
- Laughlin, Kenneth C. (See Calloun, V. R. and Laughlin.)
- Laughlin, Lester McC. (See Laughlin, C. and L. McC.)
- Laughlin, Leslie H., Orange, Mass., assignor to The L. S. Starratt Company, Athol, Mass. Gauge. 2,335,775; Nov. 30.
- Laubhuff, Alfred, Milwaukee, Wis. Cutting and folding machine. 2,328,814; Sept. 7.
- Laundry Automatic Appliances Limited. (See Ribbans, Stanley H., assignor.)
- Laurenson, Robert M. (See Blosser, H. G., and Laurenson.)
- Laurenson, Robert M., Elkhart, Ind., assignor to The Union Switch and Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,328,658; Sept. 7.
- Laurie, John J. (See Grady, Daniel W., and Laurie.)
- Lauring, Edgar A., International Falls, Minn., assignor, by mesne assignments, to Minnesota and Ontario Paper Company. Apparatus for coating. 2,332,385; Oct. 19.
- Lauritzen, Nils T. L. (See Wintzell, T., and Lauritzen.)
- Laury, Napoleon A., Round Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Preparation of chlorosulphonic acid. 2,311,619; Feb. 16.
- Lauter, Josephine, et al. (See Flanzler, J. A., and P. Bein, assignors.)
- Lauter, Philip, et al. (See Flanzler, J. A., and P. Bein, assignors.)
- Lautmann, Alfred J., assignor to Iodent Chemical Company, Detroit, Mich. Cough drop. 2,311,923; Feb. 23.
- Lautmann, Alfred J., assignor to Iodent Chemical Company, Detroit, Mich. Dispensing device. 2,329,917; Sept. 21.
- Lautmann, Alfred J., assignor to Iodent Chemical Company, Detroit, Mich. Dispensing device. 2,333,320; Nov. 2.
- Lautrette, Jean A., Paris, France; vested in the Allen Property Custodian. Treatment of crankcase oil. 2,315,861; Apr. 6.
- Lavalley, Louis J. A., Springfield, Mass. Plastic molding. 2,326,041; Aug. 3.
- Lavalley, Benjamin, Columbus, Ohio. Adjustable device for supporting wallpaper steaming pans. 2,332,240; Oct. 19.
- La Valliere, Walter, Sheboygan, Wis. Rocking chair. 2,324,091; July 13.
- Lavarack, Frederick C., Montclair, N. J., assignor to Railroad Accessories Corporation, New York, N. Y. Rail bond. 2,312,989; Mar. 2.
- Lavarack, Frederick C., Montclair, N. J., and E. M. Deems, Forest Hills, assignors to Railroad Accessories Corporation, New York, N. Y. Wire terminal. 2,326,100; Aug. 3.
- Lave, Roy E., Homewood, assignor to Apex Railway Products Co., Chicago, Ill. Hinge construction. 2,315,801; Apr. 6.
- Lavelly, Paul H., Pittsburgh, Pa., assignor to Koppers Company. Coke-oven door handling mechanism. 2,335,866; Dec. 7.
- Lavelly, Paul H., Pittsburgh, Pa., assignor to Koppers Company. Coke oven door latch-actuating apparatus. 2,335,867; Dec. 7.
- Lavett, Charles O., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Atmospheric drum drier. 2,316,176; Apr. 13.
- Lavietes, Henry J., Flushing, assignor to Henry Leonard & Thomas, Inc., Ozone Park, N. Y. Smoker's appliance. 2,313,648; Mar. 9.
- La Vigne, Joseph P., deceased, by O. M. La Vigne, administratrix, Detroit, Mich. Micrometer. 2,338,001; Dec. 28.
- La Vigne, Olive M., administratrix. (See La Vigne, Joseph P.)
- Lavin, John M., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Scaffolding. 2,311,988; Feb. 23.
- Lavin, John M., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Clamp. 2,328,815; Sept. 7.
- Lavin, Irvin, Grand Forks, N. Dak., and R. F. Schultz, East Greenville, Pa., assignors to North Dakota Board of Higher Education, as trustees for the benefit of the School of Mines of the University of North Dakota. Apparatus for recovering anhydrous sodium sulphate and similar substances. 2,334,563; Nov. 16.
- Lavino, E. J., and Company. (See Seil, Gilbert E., assignor.)
- Lavoie, Stephen D., Dayton, Ohio. Oscillatory apparatus. 2,328,561; Sept. 7.
- Law, Edgar H., Kingsbury, assignor to Rolls Razor Limited, London, England. Hair cutting or clipping machine. 2,311,552; Feb. 16.
- Law, Stanley W., St. Paul, Minn. Variable resistance unit. 2,314,793; Mar. 23.
- Lawler, Frank P., et al. (See Robinson, Mayes R., assignor.)
- Lawler, Frank P., Chicago, Ill., assignor of one-half to M. R. Robinson, Burlingame, Calif. Crane attachment for tractors. 2,322,697; June 22.
- Lawler, Jack A. (See Best, F. C., and Lawler.)
- Lawler, William J., assignor of one-half to W. R. McCormick, Milwaukee, Wis. Flush tank. 2,320,187; May 25.
- Lawman, Charles W., Motherwell, and A. R. Miller, Bridge-of-Weir, Scotland. Storage tank. 2,331,483; Oct. 12.
- Lawner, Nicholas. (See Duberstein, S., and Lawner.)
- Lawrence, Alfred A. (See Bass, S. L., and Lawrence.)
- Lawrence, Benjamin E., Chicago, Ill. Juice extractor and mixer. 2,315,018; Mar. 30.
- Lawrence, Charles K. (See Vinge, R. A., and Lawrence.)
- Lawrence, Donald M. (See Gregg, D., and Lawrence.)
- Lawrence, Ellis F., et al. (See Allen, Charles L., assignor.)
- Lawrence, Frank L., Renton, Wash. Transmission. 2,319,549; May 18.
- Lawrence, Gale E., Sebring, Ohio, assignor to Thomas M. Barclay. Chinaware stamping machine. 2,335,213; Nov. 23.
- Lawrence, James E., Beverly, Mass. Winter road sand. 2,308,289; Jan. 12.
- Lawrence, Lovell Jr., Jackson Heights, assignor to International Business Machines Corporation, New York, N. Y. Storage mechanism. 2,318,316; May 4.
- Lawrence, Raymond J., Brookfield, Ill. Gas range valve closing means. 2,314,095; Mar. 16.
- Lawrence, Robert W., assignor to Hercules Powder Company, Wilmington, Del. Explosive composition. 2,325,044; July 27.
- Lawrence, Robert W., assignor to Hercules Powder Company, Wilmington, Del. Explosive composition. 2,325,045; July 27.
- Lawrence, Russell G. (See Powers, D. H., and Lawrence.)
- Lawrence, Warren A., Hayesville, Ohio. Tailgate mechanism. 2,328,082; Aug. 31.
- Lawry, Raymond G., Chicago, and C. V. Ore, Harvey, assignors to Roberts and Schmefer Company, Chicago, Ill. Separator and valve therefor. 2,334,337; Nov. 16.
- Laws, John H., Detroit, Mich. Valve. 2,328,349; Aug. 31.
- Lawson, Elmer J. (See Tendick, F. H., and Lawson.)
- Lawson, F. H., Company, The. (See Lumley, Maurice, assignor.)
- Lawson, Herbert D., Washington, D. C. Paper fastener. 2,333,016; Oct. 26.
- Lawson, Herbert E., assignor, by mesne assignments, to Burgess Battery Company, Chicago, Ill. Dry cell and making the same. 2,307,627; Jan. 5.
- Lawson Machine and Tool Co. (See Walker, Ralph H., assignor.)
- Lawson, Paul J., Columbus, Ohio. Treating meat trolleys. 2,310,585; Feb. 9.
- Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitted fabric. 2,313,446; Mar. 9.
- Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitting. 2,333,870; Nov. 9.
- Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for use in the manufacture of shoes. 2,332,651; Oct. 26.
- Lawson, Robert H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening inserting machine. 2,334,715; Nov. 23.
- Lawson, Shelby D. (See Henry R. W., Montgomery, and Lawson.)
- Lawson, Shelby D., Phillips, Tex., assignor to Phillips Petroleum Company. Dewaxing lubricating oils. 2,335,427; Nov. 30.
- Lawson, Shelby D., Borger, Tex., and R. W. Henry, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dewaxing lubricant stocks. 2,314,994; Mar. 30.
- Lawyer, Ira B. (See Ernst, Walter, and Lawyer.)
- Lawyer, Ira B. (See Muller, J. A., and Lawyer.)
- Lawyer Cooperative Publishing Company. (See Henderson, Howard J., assignor.)
- Lazo, Ed., Riverside, Ill. Beam compass. 2,309,514; Jan. 26.
- Lay, Carlton E., Akron, Ohio. Change return mechanism for vending machines. 2,309,873; Feb. 2.
- Lay, Charles H., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,328,657; Sept. 7.
- Layle, Fred N. (See Schaffer, W. J., and Layle.)
- Layne-Northern Company. (See Gunderson, Norris E., assignor.)
- Layne, Edwin T., assignor to The Polymerization Process Corporation, Jersey City, N. J. Hydrocarbon conversion. 2,307,689; Jan. 5.

- Layng, Edwin T., assignor to The Polymerization Process Corporation, Jersey City, N. J. Polymerization of olefins and catalyst therefor. 2,310,161; Feb. 2.
- Layng, Edwin T., and L. C. Rubin, assignors to The M. W. Kellogg Co., Jersey City, N. J. Aromatization. 2,320,147; May 25.
- Layng, Edwin T., Jersey City, N. J., and R. F. Marschner, Chicago, Ill. assignors of one-half to Standard Oil Company and one-half to The M. W. Kellogg Company. Dehydroaromatization. 2,324,165; July 13.
- Layng, Edwin T., Jersey City, L. C. Rubin, West Caldwell, N. J., and R. F. Ruthruff, Chicago, Ill., assignors to The Polymerization Process Corporation, Jersey City, N. J. Conversion of hydrocarbons. 2,336,793; Dec. 14.
- Laystrom, C. A., et al. (See Barna, Joseph W., assignor.)
- Laystrom, Carl A., et al. (See Barna, Joseph W., assignor.)
- Layton, Arthur C., Tyler, Tex. Valve. 2,318,236; May 4.
- Layton, Le Roy, Lansdowne, assignor to Lansdowne Steel & Iron Company, Morton, Pa. Device for applying back pressure to forgings in drawbench passes. 2,335,154; Nov. 23.
- Lázaga, Francisco F., La Viora, Habana, Cuba. Progressive speed ratio transmission. 2,309,912; Feb. 2.
- Lazar, Arthur, Berkeley, and T. F. McCormick, Piedmont, assignors to Tide Water Associated Oil Company, San Francisco, Calif. Recovery of phenolic compounds from petroleum. 2,331,034; Oct. 5.
- Lazar, Arthur, and P. M. Ruedrich, Berkeley, and R. Le R. Frazier, Concord, Calif., assignors to Tide Water Associated Oil Company. Lubricant. 2,329,474; Sept. 14.
- Lazzell, Archie E., assignor to Reeves Pulley Company, Columbus, Ind. Belt splice. 2,330,434; Sept. 28.
- Lazzell, Archie E., assignor to Reeves Pulley Company, Columbus, Ind. Wedge-plate belt splice. 2,330,435; Sept. 28.
- Lea, George D., Downers Grove, and J. S. Stull, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,328,383; Aug. 31.
- Lea Manufacturing Co., The. (See Jarm, E. C., and Verzier, assignors.)
- Lea, Norman, Brentwood, England, assignor to Radio Corporation of America. Frequency variation compensation circuit. 2,310,797; Feb. 9.
- Lea, Percy R., Stockton, Calif. Controllable pitch propeller. 2,316,438; Apr. 13.
- Lea, Walter A., Los Angeles, and E. V. Ehrhardt, Altadena, Calif. Lighter for orchard heaters. 2,333,187; Nov. 2.
- Leach, Albert E., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Transmission control. 2,334,421; Nov. 16.
- Leach Company. (See Lee, Herman C., assignor.)
- Leach, Anna M., executrix. (See Hillix, F. F., and Leach.)
- Leach, Edward A., Schenectady, N. Y., assignor to General Electric Company. Relay. 2,314,885; Mar. 30.
- Leach, Elden E. (See Limbert, R. J., and Leach.)
- Leach, Frederic J. (See Hillix, F. F., and Leach.)
- Leach, John M., Froedrichsburg, assignor to Filatex Corporation, New York, N. Y. Process and apparatus for handling elastic filamentary material. 2,317,921; Apr. 27.
- Leach, Ralph W. E. (See Ritchie, Bradford S., assignor.)
- Leaf, Sol S., assignor to Overland Candy Corporation, Chicago, Ill. Machine for making cream filled wafers. 2,316,259; Apr. 13.
- Leaf, Walter K., Denver, Colo. Foam retarding means and method. 2,329,366; June 1.
- Leahy, Richard A., Long Beach, Calif. Vibrating screen. 2,329,773; Sept. 21.
- Leake, James M., Toledo, Ohio, assignor to Toledo Stamping and Manufacturing Company. Driving hub for pulleys or gears. 2,321,829; June 15.
- Leake, John B., Maywood, Ill. Safety means for aircraft. 2,320,146; May 25.
- Leamon, James P. (See Elfner, Henry L., assignor.)
- Leape, Charles B., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Abrasion tester for wire coatings. 2,329,062; Sept. 7.
- Lear Avia, Inc. (See Lear, William P., assignor.)
- Lear, Earl B., Garfield Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Bucking bar. 2,319,003; May 11.
- Lear, Earl B., Garfield Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Plate fastening device. 2,328,818; Sept. 7.
- Lear, William P., Dayton, Ohio, assignor, by mesne assignments, to Lear Avia, Inc., Piqua, Ohio. Automatic radio direction indicator. 2,308,521; Jan. 19.
- Lear, William P., Dayton, assignor, by mesne assignments, to Lear Avia, Inc., Piqua, Ohio. Electronic control circuit. 2,308,620; Jan. 19.
- Lear, William P., Dayton, assignor, by mesne assignments, to Lear Avia, Inc., Piqua, Ohio. Radio apparatus. 2,309,323; Jan. 26.
- Lear, William P., assignor, by mesne assignments, to Lear Avia, Inc., Piqua, Ohio. Drag device for antennas. 2,317,622; Apr. 27.
- Lear, William P., Dayton, Ohio, assignor, by mesne assignments, to Lear Avia, Inc., Piqua, Ohio. Directional radio system. 2,317,922; Apr. 27.
- Lear, William P., Dayton, assignor, by mesne assignments, to Lear Avia, Inc., Piqua, Ohio. Mechanical actuator system. 2,319,463; May 18.
- Lear, William P., Dayton, assignor, by mesne assignments, to Lear Avia, Inc., Piqua, Ohio. Aircraft navigation instrument. 2,321,606; June 15.
- Lear, William P., Dayton, assignor, by mesne assignments, to Lear Avia, Inc., Piqua, Ohio. Radio navigation system. 2,323,337; July 6.
- Lear, William P., Dayton, assignor, by mesne assignments, to Lear Avia, Inc., Piqua, Ohio. Quadrantal error corrector system. 2,320,226; Sept. 28.
- Lear, William P., Dayton, assignor, by mesne assignments, to Lear Avia, Inc., Piqua, Ohio. Quadrantal compensator. 2,336,361; Dec. 7.
- Learnard, Harry D., Andover, N. A. Sykes, Methuen, and A. R. Wachter, Reading, assignors to Pacific Mills, Lawrence, Mass. Fabric treatment. 2,310,245; Feb. 9.
- Leary, Dorothy H., Waterbury, Conn. Maternity nightgown. 2,324,878; July 20.
- Leary, James E., Cranston, R. I., assignor to Lamson Oil Corporation. Wall unit for oil tank installation. 2,319,410; May 18.
- Leatherman, Earl R., assignor to General Motors Corporation, Dayton, Ohio. Gauging apparatus. 2,331,987; Oct. 19.
- Leatherman, Jerry M., Akron, Ohio. Saw handle. 2,307,411; Jan. 5.
- Leatherman, Jerry M., Akron, Ohio. Bottle closure. 2,322,527; June 22.
- Leatherman, Martin, Hyattsville, Md. Fireproofing composition. 2,326,233; Aug. 10.
- Leathers, Chester F., and G. E. Undy, assignors to Progressive Welder Company, Detroit, Mich. Welding method and apparatus. 2,329,122; Sept. 7.
- Leathers, Ward, Brooklyn, N. Y. Cigarette making machine. 2,319,611; May 18.
- Leathers, Ward, Brooklyn, N. Y., assignor, by mesne assignments, to International Business Machines Corporation. Electrical take-off device for meters. 2,307,520; Jan. 5.
- Leathers, Ward, Brooklyn, N. Y., assignor, by mesne assignments, to International Business Machines Corporation. Register mechanism for indicating instruments. 2,310,300; Feb. 9.
- Leathers, Ward, Brooklyn, N. Y., assignor, by mesne assignments, to International Business Machines Corporation. Automatic meter-reading apparatus. 2,314,719; Mar. 23.
- Leathers, Ward, Brooklyn, N. Y., assignor, by mesne assignments, to International Business Machines Corporation. Automatic meter-reading apparatus. 2,314,720; Mar. 23.
- Leathers, Ward, Brooklyn, N. Y., assignor, by mesne assignments, to International Business Machines Corporation. Register operating mechanism. 2,319,411; May 18.
- Leathers, Ward, Brooklyn, N. Y., assignor, by mesne assignments, to International Business Machines Corporation. Automatic meter-reading apparatus. 2,319,412; May 18.
- Leathers, Ward, Brooklyn, assignor to International Business Machines Corporation, New York, N. Y. Automatic meter reading apparatus. 2,321,922; June 15.
- Leathers, Ward, Brooklyn, assignor to International Business Machines Corporation, New York, N. Y. Tape perforating apparatus. 2,325,961; Aug. 3.
- Leathers, Ward, Brooklyn, assignor to International Business Machines Corporation, New York, N. Y. Meter reading apparatus. 2,330,980; Oct. 5.
- Leathers, Ward, Brooklyn, assignor to Quadrex Corporation, New York, N. Y. Vacuum cleaner. 2,333,017; Oct. 26.
- Leathers, Ward, Brooklyn, assignor to Quadrex Corporation, New York, N. Y. Vertical-axis canister-type vacuum cleaner. 2,333,018; Oct. 26.
- Leathers, Ward, Brooklyn, N. Y., assignor, by mesne assignments, to International Business Machines Corporation. Telemeter-reading device. 2,333,321; Nov. 2.
- Leathers, Ward, Brooklyn, and A. Gold, New York, N. Y., assignors, by mesne assignments, to International Business Machines Corporation. Accounting apparatus. 2,314,718; Mar. 23.
- Leathers, Ward, Hawthorn, N. J., assignor to Quadrex Corporation, New York, N. Y. Flexible hose and forming the same. 2,320,367; June 1.
- Leathers, Ward, Hawthorn, N. J., assignor to Quadrex Corporation, New York, N. Y. Vacuum cleaner electric indicator. 2,320,368; June 1.
- Leathers, Ward, and J. Haddad, Brooklyn, assignors to International Business Machines Corporation, New York, N. Y. Method of and apparatus for producing tapped resistors. 2,319,413; May 18.
- Leathers, Ward, and J. Haddad, Brooklyn, N. Y., and W. J. A. Bailey, Packanack Lake, N. J., assignors to International Business Machines Corporation, New York, N. Y. Method of and apparatus for verifying perforated records. 2,319,414; May 18.
- Leathers, Ward, and J. Haddad, Brooklyn, assignors to International Business Machines Corporation, New York, N. Y. Meter reading apparatus. 2,325,409; July 27.

- Leavens, Robert E., Houston, Tex. Cutter. 2,329,918; Sept. 21.
- Leavitt, James P. H., Wayne, and E. W. Wells, Philadelphia, Pa., assignors to Container Corporation of America, Chicago, Ill. Container. 2,330,294; Sept. 28.
- Leavitt Machine Company, The. (See Dexter, Frederick A., assignor.)
- Leavy, Abraham, New York, N. Y., and J. Ippolito, Paterson, N. J. Plocked material. 2,310,965; Feb. 16.
- Leavy, Joseph B., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Adhesive tape. 2,310,740; Feb. 9.
- Lebach, Hans H., assignor to Havco Corporation, Newark, Del. Preparing phenolic resin compositions. 2,319,142; May 11.
- Lebedeff, Yuril E. (See Betterton, J. O., and Lebedeff.)
- Lebedeff, Yuril E. (See Betterton, J. O., Lebedeff, and Hall.)
- Le Bert, Charles A., Evangeline, assignor of one-half to C. V. Radke, Jennings, La. Scoop. 2,335,385; Nov. 2.
- Le Blanc, Edmond, Montreal, Quebec, Canada. Animated toy. 2,325,689; Aug. 3.
- Le Blanc, Frank, St. Albans, Vt. Combined siphon and circulator for steam boilers. 2,326,869; Aug. 17.
- Le Bleu, Charles, Los Angeles, Calif. Scraper. 2,307,933; Jan. 12.
- Le Bleu, Charles, Los Angeles, Calif. Scraper. 2,322,458; June 22.
- Le Bleu, Charles, Los Angeles, Calif. Pertaining to garbage disposal. 2,323,611; July 6.
- Le Blond, R. K., Machine Tool Company, The. (See Groene, William L., assignor.)
- Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Bacon, assignors.)
- Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Meyer, assignors.)
- Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Siekmann, assignors.)
- Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Strooban, Jr., assignors.)
- Le Blond, R. K., Machine Tool Company, The. (See Meyer, Walter R., assignor.)
- Le Blond, R. K., Machine Tool Company, The. (See Pierle, Henry C., assignor.)
- Lebo, William H., and R. L. Simpson, Kansas City, Mo. Relief valve. 2,317,923; Apr. 27.
- Le Brun, Rosario W., Waterloo, N. Y. Dial indicator attachment. 2,322,033; June 15.
- Le Bus, Frank L., Longview, Tex. Whiplstock deflecting tool. 2,312,656; Mar. 2.
- Le Bus, Franklin L., Longview, Tex. Contour grinder tool. 2,308,182; Jan. 12.
- Le Bus, Franklin L., Longview, Tex. Wall core scraper. 2,315,629; Apr. 6.
- Lebus, William A., assignor to Protectoseal Company of America, Inc., Chicago, Ill. Safety wash tank. 2,313,350; Mar. 9.
- Leck, Karl R., Chicago, Ill. Can opener. 2,317,541; Apr. 27.
- Leckinger's Machine & Experimental Co. (See Mitchell, Malcolm E., assignor.)
- Lecky, Herbert S., assignor to Purdue Research Foundation, West Lafayette, Ind. Rectifying column. 2,317,101; Apr. 20.
- Leckzyck, Erich. (See Döhrn, M., Schoeller, Laubereau, Fox, Leckzyck, and Inhoffen.)
- Le Clair, Titus G., Chicago, Ill. Automatic printing metering system. 2,313,752; Mar. 16.
- Le Claire, Eugene J., assignor to H. F. Joesting, St. Paul, Minn. Portable sterilizer. 2,335,681; Nov. 30.
- Leclerc, Albert A. (See Cousin, Walter F., assignor.)
- Le Comte, Victor K., Hollis, N. Y. Floating signal. 2,328,916; Sept. 7.
- Lectrocent Corporation Limited. (See Le Roy, Adrian E. and J., assignors.)
- Ledbetter, Ila. (See Ledbetter, William H. and Ila.)
- Ledbetter, James C., New York, N. Y. Steam pressing iron. 2,323,225; June 29.
- Ledbetter, William H. and I., Muskegon, Mich. Table cabinet. 2,315,862; Apr. 6.
- Lederle Laboratories, Inc. (See Carlson, Gustaf H., assignor.)
- Lederle Laboratories, Inc. (See Carlson, G. H., and Baker, assignors.)
- Lederle Laboratories, Inc. (See Carlson G. H., and Hotchkiss, assignors.)
- Lederle Laboratories, Inc. (See Coca, Arthur F., assignor.)
- Lederle Laboratories, Inc. (See Oleson, Jerome J., assignor.)
- Lederle Laboratories, Inc. (See Price, R. W., and Carlson, assignors.)
- Lederle Laboratories, Inc. (See Tiesler, Adolph E., assignor.)
- Ledin, Charles. (See Golden, A. H., and Ledin.)
- LeDuc, Marc, Antioch, Calif. Production of a metarsenite. 2,319,777; May 25.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Truck bolster suspension. 2,329,085; May 25.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Railway truck and brake mechanism therefor. 2,320,086; May 25.
- Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Automobile, especially running gear for same. 2,329,545; Sept. 14.
- Lee, Arthur L. (See Arentzen, E. M., and Lee.)
- Lee, Arthur L., Oakmont, assignor, by mesne assignments, to Joy Manufacturing Company, Franklin, Pa. Vehicle mounting structure. 2,316,521; Apr. 13.
- Lee, Arthur L., Oakmont, assignor, by mesne assignments, to Joy Manufacturing Company, Franklin, Pa. Vehicle drive. 2,317,623; Apr. 27.
- Lee, Arthur L., Oakmont, Pa., assignor, by mesne assignments, to Goodman Manufacturing Company, Chicago, Ill. Mining machine carrier. 2,323,817; July 6.
- Lee, Arthur L., Oakmont, Pa., assignor, by mesne assignments, to Goodman Manufacturing Company, Chicago, Ill. Mining machine truck. 2,331,484; Oct. 12.
- Lee Bros. Hats, Inc. (See Fabian, C. F., and Lee, assignors.)
- Lee, Catherine W., Los Angeles, Calif. Safety garment for infants. 2,316,002; Apr. 13.
- Lee, Charles M. (See Nowack, C. F., and Lee.)
- Lee, Charles M., assignor to Eastman Kodak Company, Rochester, N. Y. Enlarger lens and diaphragm assembly. 2,322,034; June 15.
- Lee, Clarence B., and C. W. Wallhausen, Morristown, N. J., assignors to United States Radium Corporation, New York, N. Y. Luminous marker. 2,324,521; July 20.
- Lee, Edward C., and J. E. Ahlberg, assignors to Universal Oil Product Company, Chicago, Ill. Treatment of hydrocarbons. 2,316,260; Apr. 13.
- Lee, Floyd B., et al. (See Rouse, Benjamin H., assignor.)
- Lee, Frank H., Company, The. (See Fabian, Constantine F., assignor.)
- Lee, George W., Willow Springs, N. C. Plow. Re. 22,304; Apr. 20.
- Lee, Gerhard M., Aurora, Ill. Multiple match book case. 2,309,965; Feb. 2.
- Lee, Harry. (See Müller, R., and Lee.)
- Lee, Harry E., Oswego, assignor to St. Regis Paper Company, New York, N. Y. Method of and apparatus for superposing and severing webs. 2,307,142; Jan. 5.
- Lee, Harry E., and F. M. Holter, Oswego, assignors to St. Regis Paper Company, New York, N. Y. Method and apparatus for folding valves in the corners of bags and closing the ends of the bags by sewed seams. 2,332,324; Oct. 19.
- Lee, Harry S., Plymouth, Mich. Method and apparatus for handling and dispensing food products. 2,311,843; Feb. 23.
- Lee, Hartley B., Berkeley, Calif. Safety coupling for sucker rods. 2,321,215; June 8.
- Lee, Henry R. (See Wuerz, A. J., Lee, and Buxbaum.)
- Lee, Henry R., Pitman, N. J., and C. A. Young, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the anthraquinone series. 2,314,356; Mar. 23.
- Lee, Herman C., assignor to Leach Company, Oshkosh, Wis. Refuse collector. 2,335,155; Nov. 23.
- Lee, Horace N., New York, N. Y., assignor to Sullivan Machinery Company. Plural power operated mechanism. 2,334,208; Nov. 16.
- Lee, James B. (See Fabian, C. F., and Lee.)
- Lee, John. (See Mead, M. W., Jr., and Lee.)
- Lee, John G., Farmington, and E. Beisel, Fairfield, assignors to United Aircraft Corporation, East Hartford, Conn. Aerodynamic brake. 2,332,465; Oct. 19.
- Lee, John O., and A. C. Campfield, Swannanoa, N. C. Pattern mechanism for looms. 2,315,863; Apr. 6.
- Lee, Kenyon F., trustee. (See Bell, David B., assignor.)
- Lee, Leonard P. (See Tippen, Frank J., assignor.)
- Lee, Leonard P., L. Hathaway, and A. Sawbridge, Coventry, England, assignors to Coventry Climax Engines Limited. Engine-driven centrifugal pump. 2,330,498; Sept. 28.
- Lee, Marion H., assignor to Briggs Manufacturing Company, Detroit, Mich. Press. 2,307,594; Jan. 5.
- Lee, Marvin, Rye, N. Y., assignor to Burndy Engineering Company, Inc. Multiple cable connector. 2,307,690; Jan. 5.
- Lee, Marvin, Rye, N. Y., assignor to Burndy Engineering Company, Inc. Hinged connector. 2,308,698; Jan. 19.
- Lee, Marvin, Rye, N. Y., assignor to Burndy Engineering Company, Inc. Hydraulic tool fluid reservoir. 2,308,605; Jan. 23.
- Lee, Milton W., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Acid treatment of oils. 2,337,826; Dec. 28.
- Lee, Oliver H., Port Clinton, Pa. Nonrefillable bottle. 2,307,325; Jan. 5.
- Lee, Paul R., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermostat. 2,320,873; June 1.
- Lee, Paul R., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermostat. 2,331,202; Oct. 5.
- Lee, Paul R., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermostatic switch. 2,333,536; Nov. 2.
- Lee, Pyungtoo W., and C. Dietz, York, Pa., assignors to The Dentists' Supply Company of New York, New York, N. Y. Dental investment material. 2,333,430; Nov. 2.
- Lee, Reuben. (See Hutcheson, J. A., and Lee.)

- Lee, Reuben, Catonsville, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Filter circuit. 2,308,013; Jan. 12.
- Lee, Reuben, Catonsville, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Telephone circuit. 2,308,014; Jan. 12.
- Lee, Robert E. (See Ratcliff, R. G., and Lee.)
- Lee, Robert E., Coleman, Tex., assignor, by mesne assignments, to J. H. Reynolds. Determining the tectonics and nature of subsurface geology. 2,313,384; Mar. 9.
- Lee, Robert E., Toledo, Ohio, assignor to The Hettrick Manufacturing Company. Hunting coat. 2,314,226; Mar. 16.
- Lee, Robert E., Toledo, Ohio, assignor to The Hettrick Manufacturing Company. Convertible jacket. 2,320,783; June 1.
- Lee Rubber & Tire Corporation. (See Carlin, James C., assignor.)
- Lee Rubber & Tire Corporation. (See Limbert, R. J., and Glaser, assignors.)
- Lee Rubber & Tire Corporation. (See Limbert, R. J., and Leuch, assignors.)
- Lee, Roger K., Highland Park, assignor to American Seating Company, Grand Rapids, Mich. Chair. 2,331,203; Oct. 6.
- Lee, Russell. (See Petry, T. A., Noll, and Lee.)
- Lee, Russell, Wenonah, and H. K. Holm, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Separation of hydrocarbons. 2,319,094; May 18.
- Lee, Samson D., Sarasota, Fla. Sanding machine. 2,309,913; Feb. 2.
- Lee, Virgil E. (See Holand, D. C., and Lee.)
- Lee, Virginia S., Quantico, Va. Combined valance and drapery and curtain supporting means. 2,329,546; Sept. 14.
- Lee, William M., Kew Gardens, and C. B. Erikson, assignor to The Arabol Manufacturing Company, New York, N. Y. Chemical composition. 2,320,087; May 25.
- Leece, Bennett M., Shaker Heights, assignor to The Leece-Neville Company, Cleveland, Ohio. Regulator unit and mounting. 2,314,225; Mar. 16.
- Leece-Neville Company, The. (See Leece, Bennett M., assignor.)
- Leeds, Jules C., Deal, N. J., assignor to The Manhattan Shirt Company, New York, N. Y. Combination sport and dress shirt. 2,310,899; Feb. 9.
- Leeds, Laurence M., Rotterdam Junction, and M. W. Scheldorf, Schenectady, N. Y., assignors to General Electric Company. High frequency antenna system. 2,324,462; July 13.
- Leeds and Northrup Company. (See Clark, William R., assignor.)
- Leeds & Northrup Company. (See Davis, Elwood T., assignor.)
- Leeds and Northrup Company. (See Doyle, Edgar D., assignor.)
- Leeds & Northrup Company. (See Finch, Donald I., assignor.)
- Leeds & Northrup Company. (See Harsch, John W., assignor.)
- Leeds & Northrup Company. (See Peters, Jacob C., assignor.)
- Leeds and Northrup Company. (See Ross, Raymond W., assignor.)
- Leeds & Northrup Company. (See Schock, J. F., and Broomell, Jr., assignors.)
- Leeds & Northrup Company. (See van Wert, Leland R., assignor.)
- Leeds & Northrup Company. (See Williams, Albert J., Jr., assignor.)
- Leedy, Carroll E. (See Rigby, E. F., and Leedy.)
- Leekey, Robert M., Philadelphia, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Water-alcohol solutions of amino acid-diamine-dibasic acid interpolymers. 2,320,088; May 25.
- Leemhuis, Johannes C. P., Los Angeles, Calif., assignor, by mesne assignments, to Edward J. Donaldson, Johannesburg, Transvaal, Union of South Africa. Molding. 2,327,439; Aug. 24.
- Leemhuis, Johannes C. P., Los Angeles, Calif., assignor, by mesne assignments, to E. J. Donaldson, Johannesburg, Union of South Africa. Building corner structure. 2,325,945; Dec. 7.
- Leer, Joseph. (See Haaker, Henry W., assignor.)
- Leermakers, John A. (See Carroll, B. H., and Leermakers.)
- Leermakers, John A. (See Fallesen, G. E., and Leermakers.)
- Leermakers, John A., and S. S. Fierke, assignors to Eastman Kodak Company, Rochester, N. Y. Incorporation of couplers in nongelatin emulsions. 2,318,788; May 11.
- Lees-Bradner Company, The. (See Schurr, Charles H., assignor.)
- Lees-Bradner Company, The. (See Schurr, C. H., and Warner, assignors.)
- Leeson, William M., Glens Falls, assignor to The Sandy Hill Iron & Brass Works, Hudson Falls, N. Y. Paper making apparatus. 2,321,830; June 15.
- Leete, William C., Longmeadow, Mass. Obtaining chlorine. 2,331,402; Oct. 12.
- Lefebvre, Edward A., Jamaica, N. Y. Electric switch. 2,315,262; Mar. 30.
- Lefebvre, Edward A., Jamaica, N. Y. Outlet box, switch box, and the like. 2,320,621; June 1.
- Lefebvre, Victor, London, England, assignor to Imperial Chemical Industries Limited. Partition construction. 2,325,254; July 27.
- Le Febvre, Alfred L. (See Cave, H., and Le Febvre.)
- Le Febvre Alfred L. (See Jones, J. B., and Le Febvre.)
- Lefebvre, Odolon, New York, N. Y. Check and coupons. 2,334,777; Nov. 23.
- Lefere, Aldor, assignor to Lefere Forge & Machine Company, Jackson, Mich. Press fixture. 2,314,148; Mar. 16.
- Lefere Forge & Machine Company. (See Lefere, Aldor, assignor.)
- Le Fevre, Walter J. (See Britton, E. C., and Le Fevre.)
- Lefell, Frank, Baltimore, Md. Propeller. 2,312,254; Feb. 23.
- Lefell, James D., Bridgeport, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Drawing fixture. 2,328,471; Aug. 31.
- Lefell, James D., Newport, R. I., assignor to Remington Rand Inc., Buffalo, N. Y. Drawing fixture. 2,326,301; Aug. 10.
- Lefferts, William. (See Boho, Anton E., assignor.)
- Lefft, Harold H., and J. A. MacLean, New York, N. Y. X-ray contrast composition. 2,336,022; Dec. 7.
- Leffer Corporation. (See Tandler, W. S., Teller, and Walker, assignors.)
- Lefke, Frank W. (See Lefke, Lewis F., assignor.)
- Lefke, Lewis F., assignor of one-half to F. W. Lefke, Lansing, Mich. Meat block brush. 2,307,519; Jan. 5.
- Lefkof, Emil A., Drexel Hill, Pa. Preservative treatment of wood. 2,329,774; Sept. 21.
- Legatski, Harold R., Bartlesville, Okla., assignor to Phillips Petroleum Company. Gas separation system. 2,325,781; Aug. 10.
- Legatski, Harold R., W. Sverdlhoff, and G. W. McCullough, Bartlesville, Okla., assignors to Phillips Petroleum Company. Recovering hydrocarbons. 2,337,254; Dec. 21.
- Legerlotz, Helmut, Paris, France, assignor, by mesne assignments, to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Meta-hydroxyphenyl-ethanolamine and making the same. 2,312,916; Mar. 2.
- Le Gette, Everett L. (See Hall, W. C., Jr., and Le Gette.)
- Le Gette, Everett L. (See Hall, W. C., and Le Gette.)
- Legg, Oscar, Sunbury-on-Thames, England. Apparatus for sealing tins, canisters, jars and the like under vacuum. 2,333,799; Nov. 9.
- Legge, Elmer E., West Hartford, Conn. Patenting steel. 2,324,630; July 20.
- Leggett and Platt Spring Bed and Manufacturing Company. (See Kirchner, Carl, assignor.)
- Leggett, Robert R., Sr., assignor of forty-five per cent to C. Averitt, Fort Worth, Tex. Concrete wall form. 2,313,880; Mar. 16.
- Leggitt, Julian M., Unadilla, Ga. Stalk cutter. 2,324,092; July 13.
- Le Gloahec, Victor C. E., Rockland, Maine, assignor to Algin Corporation of America, New York, N. Y. Milk product and the manufacture thereof and composition therefor. 2,311,343; Feb. 16.
- Legner, Karl. (See Haines, Thomas N., assignor.)
- Legullon, Charles W., and E. A. Davis, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Apparatus for making strip material. 2,325,139; July 27.
- Legullon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Driving apparatus for crawler type vehicles. 2,325,690; Aug. 3.
- Legullon, Charles W., and O. E. Homeler, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for making articles. 2,334,105; Nov. 9.
- Lehane, Timothy J. (See Parks, P. B., and Lehane.)
- Lehane, Timothy J., assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Wattage regulator. 2,330,917; Mar. 2.
- Lehane, Timothy J., and E. H. Burgess, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Split evaporator for cooling systems. 2,328,472; Aug. 31.
- Lehde, Henry, assignor to S. Shefsky and L. Levy, Brooklyn, and P. L. Rudick, New York, N. Y. Garment trimming machine. 2,321,831; June 15.
- Lehfeldt, Wilhelm, Berlin-Siemensstadt, Germany; vested in the Allen Property Custodian. Control capacity circuits. 2,330,499; Sept. 28.
- Lehigh Structural Steel Company. (See Taylor, Frank H., assignor.)
- Lehman, Albert W., Jr., and C. Maier, assignors to The Lehman Company of America, Inc., Cannelton, Ind. Child's furniture. 2,329,475; Sept. 14.
- Lehman, Albert W., Chicago, Ill. Faucet attachment. 2,314,357; Mar. 23.
- Lehman Company of America, Inc., The. (See Lehman, A. W., Jr., and Maier, assignors.)
- Lehman, John W., et al. (See Hicks, Lewis E., assignor.)
- Lehmann, Albert F., assignor to Hydraulic Machinery, Inc., Detroit, Mich. Mining machine. 2,320,874; June 1.

- Lehmann Company, J. M., Inc. (See Jack, George, assignor.)
- Lehmann, Erwin E. (See Fantur, C. L., and Lehmann.)
- Lehmann, Herbert G., Wood-Ridge, N. J., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,310,701; Feb. 9.
- Lehmann, Herbert G., assignor to Casco Products Corporation, Bridgeport, Conn. Ignition testing and engine treating device. 2,324,404; July 13.
- Lehmann, Herbert G., Wood-Ridge, N. J., assignor to Casco Products Corporation, Bridgeport, Conn. Coffee maker. 2,325,912; Aug. 3.
- Lehmann, Herbert G., Wood-Ridge, N. J., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,320,844; Sept. 21.
- Lehmann, Herbert G., assignor to Casco Products Corporation, Bridgeport, Conn. Coffee maker. 2,331,705; Oct. 12.
- Lehmann, J. M., Co. (See Holstein, P., and Jack, assignors.)
- Lehmann Machine Company. (See Carter, Lionel A., assignor.)
- Lehmann, Otto P. R., East Orange, and R. N. Bostock, Upper Montclair, assignors to P. Ballantine & Sons, Newark, N. J. Cap marking mechanism for container capping machines. 2,313,288; Mar. 16.
- Lehmann, Wolfgang, Cologne-Mulheim, and R. Schröter, Leverkusen-Schubach, Germany; vested in the Allen Property Custodian. Isolation of dicarboxylic acids from their mixtures. 2,323,061; June 29.
- Lehmberg, William H., Dudley, assignor to American Optical Company, Southbridge, Mass. Respirator air-line valve. 2,330,127; Sept. 21.
- Lehmer, Charles C., Salt Lake City, Utah. Package opener device. 2,331,204; Oct. 5.
- Lehmkuhl, Henry W., assignor to Milk Plant Specialties Corporation, Rochester, N. Y. Dissolving apparatus. 2,308,612; Jan. 19.
- Lehnus, Carl H., Lyons, Kans. Pipe protractor. 2,334,422; Nov. 16.
- Lehon, Thomas B. (See Small, William E., assignor.)
- Lehot, David W., and L. H. Crow, Cedar Rapids, Iowa, assignors to Link-Belt Speeder Corporation, Chicago, Ill. Combination crawler and rail vehicle. 2,311,304; Feb. 16.
- Lehto, Valno, Sudbury, Ontario, Canada. Fish lure. 2,317,781; Apr. 27.
- Leib, Henry H., Chicago, Ill. Dental apparatus. 2,310,448; Feb. 9.
- Leibe, Frank A., Quakertown, Pa., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,315,434; Mar. 30.
- Leibe, Frank A., Quakertown, Pa., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,315,435; Mar. 30.
- Leibing-Fageol Company. (See Leibing, William E., assignor.)
- Leibing-Fageol Company. (See Leibing, W. E., and Fageol, assignors.)
- Leibing, William E., San Rafael, Calif., assignor to Leibing-Fageol Company, Detroit, Mich. Fuel supply control means. 2,315,715; Apr. 6.
- Leibing, William E., assignor to Leibing-Fageol Company, Detroit, Mich. Carburetor. 2,315,716; Apr. 6.
- Leibing, William E., San Rafael, Calif., and R. D. Fageol, Grosse Pointe Farms, assignors to Leibing-Fageol Company, Detroit, Mich. Carburetor. 2,315,717; Apr. 6.
- Leichner, William G., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Supporting device. 2,326,469; Aug. 10.
- Leldel, Harold J., Wadsworth, Ohio. Tire tool. 2,326,234; Aug. 10.
- Leifer, Alfred, Berlin, Germany; vested in the Allen Property Custodian. Power supply circuit. 2,330,550; Sept. 28.
- Leigh, Henry H. (See Moyer, E. E., Livingston, and Leigh.)
- Leigh, Henry H., Schenectady, N. Y., assignor to General Electric Company. Electric motor control system. 2,331,123; Oct. 5.
- Leighton, John W., Port Huron, Mich. Spring bolt structure. 2,316,439; Apr. 13.
- Leighton, John W., Port Huron, Mich. Individual wheel suspension. 2,321,822; June 15.
- Leighton, John W., Port Huron, Mich. Individual spring connection. Re. 22,355; July 27.
- Leino, Eino M., Helsingfors, assignor to O. Y. W. Schumann A. B., Jyväskylä, Finland. Scarfing machine. 2,314,049; Mar. 16.
- Leipke, Richard M., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Watthour meter. 2,313,951; Mar. 16.
- Leipke, Richard M., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Watt-hour meter. 2,329,123; Sept. 7.
- Leipke, Richard M., Cedar Grove, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring device. 2,328,728; Sept. 7.
- Lelschner, Georg, Bonigen, near Interlaken, Switzerland. Electric converter. 2,318,503; May 4.
- Leishman, Le Roy J. (See De Jong, Ralph J., assignor.)
- Leishman, Le Roy J., Los Angeles, Calif. Turning control shafts to pre-selected angular positions. 2,325,864; Aug. 3.
- Leistenschneider, August, Dusseldorf, Germany; vested in the Allen Property Custodian. Lead pencil. 2,311,906; Feb. 23.
- Leister, Fayette, Detroit, Mich., and H. A. Leister, Philadelphia, Pa., Sextant. 2,334,338; Nov. 18.
- Leister, Herbert A. (See Leister, Fayette and H. A.)
- Leitz, E., Inc. (See Müller, Ralph H., assignor.)
- Leitzel, Raymond H. (See Hall, E. H., and R. H. Leitzel.)
- Le Jumeau, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Mill for rolling disks. 2,334,879; Nov. 23.
- Leka, Thomas M., Hackensack, N. J. Aircraft. 2,313,447; Mar. 9.
- Leland-Gifford Company. (See Hirvonen, Eric J., assignor.)
- Leland, Warren A., Jr., Towson, Md. Invalid bed. 2,337,395; Dec. 21.
- Lelepp, Otto, Allentown, Pa. Method of and apparatus for making steel. 2,333,654; Nov. 9.
- Le Maire Tool & Manufacturing Company. (See De Villeg, Charles B., assignor.)
- Leman, Arthur L. (See Nevill, G. E., and Leman.)
- Lemanski, Theodore R., Belleville, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of vinyl resins. 2,317,149; Apr. 20.
- Lemle, William, Chicago, Ill. Ash-retaining cigarette holder. 2,314,585; Mar. 23.
- Lemna, Robert W., Grass Lake, Mich. Pulsator for milking apparatus. 2,333,019; Oct. 26.
- Leimmerich, Brich. (See Bertram, K., and Leimmerich.)
- Leumers, Eugene, Cleveland Heights, Ohio, assignor to General Electric Company. Flash lamp. 2,316,344; Apr. 13.
- Leumers, Eugene, Cleveland Heights, Ohio, assignor to General Electric Company. Gaseous electrical lamp. 2,329,124; Sept. 7.
- Leumers, Eugene, Cleveland Heights, Ohio, assignor to General Electric Company. Metal vapor discharge lamp. 2,329,125; Sept. 7.
- Leumers, Eugene, Cleveland Heights, Ohio, assignor to General Electric Company. Electric discharge device and electrode therefor. 2,329,126; Sept. 7.
- Leummon, Alexis W., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Take-up mechanism for conveyor apparatus. 2,317,235; Apr. 20.
- Leummon, George N., Homewood, Ala., assignor to Southern States Equipment Corporation, Homewood, Ala. Electric switch system. 2,334,330; Nov. 16.
- Lemolgue, Pierre M., Chatillon-sur-Rognon, France; vested in the Allen Property Custodian. Motor propelling unit. 2,313,491; Mar. 9.
- Lemon, Roy T., assignor to Waterman Steamship Corporation, Mobile, Ala. Hatch beam. 2,332,386; Oct. 19.
- Lemppo Products, Inc. (See Blazek, J. Y., and Sears, assignors.)
- Lemppo Products, Inc. (See Blazek, J. Y., Sears, and Roy, assignors.)
- Lempert, Joseph, Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Silver-copper solder alloy. 2,330,062; Sept. 21.
- Leimrow, Mary F., assignor to Cushman's Sons, Inc., New York, N. Y. Favor cake. 2,334,497; Nov. 16.
- Lenahan, Thomas P., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Method and apparatus for raising and permanently supporting heavy structures. 2,322,855; June 29.
- Lendle, Carl R., Youngstown, Ohio. Garment steamer. 2,317,924; Apr. 27.
- Lenehan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Phase-sequence relaying equipment. 2,309,649; Feb. 2.
- Lenehan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Graphic measuring device. 2,331,205; Oct. 5.
- Lenehan, Francis J., Mountainside, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Assembling tool. 2,329,275; Sept. 14.
- Lenzenis, Frank J. (See Brubaker, J. L., and Lenzenis.)
- Lénil, Georges, Saint-Cyr-sur-Mer, France, assignor to Olajer Patent Company, New York, N. Y. Fire control device. 2,314,860; Mar. 23.
- Lenke, George H., Elmhurst, assignor of one-half to J. J. Ohls, Oak Park, Ill. Wall construction. 2,314,224; Mar. 16.
- Lennholm, Gustav A., Des Moines, Iowa, assignor to Square D Company, Detroit, Mich. Electric switch. 2,314,995; Mar. 30.
- Lennholm, Gustav A., assignor to Square D Company, Detroit, Mich. Electric switch. 2,328,154; Aug. 31.
- Lennox Furnace Company, The. (See Vollmer, Earl C., assignor.)
- Lennox, Thomas C., Pittsfield, Mass., assignor to General Electric Company. Electric circuit. 2,323,716; July 6.

- Lennox, Thomas C., Pittsfield, Mass., assignor to General Electric Company. Electrical regulator system. 2,330,063; Sept. 21.
- Lenox Incorporated. (See Brown, Leslie, assignor.)
- Lenth, Charles W. (See Du Puis, R. N., and Lenth.)
- Lento, Louis L., Jr. (See Foster, G. H., and Lento.)
- Lentz, Anton. (See Huber, Fritz, and Lentz.)
- Lentz, Anton, Heidelberg, Germany; vested in the Allen Property Custodian. Lifting mechanism for tractor operated implements. 2,312,424; Mar. 2.
- Lentz, Lawrence B., assignor to Underwood Elliott Fisher Company, New York, N. Y. Ink transfer ribbon. 2,334,423; Nov. 16.
- Lenz, Arnold, Grand Blanc, and J. F. Miller, Saginaw, assignors to General Motors Corporation, Detroit, Mich. Valve tappet. 2,324,006; July 13.
- Lenz, William A., Lebanon, Mo. Photoprint washer. 2,325,255; July 27.
- Leonen, Kent A. (See Shoemaker, L. A., and Lenzen.)
- Leon, Henry. (See Martin, N. S., and Leon.)
- Leon, Victor, New York, N. Y. Cold permanent waving apparatus. 2,331,485; Oct. 12.
- Leonard, Anthon A., Glenside, Pa., assignor to De Jur-Amsco Corporation, Shelton, Conn. Photographic enlarger. 2,312,561; Mar. 2.
- Leonard, Anthon A., Glenside, Pa., assignor to De Jur-Amsco Corporation, Shelton, Conn. Photographic enlarger. 2,326,542; Aug. 10.
- Leonard, Anthon A., Glenside, Pa., and O. Boesel, assignors to De Jur-Amsco Corporation, Shelton, Conn. Photographic apparatus. 2,312,562; Mar. 2.
- Leonard, Charles J., assignor to The M. B. Cook Company, Chicago, Ill. Eraser guard. 2,319,871; May 25.
- Leonard, David C. E., assignor to Jamison Cold Storage Door Co., Hagerstown, Md. Door fastener. 2,331,403; Oct. 12.
- Leonard, Eloy R. (See Davis, R. W., and Leonard.)
- Leonard, Henry, & Thomas, Inc. (See Brunner, Otto, assignor.)
- Leonard, Henry, & Thomas, Inc. (See Koenigsamen, Arthur, assignor.)
- Leonard, Henry, & Thomas, Inc. (See Lavietes, Henry J., assignor.)
- Leonard, John H., trustee. (See Herbst, George B., assignor.)
- Leonard, Merrill G. (See Hodnette, J. K., and Leonard.)
- Leonard, Merrill G., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,318,085; May 4.
- Leonard, Merrill G., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective device for electrical apparatus. 2,333,537; Nov. 2.
- Leonard, Ralph N., Crystal Lake, assignor to Dispenser Corporation of America, Chicago, Ill. Receptacle for empty bottles. 2,319,872; May 25.
- Leonard, Roy E., Alhambra, Calif. Fluid-operated pump. 2,325,256; July 27.
- Leonard Valve Company. (See Bowman, Lawrence E., assignor.)
- Leonard, Veader, Baltimore, Md. Insulin preparation. 2,328,729; Sept. 7.
- Leonard, Vincent W., Saugus, Mass., assignor to General Electric Company. Electrical system. 2,328,473; Aug. 31.
- Leonard, William E., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Producing wire. 2,318,614; May 11.
- Leonard, William E., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Preparing metal for drawing operations. 2,338,045; Dec. 28.
- Leonard, Zenas. (See Mumma, H. J., and Leonard.)
- Leonardson, Carl S., and D. J. White, Seattle, Wash., assignors to The Borden Company, New York, N. Y. Casein resin product and preparation thereof. 2,332,519; Oct. 26.
- Leonardson, Carl S., and D. J. White, Seattle, Wash., assignors to The Borden Company, New York, N. Y. Vegetable protein resin product and preparation thereof. 2,332,801; Oct. 26.
- Leonardson, Carl S., and D. J. White, Seattle, Wash., assignors to The Borden Company, New York, N. Y. Animal protein resin product and preparation thereof. 2,332,802; Oct. 26.
- Leone, Otto J., West Newton, Pa., assignor to The Bristol Company, Waterbury, Conn. Tachometer. 2,329,400; Sept. 14.
- Le Page's Inc. (See Edison, E. R., and Ives, assignors.)
- Le Plane, Frank, Roosevelt, N. Y. Wrench. 2,312,425; Mar. 2.
- Leppia, Rudolph, Davenport, Iowa, assignor, by mesne assignments, to McConway & Torley Corporation, Pittsburgh, Pa. Car truck. 2,317,389; Apr. 27.
- Leppia, Rudolph, Davenport, Iowa, assignor, by mesne assignments, to McConway & Torley Corporation, Pittsburgh, Pa. Car truck. 2,317,390; Apr. 27.
- Leppia, Rudolph, Davenport, Iowa, assignor, by mesne assignments, to McConway & Torley Corporation, Pittsburgh, Pa. Car truck. 2,317,391; Apr. 27.
- Leppia, Rudolph, Davenport, Iowa, assignor, by mesne assignments, to McConway & Torley Corporation, Pittsburgh, Pa. Car truck. 2,337,396; Dec. 21.
- Leprestre, Margaret C., executor, et al. (See Leprestre, Rene.)
- Leprestre, Rene, deceased, New York, N. Y., by M. C. Leprestre, Reading, Pa., H. D. Haden, Westport, and R. C. Tobin, and J. Dannenberg, New York, N. Y., executors. Apparatus for producing hydrogenated hydrocarbon products. 2,319,508; May 18.
- Lermont, Basil, assignor to Cairns Corporation, New York, N. Y. Metal boat. 2,312,722; Mar. 2.
- Lermont, Basil, New York, and A. M. Wolf, assignors to Cairns Corporation, Brooklyn, N. Y. Metal rolling and bending device. 2,325,523; July 27.
- Lermont, Basil, New York, and A. M. Wolf, Brooklyn, assignors to Cairns Corporation, New York, N. Y. Metal forming device. 2,326,470; Aug. 10.
- Lerner, Earl A., Chicago Heights, Ill., assignor to The American Brake Shoe and Foundry Company, New York, N. Y. High temperature apparatus. 2,321,217; June 8.
- Lerner, Harry E., et al. (See Haselwood, Willis E., assignor.)
- Le Roue, Lloyd, Toppish, Wash. Wrench reducing insert. 2,322,856; June 29.
- Le Roy, Adrian E. and J., New York, N. Y., assignors, by mesne assignments, to Lectrocut Corporation Limited. Preparation of printing plates. 2,333,020; Oct. 26.
- Le Roy, Jeanette. (See Le Roy, Adrian E. and J.)
- Lesage, Ernest R. (See Clark, G. N., and Lesage.)
- Lesavoy, Isadore L., Allentown, Pa. Telephone recorder-repeater system. 2,328,562; Sept. 7.
- Lesh, Marlowe A. (See Gordon, J. G., and Lesh.)
- Leskiewicz, Stanley, assignor to North Shore Cutting Dies Company, Lynn, Mass. Cutting die. 2,324,857; July 20.
- Lesko, Henrietta, Chicago, Ill. Curtain. 2,321,216; June 8.
- Lesley, Jerry P., and B. G. Martin, Easley, S. C. Automatic variable speed control. 2,329,276; Sept. 14.
- Leslie, Freeland H., Chicago, Ill. Punch press. 2,314,886; Mar. 30.
- Leslie, John H., II, Winnetka, assignor to Signode Steel Strapping Company, Chicago, Ill. Package binding tool. 2,326,264; Dec. 7.
- Lesser, Julian L. (See Olman, Peter M., assignor.)
- Leslie, Edward T. (See Gazdik, I., and Leslie.)
- Lessig, Edward T., and I. Gazdik, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Improving the adhesion of rubber to cotton. 2,314,996; Mar. 30.
- Lessig, Edward T., and H. P. Headley, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Improving the adhesion of rubber to cotton. 2,314,997; Mar. 30.
- Lessig, Edward T., and H. P. Headley, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Adhering fibers to rubber. 2,314,998; Mar. 30.
- Lessler, Lew W., assignor to General Aniline & Film Corporation, Binghamton, N. Y. Photographic printing frame. 2,309,515; Jan. 26.
- Lessler, Lew W., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Shutter release for folding cameras. 2,316,006; Apr. 6.
- Lessler, Lew W., assignor to General Aniline & Film Corporation, Binghamton, N. Y. Film moving and counter mechanism. 2,320,441; June 1.
- Lessler, Lew W., Johnson City, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Roll holding camera construction. 2,326,870; Aug. 17.
- Lessman, Gerhard, Chicago, assignor to Stephen Junkune, Jr., Oak Park, Ill. Projector and viewing screen. 2,326,042; Aug. 3.
- Lessmann, Gerhard P., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tension roll drives. 2,310,098; Feb. 2.
- Lessmann, Gerhard P., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tensiometer. 2,323,818; July 6.
- Lester Engineering Company, The. (See Lester, Nathan, assignor.)
- Lester, George H., Birmingham, Ala. Multiple pocket for garments. 2,312,177; Feb. 23.
- Lester, Nathan, assignor to The Lester Engineering Company, Cleveland, Ohio. Pressure casting machine link mechanism. 2,309,040; Jan. 26.
- Lester, Ray F. (See Olley, R. H., and Lester.)
- Lester, Robert L., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated fabric. 2,307,225; Jan. 5.
- Lester, Robert L., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated fabric. 2,336,265; Dec. 7.
- Lester, Robert L., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Forplane fabric and making same. 2,336,266; Dec. 7.
- Lester, Robert L., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making airplane fabric. 2,336,267; Dec. 7.
- Le Tourneau, R. G., Inc. (See Bird, L. O., and Drake, assignors.)
- Le Tourneau, R. G., Inc. (See Hyler, Loeffel L., assignor.)

- Le Tourneau, R. G., Inc. (See Langford, Le Roy, assignor.)
- Le Tourneau, R. G., Inc. (See Le Tourneau, Robert G., assignor.)
- Le Tourneau, R. G., Inc. (See Wyman, Floyd H., assignor.)
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Ball and socket unit. 2,308,613; Jan. 19.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Push grader. 2,311,553; Feb. 16.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Dump wagon. 2,315,078; Mar. 9.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Antiskid roadway. 2,313,829; Mar. 16.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Shaft and hub connection. 2,317,070; Apr. 20.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Bowl mounting. 2,317,280; Apr. 20.
- Le Tourneau, Robert G., assignor to R. G. Le Tourneau, Inc. Perforator. 2,318,870; May 11.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Stockton, Calif. Self-propelled crane. 2,320,620; June 1.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Power control unit. 2,322,371; June 22.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Stockton, Calif. Rotary die caster. 2,325,782; Aug. 3.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Multiple chuck turret. 2,326,371; Aug. 10.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Stockton, Calif. Feeding device for billet heat furnaces. 2,326,953; Aug. 17.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Expansion joint. 2,328,155; Aug. 31.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Self-energizing brake unit. 2,328,817; Sept. 7.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Making insulated braces. 2,330,602; Sept. 28.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Power control unit. 2,332,862; Oct. 26.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Roller foot. 2,334,778; Nov. 23.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Stockton, Calif. Billet breaker. 2,334,940; Nov. 23.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Stockton, Calif. Electric furnace. 2,335,344; Nov. 30.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Stockton, Calif. Factory jib crane. 2,335,522; Nov. 30.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Stockton, Calif. Continuous bar mill. 2,336,621; Dec. 14.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Stockton, Calif. Bridge span. 2,336,622; Dec. 14.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Stockton, Calif. Transmission. 2,337,255; Dec. 21.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Stockton, Calif. Electrode holder. 2,337,333; Dec. 21.
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Portable turntable. 2,337,670; Dec. 28.
- Lett, Julian T., et al. (See Wiley, Lee M., assignor.)
- Letteron, Henry A. (See Patterson, J. R., Reid, and Letteron.)
- Letz Manufacturing Company, The. (See Holland-Letz, John, assignor.)
- Leuchs, Friedrich, Wuppertal-Alberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Quaternary ammonium compounds. 2,317,999; May 4.
- Leuchs, Friedrich, Wuppertal-Alberfeld, Germany, assignor, by mesne assignments, to Winthrop Chemical Company, Inc., New York, N. Y. Quaternary ammonium compounds. 2,336,179; Dec. 7.
- Leum, Leonard N. (See McCullough, J. H., Birkhimer and Leum.)
- Leum, Leonard N., Upper Darby, assignor to The Atlantic Refining Company, Philadelphia, Pa. Removal of mercaptans from mercaptan-solvent mixtures. 2,320,939; June 1.
- Leum, Leonard N., Upper Darby, and E. R. Birkhimer, assignors to The Atlantic Refining Company, Philadelphia, Pa. Removal of mercaptans from mercaptan-solvent mixtures. 2,309,652; Feb. 2.
- Leum, Leonard N., Upper Darby, and E. R. Birkhimer, assignors to The Atlantic Refining Company, Philadelphia, Pa. Removal of mercaptans from mercaptan-solvent mixtures. 2,309,653; Feb. 2.
- Leum, Leonard N., Upper Darby, and E. R. Birkhimer, assignors to The Atlantic Refining Company, Philadelphia, Pa. Removal of mercaptans from mercaptan-solvent mixtures. 2,309,654; Feb. 2.
- Leunis, Joseph, Scarborough on Hudson, N. Y. Material and snow mover. 2,336,553; Dec. 11.
- Leute, Karl M., assignor to Electro Manganese Corporation, Minneapolis, Minn. Manganese electrolyte purification. 2,334,210; Nov. 16.
- Leuthold, Edgar J., assignor to Tung-Sol Lamp Works Inc., Newark, N. J. Thermal relay switch. 2,308,522; Jan. 19.
- Leuthold, Edgar J., assignor to Tung-Sol Lamp Works Inc., Newark, N. J. Starting system and mechanism for gaseous discharge lamps. 2,319,241; May 18.
- Leuthold, Walter M., et al. (See Peters, Otho A., assignor.)
- Le Valley, John, Painted Post, assignor to Ingersoll-Rand Company, New York, N. Y. Unloader for compressors. 2,320,401; Sept. 14.
- Le Van, James D., Belmont, assignor to Raytheon Production Corporation, Newton, Mass. Electron discharge tube with fluorescent screen. 2,311,672; Feb. 23.
- Le Vasseur, Joseph A., Vancouver, British Columbia, Canada. Sanitary liquid dispenser. 2,307,691; Jan. 5.
- Les Veaux, John F., assignor to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y. Arsenical insecticide and making same. 2,337,054; Dec. 21.
- Lev, Andrew J. (See Van Sittert, P., and Lev.)
- Levaggi, Albert F., Brockton, assignor, by mesne assignments, to Robert Channing Company, East Bridgewater, Mass. Shoe form. 2,323,228; June 29.
- Levaggi, Andrew, Dubuque, Iowa. Manufacture of mirrors. 2,327,723; Aug. 24.
- Leve, Morris, Los Angeles, Calif. Pastry gauge. 2,308,817; Jan. 19.
- Leveske, Chester L., Des Moines, Iowa. Apparatus for removing shale, coal, and like from gravel. 2,336,991; Dec. 14.
- Leven, Richard R., Chicago, Ill., assignor to Handy Bed Company, Inc., Long Island City, N. Y. Bedspring or the like. 2,308,614; Jan. 19.
- Levenstein, Irving I., Brooklyn, N. Y. Fish race apparatus. 2,330,899; Oct. 5.
- Leventhal Patents, Inc. (See Spence, John L., Jr., assignor.)
- Leveque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Heel-breasting machine. 2,310,301; Feb. 9.
- Leveque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Presser foot mechanism. 2,321,032; June 8.
- Leveque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sewing machine. 2,326,726; Aug. 10.
- Leveque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Clutch for sewing machines. 2,337,115; Dec. 21.
- Leveque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,337,611; Dec. 21.
- Leveque, Charles J., Goose Creek, Tex. Toilet paper roll holder. 2,312,825; Mar. 2.
- Lever Bias Machine Corporation. (See Gardner, Percy, assignor.)
- Lever Brothers Company. (See Anderson, Carl N., assignor.)
- Lever Brothers Company. (See Bodman, John W., assignor.)
- Lever Brothers Company. (See Bodman, J. W., and Pease, assignors.)
- Lever Brothers Company. (See Mattill, H. A., and Golumbic, assignors.)
- Lever Brothers Company. (See Maxwell, B. L., and Atwood, assignors.)
- Lever Brothers Company. (See Murphy, John F., assignor.)
- Lever Brothers Company. (See Paterson, William J., assignor.)
- Lever Brothers Company. (See Pease, Fred F., assignor.)
- Lever Brothers Company. (See Thomas, R., and Oakley, assignors.)
- Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Luminescent light source and manufacture. 2,310,852; Feb. 9.
- Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Luminescent screen. 2,310,863; Feb. 9.
- Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Luminescent lamp. 2,314,096; Mar. 16.
- Leverenz, Humboldt W., South Orange, N. J., assignor to Radio Corporation of America. Luminescent lamp. 2,323,142; June 29.
- Leverett, Miles C., Houston, Tex., assignor to Standard Oil Development Company, Determining connate water content of cores. 2,330,721; Sept. 28.
- Leveridge, Walter J., Tuckahoe, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,318,405; May 4.
- Levering, John A. (See Creely, J. W., and Levering.)
- Levesque, Charles L. (See Cheetham, H. C., and Levesque.)

- Levermore, Charles L., Rockville Centre, assignor to General Chemical Company, New York, N. Y. Production of sodium sulphate. 2,321,218; June 8.
- Levesque, George N., Providence, R. I., assignor to Brown and Sharp Manufacturing Company. Machine tool. 2,307,282; Jan. 5.
- Lévesque, Jean, Montreal, assignor to The Province of Quebec, Department of Colonization, Quebec, Quebec, Canada. Extraction of oils from hardwood tar and purification thereof. 2,313,385; Mar. 9.
- Lévesque, Jean, Montreal, Quebec, Canada. Concentration and extraction of acetic acid in aqueous solutions. 2,313,386; Mar. 9.
- Levey, Fred'k H., Co. (See Wilson, Mitchell, assignor.)
- Levey, Max. (See Hirschfeld, Walter H., assignor.)
- Levin, Bernard, et al. (See Levin, Joseph, assignor.)
- Levin, Carl A., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,310,966; Feb. 16.
- Levin, Carl A., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,310,967; Feb. 16.
- Levin, Carl A., and C. W. Swan, assignors to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,325,006; Sept. 14.
- Levin, Eli H., Chicago, Ill. Pouring spout for containers. 2,332,153; Oct. 19.
- Levin, Harold, et al. (See Levin, Joseph, assignor.)
- Levin, Joseph, Lancaster, Pa., assignor to T. H., and H. Levin, jointly, Baltimore, Md. Umbrella frame assembly. 2,321,495; June 8.
- Levin, Joseph, Lancaster, Pa., assignor to Polan, Katz & Company, Baltimore, Md. Umbrella ferrule. 2,329,629; Sept. 14.
- Levin, Joseph H., Washington, D. C. Portable receptacle. 2,323,093; June 29.
- Levin, Joseph H., Brooklyn, N. Y. Handle for receptacles. 2,323,094; June 29.
- Levin, Leon, Brooklyn, N. Y. Garment hanger. 2,327,723; Dec. 28.
- Levin, Nathan. (See Hartung, W. H., and Levin.)
- Levin, Theodore, et al. (See Levin, Joseph, assignor.)
- Levin, Ezra, Chicago, Ill. Treating cereal grain germ. 2,314,282; Mar. 16.
- Levine, Arthur E., et al. (See Levine, Morton, assignor.)
- Levine, Arthur A., and R. J. Dent, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for extraction. 2,321,923; June 15.
- Levine, Arthur A., and O. W. Cass, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of 2-chlorobutene-2. 2,323,226; June 29.
- Levine, Arthur A., and O. W. Cass, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of 2,3-trichlorobutane. 2,323,227; June 29.
- Levine, Arthur A., Niagara Falls, N. Y., O. R. Sweeney, Ames, Iowa, C. E. Kircher, Jr., Lewiston, N. Y., and W. L. McCracken, Detroit, Mich., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Solvent recovery apparatus. 2,334,015; Nov. 9.
- Levine, Benjamin P., Newton, Mass. Innersole. 2,332,166; Oct. 19.
- Levine, David H., New Haven, Conn. Inspecting device. 2,316,440; Apr. 13.
- Levine, David I., assignor to Lissom-Melen Co., Lynn, Mass. Spring assembly. 2,314,050; Mar. 16.
- Levine, H., & Company. (See Bartels, Maude L., assignor.)
- Levine, Herbert, et al. (See Levine, Morton, assignor.)
- Levine, Irving E. (See Batchelder, A. H., and Levine.)
- Levine, Irving E. (See Schultz, T. H., Levine, and Wellman.)
- Levine, Lawrence J., Brooklyn, N. Y. Visible bell call device. 2,313,560; Mar. 9.
- Levine, Max, assignor to Iowa State College Research Foundation, Ames, Iowa. System and method of treating sewage or other waste materials. 2,317,782; Apr. 27.
- Levine, Morris, New York, assignor of one-half to S. Einstoss, Brooklyn, N. Y. Variable pitch aerial propeller. 2,327,274; Aug. 17.
- Levine, Morton, Richmond Hill, assignor to Herbert Levine and Arthur E. Levine, jointly, Brooklyn, N. Y. Beverage cooling apparatus. 2,327,910; Aug. 24.
- Levine, Samuel J., Verona, N. J., assignor to General Electric Company. Outlet grille for air conditioning apparatus. 2,324,858; July 20.
- Levingston, Richard M., Crosby, Tex. Dispensing container. 2,327,257; Dec. 21.
- Levison, Carol, C. L. Johnson, and E. J. Bennett, Cleveland, Ohio, assignors to The Motor Repair and Manufacturing Company. Electrical control circuit. 2,312,178; Feb. 23.
- Levison, Samuel, Chicago, Ill. Treatment of fruits and vegetables. 2,314,586; Mar. 23.
- Levit, Ernest, Jr. (See Burmester, H. G., and Levit.)
- Levitian, Louis. (See Goldman, L., and Levitan.)
- Levitt, John B. (See Morgan, J. D., and Levitt.)
- Levitt, Nathan V., New York, N. Y. Shoe last. 2,309,775; Feb. 2.
- Levkoff, David, Brooklyn, N. Y. Folding double wall box. 2,308,818; Jan. 19.
- Levkoff, David, Brooklyn, N. Y. Folding box. 2,316,261; Apr. 13.
- Levkoff, David, Brooklyn, N. Y. Greaseproof folding box. 2,333,943; Nov. 9.
- Levon, Walter P., assignor to F. L. Jacobs Company, Detroit, Mich. Foldable pot structure. 2,323,547; July 6.
- Levy, Louis G., Jr., Schenectady, N. Y., assignor to General Electric Company. Electric control circuit. 2,322,325; Oct. 19.
- Levy, Cyril C., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,329,127; Sept. 7.
- Levy, David, and D. Friedman, Chicago, Ill. Shoe presser pad. 2,319,143; May 11.
- Levy, Joseph. (See Trube, C. E., Shahovskoy, and Levy.)
- Levy, Louis, et al. (See Lehde, Henry, assignor.)
- Levy, Maurice M., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Apparatus for measuring phase differences and for analogous purposes. 2,333,322; Nov. 2.
- Lévy, René L., Paris, France, assignor to Société D'Inventions Aéronautiques et Mécaniques S. I. A. M., Fribourg, Switzerland. Control device for folding doors. 2,322,372; June 22.
- Levy, René L., Paris, France, assignor to Société D'Inventions Aéronautiques et Mécaniques S. I. A. M., Fribourg, Switzerland. Lifiable undercarriage system for airplanes. 2,336,044; Dec. 14.
- Levy, Sydney F. (See Di Lucci, Anthony J., assignor.)
- Levyn, Joseph I., Brooklyn, N. Y. Window structure. 2,308,621; Jan. 19.
- Lewando, Felix J. (See Testi, N., and Lewando.)
- Lewers, Hamilton M., Plymouth, assignor to The Permanente Corporation, Oakland, Calif. Hydraulic classifier. 2,332,563; Mar. 2.
- Lewis, Brannan J. (See Staples, J. A., Lewin, Bram J. and Tannie, and Goldenberg.)
- Lewis, Benjamin F. (See Staples, J. A., Lewin, Bram J. and Tannie, and Goldenberg, assignors.)
- Lewis, Tannie. (See Staples, J. A., Lewin, Bram J. and Tannie, and Goldenberg.)
- Lewis, Alkin. (See Barklie, R. H. D., and Lewis.)
- Lewis, Arthur F., Fairhaven, Mass. Loom picker. 2,325,187; July 27.
- Lewis, Benjamin F. (See Holden, W. H. T., Hubbard, Lewis, Malthaner, and Sprague.)
- Lewis, Benjamin F., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Timing arrangement. 2,317,783; Apr. 27.
- Lewis, Benjamin F., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,327,275; Aug. 17.
- Lewis, Benn, Maplewood, N. J. Form shaping and constricting garment. 2,323,717; July 6.
- Lewis, Charles B. (See Mas, George N., assignor.)
- Lewis, Charles H. (See Urbain, Oliver M., assignor.)
- Lewis, Charles H. (See Urbain, O. M., and Stemen, assignor.)
- Lewis, David, New York, N. Y. Handbag or the like. 2,316,262; Apr. 13.
- Lewis, David E., San Fernando, Calif. Rodent trap. 2,321,219; June 8.
- Lewis, Edgar P., & Sons, Inc. (See Goodwin, Herbert F., assignor.)
- Lewis, Edward, Cleveland, and H. A. Michelbrink, Euclid, Ohio. Stone quarrying apparatus. 2,336,487; Dec. 14.
- Lewis, Florence N., New York, N. Y. Foundation garment. 2,327,310; Aug. 17.
- Lewis, Frank D., West Orange, N. J. Automatic phonograph. 2,309,197; Jan. 26.
- Lewis, Franklyn M., et al. (See MacMillan, Royal J., assignor.)
- Lewis, Frederick F., Brady, Mont. Automatic weighing and testing machine. 2,334,106; Nov. 9.
- Lewis, George E. (See Irwin, E. M., Lewis, Duval, Rule, and Chenoweth.)
- Lewis, George E. (See Irwin, E. M., Rule, and Lewis.)
- Lewis, George S., Evanston, Ill. Coaster brake. 2,321,150; June 8.
- Lewis, George S., Buffalo, N. Y. Leafed device. 2,329,547; Sept. 14.
- Lewis, Harold M., Allenhurst, N. J., assignor to Hazeltine Corporation. Television receiver synchronizing system. Re. 22,390; Nov. 9.
- Lewis, Harold M., Allenhurst, N. J., assignor to Hazeltine Corporation. Signal amplifier. 2,322,328; June 22.
- Lewis, Harold M., Great Neck, N. Y., assignor to Hazeltine Corporation. Electrical filter network. 2,309,852; Feb. 2.
- Lewis, Harold M., Great Neck, N. Y., assignor to Hazeltine Corporation. Attenuator circuit. 2,313,952; Mar. 16.
- Lewis, Harry F., Appleton, Wis., assignor, by mesne assignments, to The Pacific Lumber Company, San Francisco, Calif. Antioxidant composition. 2,334,564; Nov. 16.
- Lewis, Harry F., and I. A. Pearl, assignors to The Institute of Paper Chemistry, Appleton, Wis. Preparation of azobenzene sulphonate. 2,327,256; Dec. 21.
- Lewis, Herbert I., Wrens, Ga. Timber cart. 2,317,784; Apr. 27.
- Lewis, Howard B., Venice, assignor to B. F. McDonald Company, Los Angeles, Calif. Protective armor. 2,312,841; Mar. 2.

- Lewis Invisible Stick Machine Company. (See Stevenson, Geoffrey, assignor.)
- Lewis, Jacob D. (See Lindquist, D. L. Handy, and Lewis.)
- Lewis, James G., Sileam, Ga. Rectoblique plotter. 2,321,063; June 8.
- Lewis, James G., Sunderland, assignor to Pyrotechn Limited, Hebburn-on-Tyne, England. Bundling or gripping device. 2,323,819; July 6.
- Lewis, John, Ardley, N. Y. Stretching device. 2,328,474; Aug. 31.
- Lewis, John, assignor, to U. S. Pegwood & Shank Company, Brownville, Maine. Shoe with laminated wood sole. 2,324,094; July 15.
- Lewis, John B. (See Dool, H. C., and Lewis.)
- Lewis, John O., assignor of one-half to A. Muller, New York, N. Y. Spray nozzle. 2,310,798; Feb. 9.
- Lewis, John O., Woodside, assignor to Delta Nozzle Corp., New York, N. Y. Spray nozzle. 2,318,951; May 11.
- Lewis, Joseph H., assignor to Blue Ridge Glass Corporation, Kingsport, Tenn. Apparatus for the manufacture of sheet glass. 2,312,564; Mar. 2.
- Lewis, Joseph H., assignor to Blue Ridge Glass Corporation, Kingsport, Tenn. Compound glass sheet. 2,337,757; Dec. 28.
- Lewis, Lawrence L., Tucson, Ariz., assignor to American Optical Company, Southbridge, Mass. Gauge. 2,317,925; Apr. 27.
- Lewis, Leonard J., and H. W. Oegenfuss, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Packless valve. 2,308,183; Jan. 12.
- Lewis, Lloyd V., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,315,864; Apr. 6.
- Lewis, Richard S., assignor to Pioneer Rubber Company, Miami, Ohio. Rubber glove. 2,325,330; July 27.
- Lewis, Robert H., West Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Theftproof meter cover. 2,313,881; Mar. 16.
- Lewis, Robert H., West Orange, and P. G. Adams, Bloomfield, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Braking device for cumulative demand registers. 2,315,633; Apr. 6.
- Lewis, Robert R., Baldwin, and A. J. Welsa, Mineola, assignors to Vulcan Proofing Company, New York, N. Y. Applicator or roller and making the same. 2,333,800; Nov. 9.
- Lewis, Russell K., Elkhart, Ind., assignor to Finnell System, Inc. Floor treating machine. 2,310,302; Feb. 9.
- Lewis, Robert P., Toledo, Ohio, assignor to Spicer Manufacturing Corporation. Tubular axle drive. 2,322,149; June 15.
- Lewis, Robert P., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Lubricant seal. 2,323,548; July 6.
- Lewis-Shepard Company. (See Hastings, Russell, Jr., assignor.)
- Lewis, Thomas R., Wichita Falls, Tex. Derrick. 2,322,150; June 15.
- Lewis, Thomas F., Newburyport, Mass. Machine for removing snow. 2,307,412; Jan. 5.
- Lewis, Warren J., Chicago, Ill., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley crossing and switch device. 2,316,441; Apr. 13.
- Lewis, Warren J., assignor to The Ohio Brass Company, Mansfield, Ohio. Overhead trolley system. 2,337,827; Dec. 28.
- Lewis, William A., Jr. (See Sims, J. A., Spurlock, and Lewis, Jr.)
- Lewis, William H., Los Angeles, Calif. Asphalt finisher and spreader. 2,314,358; Mar. 23.
- Lewis, William L., Binghamton, and E. W. Gardiner, Conklin, assignors to International Business Machines Corporation, New York, N. Y. Punching machine. 2,335,949; Dec. 7.
- Lewy, Daniel, Chicago, Ill. Foot arch support. 2,319,550; May 13.
- Lex, Elmer, Milwaukee, Wis. Two-wheeled trailer, 2,332,326; Oct. 19.
- Leyde, Glen W. (See Craig, E. C., and Leyde.)
- Leyden, Joseph, Marshall, Mich. Hydraulic cleaner for drains and the like. 2,312,826; Mar. 2.
- Lhamon, Walter D., Cleveland, Ohio. Garment hanger. 2,324,093; July 13.
- L'Holler, Leslie H., Waltham, Mass., assignor to The E. F. Goodrich Company, New York, N. Y. Quickly removable boot. 2,330,242; Sept. 28.
- Liabastre, Albert, Manhasset, N. Y. Lighting fixture for sewing machines. 2,322,944; June 29.
- Liabastre, Albert, Great Neck, N. Y. Ventilated lamp housing. 2,322,945; June 29.
- Liabastre, Albert, Great Neck, N. Y. Sewing machine support. 2,322,946; June 29.
- Latex Corporation. (See Snyder, Chester, assignor.)
- Liberthson, Leo. (See Goldstein, H., and Liberthson.)
- Liberthson, Leo, New York, N. Y., assignor to L. Sonnenborn Sons, Inc. Petroleum hydrocarbon emulsions. 2,307,744; Jan. 12.
- Liberthson, Leo, New York, N. Y., assignor to L. Sonnenborn Sons, Inc. Polyamino petroleum sulphonates and their dehydrates. 2,321,496; June 8.
- Liberthson, Leo, New York, N. Y., and M. Blumer, Petrolia, Pa., assignors to L. Sonnenborn Sons, Inc. Petroleum sulphate products. 2,307,743; Jan. 12.
- Libbey Glass Company. (See Bauman, Thomas C., assignor.)
- Libbey Glass Company. (See Schutz, Harold R., assignor.)
- Libbey Glass Company. (See Schutz, H. R., and Vining, assignors.)
- Libbey-Owens-Ford Glass Company. (See Blinkert, Carl F., assignor.)
- Libbey-Owens-Ford Glass Company. (See Brown, Wilbur F., assignor.)
- Libbey-Owens-Ford Glass Company. (See Conklin, F. R., and Ryan, assignors.)
- Libbey-Owens-Ford Glass Company. (See Dodge, H. M., and Daniels, assignors.)
- Libbey-Owens-Ford Glass Company. (See Drake, John L., assignor.)
- Libbey-Owens-Ford Glass Company. (See Greaves-Walker, Arthur Meek, assignor.)
- Libbey-Owens-Ford Glass Company. (See Haven, C. D., and Hopfield, assignors.)
- Libbey-Owens-Ford Glass Company. (See Hopfield, John H., assignor.)
- Libbey-Owens-Ford Glass Company. (See Howald, Arthur M., assignor.)
- Libbey-Owens-Ford Glass Company. (See Howald, A. M., and Howald, assignors.)
- Libbey-Owens-Ford Glass Company. (See Howald, A. M., and Murray, assignors.)
- Libbey-Owens-Ford Glass Company. (See Kotowski, Stephen K., assignor.)
- Libbey-Owens-Ford Glass Company. (See Johnson, Irwin F., assignor.)
- Libbey-Owens-Ford Glass Company. (See Knight, Milton, assignor.)
- Libbey-Owens-Ford Glass Company. (See Knight, M., and Hopfield, assignors.)
- Libbey-Owens-Ford Glass Company. (See Lindenmeyer, Elmer H., assignor.)
- Libbey-Owens-Ford Glass Company. (See Lowry, Clyde D., assignor.)
- Libbey-Owens-Ford Glass Company. (See Murray, J. A., and Kassay, assignors.)
- Libbey-Owens-Ford Glass Company. (See Paddock, O. H., and Schuler, assignors.)
- Libbey-Owens-Ford Glass Company. (See Putnam, Erle T., assignor.)
- Libbey-Owens-Ford Glass Company. (See Ryan, Joseph D., assignor.)
- Libbey-Owens-Ford Glass Company. (See Ryan, J. D., and Watkins, assignors.)
- Libbey-Owens-Ford Glass Company. (See Schafer, Conrad B., assignor.)
- Libbey-Owens-Ford Glass Company. (See White, Gerald, assignor.)
- Libbey-Owens-Ford Glass Company. (See Williams, C. B., Jr., and Koester, assignors.)
- Libbey-Owens-Ford Glass Company. (See Worden, Edward M., assignor.)
- Libby, James W., Jr. (See Sparks, C. E., and Libby, Jr.)
- Libby, W. S., Company. (See Lurie, Joseph M., assignor.)
- Liberty Mutual Insurance Company. (See Boraks, Louis, assignor.)
- Libit, Sidney M., Chicago, Ill. Folding box construction. 2,335,345; Nov. 30.
- Licata, Francis J. (See Nothum, J., and Licata.)
- Licata, Francis J., New York, N. Y., assignor to National Oil Products Company, Harrison, N. J. Coating composition and producing the same. 2,320,527; June 1.
- Lichtenfels, Ira W., St. Louis, Mo., assignor to General Electric Company. Railway control analyzer. 2,314,283; Mar. 16.
- Lichter, Malvin, New York, N. Y. Wall pocket. 2,316,797; Apr. 20.
- Lichter, Malvin, New Rochelle, N. Y. Calendar. 2,321,607; June 15.
- Lichter, Malvin, assignor to The Stickless Corporation, New York, N. Y. Indicator. 2,310,968; Feb. 16.
- Lichter, Malvin, assignor to Stickless Corporation, New York, N. Y. Tissue container. 2,316,796; Apr. 20.
- Lichter, Malvin, assignor to Stickless Corporation, New York, N. Y. Tray. 2,328,563; Sept. 7.
- Lichter, Stephen, Milwaukee, Wis. Shirt protector. 2,327,196; Aug. 17.
- Lichtfeldt, Fred, Wauwatosa, Wis. Door operating mechanism. 2,319,612; May 18.
- Lichtstern, Albin. (See Lichtstern, Isidor and Albin.)
- Lichtstern, Isidor, and A., Cleveland, Ohio. Table. 2,319,613; May 18.
- Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Aromatic acyloxy aliphatic nitriles. 2,311,898; Feb. 23.
- Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Acyl acrylamide and its preparation. 2,320,089; May 25.
- Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Diacyl acrylamide and its preparation. 2,320,090; May 25.
- Lichty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Composition of matter. 2,321,301; June 8.

- Lighty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Cyanoethyl alpha chloracrylate. 2,322,035; June 15.
- Lighty, Joy G., Stow, assignor to Wingfoot Corporation, Akron, Ohio. Making dihalo acrylonitriles. 2,328,984; Sept. 7.
- Liddel, Urner, Greenwich, Conn., assignor to American Cyanamid Co., New York, N. Y. Sodium ferri cyanide with ZnCl_2 . 2,319,695; May 18.
- Liddel, Urner, Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Guanidine ammonium ferrocyanide. 2,326,107; Aug. 3.
- Liddel, Urner, Greenwich, and R. B. Barnes, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Producing Bunsen's salt. 2,312,918; Mar. 2.
- Liddon, William M. (See Randol, Glenn T., assignor.) Liebel-Flarsheim Company, The. (See Gieringer, Carl, assignor.)
- Liebel-Flarsheim Company, The. (See Gieringer, C. K., and Greenberg, assignors.)
- Liebel-Flarsheim Company, The. (See Holston, S. C., and Duckering, assignors.)
- Lieber, Eugene. (See Mikeska, Louis A., and Lieber.)
- Lieber, Eugene. (See Miller, P., and Lieber.)
- Lieber, Eugene, West New Brighton, Staten Island, N. Y., assignor to Standard Oil Development Company. Autocondensation product of high molecular alkyl aryl ketones and process for producing it. 2,307,891; Jan. 12.
- Lieber, Eugene, West New Brighton, N. Y., assignor to Standard Oil Development Company. Condensation product of polycarboxylic halides with mineral oils and producing it. 2,330,064; Sept. 21.
- Lieber, Eugene, Staten Island, N. Y., assignor to Standard Oil Development Company. Producing wax modifying agents. 2,308,184; Jan. 12.
- Lieber, Eugene, Staten Island, N. Y., assignor to Standard Oil Development Company. Addition agent for lubricating oils. 2,315,063; Mar. 30.
- Lieber, Eugene, Staten Island, N. Y., assignor to Standard Oil Development Company. Condensation product and preparing and using same. 2,324,784; July 20.
- Lieber, Eugene, Staten Island, N. Y., assignor to Standard Oil Development Company. Condensation product and preparing and using same. 2,330,722; Sept. 28.
- Lieber, Eugene, West New Brighton, Staten Island, N. Y., and H. T. Rice, Roselle, N. J., assignors to Standard Oil Development Company. Condensation product. 2,322,036; June 15.
- Lieber, Eugene, West New Brighton, Staten Island, and M. E. Thorne, Brooklyn, N. Y., assignors to Standard Oil Development Company. Lubricating composition and pour depressor therefor. 2,334,595; Nov. 16.
- Lieber, Eugene, Linden and L. A. Mikeska, Westfield, N. J., assignors to Standard Oil Development Company. Lubricating oil. 2,320,287; May 25.
- Lieber, Eugene, Staten Island, N. Y., and H. T. Rice, Roselle, N. J., assignors to Standard Oil Development Company. Lubricating composition. 2,327,535; Aug. 24.
- Lieber, Eugene, Staten Island, N. Y., and A. F. Cashman, Bayonne, N. J., assignors to Standard Oil Development Company. Lubricating oil. 2,336,620; Dec. 14.
- Lieber, Herman F., assignor to Newark Stove Company, Newark, Ohio. Liquid fuel stove. 2,321,034; June 8.
- Lieber, William H., Wauwatosa, assignor to Milprint, Inc., Milwaukee, Wis. Carton. 2,309,348; Jan. 26.
- Lieberherr, Hans, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Coupling for transmitting torques. 2,314,227; Mar. 16.
- Lieberherr, Hans, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Bearing for taking axial thrusts. 2,324,095; July 13.
- Lieberherr, Hans, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Horizontal internal combustion engine. 2,332,092; Oct. 19.
- Lieberherr, Hans, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Fuel injection device for internal combustion engines. 2,333,944; Nov. 9.
- Lieberman, Arthur, South Bend, Ind. Skate stop. 2,315,342; Mar. 30.
- Lieberman, Samuel, Boston, Mass. Water filter. 2,321,220; June 8.
- Liebert, Herman R., assignor, by mesne assignments, to Wingfoot Corporation, Akron, Ohio. Airship. 2,331,404; Oct. 12.
- Liebig, Edward O. (See Sivil, C. S., Liebig, and Low.)
- Liebig, William, Huntingdon, Pa. Artificial yarn and producing same. 2,326,043; Aug. 3.
- Liebman, Walter H. (See Rojas, Florcel A., assignor.)
- Liebowitz, Benjamin. (See Jacob, Ezekiel J., assignor.)
- Liebovitz, S., & Sons, Inc. (See Burkey, Lawrence G., assignor.)
- Liebovitz, S., & Sons, Inc. (See Driesbach, G. O., and Rahm, assignors.)
- Liebrecht, Heinrich F., Crays Hill, Billericay, England. Continuously variable gear. 2,312,105; Feb. 23.
- Liedholm, George E. (See Holt, B. M., and Liedholm.)
- Liedholm, George E., Scarsdale, N. Y., assignor to Shell Development Company, San Francisco, Calif. Production of gasoline. 2,324,708; July 20.
- Liedholm, George E., Scarsdale, N. Y., and R. M. Cole and I. I. Shultz, Long Beach, assignors to Shell Development Company, San Francisco, Calif. Dehydrogenation process. 2,322,857; June 29.
- Lien, Harold G. (See Bishman, W. A., and Lien.)
- Lienau, Jacob H., New York, and J. J. Neuman, South Salem, N. Y. Material handling apparatus. 2,331,613; Oct. 12.
- Liehe, Herbert J. (See Flint, G. W., and Liehe.)
- Lienhard, Fritz, assignor to Magus A. G., Zurich, Switzerland. Tread crank mechanism, particularly for cycles. 2,326,235; Aug. 10.
- Lierg, Friedrich, Vienna, Germany; vested in the Alien Property Custodian. Planographic printing form. 2,312,499; Mar. 2.
- Liese, Selig S. (See Warner, M. P., and Liese.)
- Liesegang, Helmut. (See Fiedler, H., Kelmig, and Liesegang.)
- Lietz, Harold C. (See Lindsay, W. N., and Lietz.)
- Lichultz, Leo B., Chicago, Ill. Leash. 2,314,504; Mar. 23.
- Lifetime Truss Company. (See Land, Frank B., assignor.)
- Light, David R., New Dorp, Staten Island, N. Y. Apparatus for threading sewing needles. 2,332,669; Oct. 26.
- Light, Donald W., T. F. Bradley, and A. D. Nute, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Textile finishing. 2,334,107; Nov. 9.
- Light, Philip H., Schenectady, N. Y., assignor to General Electric Company. Protection of alternating current electric power systems. 2,326,149; Aug. 10.
- Light, Philip H., Schenectady, N. Y., assignor to General Electric Company. Protection of alternating current electric power systems. 2,336,872; Dec. 14.
- Lighbown, Irving E. (See Kellog, H. G., and Lighbown.)
- Lighbown, Irving E. (See Thomas, R. M., and Lighbown.)
- Lighbown, Irving E. (See Thomas, R. M., Lighbown and Sparks.)
- Lighbown, Irving E., and J. G. McNab, Roselle, N. J., assignors, by mesne assignments, to Vaco, Incorporated. Ge resisting rubbery material and making. 2,310,449; Feb. 9.
- Lighter, Stephen, Milwaukee, Wis. Carton. 2,311,403; Feb. 16.
- Lightfoot, Edwin N., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electrical control apparatus. 2,319,415; May 18.
- Lightfoot, Alfred C., and G. D. Hnebner, Shawano, Wis. Dispenser cup for containers. 2,328,564; Sept. 7.
- Lightfoot, Edwin N., and E. W. Seeger, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Mounting for electrical and other devices. 2,321,689; June 15.
- Lighting Products, Inc. (See Dunbar, MacInnis M., assignor.)
- Lighton, Lester E., Glenside, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Electric storage battery. 2,333,072; Oct. 26.
- Lignia, Jean A., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Impregnating method. 2,326,372; Aug. 10.
- Lignia, Jean A., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making porous metal. 2,332,733; Oct. 26.
- Lilipert, William J., assignor to Woolfolk Chemical Works, Limited, Fort Valley, Ga. Mopping compound. 2,315,718; Apr. 6.
- Lilientahl, William C. (See Highriter, H. W., and Lilientahl.)
- Lilienfeld, Antonie, administratrix. (See Lilienfeld, Leon.)
- Lilienfeld, Leon, deceased, late of Vienna, Germany, E. Hunna, Vienna, Germany, executor, A. Lilienfeld, administratrix, assignor to Lilienfeld Patents Inc., Boston, Mass. Manufacture of shaped structures from solutions of cellulose derivatives. 2,310,969; Feb. 16.
- Lilienfeld, Leon, deceased, late of Vienna, Germany, by Emerich Hunna, executor, Vienna, Germany, Antonie Lilienfeld, administratrix, assignor to Lilienfeld Patents Inc., Boston, Mass. Cellulose derivative and making same. 2,327,911; Aug. 24.
- Lilienfeld, Leon, deceased, late of Vienna, Germany, by Emerich Hunna, Vienna, Germany, executor, Antonie Lilienfeld, administratrix, assignor to Lilienfeld Patents Inc., Boston, Mass. Dressing of fabrics and artificial structures. 2,327,912; Aug. 24.
- Lilienfeld, Leon, deceased, late of Vienna, Germany, by P. Abel, executor, Vienna, Germany; A. Lilienfeld, administratrix of said L. Lilienfeld, assignor to Lilienfeld Patents Inc., Boston, Mass. Finishing fibrous and textile materials. 2,335,126; Nov. 23.
- Lilienfeld Patents Inc. (See Lilienfeld, Leon, assignor.)
- Lilienfeld, Eugene W., assignor to José Escalante & Company, Chicago, Ill. Cigar box attachment. 2,323,820; July 6.
- Lilja, Edgar D., assignor to Barber-Colman Company, Rockford, Ill. Condition control. 2,311,673; Feb. 23.

- Lilja, Edgar D., assignor to Barber-Colman Company, Rockford, Ill. Apparatus for and method of detecting and correcting for skew in woven material. 2,311,674; Feb. 23.
- Lilja, Edgar D., assignor to Barber-Colman Company, Rockford, Ill. Condition control. 2,313,079; Mar. 9.
- Lilja, Edgar D., assignor to Barber-Colman Company, Rockford, Ill. Voltage regulator system. 2,327,357; Aug. 24.
- Lilja, Oscar G., Rockford, Ill. Folding brake. 2,336,105; Dec. 7.
- Liljestrand, Walter E. (See White, R. E., Liljestrand, W. E., and Volpin.)
- Lille, Harriet A., New York, N. Y. Combined umbrella handle and receptacle. 2,312,041; Feb. 23.
- Lille, Howard R. (See Littleton, J. T., Lille, and Shaver.)
- Lillis, Stephen M. (See Bernstein, W. F., Mika, Lillis, and Colwell.)
- Lillquist, Arvid E., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electromagnetic brake. 2,314,451; Mar. 23.
- Lillquist, Torsten O., Clarendon Hills, Ill., assignor to General Motors Corporation, Detroit, Mich. Generating electric drive and control system. 2,314,587; Mar. 23.
- Lillquist, Torsten O., Clarendon Hills, Ill., assignor to General Motors Corporation, Detroit, Mich. Generating electric drive and control system. 2,314,588; Mar. 23.
- Lilly, Eli, and Company. (See Corse, Joseph, assignor.)
- Lilly, Eli, and Company. (See Elderfield, R. C., and Fried, assignors.)
- Lilly, Eli, and Company. (See Helmer, Oscar M., assignor.)
- Lilly, Eli, and Company. (See Henze, Harry E., assignor.)
- Lilly, Eli, and Company. (See Rockwell, George E., assignor.)
- Lily, Eli, and Company. (See Rohrmann, Ewald, assignor.)
- Lilly, Eli, and Company. (See Shonle, H. A., and Van Hendon, assignors.)
- Lilly, Eli, and Company. (See Thuan, Urbain J., assignor.)
- Lilly, Forrest J. (See Heller, H. S., Ross, and Lilly.)
- Lilly, Russell M., Kermit, Tex. Well hoisting device. 2,324,096; July 13.
- Lilly, Thomas F., Memphis, Tenn. Bottle cooling and feeding means. 2,311,400; Feb. 16.
- Lilly-Tulip Cup Corporation. (See Terry, Clifford B., assignor.)
- Lily of France Corset Company. (See Berdach, Sophie, assignor.)
- Lima Locomotive Works, Incorporated. (See Woodward, W. E., and Flander, assignor.)
- Limb, Marcus G., assignor to Cape Cod Instrument Company, Hyannis, Mass. Radio direction finder. 2,328,024; Aug. 31.
- Limbach, Alex. Carmel, N. Y. Closure for containers. 2,332,327; Oct. 19.
- Limbach, Patrick E. (See Peters, Albert G., assignor.)
- Limbirt, Rollin J., and C. J. Glaser, Jr., assignors to Lee Rubber & Tire Corporation, Conshohocken, Pa. Self-retaining catheter. 2,322,858; June 29.
- Limbirt, Rollin J., Conshohocken, and E. E. Leach, Norristown, assignors to Lee Rubber & Tire Corporation, Conshohocken, Pa. Forming rubber articles. 2,337,116; Dec. 21.
- Limmer, Joseph, Newburgh, N. Y. Making foot impressions. 2,333,481; Nov. 2.
- Limpel, Eugene J., assignor to A. O. Smith Corporation, Milwaukee, Wis. Heating and electric induction furnace therefor. 2,337,258; Dec. 21.
- Limpert, Alexander S., Bay Shore, N. Y. Heat exchanger. 2,310,970; Feb. 16.
- Linaker, Frederick W., Forest Hills, N. Y. Soot cleaner. 2,324,785; July 20, 1943.
- Linch, Harry A. (See Scott, C. H., and Linch.)
- Linckh, Eduard. (See Duffschmidt, F., Linckh, and Winkler.)
- Lincoln, Bert H. (See Davis, L. L., and Lincoln.)
- Lincoln, Bert H. (See Davis, L. L., Lincoln, and Byrkit.)
- Lincoln, Bert H., Ponca City, Okla., assignor, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oil. 2,334,566; Nov. 16.
- Lincoln, Bert H., and G. D. Byrkit, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oil. 2,308,622; Jan. 19.
- Lincoln, Bert H., and W. L. Steiner, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Stabilized high film strength lubricating oil. 2,310,971; Feb. 16.
- Lincoln, Bert H., W. L. Steiner, and G. D. Byrkit, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Sulphur containing lubricant. 2,313,248; Mar. 9.
- Lincoln, Bert H., and G. D. Byrkit, assignors to Continental Oil Company, Ponca City, Okla. Lubricating oil. 2,333,971; Nov. 9.
- Lincoln, Bert H., Ponca City, Okla., and G. D. Byrkit, Niagara Falls, assignors, by mesne assignments, to Socoy-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricant. 2,337,478; Dec. 21.
- Lincoln Boyle Ice Company. (See Jetsack, J., and Jach, assignors.)
- Lincoln Brass Works, Inc. (See Mueller, Ervin H., assignor.)
- Lincoln Electric Company, The. (See Landis, George G., assignor.)
- Lincoln Electric Company, The. (See Landis, G. G., and Stringham, assignors.)
- Lincoln Engineering Company. (See Green, Emmet M., assignor.)
- Lincoln Engineering Company. (See Klein, Victor G., assignor.)
- Lincoln Engineering Company. (See Rotter, L. C., Robert, Klein, and Schneller, assignors.)
- Lincoln, John C. (See Neely, William H., assignor.)
- Lincoln Newspaper Features, Inc. (See Grossguth, T., Spilo and Vasquez, assignors.)
- Lincoln, Paul M., Ithaca, N. Y. Thermal demand meter. 2,331,333; Oct. 12.
- Lincoln, Roland L., Dedham, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Cinder collector. 2,327,197; Aug. 17.
- Lincoln, Roland L., Dedham, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Dust collector. 2,331,786; Oct. 12.
- Lincoln, Roland L., Dedham, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Cinder collector. 2,331,787; Oct. 12.
- Lincoln, Roland L., Dedham, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Electrostatic precipitator. 2,335,431; Nov. 2.
- Lincoln, Roy B., Millburn, N. J., and A. G. Nekut, Bronx, N. Y., assignors to Radio Corporation of America. Radio transmitter. 2,335,523; Nov. 30.
- Lincoln-Schulter Floor Machinery Company. (See Backlund, John A., assignor.)
- Lincoln, Wesley B., Hammond, Ind., assignor to B. V. Buffalo, N. Y. Device for cleaning tubes. 2,317,542; Apr. 27.
- Lind, Alex. (See Westberg, Erik, assignor.)
- Lind, Alvin C. (See Dayles, C. J., and Lind.)
- Lind, Rudolf, Euclid, W. J. Harshaw, Shaker Heights, and K. E. Long, South Euclid, assignors to The Harshaw Chemical Company, Elyria, Ohio. Nickel plating. 2,315,802; Apr. 6.
- Lind, Rudolph, Euclid, W. J. Harshaw, Shaker Heights, and K. E. Long, South Euclid, assignors to The Harshaw Chemical Company, Elyria, Ohio. Nickel plating. 2,329,999; Aug. 17.
- Lindahl, Robert L., assignor to The Celotex Corporation, Chicago, Ill. Building construction. 2,317,926; Apr. 27.
- Lindberg, Carl A. (See Dow, D. M., Burmeister, and Lindberg.)
- Lindberg, Carl A., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Insecticide dispenser. 2,336,873; Dec. 14.
- Lindberg, Charles A., assignor to George Higgins, White Pigeon, Mich. Turning rack for incubators. 2,325,140; July 27.
- Lindhult, Axel R., and S. J. Waldén, Stockholm, and K. A. Sivarud, Skelleftehamn, assignors to Bohus Gruvaktiebolag, Stockholm, Sweden. Recovering lithium from minerals. 2,331,838; Oct. 12.
- Linde Air Products Company, The. (See Aitchison, R. B., Swartout, and Williams, assignors.)
- Linde Air Products Company, The. (See Arnold, Roman F., assignor.)
- Linde Air Products Company, The. (See Baird, Albert W., assignor.)
- Linde Air Products Company, The. (See Bucknam, James H., assignor.)
- Linde Air Products Company, The. (See Bucknam, J. H., Meincke and Eiselgroth, assignors.)
- Linde Air Products Company, The. (See Bucknam, J. H., and Miller, assignors.)
- Linde Air Products Company, The. (See Burch, Charles J., assignors.)
- Linde Air Products Company, The. (See Burch, C. J., and Smith, assignors.)
- Linde Air Products Company, The. (See Chelborg, Rudolph, assignor.)
- Linde Air Products Company, The. (See Chelborg, R., Bucknam and Keller, assignors.)
- Linde Air Products Company, The. (See Craig, James R., assignor.)
- Linde Air Products Company, The. (See Day, Roger O., assignor.)
- Linde Air Products Company, The. (See Doyle, E. A., Meincke, and Keller, assignors.)
- Linde Air Products Company, The. (See Edwards, William G., assignor.)
- Linde Air Products Company. (See Egger, E. J. W., Johanson, and Smith, assignors.)
- Linde Air Products Company, The. (See Jenkins, Arthur C., assignor.)
- Linde Air Products Company, The. (See Jones, Everett P., assignor.)
- Linde Air Products Company, The. (See Keir, James M., assignor.)

- Linde Air Products Company, The. (See Keller, A. M., Bucknam, and Miller, assignors.)
- Linde Air Products Company, The. (See Kennedy, Harry E., assignor.)
- Linde Air Products Company, The. (See Kornemann, H. C., and Yendall, assignors.)
- Linde Air Products Company, The. (See Linden, Walter R., assignor.)
- Linde Air Products Company, The. (See M. Gulre, Frank, Jr., assignor.)
- Linde Air Products Company, The. (See Miller, Wilber B., assignor.)
- Linde Air Products Company, The. (See Nicholson, W. B., and Jones, assignors.)
- Linde Air Products Company, The. (See Rice, Phillip K., assignor.)
- Linde Air Products Company, The. (See Schreiner, Norman G., assignor.)
- Linde Air Products Company, The. (See Thompson, I. P., and Meincke, assignors.)
- Linde Air Products Company, The. (See Walters, Robert M., assignor.)
- Linde Air Products Company, The. (See Yendall, E. F., and Kornemann, assignors.)
- Linde Air Products Company, The. (See Young, Lloyd W., assignor.)
- Linde Air Products Company. (See Zenner, George H., assignor.)
- Linde, Hilding, Kalmars, Sweden. Refuse collecting container. 2,307,692; Jan. 5.
- Linde, John A., Brooklyn, N. Y. Orthodontic appliance device. 2,318,001; May 4.
- Linde, Leonard J., Drexel Hill, Pa., assignor to General Electric Company. Electric circuit breaker. 2,335,068; Nov. 23.
- Lindecker, Werner. (See Guanella, G., Ernst, Lindecker, and Gabriel.)
- Lindell, Hjalmar R., Worcester, Mass. Paint brush rack. 2,310,533; Feb. 9.
- Lindell, Sigurd I. (See Triplett, H. A., and Lindell.)
- Lindell, Sigurd I., assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse construction. 2,323,229; June 29.
- Lindell, Sigurd I., and A. Van Ryan, assignors to Schweitzer & Conrad, Inc., Chicago, Ill. Circuit interrupting apparatus. 2,328,818; Sept. 7.
- Lindemann, A. J., and Hoverson Company. (See Lindemann, W. C., and Meiners, assignors.)
- Lindemann, Walter C., and R. Meiners, assignors to A. J. Lindemann & Hoverson Company, Milwaukee, Wis. Oven and broiler. 2,323,821; July 6.
- Lindemuth, Lewis B., Port Washington, N. Y. Ingot mold. 2,324,786; July 20.
- Linden, Carl E., Norwood, and R. H. McClellan, Hamilton, assignors to The Fostick Machine Tool company, Cincinnati, Ohio. Hydraulic operating and control mechanism for machine tools. 2,319,551; May 18.
- Linden, Herbert E., Beverly Hills, Calif. Ballast device for ice cubes. 2,334,941; Nov. 23.
- Linden, Walter R., Palisades Park, N. J., assignor to Union Carbide and Carbon Corporation. Nozzle cleaning tool. 2,318,696; May 11.
- Linden, Walter R., Palisades Park, N. J., assignor to The Linde Air Products Company. Multiflame welding tip. 2,322,300; June 22.
- Lindenblad, Nils E., Rocky Point, N. Y., assignor to Radio Corporation of America. High voltage generator. 2,308,884; Jan. 19.
- Lindenblad, Nils E., Rocky Point, N. Y., assignor to Radio Corporation of America. Antenna. 2,310,853; Feb. 9.
- Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Coupling circuit. 2,312,827; Mar. 2.
- Lindenblad, Nils E., Rocky Point, N. Y., assignor to Radio Corporation of America. Antenna feed system. 2,318,237; May 4.
- Lindenblad, Nils E., Rocky Point, N. Y., assignor to Radio Corporation of America. High voltage generator. 2,331,206; Oct. 5.
- Lindenblad, Nils E., Rocky Point, and J. L. Finch, East Rockaway, N. Y., assignors to Radio Corporation of America. Investigating ether propagation paths. 2,326,662; Aug. 10.
- Lindenmeyer, Elmer H., Ottawa, Ill., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sand blasting apparatus. 2,328,350; Aug. 31.
- Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Frequency multiplier. 2,307,693; Jan. 5.
- Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Microwave device. 2,314,794; Mar. 23.
- Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Modulator for high frequency oscillators. 2,318,170; May 4.
- Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Indicator. 2,337,612; Dec. 28.
- Linder, Willy, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Carrying out endothermic gas reactions at high temperatures. 2,313,157; Mar. 9.
- Linderoth, Erik T., Finkoping, Sweden. Rotary deflection separator. 2,328,220; Aug. 31.
- Linderoth, Lambert S., Jr., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Dust separator. 2,323,405; July 6.
- Lindfeld, Edward C., Des Moines, Iowa. Golf glove. 2,309,516; Jan. 26.
- Lindfelt, Edward C., Des Moines, Iowa. Glove. 2,314,546; Mar. 23.
- Lindfelt, Edward C., Des Moines, Iowa. Garment. 2,315,972; Apr. 6.
- Lindgren, Alexus C., Chicago, and C. W. Mott, La Grange, Ill., assignors to International Harvester Company. Tractor power lifting arrangement for cultivators. 2,320,148; May 25.
- Lindgren, Frank A., Western Springs, assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,308,451; Jan. 12.
- Lindgren, Frank A., Western Springs, Ill., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,327,724; Aug. 24.
- Lindgren, Frank A., Western Springs, assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,336,992; Dec. 14.
- Lindgren, Hans O., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Process for purifying wort. 2,331,556; Oct. 12.
- Lindh, Jennie M. (See Chatfield, F., and Lindh.)
- Lindhardt, Erik J. (See Joyce, F. E., and Lindhardt.)
- Lindley Box & Paper Company. (See Ballard, C. H., Banter, and Hays, assignors.)
- Lindley Box & Paper Company. (See Lindley, Harry H., assignor.)
- Lindley, Harry H., assignor to Lindley Box & Paper Company, Marion, Ind. Pressure resisting waterproof buoyant container. 2,324,709; July 20.
- Lindner, Gordon F. (See Livermore, H. J., Lindner and Stephens.)
- Lindner, Karl A., Plainfield, N. J., and H. M. Shepard, Baltimore, Md., assignors to American Smelting and Refining Company, New York, N. Y. Electrolytic refining of copper. 2,329,775; Sept. 21.
- Lindner, Rosanne, Upper Darby, Pa. Girdle garter. Re. 2,288; Mar. 16.
- Lindquist, Carl G., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic film. 2,322,037; Jan. 15.
- Lindquist, David L., Hartsdale, A. E. Handy, Lynbrook, and J. D. Lewis, Yonkers, assignors to Otis Elevator Company, New York, N. Y. Motor control system. 2,336,106; Dec. 7.
- Lindquist, Roy, Baldwin, Wis. Feed collector. 2,330,295; Sept. 28.
- Lindsay, Charles H., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Fire extinguishing system. 2,311,844; Feb. 23.
- Lindsay, Charles H., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Carbon dioxide system. 2,311,845; Feb. 23.
- Lindsay, Charles H., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Liquid discharge system. 2,315,263; Mar. 30.
- Lindsay, Charles H., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Liquid discharge system. 2,329,845; Sept. 21.
- Lindsay, Charles H., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Aircraft fire extinguishing system. 2,336,942; Dec. 14.
- Lindsay, Harvey B., Evanston, assignor, by mesne assignments, to Lindsay & Lindsay, Chicago, Ill. Pontoon bridge. 2,326,236; Aug. 10.
- Lindsay Light & Chemical Company. (See Rinman, Harry, assignor.)
- Lindsay & Lindsay. (See Lindsay, Harvey B., assignor.)
- Lindsay, Maxwell H. A., Summit, N. J., and H. J. Pearson, New York, N. Y., assignors to American District Telegraph Company, Jersey City, N. J. Radiant energy alarm system. 2,332,154; Oct. 9.
- Lindsay Ripe Olive Company. (See Drake, E. P., Alberty, and Kagle, assignors.)
- Lindsay, Wesley N., Brooklyn, N. Y., and H. C. Lietz, San Francisco, Calif., assignors to The Arabol Manufacturing Company, New York, N. Y. Adhesive composition. 2,308,185; Jan. 12.
- Lindsey, Benjamin S., assignor to The Milwhite Company, Incorporated, Houston, Tex. Conditioning of drilling muds. 2,320,622; June 1.
- Lindsey, Ernest E., Los Angeles, Calif., assignor to Inta-Freeze Corporation. Device for making frozen confections. 2,317,624; Apr. 27.
- Lindsey, William L., and H. Wilson, Fort Benning, Ga. Aerial delivery container. 2,329,723; Sept. 21.
- Lindsley, Milton F., Jr., assignor to The King Powder Company, Kings Mills, Ohio. Making explosives. 2,320,971; June 1.
- Lindsley, Milton F., Jr., assignor to The King Powder Company, Kings Mills, Ohio. Explosive composition. 2,320,972; June 1.
- Lindstaedt, Frank F., and D. L. Shatto, San Francisco, Calif. Bromine extraction process. 2,323,549; July 6.
- Lindström, Aksel. (See Skerfving, S. and Lindström.)
- Lindstrom, Charles M., East Greenwich, assignor to Boston Wire Stitcher Company, Warwick, R. I. Fastener applying implement. 2,337,479; Dec. 21.
- Lindstrom, Harry E. (See Bohnenblast, Alvin A., assignor.)

- Lindstrom, Ture, Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Field discharge circuit breaker. 2,318,086; May 4.
- Lindstrom, Ture, Edgewood, and J. Sandin, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,310,854; Feb. 9.
- Lindstrom, Ture, Edgewood, and J. W. May, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,322,301; June 22.
- Line Material Company. (See Anderson, Clarence B., assignor.)
- Line Material Company. (See Brown, Chester W., assignor.)
- Line Material Company. (See Dorn, G., and Weyland, assignors.)
- Line Material Company. (See Earle, Ralph H., assignor.)
- Line Material Company. (See Fry, Clifford N., assignor.)
- Line Material Company. (See King, Andrew L., assignor.)
- Line Material Company. (See Kyle, William D., assignor.)
- Line Material Company. (See Link, Edwin A., assignor.)
- Line Material Company. (See Nelson, R. D., and Link, assignors.)
- Line Material Company. (See Schultz, William O., assignor.)
- Line Material Company. (See Schultz, W. O., and Steinmayer, assignors.)
- Line Material Company. (See Smythe, Robert L., assignor.)
- Line Material Company. (See Steinmayer, Alvin G., assignor.)
- Line Material Company. (See Steinmayer, A. G., and Brown, assignors.)
- Line Material Company. (See Stoeltgen, Herman O., assignor.)
- Line Material Company. (See Wickstrom, Harry L., assignor.)
- Line Material Company. (See Wiegand, David E., assignor.)
- Line Material Company. (See Willson, James P., assignor.)
- Lineback, Thomas J., St. Louis, assignor of one-fourth to E. J. Morse, Clayton, Mo. Mattress or the like. 2,328,083; Aug. 31.
- Linehan, Edward, Hillman, Minn. Variable pitch propeller. 2,315,213; Mar. 30.
- Linehan, Irvin B., Chicago, Ill. Joist anchoring bracket. 2,321,221; June 8.
- Linen Guild, Inc. (See Montague, John T., assignor.)
- Liner, Joseph I., assignor to The Electric Auto-Lite Company, Toledo, Ohio. Thermoelectric indicator. 2,313,640; Mar. 9.
- Lines, Frank H., and R. W. Towle, Sr., assignors to Defender Photo Supply Co., Inc., Rochester, N. Y. Photographic material containing envelope. 2,310,371; Feb. 9.
- Linford, Henry B. (See Betterton, J. O., Phillips, and Linford.)
- Linford, Hooper, and A. L. Blount, Palos Verdes Estates, assignors to Union Oil Company of California, Los Angeles, Calif. Plasticizer. 2,337,671; Dec. 28.
- Ling, Chung, New York, N. Y. Process and apparatus for photo sculpture. 2,335,127; Nov. 23.
- Lingal, Harry J., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switch. 2,307,595; Jan. 5.
- Lingel, Frederick J., assignor to The Triplett Electrical Instrument Co., Bluffton, Ohio. Electrical measuring instrument. 2,327,114; Aug. 17.
- Lingel, Frederick J., assignors to R. L. Triplett, Bluffton, Ohio. Exposure meter. 2,329,630; Sept. 14.
- Lingle, William H., Flint, Mich. Agricultural implement. 2,327,198; Aug. 17.
- Lingold, John C., assignor to Crane Co., Chicago, Ill. Flush valve actuator. 2,308,478; Jan. 12.
- Linhardt, Charles, Jr., Baltimore, Md. Marine torch. 2,322,716; Jan. 22.
- Linhardt, John H. (See Wilson, Edward and Edward H., and Linhardt.)
- Link, Alfred. (See Kerth, M., and Link.)
- Link Aviation Devices, Inc. (See Lowkrantz, Gunne, assignor.)
- Link-Belt Company. (See Fulson, Hiram O., assignor.)
- Link-Belt Company. (See Hartley, W. L., and Whitehead, assignors.)
- Link-Belt Company. (See Hartman, Byron K., assignor.)
- Link-Belt Company. (See Keller, Henry G., assignor.)
- Link-Belt Company. (See Kuch, Joseph, Jr., assignor.)
- Link-Belt Company. (See Sayers, William W., assignor.)
- Link-Belt Company. (See Strube, Harry L., assignor.)
- Link-Belt Company. (See Tark, Marcus B., assignor.)
- Link-Belt Company. (See Weiss, C. R., and Parker, assignors.)
- Link-Belt Speeder Corporation. (See Lehti, D. W., and Crow, assignors.)
- Link-Belt Speeder Corporation. (See Schoelm, Charles F., assignor.)
- Link, Edwin A. (See Nelson, R. D., and Link.)
- Link, Edwin A., assignor to Line Material Company, South Milwaukee, Wis. Fuse device. 2,331,839; Oct. 12.
- Link, Forest L. W., Silverton, assignor to The Globe-Wernicke Company, Norwood, Ohio. Typewriter desk. 2,315,436; Mar. 30.
- Linke, Heinz, Gusseneau, Germany; vested in the Allen Property Custodian. Fuel injection pump. 2,325,524; July 27.
- Linn, Alexander M., Houston, Tex. Sash lift. 2,336,738; Dec. 14.
- Linn, Carl B. (See Grosse, A. V., and Linn.)
- Linn, Carl B., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of paraffin hydrocarbons. 2,307,799; Jan. 12.
- Linn, Carl B., and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Production of ethers. 2,332,467; Oct. 19.
- Linnhoff, Wolfgang. (See Stoeckly, J. J., and Linnhoff.)
- Liotone Corporation. (See Huggins, Owen R., assignor.)
- Linquist, George F., assignor to I. F. Laucks, Inc., Seattle, Wash. Edge gluing process. 2,317,281; Apr. 20.
- Linquist, William, assignor to A. L. Austin, Cleveland, Ohio, as trustee. Welding rod holder. 2,312,763; Mar. 2.
- Linscott, Chester E., Ridgewood, and J. McGavack, Leonia, N. J., assignors to United States Rubber Company, New York, N. Y. Treating latex. 2,327,115; Aug. 17.
- Linsley, Douglas F., Greenwich, assignor to Schick Incorporated, Stamford, Conn. Back lash take-up. 2,315,343; Mar. 30.
- Linsedt, William F., Freeport, assignor to Kraft Cheese Company, Chicago, Ill. Filling mechanism. 2,236,302; Aug. 10.
- Linton, Edwin A., Chews Landing, N. J., assignor to General Electric Company. Electric switchgear. 2,308,290; Jan. 12.
- Linton, William C., Washington, D. C. assignor to Fuse Indicator Corporation, Rockville, Md. Combined fuse indicator and lock-in device. 2,309,517; Jan. 28.
- Lintz, Mark, San Francisco, Calif. Vibrating screen. 2,312,343; Mar. 2.
- Linville, John R., Dunsmuir, Okla. Retaining clip for spectacle cases. 2,318,238; May 4.
- Linville, Thomas M., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,319,614; May 18.
- Liz, William W., Chicago, Ill. Resilient body. 2,310,873; May 25.
- Lion Oil Refining Company. (See Allinson, John J., assignor.)
- Lion Oil Refining Company. (See Allinson, J. J., Poole, and Grant, assignors.)
- Lionel Corporation, The. (See Bonanno, J. L., and Ehret, assignors.)
- Lionel Corporation, The. (See Bonanno, Joseph L., assignor.)
- Lionel Corporation, The. (See Bonanno, J. L., and Ehret, assignors.)
- Lionel Corporation, The. (See Ehret, A., and Ferri, assignors.)
- Lionel Corporation, The. (See Ferri, Henry J., assignor.)
- Lionel Corporation, The. (See Smith, Richard G., assignor.)
- Lipin, Antoni, Newcastle Creek, New Brunswick, Canada. Railway crossing signal. 2,309,461; Jan. 28.
- Lipani, Joseph, Brooklyn, N. Y. Quick-setting duplex toolholder. 2,333,021; Oct. 26.
- Lipari, Charles, Brooklyn, N. Y. Safety night light glass. 2,315,803; Apr. 6.
- Lipe-Rolway Corporation. (See Mariotte, Eugene S., assignor.)
- Lipe, V. C., Inc. (See Mariotte, Eugene S., assignor.)
- Lipic, Jos., Pen Company. (See Lipic, Joseph G., Jr., assignor.)
- Lipic, Joseph G., Jr., assignor to Jos. Lipic Pen Co., St. Louis, Mo. Holder for pencils and the like. 2,318,171; May 4.
- Lipic, Sylvester G., St. Louis, Mo. Calendar pencil. 2,329,631; Sept. 14.
- Lipman, Michael, deceased, New York, N. Y., E. G. Fish and J. O. Lipman, executors. Typewriter case. 2,311,057; Feb. 16.
- Lipman, Olmstead, executor, et al. (See Lipman, Michael.)
- Lipman, Paul, New York, N. Y. Stiffened garment hanger. 2,337,828; Dec. 28.
- Lipowitz, Lewis, Baltimore, Md. Combination book match and sample or advertising carrier. 2,320,940; June 1.
- Lippper, Allen L., et al. (See Miller, Clarence H., assignor.)
- Lippper, Ivan L., et al. (See Miller, Clarence H., assignor.)
- Lippert, Erhard M., assignor to Victor Adding Machine Company, Chicago, Ill. Platen mechanism. 2,318,000; May 4.
- Lippitt, Stephen W., Cleveland, Ohio. Flat knitting machine. 2,312,565; Mar. 2.
- Lippman, Alfred, Jr., and R. L. Comstock, Weeks, assignors to Bay Chemical Company, Inc., New Orleans, La. Manufacture of sodium or potassium sulphate and hydrogen chloride. 2,336,180; Dec. 7.

- Lippmann, Daniel C., Glenbrook, Conn., assignor to Celanese Corporation of America. Closure fastener. 2,336,554; Dec. 14.
- Lippold, Carl J., Wauwatosa, assignor to J. M. Nash Company, Milwaukee, Wis. Finishing and polishing equipment. 2,322,459; June 22, Jan. 5.
- Lipscomb, John F. (See Greenleaf, L. B., and Lipscomb.)
- Lipscomb, Robert U., and W. G. Reld, El Paso, Tex. Automatic center adjuster. 2,314,149; Mar. 16.
- Lipshaw, Julius, Detroit, Mich. Specimen blade sharpener. 2,328,221; Aug. 31.
- Lipsius, Samuel, New York, N. Y. Apparatus for coating. 2,319,342; May 18.
- Lipsius, Sol T. (See Buxton, L. O., and Lipsius.)
- Lipsius, Sol T., Newark, assignor to National Oil Products Company, Harrison, N. J. Water-dispersible fat-soluble vitamin composition and preparing the same. 2,311,554; Feb. 16.
- Lipton, Sarah. (See Brill, R. L., and Lipton.)
- Liquid Carbonic Corporation, The. (See Becker, Ernest E., assignor.)
- Liquid Carbonic Corporation, The. (See Jordan, W. D., and Van Vliet, assignors.)
- Liquid Carbonic Corporation, The. (See Kantor, James, assignor.)
- Liquid Carbonic Corporation, The. (See Kantor, J., and Rosenberg, assignors.)
- Liska, John W., and L. E. Wilson, R. F., and Liska.)
- Liskow, John G. (See Pfau, A. C., and Liskow.)
- Lisle, Elmer, Milwaukee, Wis. Pneumatic cartridge and gun. 2,327,653; Aug. 24.
- Lissauer, Adolph W., Louisville, Ky., and A. Wright, Upper Merion, N. J.; said Lissauer, now by judicial change of name to A. W. Lissauer. Treating sucrose-bearing lipids. 2,302,322; Jan. 5.
- Lissauer, Arthur W. (See Lissauer, A. W., and Wright.)
- Lissman, Marcel A., Temple City, assignor to Western Precipitation Corporation, Los Angeles, Calif. Rectifying apparatus for electrical precipitators. 2,326,237; Aug. 10.
- Lisson-Melen Co. (See Levine, David I., assignor.)
- Lister, Donald M., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Refining of rosin and rosin derivatives. 2,325,410; July 27.
- Lister, R. A., and Company Limited. (See Ashworth, Percy B., assignor.)
- Lister, R. A., & Company Limited. (See Werrett, Roy, assignor.)
- Litcontrol Corporation. (See Roy, Walter L., assignor.)
- Lithgow, John, and L. K. Jackson, Cleveland, Ohio, assignors to Sears, Roebuck and Co., Chicago, Ill. Absorption refrigerator. 2,308,520; Jan. 19.
- Lithgow, John, and L. K. Jackson, Cleveland, Ohio, assignors to Sears, Roebuck and Co., Chicago, Ill. Brine tank. 2,313,080; Mar. 9.
- Lithgow, John, and L. K. Jackson, Cleveland, Ohio, assignors to Sears, Roebuck and Co., Chicago, Ill. Absorption refrigerator. 2,313,707; Mar. 9.
- Lithograph Press Manufacturing Company, The. (See Stempel, Laszlo M., assignor.)
- Lithographic Technical Foundation, Inc. (See George, Anthony, assignor.)
- Little, Thomas J., Jr., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Portable ironing machine. 2,319,416; May 18.
- Little, Thomas J., Jr., South Bend, Ind., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Pressure indicator for clothes wringers. 2,323,872; July 6.
- Litman, Morris, Springfield, Mass. Receptacle. 2,313,882; Mar. 16.
- Litschert, Ralph A., Winchester, Ind. Mounting for telescope sights for guns. 2,336,107; Dec. 7.
- Litschgi, Rosalyn, St. Louis, Mo. Cigarette rest for ash receptacles. 2,333,259; Nov. 2.
- Littell, F. J., Machine Company. (See Littell, Frederick M., assignor.)
- Littell, F. J., Machine Company. (See Miller, E. R., Littell, and Budlong, assignors.)
- Littell, F. M. (See Miller, E. R., Littell, and Budlong.)
- Littell, Frederick M., Detroit, Mich., assignor to F. J. Littell Machine Company, Chicago, Ill. Cradle reel. 2,323,477; July 6.
- Little, Arthur D. (See Johnston, Lotte H., assignor.)
- Little, Bunyan H., assignor to Hercules Powder Company, Wilmington, Del. Textile printing paste. 2,308,763; Jan. 19.
- Little, Charles H. (See Little, Charles H., assignor.)
- Little, Charles H., assignor of one-tenth to C. H. Little, Cleveland Heights, Ohio. Drafting machine. 2,324,457; July 13.
- Little, Earl W., deceased, Indianapolis, Ind., E. W. Little, administrator. 2,316,263; Apr. 13.
- Little, Edward W., administrator. (See Little, Earl W.)
- Little, Edwin G. (See Bone, H. L., and Little.)
- Little, Frederick J., Malone, N. Y. Cleaning apparatus. 2,309,251; Jan. 26.
- Little, George A. (See Ducker, L. F., and Little.)
- Little, Harry C., San Rafael, Calif. Lighter rod. 2,320,825; June 1.
- Little, Harry C., San Rafael, Calif. Thermostatic fuel control for heater. 2,326,734; Aug. 10.
- Little, John B. (See Harrison, H. C., and Little.)
- Little, John R. (See Drewsen, P., and Little.)
- Little-Jones Company, The. (See Koch, Arthur, assignor.)
- Little, Julius G., assignor to Hercules Powder Company, Wilmington, Del. Textile fiber and producing. 2,331,840; Oct. 12.
- Little, Robert J., Gates, and T. J. Judge, assignors to General Railway Signal Company, Rochester, N. Y. Polar relay. 2,314,228; Mar. 16.
- Little, Royal, Narragansett, and F. J. Kent, Glen Rock, assignor to Atlantic Rayon Corporation, Providence, R. I. Creel. 2,337,904; Dec. 28.
- Littlejohn, Vance T., Greensboro, N. C. Book support. 2,307,143; Jan. 5.
- Littlejohn, Vance T., Greensboro, N. C. Book support. 2,307,144; Jan. 5.
- Littlepage, Thomas P., Jr., Washington, D. C. Weaving frame. 2,316,698; Apr. 13.
- Littleton, Jesse T., assignor to Corning Glass Works, Corning, N. Y. Glass forming apparatus. 2,326,044; Aug. 3.
- Littleton, Jesse T., H. R. Lillie, and W. W. Shaver, assignors to Corning Glass Works, Corning, N. Y. Tempering glass. 2,311,846; Feb. 23.
- Littman, Zeno, New York, N. Y. Airplane wing, aileron, and airplane rudder. 2,333,482; Nov. 2.
- Littmann, Edwin R., Westfield, N. J., assignor to Standard Oil Development Company. Protecting cellulosic materials. 2,310,006; Mar. 30.
- Littmann, Edwin R., Westfield, N. J., assignor to Hercules Powder Company, Wilmington, Del. Dehydroabietic acid derivatives. 2,319,696; May 18.
- Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Electron beam concentrating system. Re. 2,329,897; Nov. 2.
- Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Velocity modulated electrical discharge tube. 2,309,966; Feb. 2.
- Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Vacuum tube seal and method. 2,309,967; Feb. 2.
- Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Modulation system for velocity modulation tubes. 2,312,919; Mar. 2.
- Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Anode cooling jacket. 2,312,920; Mar. 2.
- Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Equipotential cathode. 2,314,097; Mar. 16.
- Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Control system for velocity modulation tubes. 2,316,264; Apr. 13.
- Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Fabricating vacuum tubes. 2,320,941; June 1.
- Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Electrode structure for velocity modulation tubes. 2,325,865; Aug. 3.
- Litton, Charles V., Redwood City, Calif., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Spiral filament. 2,334,716; Nov. 23.
- Litton, Charles V., Redwood City, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Metal seal member. 2,336,488; Dec. 14.
- Litton, Felix B., and A. U. Seybolt, Columbus, Ohio, assignors by mesne assignments, to Electro Metallurgical Company, Copper alloy. 2,307,051; Jan. 5.
- Littwin, Leo F., Chicago, Ill. Electric valve translating circuit. 2,336,268; Dec. 7.
- Litty, Fred, Laurelton, Long Island, N. Y. Photographic printing type. 2,336,489; Dec. 14.
- Litwin, Max, and E. Milner, Cincinnati, and J. Ellert, St. Bernard, assignors to Litwin & Sons, Cincinnati, Ohio. Pin and socket connection. 2,322,947; June 29.
- Litwin, Max, and E. Milner, assignors to Litwin & Sons, Cincinnati, Ohio. Pin and socket connection. 2,325,691; Aug. 3.
- Litwin & Sons. (See Litwin, M., and Milner, assignors.)
- Litwin & Sons. (See Litwin, M., Milner, and Ellert, assignors.)
- Livak, John E. (See Heitz, R. G., and Livak.)
- Livak, John E. (See Taylor, F. L., and Livak.)
- Livar, Allen P., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Percolator boiler. 2,316,603; Apr. 13.
- Livar, Allen P., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Wall panel for furnace jackets or the like. 2,324,710; Jan. 20.
- Lively, James W., San Jose, Calif. Carton sealing device. 2,324,405; July 13.
- Liverman, Dennis L., Norfolk, Va. Mercury leveling device. 2,308,088; Jan. 12.
- Livermont, Frank W., Glendale, assignor of one-third to R. A. Livingston and one-third to R. L. Ames, Los Angeles, Cal. Protector. 2,334,424; Nov. 16.
- Livernore, Harvey J., Detroit, Mich., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Water dispersed adhesive composition and articles comprising the same. 2,311,301; Feb. 16.

- Livermore, Harvey J., and G. F. Lindner, Detroit, Mich., and H. N. Stephens, White Bear, assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn., Rubber and asphalt dispersion cement. 2,310,972; Feb. 16.
- Livermore, William T., Grosse Pointe, Mich. Pump. 2,333,323; Nov. 2.
- Livers, John F., assignor to Faries Manufacturing Company, Decatur, Ill. Fluorescent bed lamp. 2,308,986; Jan. 19.
- Livingston, Callard. (See Hooker, D. E., and Livingston.)
- Livingston, Donald B., Beverly, assignor of one-half to Kinney Manufacturing Company, Jamaica Plain, and one-half to R. C. Perrin, Gloucester, Mass. Winch structure. 2,326,785; Apr. 17.
- Livingston, Harold A., and C. J. Cardona, Hollywood, Calif., said Cardona assignor to said Livingston. Seam ripper. 2,320,784; June 1.
- Livingston, James H., 3rd. (See Trier, C. L., and Livingston.)
- Livingston, John, Pelham Manor, N. Y. Rudder. 2,331,708; Oct. 32.
- Livingston, John T., Fanwood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Door control. 2,329,476; Sept. 14.
- Livingston, John W. (See Bone, H. L., and Livingston.)
- Livingston, John W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Dynamo-electric machine and mounting means therefor. 2,315,065; Mar. 30.
- Livingston, Orrin W. (See Holmes, L. L., Jr., and Livingston.)
- Livingston, Orrin W. (See Moyer, E. E., and Livingston.)
- Livingston, Orrin W. (See Moyer, E. E., Livingston, and Leigh.)
- Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Electric valve translating system. 2,331,124; Oct. 6.
- Livingston, Orrin W., Scotia, N. Y., assignor to General Electric Company. Time delay relay. 2,337,905; Dec. 28.
- Livingston, Richard A., et al. (See Livermont, Frank W., assignor.)
- Livingston, Roy D., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,317,543; Apr. 27.
- Livingston, Walter, Hastings, Nebr. Casket flower holder. 2,319,243; May 18.
- Liwischitz, Michael. (See Kilgore, L. A., and Liwischitz.)
- Liwischitz, Michael, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor starting control. 2,320,875; June 1.
- Liwischitz, Michael, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric ship propulsion. 2,321,302; June 8.
- Liwischitz, Michael, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Induction motor with open-slot rotor windings. 2,333,538; Nov. 2.
- Ljubetich, Carmen, D. Ljubetich and F. Boskovich, San Pedro, Calif., and A. Joncich, Everett, Wash. Fur seine. 2,310,702; Feb. 9.
- Ljubetich, Dominic. (See Ljubetich, Carmen and D. Boskovich, and Joncich.)
- Ljungstrom, Erik, Lidings, Sweden. Hermetically sealed can. 2,314,452; Mar. 23.
- Ljungstrom, Fredrik, Brevik, Lidings, Sweden, assignor, by mesne assignments, to J. C. Marble, L. M. Merrill, and P. H. Batten, trustees. Heat exchange. 2,313,081; Mar. 9.
- Llewellyn, Frederick B., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,308,523; Jan. 19.
- Llewellyn, Frederick B., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,312,723; Mar. 2.
- Lloyd, Elmer J., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Chair. 2,325,141; July 27.
- Lloyd, John, assignor to Sir W. G. Armstrong Whitworth Aircraft Limited, Coventry, England. Landing gear of airplanes. 2,338,046; Dec. 28.
- Lloyd, Samuel F., Junction City, Kans. Food preparing and vending machine. 2,337,117; Dec. 21.
- Lloyd, Stewart. (See Kennedy, Abiel M., assignor.)
- Lloyd, William H. (See Chalupa, J. P., and Lloyd.)
- Lloyd, William H., Philadelphia, and J. A. Rydmark, Lansdowne, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade locking apparatus. 2,315,631; Apr. 6.
- Loane, Leslie A., Leicester, and G. Pell, Sr., Northampton, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Stiffening the uppers of shoes. 2,319,332; May 18.
- Loane, Clarence M. (See Gaynor, J. W., and Loane.)
- Loane, Clarence M., Hammond, Ind., and J. W. Gaynor, assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,316,078; Apr. 6.
- Loane, Clarence M., Hammond, Ind., and J. W. Gaynor, assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,316,079; Apr. 6.
- Loane, Clarence M., Hammond, Ind., and J. W. Gaynor, assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,316,080; Apr. 6.
- Loane, Clarence M., Hammond, Ind., and J. W. Gaynor, assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,316,081; Apr. 6.
- Loane, Clarence M., Hammond, Ind., and J. W. Gaynor, assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,316,082; Apr. 6.
- Loane, Clarence M., Hammond, Ind., and J. W. Gaynor, Chicago, Ill., and L. W. Mixon, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,316,083; Apr. 6.
- Loane, Clarence M., Hammond, Ind., and J. W. Gaynor, assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,316,084; Apr. 6.
- Loane, Clarence M., Hammond, Ind., and J. W. Gaynor, assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,316,085; Apr. 6.
- Loane, Clarence M., Hammond, Ind., and J. W. Gaynor, assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,322,559; June 29.
- Loane, Clarence M., Hammond, Ind., and J. W. Gaynor, assignors to Standard Oil Company, Chicago, Ill. Modified hydrocarbon polymer. 2,330,900; Oct. 5.
- Lobdell, Burr, Cowdrey, Colo. Gun sight. 2,311,180; Feb. 16.
- Lobdell Car Wheel Company. (See Hartman, Joseph, assignor.)
- Lobel, Rudolph, et al. (See Kaphen, Ludwig, assignor.)
- Lobelle, Marcel J. O., assignor to R. Malcolm Limited, Slough, England. Releasable towing apparatus. 2,332,155; Oct. 19.
- Lobelle, Marcel J. O., assignor to R. Malcolm Limited, Slough, England. Towing and release mechanism. 2,333,021; Nov. 2.
- Lohr, Frederick, Middleboro, Mass. Electric heating pad. 2,323,478; July 6.
- Lobl, Victor, and E. L. McCormack, Spindale, N. C. Loom reed threading device. 2,324,220; July 13.
- Lohstein, Jean, Paris, France; vested in the Alien Property Custodian. Electric heating apparatus for all applications. 2,313,492; Mar. 4.
- Lo Cascio, Pasquale, and J. Kaufman, Brooklyn, N. Y., and P. Coviello, Woodcliff, N. J. Automatic lather machine. 2,319,244; May 18.
- Lochhead, John L., and M. C. Benner, Springfield, Mass. Discharger for pyrotechnic cartridges. 2,326,786; Aug. 17.
- Loek, Frank, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Hoist. 2,335,508; Nov. 30.
- Lockart, Edward P. (See Boeglen, D. L., and Lockart.)
- Locke, Arthur A., assignor to Miller Laundry Machinery Company, Detroit, Mich. Washing machine. 2,312,657; Mar. 2.
- Locke Insulator Corporation. (See Roberts, Charles W., assignor.)
- Locke Insulator Corporation. (See Stevens, Leland J., assignor.)
- Locke, James S., Park Ridge, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Gas fired air conditioning system. 2,327,536; Aug. 24.
- Locke, Sam P., Mexico, Mo. Water heater. 2,330,436; Sept. 28.
- Lockett, William J., Los Angeles, Calif., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Booster pump throat. 2,316,007; Apr. 6.
- Lockhart, Lewis A. (See Smith, T. F., and Lockhart.)
- Lockhart, Marshall L., Ossining, N. Y. Hypodermic injector. 2,322,244; June 22.
- Lockhart, Marshall L., Ossining, N. Y. Hypodermic injector and use thereof. 2,322,245; June 22.
- Lockheed Aircraft Corporation. (See Baukind, Robert H., assignor.)
- Lockheed Aircraft Corporation. (See Beed, Carl F., assignor.)
- Lockheed Aircraft Corporation. (See Bucklein, Frank P., assignor.)
- Lockheed Aircraft Corporation. (See Ellis, W. H., and Betts, assignors.)
- Lockheed Aircraft Corporation. (See Gasser, Thomas W., assignor.)
- Lockheed Aircraft Corporation. (See Gerber, John, assignor.)
- Lockheed Aircraft Corporation. (See Johnson, Clarence L., assignor.)
- Lockheed Aircraft Corporation. (See Price, Nathan C., assignor.)
- Lockheed Aircraft Corporation. (See Warner, Edward R., assignor.)
- Lockie, Arthur M., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective system for electrical apparatus. 2,337,829; Dec. 28.
- Lock Joint Pipe Company. (See Brend, William R., assignor.)
- Lockman, Frank D. (See Smith, C. E., and Lockman.)
- Löckmann, Hans W., Bielefeld, and H. Wana, Berlin, Germany; vested in the Alien Property Custodian. Endless belt. 2,328,475; Aug. 31.

- Lockridge, William R., administrator. (See Loughridge, Matthew H.)
- Lock-Seal Company, The. (See Jacobsen, Otto S., assignor.)
- Lockstrip Manufacturing Corporation. (See Knight, Richard S., assignor.)
- Lockwood, Charles H., Atchison, Kans. Record binder. 2,333,022; Oct. 26.
- Lockwood, Lee J., Freeport, assignor to Burgess Battery Company, Chicago, Ill. Pocket flashlight. 2,329,063; Sept. 7.
- Lockwood, Lewis B. (See Stubbs, J. J., Lockwood, Roe, and Ward.)
- Lockwood, Louis H., Rohrerstown, assignor to Armstrong Cork Company, Lancaster, Pa. Apparatus for making closures. 2,317,330; Apr. 20.
- Lockwood, William H. (See Henke, C. O., and Lockwood.)
- Locomotive Finished Material Company, The. (See Muchnic, Henry E., assignor.)
- Locomotive Firebox Company. (See Christenson, Gust J., assignor.)
- Locomotive Firebox Company. (See Larson, Bert E., assignor.)
- Lodding, Frederick W., Worcester, Mass. Doctor operating mechanism for rolls and cylinders. 2,318,504; May 4.
- Lodding, Frederick W., Worcester, Mass. Doctor blade for rolls and cylinders. 2,329,277; Sept. 14.
- Lodeesen, Herman J., Royal Oak, assignor to Parker Rust Proof Company, Detroit, Mich. Solution and treating metal. 2,335,868; Dec. 7.
- Lodeesen, Herman J., Royal Oak, and H. K. Ward, Detroit, assignors to Parker Rust Proof Company, Wayne County, Mich. Coating metal and material. 2,314,887; Mar. 30.
- Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic dehydrogenation and hydrogenation. 2,321,551; June 8.
- Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamides. 2,327,116; Aug. 17.
- Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of esters. 2,331,094; Oct. 26.
- Loder, Donald J. and W. F. Gresham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of aldehydes. 2,307,934; Jan. 12.
- Loder, Donald J., and A. McLevy, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Oxidation of organic compounds. 2,316,604; Apr. 13.
- Loder, Donald J., W. F. Gresham, and D. E. Killian, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic esters. 2,316,605; Apr. 13.
- Loder, Donald J., and W. F. Gresham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polycarboxylic acids. 2,316,606; Apr. 13.
- Loder, Donald J., W. F. Gresham, and D. E. Killian, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of alkoxy-substituted esters and products. 2,321,608; June 15.
- Loder, Johan, Wassenaar, Netherlands; vested in the Alien Property Custodian. Control mechanism for motor driven fluid measuring apparatus. 2,311,905; Feb. 23.
- Loder, Johan, Wassenaar, Netherlands; vested in the Alien Property Custodian. Price computing and indicating mechanism. 2,320,061; May 25.
- Lodge, Alvin. (See Koster, F. W., Bitler, and Lodge.)
- Lodge, Alvin, Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Method and apparatus for crimping textile fibrous material. 2,321,757; June 15.
- Lodge, Alvin, Meadville, Pa., assignor to American Viscose Corporation, Wilmington, Del. Apparatus for the liquid treatment of yarn and the like. 2,331,207; Oct. 5.
- Lodge, Edmund G., assignor to Stackpole Carbon Company, St. Marys, Pa. Gaseous discharge lighting apparatus. 2,319,144; May 11.
- Lodge, Edmund G., assignor to Stackpole Carbon Company, St. Marys, Pa. Current interrupting device. 2,325,142; July 27.
- Lodge & Shipley Machine Tool Company, The. (See Fritzsche, Frank J., assignor.)
- Lodwig, Erwin, Franklin Square, assignor to Mobile Refrigeration, Inc., New York, N. Y. Refrigeration. 2,318,318; May 4.
- Loeffel, Lester H., West Haven, assignor to The Berger Brothers Company, New Haven, Conn. Brassiere and breast pad. 2,323,143; June 29.
- Loeffler, Albert, New York, N. Y. Razor blade sharpener. 2,331,486; Oct. 12.
- Loeffler, Bruno, West New York, and J. S. Pelan, North Plainfield, N. J., assignors to Mack Manufacturing Corporation, Long Island City, N. Y. Heater for engine manifolds. 2,320,528; June 1.
- Loeffler, Bruno, West New York, and J. S. Pelan, North Plainfield, N. J., assignors to Mack Manufacturing Corporation, Long Island City, N. Y. Heat control time switch. 2,322,860; June 29.
- Loeffler, Clarence R., Newark, assignor to Downy Products Company, Orange, N. J. Nonmetallic fibrous abrasive wad and producing same. 2,327,199; Aug. 17.
- Loeffler, John E., assignor to Loeffler Steam Generator Company, Houston, Tex. Rotary vapor generator. 2,316,522; Apr. 13.
- Loeffler Steam Generator Company. (See Loeffler, John E., assignor.)
- Loesch, Richards L., Montrose, Colo. Coin case. 2,334,016; Nov. 9.
- Loetz, Charles E., Kansas City, assignor to Anderson-Stolz Corporation, Kansas City, Mo. Deodorant. 2,310,099; Feb. 2.
- Loetscher, David L. (See Ayers, S. H., and Loetscher.)
- Loevenstein, Hirsch, assignor, by mesne assignments, of one-half to Independent Aluminum Corporation, New York, N. Y. Manufacture of aluminum. Re. 2,270; Feb. 16.
- Loevenstein, Hirsch, Paris, France, assignor to Independent Aluminum Corporation, New York, N. Y. Continuous furnace for the separation of a metal alloyed with other metals. 2,331,988; Oct. 19.
- Loew, Edward J. (See Weinrich, W. W. and Loew.)
- Loewe, Walter S., New Rochelle, assignor to W. Neumann, Scarsdale, N. Y. Secondary and tertiary amino-methyl-polyhydroxy-phthalides. Re. 2,264; Feb. 9.
- Loewengart, Justin, assignor to Transcontinental Rubber Corporation, New York, N. Y. Applying colored designs onto rubber articles. 2,313,650; Mar. 9.
- Loewy, Egon, now by judicial change of name Egon Loy, assignor to Loy Corporation, New York, N. Y. Finishing treatment for felt and felt hat bodies. 2,337,758; Dec. 28.
- Loewy Engineering Company Limited, The. (See Lorient, Hugo, assignor.)
- Lofgren, Einar G., Minneapolis, Minn. Flatiron. 2,332,468; Oct. 19.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electro-lux Corporation, New York, N. Y. Vacuum cleaner. 2,312,426; Mar. 2.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electro-lux Corporation, New York, N. Y. Suction nozzle. 2,318,317; May 4.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electro-lux Corporation, Dover, Del. Vacuum cleaner. 2,321,222; June 8.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electro-lux Corporation, Dover, Del. Cord-winding device. 2,322,038; June 15.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electro-lux Corporation, New York, N. Y. Vacuum cleaner. 2,322,948; June 29.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electro-lux Corporation, Dover, Del. Cord-winding device. 2,323,275; June 29.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electro-lux Corporation, Dover, Del. Cord-winding device. 2,324,711; July 20.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electro-lux Corporation, New York, N. Y. Vacuum cleaner. 2,331,188; July 27.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electro-lux Corporation, Dover, Del. Vacuum cleaner. 2,335,428; Nov. 30.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electro-lux Corporation, Dover, Del. Handle. 2,337,561; Dec. 28.
- Lofgren, Gustaf E., Riverside, Conn., assignor to Electro-lux Corporation, New York, N. Y. Vaporizer. 2,337,992; Dec. 28.
- Lofgren, Gustaf E., Riverside, and C. E. Stevens, Greenwich, Conn., assignors to Electro-lux Corporation, New York, N. Y. Latching mechanism. 2,324,406; July 13.
- Lofthelm, Tor B., Oslo, Norway; vested in the Alien Property Custodian. Separator. 2,317,785; Apr. 27.
- Loftus, Fred H., Pittsburgh, Pa. Combustion control. 2,317,927; Apr. 27.
- Loftus, William H. (See Campbell, D. J., and Loftus.)
- Logan, Edwin W., Belleville, Ill., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Switch. 2,320,942; June 1.
- Logan, Edwin W., Belleville, Ill., and J. K. Kostko, University City, assignors to The Emerson Electric Mfg. Co., St. Louis, Mo. Motor. 2,314,999; Mar. 30.
- Logan, Frank G., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company, Electric controlling apparatus. 2,315,264; Mar. 30.
- Logan, John, Jr., Chicago, Ill. Outside covering for buildings. 2,316,345; Apr. 13.
- Logan, John W., Jr., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,331,125; Oct. 5.
- Logan, Mary T., Newark, N. J. Multiple seat structure. 2,337,480; Dec. 21.
- Logan, Mason A. (See Babcock, S. M., Horton, Jr., and Logan.)
- Logan, Mason A. (See Babcock, S. M., and Logan.)
- Logan, Mason A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,315,000; Mar. 30.
- Logan, Mason A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,320,943; June 1.
- Logan, Mason A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,321,758; June 15.

- Logan, Mason A., Summit, N. J., and L. G. Schimpf, St. George, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Service observing system. 2,319,333; May 18.
- Logan, Milton G., Albroke Field, Canal Zone. Typewriter hood. 2,325,962; Aug. 3.
- Logan, Nicholas D., Fort Washington, N. Y. Collapsible frame for cellophane display boxes. 2,315,001; Mar. 30.
- Logemann, Clarence L., Milwaukee, Wis. Shoe machinery. 2,327,506; Aug. 24.
- Logemann, Willy. (See Inhoffen, H., Hohlweg, and Logemann.)
- Logemann, Willy. (See Schoeller, W., Serini, Hildebrandt, Strassberger, Kathol, and Logemann.)
- Logemann, Willy, Berlin-Charlottenburg, Germany, assignor, by mesne assignments, to Schering Corporation, Bloomfield, N. J. Polyhydric alcohols of the etiocholine and pregnane series and the manufacture thereof. 2,312,344; Mar. 2.
- Logemann, Willy, Berlin-Charlottenburg, Germany, assignor to Schering Corporation, Bloomfield, N. J. Manufacture of compounds of the cyclopentano-polyhydrophenanthrene series. 2,321,690; June 15.
- Logemann, Willy, Berlin-Charlottenburg, H. II. Inhoffen, Berlin-Wilmersdorf, and H. Eysenbach, Berlin-Conrads-hohe, Germany, assignors to Schering Corporation, Bloomfield, N. J. Cyclopentano-polyhydrophenanthrene compounds and making the same. 2,322,509; June 20.
- Logemann, Willy, Berlin-Friedenau, and W. Hildebrandt, Berlin-Pankow, Germany, assignors to Schering Corporation, Bloomfield, N. J. Manufacture of ketones of the cyclopentano polyhydrophenanthrene series. 2,324,522; July 20.
- Logue, Leland H. (See Daman, A. C., Logue and Bailey, Jr.)
- Logue, Leland H., assignor to Mining Process and Patent Company, Denver, Colo. Agglomeration of cereal grains. 2,329,402; Sept. 14.
- Logue, Leland H., assignor to Mining Process and Patent Company, Denver, Colo. Cleaning of cereal grains. 2,320,403; Sept. 14.
- Lohausen, Karl-August, Hennigsdorf, Krs. Osthaveland, Germany, assignor to General Electric Company. Producer of protective gases for the heat treatment of metals. 2,320,149; May 25.
- Lohman Bros. (See Lohman, John T. and Rowland L., assignors.)
- Lohman, John T., Los Angeles, and R. L. Lohman, North Hollywood, assignors to Lohman Bros., Los Angeles, Calif. Preventing backflow in plumbing systems. 2,310,586; Feb. 9.
- Lohman, Rowland L. (See Lohman, John T., and Rowland L.)
- Lohr, James M., Morristown, assignor to Driver-Harris Company, Harrison, N. J. Alloy. Re. 2,2356; July 27.
- Lohr, James M., Morristown, assignor to Driver-Harris Company, Harrison, N. J. Alloy. Re. 2,2357; July 27.
- Lohr, Raymond J., Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Toy top. 2,337,334; Dec. 21.
- Lohrand, William Q., Barborton, and C. H. Whitlock, assignors to The Firestone Tire & Rubber Company, Akron, Ohio, Molding plastics. 2,324,978; July 20.
- Lohman, William P., New Castle, Pa. Metal coating machine. 2,319,817; May 25.
- Lohse, Frederick E., Barrington, assignor to Crown Fastener Corporation, Warren, R. I. Concealed slider stop. 2,332,923; Oct. 26.
- Lohse, Julius, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Metallurgical process. 2,313,019; Mar. 2.
- Lohse, Julius, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Metallurgical apparatus. 2,315,123; Apr. 30.
- Loid, August, Philadelphia, Pa. Window shade. 2,309,462; Jan. 26.
- Loiselle, Guy, Ste-Agathe-Des-Monts, Quebec, Canada. Engine. 2,315,214; Mar. 30.
- Loker, Elmer H., Sergeant Bluff, Iowa. Milk strainer. 2,325,257; July 27.
- Lomax, Clarence E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic switching apparatus. 2,312,427; Mar. 2.
- Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,312,724; Mar. 2.
- Lomax, Clarence E., Oak Park, Ill. assignor to Automatic Electric Laboratories, Inc. Signaling system. 2,335,524; Nov. 30.
- Lomax, Clarence E., Oak Park, and P. Bakker, Chicago, Ill., assignors to Automatic Electric Laboratories, Inc. Current supply system. 2,330,501; Sept. 28.
- Lomax, Frank B., Chicago, Ill. Egg treating apparatus. 2,321,092; June 8.
- Lomax, Sydney C., and H. Knightson, Barking, England. Container. 2,328,084; Apr. 31.
- Lombard, Robert H. (See Milligan, L. H., and Lombard.)
- Lombard, Robert H., and L. H. Milligan, assignors to Norton Company, Worcester, Mass. Abrasive article and making the same. 2,309,463; Jan. 26.
- Lombard, Robert H., and L. H. Milligan, assignors to Norton Company, Worcester, Mass. Grinding wheel. 2,332,241; Oct. 19.
- Lombardi, Alberto, and A. Saponaro and J. R. Saponaro, Montevideo, Uruguay. Projecting system for wooden or metallic coiling curtains of any model. 2,323,612; July 2.
- Lombardini, Pietro C., Frosterley, England. Watercraft. 2,318,789; May 11.
- London, Bessie P., Baltimore, Md. Massaging apparatus. 2,328,156; Aug. 31.
- London, David. (See Walcott, Isaac, assignor.)
- London, Lon, Burley, Idaho. Self feeding extruder. 2,327,725; Aug. 24.
- Lonergan Manufacturing Company. (See Funk, James M., assignor.)
- Lonergan Manufacturing Company. (See Lonergan, Simon J., assignor.)
- Lonergan, Simon J., assignor to Lonergan Manufacturing Company, Albion, Mich. Air conditioning and circulating apparatus. 2,307,283; Jan. 5.
- Lonergan, Simon J., assignor to Lonergan Manufacturing Company, Albion, Mich. Air conditioning and circulating apparatus. 2,332,583; Oct. 26.
- Lone Star Gas Company. (See Martin, James W., assignor.)
- Loney, Harley C., Company. (See Kalafjian, Harry J., assignor.)
- Long, Archie O. (See Burton, Charles A., assignor.)
- Long, Armistead R., Fayetteville, W. Va. Combined mine car end, buffer, and draft constructions. 2,308,374; Jan. 12.
- Long, Armistead R., Fayetteville, W. Va., and J. B. Long, United States Navy, Portsmouth, Va. Mine hoistway cage. 2,327,913; Aug. 24.
- Long, Arnold, Menominee, Mich. Tire spreader. 2,323,144; June 29.
- Long, Bernard, Paris, France; vested in the Alien Property Custodian. Manufacture of multicellular glass. 2,337,672; Dec. 28.
- Long, Charles A., Oakmont, assignor to Blaw-Knox Company, Pittsburgh, Pa. Scraper or like device and mechanism for operating the same. 2,334,417; Nov. 23.
- Long, Eli M., assignor to Shuron Optical Company, Inc., Geneva, N. Y. Lens grinding and polishing machine. 2,319,417; May 18.
- Long, Fred R., Catawissa, Pa. Machine for automatically forming projectiles. 2,318,505; May 4.
- Long, George St., Louis Park, Minn., assignor to General Mills, Inc. Coupon feeder. 2,332,156; Oct. 19.
- Long, Hugh, Los Angeles, Calif. Universal tool. 2,318,172; May 4.
- Long, James W. (See Roberts, G. I., and Long.)
- Long, James W., Plainfield, and G. I. Roberts, Maywood, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Printing telegraph apparatus. 2,329,278; Sept. 14.
- Long, John, Oakland, Calif. Ship. 2,323,063; June 29.
- Long, John B. (See Long, A. R., and J. B.)
- Long, John R. (See Clifford, A. M., and Long.)
- Long, John R., assignor to Wingfoot Corporation, Akron, Ohio. Alkoxy acrylonitriles and preparing the same. 2,326,373; Aug. 10.
- Long, Kenneth E. (See Lind, R. Harshaw and Long.)
- Long, Ralph D. (See Oliver, R. C., Long, and Crosson.)
- Long, Ralph L., San Diego, Calif. Hanger for sliding doors. 2,322,529; June 22.
- Long, Sidney L., Minneapolis, Minn. Toy. 2,313,158; Mar. 9.
- Long, Stewart D., Chicago, Ill. Lady's pocketbook. 2,311,847; Feb. 23.
- Long, Stewart D., Laurel, Md. Grenade gun. 2,315,753; Apr. 6.
- Longacre, Andrew, Exeter, N. H. Hydrometer. 2,312,106; Feb. 23.
- Longdin, Harry W., Atlanta, assignor, by mesne assignments, of one-third to J. V. Malcolm, Jr., Decatur, and one-third to J. C. Stanley, Fulton County, Ga. Fillerstrator. 2,310,450; Feb. 9.
- Longe, Nelson R. (See Lovely, J. E., and Longe.)
- Longenecker, Charles L., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Portable pump or analogous machine and skid base or support therefor. 2,308,699; Jan. 19.
- Longenecker, Charles L., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Batch charging apparatus for concrete mixers. 2,314,647; Mar. 23.
- Longenecker, Levi S., Mount Lebanon, Pa. Glass melting furnace. 2,325,917; Sept. 7.
- Longerich, Ernest P., Mahwah, N. J. Television apparatus. 2,335,287; Nov. 30.
- Longfield-Smith, Longfield, Babson Park, Fla., assignor to Food Machinery Corporation, San Jose, Calif. Process for coloring fruit. 2,324,407; July 13.
- Longmaid, Sydney E., Rosemont, Pa., assignor to The Esterbrook Steel Pen Manufacturing Co., Camden, N. J. Manufacture of metal writing pens. 2,320,369; June 1.
- Longman, Stanley, Red Bank, and C. L. Farr, Cranford, N. J. Plastic packing. 2,330,502; Sept. 28.
- Longnecker, Paul R., Upper Darby, Pa. Toy. 2,308,524; Jan. 19.
- Longoria, Antonio, South Euclid, Ohio. Process of welding metals electrically. 2,330,503; Sept. 28.

- Longwell, Robert R., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective pilot wire control system. 2,357,830; Dec. 28.
- Longyear, E. J., Company, et al. (See Auld, D. W., and Anderson, assignors.)
- Lontz, John F. (See Ernsberger, M. L. and Lontz.)
- Lontz, John F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control composition. 2,310,799; Feb. 9.
- Lontz, John F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition and method. 2,322,759; June 29.
- Lontz, John F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition and method. 2,322,760; June 29.
- Lontz, John F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition and method. 2,322,761; June 29.
- Lontz, John F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition and method. 2,326,471; Aug. 10.
- Lontz, John F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Beneficiation of ores. 2,337,118; Dec. 21.
- Look, Robert, assignor to Newspaper Service Corporation, Houston, Tex. Wrapper and protective covering for articles of manufacture and commerce. 2,308,526; Jan. 19.
- Look, Robert D., assignor to Newspaper Service Corporation, Houston, Tex. Container and wrapper for articles of manufacture and commerce. 2,308,527; Jan. 19.
- Loomis, Albert G. (See Ford, T. F., and Loomis.)
- Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 2,331,405; Oct. 12.
- Loomis, Everts G., Newark, N. J. Blocking press. 2,319,145; May 11.
- Loomis, Everts G., Newark, N. J. Dehydrating press. 2,331,126; Oct. 5.
- Loomis, Frank K., New Paltz, N. Y. Wheel. 2,312,345; Mar. 2.
- Loose, Kenneth D., Bronxville, N. Y., and Charles W. Watkins, Dayton, Ohio, assignors to Loose-Wiles Biscuit Company. Baker's band oven. 2,327,727; Aug. 24.
- Loose-Wiles Biscuit Company. (See Larrimore, J., Scheller, and Jackson, assignors.)
- Loose-Wiles Biscuit Company. (See Loose, K. D., and Watkins, assignors.)
- Loose, William S., assignor to The Dow Chemical Company, Midland, Mich. Treating magnesium and its alloys. 2,313,753; Mar. 16.
- Loose, William S., assignor to The Dow Chemical Company, Midland, Mich. Protecting magnesium and its alloys from corrosion. 2,313,754; Mar. 16.
- Loose, William S., assignor to The Dow Chemical Company, Midland, Mich. Producing protective coatings upon magnesium and its alloys. 2,313,755; Mar. 16.
- Loose, William S., assignor to The Dow Chemical Company, Midland, Mich. Electroplating magnesium. 2,313,756; Mar. 16.
- Loose, William S., assignor to The Dow Chemical Company, Midland, Mich. Surface treatment for articles of magnesium and alloys thereof. 2,332,487; Oct. 19.
- Loose, William S., and H. K. De Long, assignors to The Dow Chemical Company, Midland, Mich. Providing a protective coating on magnesium and its alloys. 2,322,208; June 22.
- Lootens, Ralph H., assignor to Motor Products Corporation, Detroit, Mich. Black-out window. 2,316,442; Apr. 13.
- Lopez-Henriquez, Miguel, New York, N. Y. Moving picture film and projecting apparatus. 2,317,282; Apr. 20.
- Lopez-Henriquez, Miguel, New York, N. Y. Projector. 2,320,188; May 25.
- Lopez, Jesus, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Individual cigarette density recording machine. 2,338,070; Dec. 28.
- Löpp, Edmund, and E. Grefendorf, Berlin, Germany; vested in the Alien Property Custodian. Ultra-short wave tube socket. 2,320,623; June 1.
- Lo Presti, Frank N. (See Cooper, E. P., and Lo Presti.)
- Lorain County Radio Corp. (See Boswau, Hans P., assignor.)
- Lorand, Eugene J., assignor to Hercules Powder Company, Wilmington, Del. Separation of lower polyhydric alcohols from polyhydric alcohol mixtures. 2,325,783; Aug. 3.
- Lorant, George J., assignor to Mongolio Importing Co., Inc., New York, N. Y. Package for natural sausage casings and curing and packing the same. 2,329,064; Sept. 7.
- Lorant, Hugo, New York, N. Y., assignor to The Loewy Engineering Company, Limited, London, England. Hydraulic forging press. 2,327,117; Aug. 17.
- Lorant, Honka K. (See Kertesz, E., and Lorant.)
- Lord & Burnham Company. (See Blain, John, assignor.)
- Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Excitation circuit for electric valve apparatus. 2,310,101; Feb. 2.
- Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Electric translating apparatus. 2,310,741; Feb. 9.
- Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Transformer. 2,310,742; Feb. 9.
- Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Apparatus for starting and controlling discharge devices. 2,334,587; Nov. 16.
- Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Apparatus for starting and controlling electrical discharge devices. 2,334,568; Nov. 16.
- Lord Manufacturing Company. (See Henshaw, Richard C., assignor.)
- Lord Manufacturing Company. (See Kaemmerling, Gustav H., assignor.)
- Lord Manufacturing Company. (See Lord, Thomas, assignor.)
- Lord, Royal B., Fort Riley, Kans. Portable emplacement for machine guns. 2,317,392; Apr. 27.
- Lord, Thomas, assignor, by mesne assignments, to Lord Manufacturing Company, Erie, Pa. Rubber joint. Re. 22,280; Mar. 2.
- Lorehn, Edmond L., and H. Allen, assignors to Cameron Iron Works, Houston, Tex. Composite body valve ram. 2,331,557; Oct. 12.
- Lorentzen, Hans K., Montclair, N. J., assignor to Lorentzen Hardware Mfg. Corp., New York, N. Y. Cord lock for Venetian blinds. 2,308,291; Jan. 12.
- Lorentzen Hardware Mfg. Corp. (See Lorentzen, Hans K., assignor.)
- Lorenz, C., Aktiengesellschaft. (See Goldmann, Joachim, assignor.)
- Lorenz, C., Aktiengesellschaft. (See Weiche, Walter, assignor.)
- Lorenz, Fritz, and E. Weiss, Wattwil, Switzerland, assignors to Heberlein Patent Corporation, New York, N. Y. Producing fast dyed patterned parchmentized fabrics. 2,312,346; Mar. 2.
- Lorenz, Johannes, Chemnitz, Germany; vested in the Alien Property Custodian. Pattern mechanism for the manufacture of lace patterns. 2,307,376; Jan. 6.
- Lorich, Richard M., New York, E. S. Ostler, White Plains, N. Y., and A. L. Denniston, Plainfield, N. J., assignors, by mesne assignments, to General Time Instruments Corporation, New York, N. Y. Time controlled system. 2,332,828; Oct. 26.
- Lorenzen, Arnold I., and J. Blum, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Capsule container. 2,330,106; Nov. 23.
- Lorenzen, Roger E., Niles, Mich. Aircraft attitude and level indicating instrument. 2,328,730; Sept. 7.
- Loria, Anthony. (See Dickey, J. B., and Loria.)
- Lorica Laboratories Inc. (See Thompson, Roy E., assignor.)
- Lorig, Alvin I., Washington, D. C. Detachable bifocals. 2,326,787; Aug. 17.
- Lorig, Edwin T., Dormont, Pa. Apparatus for coiling strip materials and the like. 2,312,428; Mar. 2.
- Lorig, Edwin T., Dormont, Pa., assignor to Carnegie-Illinois Steel Corporation. Method and apparatus for reducing metal bodies. 2,332,803; Oct. 26.
- Losala, Inc. (See Sahlmann, Max, assignor.)
- LOSE, Charles, Jr., Cranford, N. J. Filter bed cleaner. 2,313,594; Feb. 16.
- LOSE, Charles, Jr., Cranford, N. J. Filter bed cleaning. 2,327,726; Aug. 24.
- LOSEY, Arthur H. See Twynning, V. J., Cyrex, and Losey.)
- Losey, Clifford V., Detroit, Mich., and R. E. Esch, Cleveland, Ohio, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,310,100; Feb. 2.
- Losey, Malcolm S. (See Hall, Charles W., assignor.)
- Losey, Thomas B., Dallas, Tex., assignor to Halliburton Oil Well Cementing Company. Coring tool. 2,317,544; Apr. 27.
- Losier, George E., Bloomfield, and L. V. Skinner, Newark, N. J. Electric circuit for photoelectric engraving machines. 2,312,042; Feb. 23.
- Lothes, Herbert G., assignor to The Kroger Grocery & Baking Company, Cincinnati, Ohio. Slicing machine. 2,318,876; Apr. 20.
- Lott, de Forest, H. Grinsfelder, and E. G. Hamway, assignors to Textile Leather Corporation, Toledo, Ohio. Thermoplastic adhesive composition. 2,325,963; Aug. 3.
- Lott, William A., East Orange, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. β -alkyl-cinnamic acid derivatives. 2,310,973; Feb. 16.
- Lotter, Adolf G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose-leaf binder. 2,313,713; Mar. 9.
- Lotter, William. (See Moecker, H., Jr., and Lotter.)
- Lotter, William, Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Door. 2,319,004; May 11.
- Lotter, William, Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Oven light. 2,327,200; Aug. 17.
- Lotter, William, Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Booster burner. 2,327,807; Aug. 24.
- Lotter, William, Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Top and bottom fired broiler. 2,331,707; Oct. 12.
- Lotto, Erich E., St. Louis County, assignor to Hussmann-Ligionier Company, St. Louis, Mo. Electric lighting system. 2,308,987; Jan. 19.

- Lotz, Herbert A., Minneapolis, Minn., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Web tensioning device. 2,334,164; Nov. 16.
- Lotz, Rudolph W., co-trustee. (See Cowles, Irving, assignor.)
- Lots, Rudolph W., et al., co-trustees. (See Cowles, Irving.)
- Lotz, Rudolph W., successor co-trustee. (See Cowles, Irving, assignor.)
- Loucks, Claude A., Walnut Grove, and L. K. Schmidt, Rio Vista, assignors of twenty-one and one-fourth per cent to C. A. Loucks, Walnut Grove, thirty-six and one-fourth to L. K. Schmidt, Rio Vista, twenty-one and one-fourth to G. P. du Bose, Stockton, and twenty-one and one-fourth per cent to A. M. Jongeneel, Walnut Grove, Calif. Root lifting and topping implement. 2,336,623; Dec. 14.
- Loud, Edgar R. (See Woller, J. P., and Loud.)
- Louden, Harry M., and C. W. McCreery, Auncie, Ind., assignors to Owens-Illinois Glass Company. Method of and apparatus for producing hollow glass blocks. 2,336,874; Dec. 14.
- Louden, James E., Claremont, N. H., and E. H. Sinclair, Jr., assignors to Cone Automatic Machine Company, Inc., Windsor, Vt. Lathe tooling mechanism. 2,337,530; Dec. 21.
- Loughborough, William K., Madison, Wis., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and to his successors in office. Resinifying ligno-cellulosic material. 2,313,953; Mar. 10.
- Louheed, Wellington, Flint, Mich. Garment hanger. 2,330,723; Sept. 28.
- Loughlin, Harvey B., Keego Harbor, Mich., assignor to Phillips Petroleum Company. Indicating device. 2,333,188; Nov. 2.
- Loughlin, Paul R., Westfield, assignor to The Babcock & Wilcox Company, Jersey City, N. J. Fluid system. 2,333,120; Dec. 14.
- Loughlin, Alphonse, San Francisco, Calif. Saw handle. 2,321,223; June 8.
- Loughlin, William D., Mountain Lakes, assignor to Boonton Radio Corporation, Parsippany-Troy Hills Township, Morris County, N. J. Delta Q-meter. 2,337,759; Dec. 28.
- Louhren, Arthur V., Great Neck, N. Y., assignor to Hazeltine Corporation. Television synchronizing system. 2,308,375; Jan. 12.
- Loughridge, Matthew H., Bogota, N. J., deceased; William B. Lockridge, administrator. Code selective apparatus. 2,320,150; May 25.
- Loughridge, Matthew H., Bogota, N. J., deceased; W. R. Lockridge, administrator. Railway switching system and apparatus. 2,323,062; June 29.
- Loughridge, Matthew H., deceased, Bogota, N. J.; W. R. Lockridge, administrator. Selective system and apparatus. 2,323,822; July 6.
- Loughridge, Matthew H., Bogota, N. J., deceased; William R. Lockridge, administrator. Code indexing system and apparatus. 2,329,919; Sept. 21.
- Louie, Ban, L., Shanghai, China; vested in the Allen Property Custodian. Drawing mechanism for spinning frames and the like. 2,332,973; Oct. 26.
- Louis Marx & Company. (See Pasek, W. L., assignor.)
- Loux, John H., assignor to Salem Engineering Company, Salem, Ohio. Apparatus for charging billets and the like. 2,307,113; Jan. 6.
- Love, Harry J., Washington, D. C. Method and mechanism for recovering metal. 2,324,938; July 20.
- Love, Jabez A., Eau Claire, Mich. Disk harrow. 2,320,624; June 1.
- Love, Lowrey. (See Brower, P. V., and Love.)
- Loveday, William H., Aldbourne, Marlborough, England. Hydraulic epicyclic transmission device. 2,311,237; Feb. 16.
- Loveley, Joseph D., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Combustion chamber. 2,329,920; Sept. 21.
- Lovell, Clarence A. (See Dowey, T. L., and Lovell.)
- Lovell, Clarence A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alternating current generator. 2,326,663; Aug. 10.
- Lovell, Clarence A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alternating current generator. 2,327,276; Aug. 17.
- Lovell, Clarence A., Maplewood, N. J., R. F. Mallina, Hastings on Hudson, and L. Vieth, Jackson Heights, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,307,521; Jan. 6.
- Lovell, Clarence A., Maplewood, N. J., and R. F. Mallina, Hastings on Hudson, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alternating current generator. 2,309,703; Feb. 2.
- Lovell, Clarence A., Maplewood, N. J., R. F. Mallina, Hastings on Hudson, N. Y., and D. B. Parkinson, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alternating current generator. 2,327,277; Aug. 17.
- Lovell, Dale E. (See Bush, P. L., and Lovell.)
- Lovell, Glen A., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Friction and seizure testing device. 2,318,506; May 4.
- Lovell, Lawrence L., D. C. Bell, Wood River, and R. L. Orzynsky, Alton, Ill., assignors to Shell Development Company, San Francisco, Calif. Asphalt manufacture. 2,317,150; Apr. 20.
- Lovell Manufacturing Company. (See Kauffman, Walter L., II., assignor.)
- Low, Nathan P., Newton Center, Mass., assignor to Beckwith Manufacturing Company, Dover, N. H. Thermoplastic sheet material. 2,329,207; Sept. 14.
- Lovely, Elmer R., Pittsfield, Maine, assignor to James B. Barry, New York, N. Y. Chimney. 2,328,731; Sept. 7.
- Lovely, George W., Auburn, Ill., assignor to Sullivan Machinery Company. Mining apparatus. 2,330,437; Sept. 28.
- Lovely, John E., and N. R. Longe, assignors to Jones & Lamson Machine Company, Springfield, Vt. Tool carrier control mechanism. 2,319,741; May 18.
- Lovett, Louis E., Cleveland, Ohio. Manufacture of artificial staple fibers. 2,315,265; Mar. 30.
- Lo Vivo, Rosario, Astoria, Long Island, N. Y. Preset pressure can for frozen food or the like. 2,336,490; Dec. 14.
- Low, Frank A., Southport, England. Automatic telephone system. 2,333,324; Nov. 2.
- Low, John J., Los Angeles, Calif. Sheep foot tamper. 2,312,471; Mar. 2.
- Low, Joseph, Los Angeles, Calif., assignor to Kay-Brunner Steel Products, Inc. Carrying scraper. 2,320,625; June 1.
- Low, Robert St. C. (See Sivil, C. S., Liebig and Low.)
- Lowdermilk, Elbert W., Denver, Colo. Grader. 2,312,255; Feb. 23.
- Lowe, Arthur L., Southport, Conn. Mop connector. 2,318,087; May 2.
- Lowe, Birdell B., Richmond, Ind. Deep fat frying kettle. 2,337,481; Dec. 21.
- Lowe, Ernest A., Fairwood, N. J. Fire extinguishing apparatus. 2,334,826; Nov. 23.
- Lowe, Herbert J., Galesburg, Ill. Traffic control sign. 2,308,525; Jan. 19.
- Lowe, Joe, Corporation. (See Ellis, John L., assignor.)
- Lowe, Joe, Corporation. (See Friedman, Aaron, assignor.)
- Lowe, Joe, Corporation. (See Overland, Leo D., assignor.)
- Lowe, Joe, Corporation. (See Rubens, J. G., and Laster, assignor.)
- Lowe, Kenneth J., Ilion, N. Y., assignor to Remington Arms Company, Inc. Bridgeport, Conn. Firearm sight. 2,336,108; Dec. 7.
- Lowe, Mark W., Connerville, Ind. Conveyor for fruits and vegetables. 2,332,093; Oct. 19.
- Lowe, Orrin C. (See Ringer, A., and Lowe.)
- Lowe, Paul E., Scranton, Pa., assignor to The Rails Company, New Haven, Conn. Combination cutting and surfacing grinder. 2,332,263; July 13.
- Lowe, Rudy P., Cranston, assignor to Builders Iron Foundry, Providence, R. I. Telemetric control apparatus. 2,322,373; June 22.
- Lowe, Rudy P., East Providence, assignor to Builders Iron Foundry, Providence, R. I. Control apparatus. 2,322,374; June 22.
- Lowe, Wesley G. (See Kenyon, W. O., and Lowe.)
- Lowe, Wesley G., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic silver halide emulsion. 2,311,058; Feb. 16.
- Lowe, Wesley G., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic silver halide emulsion. 2,311,059; Feb. 16.
- Lowe, Wesley G., and W. O. Kenyon, assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of unsaturated aliphatic acids and anhydrides. 2,319,070; May 11.
- Lowe, Wesley G., and G. J. Clarke, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic emulsions for spraying upon surfaces and its application. 2,327,808; Aug. 24.
- Lowe, William N. (See Palmer, Clinton D., and Lowe.)
- Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Brake. 2,311,765; Feb. 23.
- Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure system. 2,314,150; Mar. 16.
- Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure producing device. 2,335,069; Nov. 25.
- Lowers, Stanley M. (See Andrews, R. E., and Lowen.)
- Lowenstein, Herman H., Chicago, Ill. Diorama construction. 2,314,721; Mar. 23.
- Lowenthal, Fred, Brooklyn, N. Y. Picture hanger. 2,317,204; Apr. 20.
- Lower, Melvin S., assignor to N. Walbridge, Jr., doing business as Walbridge and Company, Ravenna, Ohio. Baby feeding dish. 2,329,279; Sept. 14.
- Lower, Nathan M., Erie, Pa. Automatic stoker. 2,319,935; May 25.
- Lower, Nathan M., Erie, Pa. Bin feed mechanism. 2,336,181; Dec. 7.
- Lowezy, Roy E., Evanston, assignor to Container Corporation of America, Chicago, Ill. Carton. 2,334,425; Nov. 16.
- Lowit, Rudolf, Auburn, Maine, assignor to Callite Tungsten Corporation, Union City, N. J. Method of working metals. 2,317,205; Apr. 20.
- Lowkrantz, Gunne, assignor to Link Aviation Devices, Inc., Binghamton, N. Y. Collimator. 2,310,031; Feb. 2.

- Lowman, John C. (See Hedges, W. D., Lowman, and Kerr.)
- Lowmiller, Harold W. (See Wilson, L. L., Lowmiller, and Bible.)
- Lownes, Robert P. (See Seidel, S. G., and Lownes.)
- Lowrey, George A., Houston, Tex. Fishing tool. 2,333,802; Nov. 9.
- Lowry, Charles D., Jr., and R. E. Sutherland, assignors to Universal Oil Products Company, Chicago, Ill. Sweetening gasoline. 2,336,109; Dec. 7.
- Lowry, Clyde L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Combination corner and reverse bar. 2,312,179; Feb. 23.
- Lowry, Erwin F., Swampscott, and J. L. Cox, Danvers, Mass., assignors to Sylvania Electric Products Inc. Lamp exhaust method. 2,334,718; Nov. 23.
- Lowry, Jesse R., Des Moines, Iowa. Valve for milking machines. Re. 22,366; Aug. 17.
- Lowry, Robert D., assignor to The Dow Chemical Company, Midland, Mich. Polystyrene resinous composition. 2,331,273; Oct. 5.
- Lowston, Walter H., New York, N. Y. Type cleaning implement. 2,333,801; Nov. 9.
- Lowther, Russell A., Detroit, Mich. Artisan's tool. 2,307,892; Jan. 12.
- Lowther, William P., Inglewood, Calif. Sheet metal clamp. 2,313,883; Mar. 16.
- Loy Corporation. (See Loy, Egon, assignor.)
- Loy, Egon, by judicial change of name. (See Loewy, Egon.)
- Loyd, Vernon J., East Chicago, Ind., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Sweetening oils. 2,315,530; Apr. 6.
- Loyd, Vernon J., East Chicago, Ind., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treating oils. 2,316,092; Apr. 6.
- Loye, James E. (See Chamberlin, J. E., and Loye.)
- Lubarsky, George H., assignor, by mesne assignments, to Vitamol Company, New York, N. Y. Vitamin containing composition and making the same. 2,321,400; June 8.
- Lübbe, Heinrich F. A., deceased, late of Berlin, Germany; by O. Lübbe, administratrix, and E. Kruppa, Berlin, Germany; vested in the Allen Property Custodian. Plates and bodies to be applied on iron tools and machine members. 2,317,786; Apr. 27.
- Lübbe, Otilie, administratrix. (See Lübbe, H. F. A., and Kruppa.)
- Lüben, Robert. (See Schaller, P., Froelcke, Meyer, Roelen, and Lüben.)
- Luber-Finer, Inc. (See Russell, John K., assignor.)
- Lubetsky, David, Detroit, Mich. Window blind. 2,336,692; Dec. 14.
- Lubke, Henry G., assignor to The Wittmann Company, Inc., Buffalo, N. Y. Method and apparatus for straining liquids. 2,312,764; Mar. 2.
- Lubow, Morris, Brooklyn, assignor to Wolf X-Ray Products, Inc., New York, N. Y. X-ray-proof glove. 2,312,931; Mar. 2.
- Lubowe, Irwin I., New York, and W. T. Somerville, Woodside, Long Island, N. Y. Sulphamido-benzene-azo-pyrazolone. 2,330,828; Oct. 5.
- Lubrani, Silio, Union, N. J. Fountain pen. 2,329,996; Sept. 21.
- Lubri-Zol Corporation, The. (See Frey, Delton R., assignor.)
- Lubri-Zol Development Corporation. (See Lincoln, Bert H., assignor.)
- Lubri-Zol Development Corporation, The. (See Lincoln, B. H., and Byrkit, assignors.)
- Lubri-Zol Development Corporation, The. (See Lincoln, B. H., and Steiner, assignors.)
- Lubri-Zol Development Corporation, The. (See Lincoln, B. H., Steiner, and Byrkit, assignors.)
- Lubri-Zol Development Corporation, The. (See Prutton, Carl F., assignor.)
- Lubri-Zol Corporation, The. (See Prutton, C. F., and Johnson, assignors.)
- Lubri-Zol Development Corporation, The. (See Prutton, C. F., and Smith, assignors.)
- Lubs, Herbert A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Latex coagulation. 2,321,552; June 8.
- Lubszynski, Hans G., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Television transmitting and the like system. 2,314,648; Mar. 23.
- Lucan, Fritz, Berlin-Nikolassee, Germany; vested in the Allen Property Custodian. Igniting and operating circuit for electric discharge tubes. 2,312,429; Mar. 2.
- Lucas, Albert R., and W. G. Wagner, North Acton, London, assignors to P. B. Sillimanite Company, Limited, London, England. Refractory materials. 2,330,129; Sept. 21.
- Lucas, Chester C., assignor to Geo. D. Roper Corporation, Rockford, Ill. Drawer guide and support. 2,329,846; Sept. 21.
- Lucas, Harry W., and D. Zimmerman, Cleveland, Ohio, said Lucas assignor to said Zimmerman. Lapel. 2,332,734; Oct. 26.
- Lucas, Jack, Stockton, Calif. Nozzle. 2,333,727; Nov. 9.
- Lucas, Joseph, Limited. (See Purden, Robert H., assignor.)
- Lucas, Joseph, Limited. (See Scott-Iversen, P. A., and Huyton, assignors.)
- Lucas, Joseph, Limited. (See Watson, Ernest A., assignor.)
- Lucas Machine Tool Company, The. (See Stephan, Hallis N., assignor.)
- Lucas, Stephen J., Chicago, Ill. Reel. 2,319,419; May 18.
- Lucas, Walter C., Asheboro, N. C. Chair. 2,320,786; June 1.
- Lucassian, Zaven. (See Testori, John B., assignor.)
- Lucat, Joseph E., and F. M. Reed, Worcester, Ohio. Safety device. 2,309,464; Jan. 26.
- Luccous, John C., Dallas, Tex. Perforator for well pipes. 2,315,437; Mar. 30.
- Luce, John S., Oakland, assignor to The Web Appliance Company, San Francisco, Calif. Method and apparatus for folding paper. 2,322,647; June 22.
- Luce, Richard W., Southport, Conn. Threaded locking device. 2,320,785; June 1.
- Luce, Richard W., Southport, Conn. Threaded locking device. 2,321,497; June 8.
- Luce, Richard W., Southport, Conn. Lock nut. 2,336,023; Dec. 7.
- Luce, Richard W., Southport, Conn., assignor of one-half to G. T. Gill, South Orange, N. J. Retrodirective reflecting device. 2,319,742; May 13.
- Luce, Roy L., Chicago, Ill. Flow controlling device for bottles. 2,333,325; Nov. 2.
- Luce, Stewart B. (See Webber, C. S., Luce, and Muddock.)
- Lucht, Victor F., Washington, D. C. Fluid brake. 2,315,531; Apr. 6.
- Lucht, Victor F., Washington, D. C. Variable buffer. 2,332,520; Oct. 26.
- Lucia, Louis V., West Hartford, assignor to The Silcox Company, Hartford, Conn. Circuit control for electric flatirons and connection therefor. 2,307,052; Jan. 5.
- Lucia, Louis V., West Hartford, and E. W. Horndahl, Norwichtown, assignors, by mesne assignments, to E. G. Hellyar, Norwich, Conn., as nominee for J. B. Martin Company. Shipping container. 2,315,532; Apr. 6.
- Ludcol, Corporation. (See Hooft, Franciscus V., assignor.)
- Luck, David G. C., Haddon Heights, N. J., assignor to Radio Corporation of America. Radio range. 2,314,795; Mar. 23.
- Luck, David G. C., Merchantville, N. J., assignor to Radio Corporation of America. Antenna circuit modulation system. 2,317,071; Apr. 20.
- Luck, David G. C., Haddon Heights, N. J., assignor to Radio Corporation of America. Omnidirectional range. 2,328,476; Aug. 31.
- Luck, David G. C., Merchantville, N. J., assignor to Radio Corporation of America. Phase indicating apparatus. 2,328,985; Sept. 7.
- Lucke, Charles E., New York, N. Y., assignor to United Aircraft Corporation, East Hartford, Conn. Fin construction. 2,330,065; Sept. 21.
- Lucke, Henry J. (See Luckhaupt, Christopher, assignor.)
- Luckey, George P., assignor to Hamilton Watch Company, Lancaster, Pa. Constant speed body. 2,322,861; June 29.
- Luckey, William L., assignor to Tivoli Brewing Company, Detroit, Mich. Display stand. 2,316,443; Apr. 13.
- Luckhaupt, Christopher, Jamaica, N. Y., assignor to H. J. Lucke, East Orange, N. J. Treating metals and resulting product. 2,320,626; June 1.
- Ludbrook, Leslie C., near Rugby, England, assignor to General Electric Company. Electric control circuits. 2,316,008; Apr. 6.
- Ludemann, Oscar H., New York, N. Y. Valve mechanism. 2,307,628; Jan. 5.
- Ludemann, Oscar H., Rye, N. Y. Valve. 2,313,448; Mar. 9.
- Luders, Gustave W., Jr., Muskegon, assignor to Browne-Morse Company, Muskegon Heights, Mich. Office furniture. 2,333,539; Nov. 2.
- Ludlitz, Fritz, Basel, assignor, by mesne assignments, to "Patelhof" Patentverwertungs & Elektro-Holding A. G., Glarus, Switzerland. Ultra high frequency generator. 2,323,613; July 6.
- Ludi, William C., Matawan, N. J., assignor to Standard Oil Development Company. Powdered material level indicator. 2,331,208; Oct. 5.
- Lüdke, Carl. (See Schuchardt, H., and Lüdke.)
- Ludlow, Edmund. (See Noblitt, O. G., and Ludlow.)
- Ludwick, Herbert V., Dearborn, Mich. Securing means for bleacher seats. 2,333,803; Nov. 9.
- Ludwig, Anthony. (See Foy, Bernard J., assignor.)
- Ludwig, Bernard J., Bloomfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Ester ethers of diethylstilboestrol. 2,338,076; Dec. 28.
- Ludwig, Leon R., Forest Hills, and B. P. Baker, Turtle Creek, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switchgear. 2,307,596; Jan. 5.
- Ludwig, Leon R., Wilkesburg, and B. P. Baker, Turtle Creek, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,313,159; Mar. 9.

- Ludwig, Leon R., Wilkesburg, Pa., and J. W. May, Durham, N. C., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical distribution system. 2,331,209; Oct. 5.
- Ludwig, Louis, Brooklyn, N. Y. Shade for fluorescent lamps. 2,321,035; June 8.
- Ludwig, Richard. (See Konrad, E., and Ludwig.)
- Luebke, Cletus L., Fort Totten, Long Island, N. Y. Kinetic projector. 2,316,798; Apr. 20.
- Lueben, Luning F., Omaha, Nebr. Rotary baler. 2,330,491; Dec. 14.
- Luebbsman, John D., Detroit, Mich. Hose coupling. 2,328,819; Sept. 7.
- Luecke, Frederick H., Fort Wayne, Ind. Grounding equipment for electrical apparatus. 2,308,628; Jan. 19.
- Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westbury, R. I. Cutting sheets of different lengths from traveling webs. 2,318,173; May 4.
- Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westbury, R. I. Inking roller for printing presses. 2,319,615; May 18.
- Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westbury, R. I. Inking roller for printing presses. 2,319,616; May 18.
- Luelien, Leland B., Lansing, assignor to Inland Steel Company, Chicago, Ill. Burner construction. 2,331,980; Oct. 19.
- Luelien, Leland B., Highland, Ind., assignor to Inland Steel Company, Chicago, Ill. Mounting and support means for vertical burners. 2,331,269; Dec. 7.
- Luers, John M., Mount Clemens, Mich., assignor to John Milton Luers Patents Incorporated, Detroit, Mich. Quenching and straightening tools. 2,309,518; Jan. 26.
- Luers, John M., Mount Clemens, assignor to John Milton Luers Patents Incorporated, Detroit, Mich. Toolholder. 2,328,477; Aug. 31.
- Luers, John Milton, Patents Incorporated. (See Luers, John M., assignor.)
- Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westbury, R. I. Flat sheet delivery for printing presses. 2,332,863; Oct. 26.
- Luerssen, George V. (See Wright F. L., and Luerssen.)
- Luecher, Oliver P., Tiskiwila, Ill. Operating regenerative furnaces and furnace construction. 2,336,993; Dec. 14.
- Luff, Earl T., Lincoln, Nebr. Splash block. 2,334,779; Nov. 23.
- Luff, Henry J., Cleveland, Ohio, assignor to J. A. Zurn Manufacturing Company, Erie, Pa. Combined soil waste and vent fitting. 2,312,658; Mar. 2.
- Luff, Henry J., Cleveland, Ohio, assignor to J. A. Zurn Manufacturing Company, Erie, Pa. Combined soil waste and vent fitting. 2,312,659; Mar. 2.
- Luff, Henry J., Cleveland, Ohio, assignor to J. A. Zurn Manufacturing Company, Erie, Pa. Cleanout protected water seal trap. 2,329,997; Sept. 21.
- Lufkin Real Company, The. (See Witchger, Eugene J., assignor.)
- Luhn, Hans P., North Tarrytown, assignor, by mesne assignments, to International Business Machines Corporation. Counting and control mechanism. 2,324,221; July 13.
- Luhrs, Henry E., Shippensburg, Pa. Paper novelty. 2,335,070; Nov. 23.
- Luhrs, John F. (See Jenkins, R. D., Ryder and Luhrs.)
- Luhrs, John F., Cleveland Heights, Ohio. Measuring and controlling apparatus. 2,311,848; Feb. 23.
- Luis, James. (See Pickens, Scott, assignor.)
- Luke, Irvin H., Evanston, Ill. Bridge and analogous construction. 2,308,334; Jan. 12.
- Lukenhill, Emery D., Indianapolis, Ind. Golf club. 2,325,525; July 27.
- Lukens, Alan D., Belmont, Mass. Filler material for paint, rubber, paper, etc. 2,323,550; July 6.
- Luker, Jackson M., Urbana, Ill. Hinge device. 2,320,370; June 1.
- Luker, Jackson M., Urbana, Ill. Hinge device. 2,332,328; Oct. 19.
- Lulek, Ralph N. (See Wuertz, A. J., Lulek, and Rintelman.)
- Lulek, Ralph N., Wilmington, Del., and E. C. Buxbaum, Swarthmore, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,318,174; May 4.
- Lull, Le Grand H., Minneapolis, Minn. Highway shoulder grader. 2,321,401; June 8.
- Lull, Le Grand H., Minneapolis, Minn. Motor vehicle underbody truck grader. 2,321,833; June 15.
- Lum, George R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone calling dial device. 2,307,226; Jan. 5.
- Lum, George R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone calling dial device. 2,307,442; Jan. 5.
- Lum, George P., assignor to Bendix Aviation Corporation, South Bend, Ind. Locking clip. 2,313,249; Mar. 9.
- Lum, George R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone calling dial device. 2,312,566; Mar. 2.
- Lum, James H., Dayton, Ohio, assignor to Monsanto Chemical Company, Plastic material and filler therefor. 2,337,523; Dec. 21.
- Lum, John C. (See Jernstedt, G. W., and Lum.)
- Lum, John C., Weston, and G. Jernstedt, Bloomfield, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Corrosion resistant coating for metal surfaces. 2,329,065; Sept. 7.
- Lum, Walter O., West Orange, N. J., assignor to General Electric Company. Refrigerating system. 2,319,005; May 11.
- Lum, Walter O., West Orange, N. J., assignor to General Electric Company. Control system. 2,343,322; Nov. 2.
- Lumbard, Henry G. (See Schlar, William M., assignor.)
- Lumbard, Henry G., Auburn, Maine. Making insole sheets. 2,311,766; Feb. 23.
- Lumbard, Henry G., Auburn, Maine. Carrier. 2,311,767; Feb. 23.
- Lumelite Corporation. (See Williams, Harold W., assignor.)
- Lumelite Corporation. (See Wood, Howard B., assignor.)
- Lumley, Gerard M., San Antonio, Tex. Washing machine heater. 2,322,580; June 22.
- Lumley, Maurice, assignor to The F. H. Lawson Company, Cincinnati, Ohio. Bucket holder. 2,312,256; Feb. 23.
- Lumm, Harvey N., Dayton, Ohio. Instrument field testing set. 2,310,974; Feb. 16.
- Lummus Company, The. (See Berkeley, F. D., and Bertram, assignors.)
- Lummus Company, The. (See Bloomer, W. J., and Zahniser, assignors.)
- Lummus Company, The. (See Bogart, M. J. P., and Ketter, assignors.)
- Lummus Company, The. (See Bowles, Vernon O., assignor.)
- Lummus Company, The. (See Collins, R. R., and Gibb, assignors.)
- Lummus Company, The. (See Davis, Hyman R., assignor.)
- Lummus Company, The. (See Gibb, John A., assignor.)
- Lummus Company, The. (See Giles, I. K., Cornell, and Kelley, assignors.)
- Lummus Company, The. (See Kniel, L., and Schutte.)
- Lummus Company, The. (See Kraft, Wheaton W., assignor.)
- Lummus Company, The. (See Kraft, W. W., and Bass, assignors.)
- Lummus Company, The. (See Lambert, Pierre, assignor.)
- Lummus Company, The. (See Mekler, V., and Curtis, assignors.)
- Lummus Company, The. (See Schutte, August H., assignor.)
- Lummus Company, The. (See Ulrich, Walter, assignor.)
- Lund, Albert A., Port Washington, N. Y., assignor to Jacques Wolf & Co., Passaic, N. J. Production of stabilizing agents. 2,337,562; Dec. 28.
- Lund, Alvin O. (See Martin, P. M., and Lund.)
- Lund, Arthur D., Minneapolis, Minn., assignor to Solar Corporation, Milwaukee, Wis. Machine for assembling storage battery plates and separators. 2,324,523; July 20.
- Lund, Charles W. (See Sigloch, L. C., and Lund.)
- Lund, Frank M., assignor of fifty per cent to H. M. Pushker, Chicago, Ill. Enlarging easel. 2,315,066; Mar. 30.
- Lund, Frank M., assignor of fifty per cent to H. M. Pushker, Chicago, Ill. Trimming board. 2,327,000; Aug. 17.
- Lund, James K., Oak Park, assignor to The Dole Valve Company, Chicago, Ill. Valve mechanism. 2,310,975; Feb. 16.
- Lund, James K., Oak Park, assignor to The Dole Valve Company, Chicago, Ill. Mixing device for mixing hot and cold liquids. 2,319,418; May 18.
- Lunda, Edward C., and R. E. Wald, assignors to Iron Fireman Manufacturing Company, Portland, Oreg. Inertia stabilized volometer. 2,322,039; June 15.
- Lundback, Sven V., Stockholm, and B. H. E. Nilsson, Skelleftehamn, assignors to Bolldens Gruvaktiebolag, Stockholm, Sweden. Method relating to protecting plants and the like and to producing means for such purposes. 2,326,472; Aug. 10.
- Lundberg Exploration S. A. (See Lundberg, H. T. F., and Keevil, assignors.)
- Lundberg, Gustave E. (See Scarratt, A. W., and Lundberg.)
- Lundberg, Gustave E., Riverside, Ill., assignor to International Harvester Company. Power transmitting device. 2,330,296; Sept. 28.
- Lundberg, Hans T. F., Toronto, and N. B. Keevil, Swansea, Ontario, Canada, assignors to Lundberg Exploration S. A., Panama City, Panama. Geophysical exploration. 2,330,829; Oct. 5.
- Lundblad, Gustave G., Bristol, Conn., assignor to The Horton Manufacturing Company. Fishing reel. 2,335,210; Oct. 5.
- Lundbye, Axel E., assignor to The Crowell-Collier Publishing Company, Springfield, Ohio. Doctor blade. 2,313,830; Mar. 16.
- Lundeen, Carl V. (See Blount, H., and Lundeen.)
- Lundeen, Carl V. (See Hachbarch, C. J., and Lundeen.)
- Lundeen, Chester A. (See Grau, H. E., and Lundeen.)
- Lundgren, Chester A., Los Angeles, assignor to Byron Jackson Co., Huntington Park, Calif. Pipe tong. 2,310,246; Feb. 9.

- Lundelius, G. R., et al. (See Gustafson, August W., assignor.)
- Lundell, Walter E., Lake Forest, Ill. Socket for bayonet base lamp or the like. 2,320,627; June 1.
- Lunden, Walter W., Hampden, assignor to The Standard Electric Time Company, Springfield, Mass. Electric-impulse time-instrument system. 2,308,243; Jan. 12.
- Lunden, Walter W., Hampden, assignor to The Standard Electric Time Company, Springfield, Mass. Electric-impulse time-instrument system. 2,308,244; Jan. 12.
- Lundgren, Eric, Braddock Heights, Md., assignor to E. B. & A. C. Whiting Company, Burlington, Va. Method of and apparatus for dusting fibrous material. 2,324,787; July 20.
- Lundius, Alton H., South Orange, N. J., assignor to General Motors Corporation, Detroit, Mich. Rolling machine. 2,309,126; Jan. 26.
- Lundius, Alton H., South Orange, N. J., assignor to General Motors Corporation, Detroit, Mich. Adapter for work stock. 2,333,260; Nov. 2.
- Lundquist, August F., Worcester, assignor, by mesne assignments, to R. G. Arey, Swampscott, Mass. Safety razor. 2,335,288; Nov. 30.
- Lundquist, Roy W., assignor to Reid, Murdoch & Co., Chicago, Ill. Machine for slicing vegetables. 2,331,406; Oct. 12.
- Lundquist, William E. (See Austin, P. R., and Lundquist.)
- Lundstrom, Alexis A. (See Hecht, G., Lundstrom, and Taylor.)
- Lundstrom, Alexis A., East Orange, N. J., assignor to 2,313,019; Mar. 2.
- Lundstrom, Alexis A., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,314,235; Mar. 16.
- Lundstrom, Axel H., Madison, Wis. Package jack. 2,331,035; Oct. 5.
- Lundstrom, Carl B., Little Falls, N. Y. Disappearing support for business machines and the like. 2,322,648; June 22.
- Lundstrom, Ernest A. (See Yerick, W. D., and Lundstrom.)
- Lundstrom, Ernest A., Wellsville, assignor to The Air Preheater Corporation, New York, N. Y. Adjustable sector plate. 2,337,907; Dec. 28.
- Lundvall, John S., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Convertible bulkhead for refrigerator cars. Re. 2,271; Feb. 16.
- Lundvall, John S., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Convertible bulkhead for refrigerator cars. 2,308,468; Jan. 12.
- Lundvall, John S., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Refrigerator car hatch closure. 2,314,649; Mar. 23.
- Lundvall, John S., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Convertible bulkhead for refrigerator cars. 2,316,265; Apr. 13.
- Lundvall, John S., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Floor structure for railroad cars. 2,320,001; May 25.
- Lundvall, John S., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Convertible bulkhead for refrigerator cars. 2,323,665; July 6.
- Lundvall, John S., Chicago, Ill., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Hatch ventilator for refrigerator cars. 2,326,664; Aug. 10.
- Lundvall, John S., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Movable bulkhead structure. 2,328,820; Sept. 7.
- Lundy, David A., Riverside, Ill. Ironing machine cabinet. 2,331,789; Oct. 12.
- Lundy, David A., Riverside, Ill. Disappearing wringer. 2,334,780; Nov. 23.
- Lundy, Robert, South Bend, Ind. Fence structure. 2,327,311; Aug. 17.
- Luneburg, Rudolf K., assignor to Spencer Lens Company, Buffalo, N. Y. Objective. 2,328,157; Aug. 31.
- Lung, Kenneth R., assignor to Flint & Walling Manufacturing Co., Inc., Kendallville, Ind. Pump starting controller. 2,319,509; May 18.
- Lunken, Edmund H., Hartsdale, and G. A. Just, assignors to Lunken-Just Window Corporation, Scarsdale, N. Y. Window. 2,310,247; Feb. 9.
- Lunken, Edmund H., Springfield Township, Hamilton County, Ohio. Window guard and screen. 2,314,230; Mar. 16.
- Lunken, Edmund H., Hartsdale, and G. A. Just, assignors to Lunken-Just Window Corporation, Scarsdale, N. Y. Electrical window operator and tension limiting device. 2,329,280; Sept. 14.
- Lunkenheimer Company, The. (See Hehemann, Frederick H., assignor.)
- Lunken-Just Window Corporation. (See Lunken, E. H., and Just, assignors.)
- Lunsford, Jesse R. (See Seaman, E. F., and Lunsford.)
- Lupfer, James A., Tulsa, Okla. Pressure equalizer. 2,321,093; June 8.
- Lupfer, Robert N., assignor to The Springfield Leather Products Co., Springfield, Ohio. Cigarette case. 2,316,900; Apr. 6.
- Lurcott, Winfred N. (See Sterne, L. H., and Lurcott.)
- Lurie, Joseph M., assignor to W. S. Libbey Company, Lewiston, Maine. Blanket. 2,327,278; Aug. 17.
- Lurraim, Nathaniel M. (See Simon, R., and Lurraim.)
- Lurraim, Nathaniel M., New York, N. Y. Depilatory abrasive pad. 2,311,060; Feb. 16.
- Lurtz, Carl, Brooklyn, N. Y. Electric switch mechanism. 2,329,066; Sept. 7.
- Lurtz, Carl, Brooklyn, N. Y. Time-controlled clock attachment. 2,315,266; Mar. 30.
- Lusher, Albert C., Waterbury, and A. C. Hoffman, Milldale, assignors to Scovill Manufacturing Company, Waterbury, Conn. High pressure hose coupling. 2,314,002; Mar. 16.
- Lusher, Albert C., E. H. Tompkins, and G. G. Howard, assignors to Scovill Manufacturing Company, Waterbury, Conn. High pressure hose coupling. 2,314,001; Mar. 16.
- Lusher, Albert C., E. H. Tompkins, F. R. Reutter, and G. G. Howard, assignors to Scovill Manufacturing Company, Waterbury, Conn. Manufacturing and assembling high pressure couplings. 2,314,002; Mar. 16.
- Lusk, Robert K. (See Gould, D. C., and Lusk.)
- Lustberg, Nast & Co. (See Wexler, Louis, assignor.)
- Lustfield, Herman G., Brooklyn, N. Y. Floating automatic signaling apparatus. 2,323,064; June 29.
- Lustig, Walter K., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Automobile trunk lock. 2,321,264; July 13.
- Luten, Daniel B., Jr. (See De Benedictis, A., and Luten.)
- Luten, Daniel B., Jr., and A. De Benedictis, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Purification of alkyl phenols. 2,321,036; June 8.
- Luten, Daniel B., Jr., and A. De Benedictis, Berkeley, Calif., assignors to Shell Development Company, San Francisco, Calif. Separating alkyl phenols. 2,327,312; Aug. 17.
- Lutherer, Otto, Solon, assignor to The North American Manufacturing Company, Cleveland, Ohio. Governor valve mechanism. 2,311,061; Feb. 16.
- Luthy, Max. (See Gump, W. S., and Luthy.)
- Lutman, Frank B., Willoughby, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Hedge clip. 2,313,651; Mar. 16.
- Lutz, Frederick, Stuttgart, Wurttemberg, Germany; vested in the Alien Property Custodian. Machine for producing edge ornamentation for fabrics. 2,337,119; Dec. 21.
- Lutz, Harold J., Kansas City, Mo. Meat loop. 2,307,327; Jan. 5.
- Lutz, Herman J., and L. Edelmann, assignors to E. Edelmann & Co., Chicago, Ill. Hydrometer. 2,307,745; Jan. 12.
- Lutz, William A., Oakmont, and J. W. Pool, Akron, Ohio, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Petroleum lubricating jelly. 2,320,002; May 25.
- Lux, Frederick, assignor to The Lux Clock Mfg. Company, The. (See Lux, Frederick, assignor.)
- Lux, Eugene, assignor to Bulova Watch Company, Incorporated, New York, N. Y. Display box. 2,310,641; Feb. 9.
- Lux, Frederick, assignor to The Lux Clock Mfg. Company, Inc., Waterbury, Conn. Spindle and knob connection. 2,322,949; June 29.
- Luzius, Russell W., Ferndale, assignor to Park Chemical Company, Detroit, Mich. Drying machine. 2,315,124; Mar. 30.
- Lycan, William H. (See Adams, F. W., and Lycan.)
- Lyda, Orpha E., et al. (See Hall, Harry M., assignor.)
- Lyem, Arthur, Cumberland, Md., assignor to Celanese Corporation of America. Ornamental organic derivative of cellulose fabric. 2,315,002; Mar. 30.
- Lykken, Henry G., Minneapolis, Minn. Pulverizing and classifying machine. 2,329,208; Sept. 14.
- Lykken, Henry G., Minneapolis, Minn. Apparatus for processing ores. 2,333,111; Nov. 2.
- Lyman, Harry J., Detroit, Mich., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Adjustable antenna for vehicle. 2,313,952; Mar. 9.
- Lyman, Harry J., Royal Oak, D. H. Mills and W. H. Friedrich, Detroit, Mich., assignors to Philco Radio & Television Corporation, Philadelphia, Pa. Tuning mechanism. 2,313,653; Mar. 9.
- Lyman, Joseph, Huntington, and E. Norden, Pelham, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Rate and attitude indicating instrument. 2,309,853; Feb. 2.
- Lyman, Joseph, Huntington, and E. Norden, Roslyn, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Rate and attitude indicating instrument. Re. 22,409; Dec. 21.
- Lyman, Wendell G., Brooklyn, assignor to D. P. Harris Hardware & Manufacturing Co., Inc., New York, N. Y. Bicycle basket. 2,327,587; Aug. 24.
- Lyman, Wendell G., Brooklyn, assignor to D. P. Harris Hardware & Manufacturing Co., Inc., New York, N. Y. Bicycle basket or similar receptacle. 2,331,211; Oct. 5.
- Lynam, John E. (See Wilders, G., and Lynam.)
- Lynam, Thornton L., assignor to Fibro Products Company, Inc., Bedford, Mass. Hand luggage construction. 2,335,950; Dec. 7.
- Lynch, Charles S., Fanwood, N. J., assignor to Standard Oil Development Company. Isomerization of n-paraffin. 2,307,053; Jan. 5.
- Lynch Corporation. (See Bridges, Edward G., assignor.)

- Lynch Corporation. (See Langer, G. B., and Bridges, assignors.)
- Lynch, Edward E. (See Thomas, H. C., and Lynch.)
- Lynch, Edward E., Easthampton, Mass., assignor to General Electric Company. Ampere-hour meter. 2,324,307; July 13.
- Lynch, Edward E., Easthampton, Mass., assignor to General Electric Company. Control system. 2,335,071; Nov. 23.
- Lynch, Edward E., Easthampton, Mass., and H. C. Thomas, Montgomery, Ala., assignors to General Electric Company. Manufacturing matched spirals. 2,329,548; Sept. 14.
- Lynch, Elbert J., St. Johnsbury, Vt., assignor to Fairbanks, Morse & Co., Chicago, Ill. Control means for weighing scales. 2,336,407; Dec. 7.
- Lynch, Ernest E., Alameda, assignor to T. P. Bacon, Sr., Oakland, Calif. Pulverizer mill. 2,318,173; May 4.
- Lynch, Harry J., et al. (See Bradley, James A., assignor.)
- Lynch, Joseph A., Middletown, N. Y. Material mixing device. 2,327,914; Aug. 24.
- Lynch, Kathryn L., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Duskyl esters of N-substituted aspartic acid and preparing the same. 2,324,712; July 20.
- Lynch, Kathryn L., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Mercury derivatives of esters of sulphocarboxylic acids. 2,325,411; July 27.
- Lynch Manufacturing Corporation. (See Sandberg, Oscar, assignor.)
- Lynch, Wallace M. V., Upper Darby, Pa. Vaporizer. 2,330,297; Sept. 28.
- Lynch, William J. (See Matthews, I. C., and Lynch.)
- Lynger, Erik S., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,313,250; Mar. 9.
- Lynger, Erik S., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,317,282; Apr. 30.
- Lynn, Clarence, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Unipolar generator control. 2,333,540; Nov. 2.
- Lynn, George E. (See Dieter, C. E., Lynn, and Thiels.)
- Lynn, George E. (See Smith, F. B., Lynn, and Fletcher.)
- Lynn, George E., assignor to The Dow Chemical Company, Midland, Mich. Parasiticide composition and method of preparation. 2,330,227; Sept. 28.
- Lynn, George E., F. W. Fletcher and G. H. Coleman, assignors to The Dow Chemical Company, Midland, Mich. Contact parasiticide. 2,316,962; Apr. 20.
- Lynn, George E., and F. W. Fletcher, assignors to The Dow Chemical Company, Midland, Mich. Treatment of gladiolus corms. 2,336,270; Dec. 7.
- Lyon, Claude H., assignor to Motor Wheel Corporation, Lansing, Mich. Rivet setting machine. 2,328,821; Sept. 7.
- Lyon, George A., Allenhurst, N. J. Ornamental trimming for wheels. Re. 22,410; Dec. 21.
- Lyon, George A., Allenhurst, N. J. Wheel cover. 2,308,615; Jan. 19.
- Lyon, George A., Allenhurst, N. J. Wheel structure. 2,308,616; Jan. 19.
- Lyon, George A., Allenhurst, N. J. Wheel structure. 2,308,617; Jan. 19.
- Lyon, George A., Allenhurst, N. J. Wheel structure. 2,308,618; Jan. 19.
- Lyon, George A., Allenhurst, N. J. Wheel structure. 2,309,519; Jan. 26.
- Lyon, George A., Allenhurst, N. J. Sailing craft. 2,312,567; Mar. 2.
- Lyon, George A., Allenhurst, N. J. Wheel cover structure and assembly. 2,312,568; Mar. 2.
- Lyon, George A., Allenhurst, N. J. Making wheel trim. 2,316,346; Apr. 13.
- Lyon, George A., Allenhurst, N. J. Wheel structure. 2,317,393; Apr. 27.
- Lyon, George A., Allenhurst, N. J. Wheel structure. 2,326,788; Aug. 17.
- Lyon, George A., Allenhurst, N. J. Wheel structure. 2,329,921; Sept. 21.
- Lyon, George A., Allenhurst, N. J. Die for drawing sheet metal articles. 2,330,228; Sept. 28.
- Lyon, George A., Allenhurst, N. J., assignor to Lyon Incorporated, Detroit, Mich. Fender scuff plate. 2,319,936; May 25.
- Lyon, George R., St. Marys, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Manufacture of rubber hydrochloride. 2,308,186; Jan. 12.
- Lyon Incorporated. (See Lyon, George A., assignor.)
- Lyon Metal Products, Incorporated. (See Bales, James E., assignor.)
- Lyon Metal Products, Incorporated. (See Bales, J. E., Vogt, and Monaco, assignors.)
- Lyon Metal Products, Incorporated. (See O'Connor, John B., assignor.)
- Lyon, Norman W., assignor to Package Machinery Company, Springfield, Mass. Web registering device. 2,314,411; Mar. 23.
- Lyon, Rupert D., Rochester, N. Y. Umbrella. 2,328,822; Sept. 7.
- Lyons, Andrew J., Jr., Highland Park, assignor to Magnadux Corporation, Chicago, Ill. Automatic hydraulically operated control for electrical circuits. 2,334,827; Nov. 23.
- Lyons, Frank H., assignor to Clyde Collins Incorporated, Memphis, Tenn. Beverage preparation and making the same. 2,332,735; Oct. 26.
- Lyons, Orin W., Tulsa, Okla., and J. H. Adkison, Midland, Tex., assignors to The Dow Chemical Company, Midland, Mich. Apparatus for treating wells. 2,327,051; Aug. 17.
- Lyons, Robert, et al. (See Tewksbury, John M., assignor.)
- Lyons, Robert L., Waltham, assignor, by mesne assignments, to United Corporation of Massachusetts, Cambridge, Mass. Button or the like sewing machine. 2,334,569; Nov. 16.
- Lysholm, Alf, Stockholm, Sweden. Motive fluid for prime movers. 2,325,618; Aug. 3.
- Lysholm, Alf, Stockholm, Sweden. Power plant for submarines and the like. 2,325,619; Aug. 3.
- Lysholm, Alf, Stockholm, and G. K. V. Roestad, Lidings, Sweden, assignors, by mesne assignments, to J. C. Marble, L. M. Merrill, and P. H. Batten, as trustees. Rotor. 2,325,617; Aug. 3.
- Lyska, Joseph, Detroit, Mich. Alarm device. 2,337,482; Dec. 21.
- Lyster, Roy S., Lansdowne, assignor to Alcorn Combustion Company, Philadelphia, Pa. Petroleum heater. 2,326,473; Aug. 10.
- Lytle, Robert B. (See Carmichael, E. M., assignor), and Stein.)
- Lytle, Robert W., Cincinnati, Ohio, assignor to The Formica Insulation Company. Electroconductive wheel. 2,324,589; July 20.
- Lytle, William O., New Kensington, assignor to Pittsburgh Plumb, Pittsburgh, Allegheny County, Pa. Manufacture of cellular bodies. 2,322,581; June 22.
- Lytle, Harry D., New York, N. Y. Dress construction. 2,325,143; July 27.
- Lytton, Marion R., Wilmington, and R. J. Taylor, Claymont, assignors to American Viscose Corporation, Wilmington, Del. Halogenated vinyl compound. 2,332,074; Oct. 26.
- M. J. Co. Company. (See Bardet, George V., assignor.)
- M & R Dietetic Laboratories, Inc. (See Otting, H. E., and Quilligan, assignors.)
- Maag, Max, Zurich, Switzerland. Micrometer gauge. 2,316,877; Apr. 20.
- Maag, Max, Zurich, Switzerland. Gauge. 2,329,067; Sept. 7.
- Maas, Zahnrad- & Maschinen Aktiengesellschaft. (See Ernst, Daniel, assignor.)
- Maas & Waldstein Company. (See Klinckenstein, G., Dannerth and Frey, assignors.)
- Maas & Waldstein Company. (See Klinckenstein, G., Frey, and Tuttle, assignors.)
- Maasberg, Albert T. (See Swinehart, R. W., and Maasberg, Carl E., Evanston, Ill., assignor to Gelatin Products Company, Detroit, Mich. Apparatus and process for making capsules. 2,333,433; Nov. 2.
- Mabee, Robert A., Villa Park, Ill. Fish lure and making same. 2,309,521; Jan. 26.
- Mabee, Arthur R., assignor to The Bristol Company, Waterbury, Conn. Controlling apparatus. 2,326,238; Aug. 10.
- Mabry, Forrest S., Catonsville, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic amplitude control for oscillator circuits. 2,320,876; June 1.
- Mabry, Helen M., New York, N. Y. Apparatus for applying coloring material to nails. 2,323,145; June 29.
- Macá, Paul, Chicago, Ill. Glass grinding and polishing machine. 2,332,329; Oct. 19.
- MacAllister, Robert V. (See Jurgensen, R. P., and MacAllister.)
- Macan, Harry C., Rutherford, N. J., assignor to Anaconda Copper Mining Company, New York, N. Y. Protecting electrodeposited metal surfaces. 2,324,859; July 20.
- Macan, Harry C., Rutherford, N. J., assignor to Anaconda Copper Mining Company. Stripping electrodeposited metal sheets. 2,335,776; Nov. 30.
- MacAnlis, James W., Ellwood City, Pa., assignor to National Tube Company. Marker for cylindrical work. 2,326,054; Aug. 17.
- MacIntyre, Limited. (See McIntyre, John T., assignor.)
- MacArthur, Charles J., Glen Ridge, N. J. Intaglio printing. 2,322,530; June 22.
- MacArthur, Roger A. (See Gelder, H. W., and MacArthur.)
- Macaulay, Walter B., Oakland, assignor to Yuba Manufacturing Company, San Francisco, Calif. Dredge hull. 2,314,624; Mar. 23.
- MacBean, Angus A. (See MacBean, Norman A., assignor.)
- MacBean, Norman A., assignor to A. A. MacBean, Hadfield, N. J. Bleaching wood. 2,312,218; Feb. 23.
- MacBlane, James. (See Van Ness, H. E., and MacBlane.)
- MacCarrini, Carlo, Springfield, Mass. Application of cords to food products. 2,328,085; Aug. 31.
- MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Strap seal. 2,319,334; May 18.

- MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Laminated gripping dog. 2,322,651; June 22.
- MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Pump piston. 2,320,973; June 1.
- MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Blowout preventer. 2,320,974; June 1.
- MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Piston. 2,320,975; June 1.
- MacClatchie Manufacturing Company of California. (See MacClatchie, John W., assignor.)
- MacClatchie Manufacturing Company. (See Phillips, Porter L., assignor.)
- MacClatchie Manufacturing Company. (See Raphael, Harold A., assignor.)
- MacClatchie Manufacturing Company of California. (See Green, Howard D., assignor.)
- Macchi, Aldo, Belleville, N. J., assignor to General Electric Company. Conversion oil burner. 2,311,404; Feb. 16.
- Macchi, Aldo, Belleville, N. J., assignor to General Electric Company. Oil burner control. 2,325,964; Aug. 3.
- MacCordy, Charles A., Fulton, N. Y. Parking meter. 2,327,538; Aug. 24.
- MacCorquodale, Donald W. (See Doisy, E. A., Thayer, Binkley, McKee, and MacCorquodale.)
- Macdonald, Alexander D., Malden, assignor to B. B. Chemical Co., Boston, Mass. Composition containing polymerized chloroprene. 2,323,338; July 6.
- Macdonald, Alexander D., Malden, assignor to B. B. Chemical Co., Boston, Mass. Polymerized chloroprene compositions. 2,328,351; Aug. 31.
- Macdonald, Alexander D., Malden, assignor to B. B. Chemical Co., Boston, Mass. Liquid compositions containing polymerized chloroprene. 2,323,352; Aug. 31.
- Macdonald, Charles, Evanston, Ill., J. W. McNairy, Bridgeport, Conn., and J. F. Trittle, Erie, Pa., assignors to General Electric Company. Motor control system. 2,327,809; Aug. 24.
- Macdonald, Donald P., San Francisco, Calif. Training apparatus. 2,307,840; Jan. 12.
- Macdonald, George S., assignor to Spencer Lens Company, Buffalo, N. Y. Microscope. 2,318,871; May 11.
- Macdonald, George S., Buffalo, and J. E. Trafton, Kenmore, assignors to Spencer Lens Company, Buffalo, N. Y. Optical instrument. 2,328,284; Aug. 31.
- Macdonald, Herbert G., Oak Park, Ill., assignor to Charles Bruning Company, Inc., New York, N. Y. Cooling device for printing machines. 2,311,849; Feb. 23.
- Macdonald, Herbert G., Oak Park, and J. H. Hruby, Chicago, Ill., assignors to Charles Bruning Company, Inc., New York, N. Y. Developing device. 2,336,875; Dec. 14.
- Macdonald, James A., Glendale, assignor to J. U. Birnie, Los Angeles, Calif. Making coherent materials. 2,313,082; Mar. 9.
- Macdonald, James A., Glendale, assignor to J. U. Birnie, Los Angeles, Calif. Apparatus for producing coherent materials. 2,330,300; Sept. 28.
- Macdonald, James H., Seattle, Wash. Propeller nut hanger. 2,323,614; July 6.
- Macdonald, John G. (See Brownlee, Stuart D., and Macdonald.)
- Macdonald, Joseph R., Winchester, Mass. Packaging live lobsters. 2,316,607; Apr. 13.
- Macdonald, Kenneth W., Watertown, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Shoe pressing machine. 2,317,151; Apr. 20.
- Macdonald, Laurie S. (See Sabel, I., and Macdonald.)
- Macdonald, Laurie S., and O. N. Johnson, assignors to Thompson Bros. Shoe Co., Brockton, Mass. Boot or shoe. 2,322,532; June 22.
- Macdonald, Lester S. (See Standish, J. F., and Macdonald.)
- Macdonald, Lester S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. In-seam joint forming machine. 2,328,086; Aug. 31.
- Macdonald, Raymore D., Battle Creek, Mich., and S. E. Hilblom, Chicago, Ill., assignors to International Harvester Company. Agricultural implement. 2,311,117; Feb. 16.
- Macdonald, Raymore D., Battle Creek, Mich., assignor to International Harvester Company. Manure spreader. 2,318,406; May 4.
- Macdonald, Ronald T. (See Farrington, B. B., Humphreys, and Macdonald.)
- Macdonald, William G. (See Wilders, G., and Macdonald.)
- MacDonell, Vernon E., Metuchen, N. J., assignor to International Smelting and Refining Company. Metallurgical furnace. 2,331,992; Oct. 19.
- Macdonald, William G. (See Wilders, G., and Macdonald.)
- MacDougall, Franklin M., Royal Oak, assignor to Alco Valve Company, Maplewood, Mo. Valve control. 2,323,489; July 6.
- MacDougall, Seymour E., Buffalo, N. Y. Dental flask. 2,328,285; Aug. 31.
- MacDowell, Louis G., Charleston, and R. W. McNamee, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Tetraacetals of glycol with glycol monoethers and process of making them. 2,321,094; June 8.
- MacDowell, Louis G., Lakeland, Fla., and H. C. Chitwood, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Making substituted dioxanes. 2,331,993; Oct. 19.
- MacDuff, Stanley I., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,308,885; Jan. 19.
- Mace, Arthur T., East Cleveland, assignor to The Radiart Corporation, Cleveland, Ohio. Mast antenna actuator. 2,329,404; Sept. 14.
- Mace, Arthur T., and K. C. Burcaw, assignors to The Radiart Corporation, Cleveland, Ohio. Automobile radio antenna. 2,312,107; Feb. 23.
- Macek, Matt, Jr. (See Macek, M., Sr., and Macek, Jr.)
- Macek, Matt, Sr., and M. Macek, Jr., Cedar Rapids, Iowa. Millstone. 2,330,087; Sept. 21.
- Macfarren, Walter W., Los Angeles, Calif. Variable speed friction transmission. 2,308,090; Jan. 12.
- MacGregor, Charles L. (See Dodkin, D., and MacGregor.)
- MacGregor, Wallace C., Chicago, Ill. Angle slide roller. 2,318,002; May 4.
- Machado, Anthony B. (See Friden, C. M., and Machado.)
- Machemer, Hans. (See Gruber, W., and Machemer.)
- Machin, Willis H., Middlebury, Conn., assignor, by mesne assignments, to General Aniline & Film Corporation. Tripod and other constructions. 2,327,728; Aug. 24.
- Machine and Tool Designing Co. (See Pecker, J. S., and Simpson, assignors.)
- Machine and Tool Designing Company. (See Simpson, Henry A., assignor.)
- Machine and Tool Designing Company. (See Simpson, H. A., and Larsen, assignors.)
- Machinery Manufacturing Co. (See Huthsing, Leo B., assignor.)
- Machinery & Supply Corp. of America. (See Hodge, Warren C., assignor.)
- Machlet, Adolf W., Elizabeth, N. J. Bathing workpieces in a controlled atmosphere. 2,311,344; Feb. 16.
- Machlett Laboratories Incorporated. (See Cooke, Herbert S., assignor.)
- Machlett Laboratories Incorporated. (See Machlett, R. R., and Rogers, assignors.)
- Machlett Laboratories, Incorporated. (See Skehan, J. W., and Agule, assignors.)
- Machlett, Raymond R., and T. H. Rogers, New Canaan, assignors to Machlett Laboratories Incorporated, Springdale, Conn. Rotary anode X-ray tube. 2,336,271; Dec. 7.
- Macht, Maurice L., Jersey City, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Methyl methacrylate molding composition. 2,326,543; Aug. 10.
- Macht, Maurice L., Jersey City, and M. M. Renfrew, Arlington, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of synthetic filament. 2,311,405; Feb. 16.
- Macht, Maurice L., Jersey City, and D. A. Fletcher, Bloomfield, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Molding compounds. 2,321,759; June 15.
- MacDowdle, John C., Nashua, N. H., assignor to John-Macville Corporation, New York, N. Y. Cementitious article of manufacture. 2,307,629; Jan. 5.
- MacInire, Walter H., Knoxville, Tenn., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Making heavy magnesium oxide. 2,328,286; Aug. 31.
- MacIsaac, Donald, Downey, Calif. Holst for materials. 2,311,555; Feb. 16.
- MacIver, Charles P. (See Beckwith, E. L., and MacIver.)
- Mack, Bryan. (See Ducey, John M., assignor.)
- Mack, Edward L., New York, N. Y. Fastener. 2,317,787; Apr. 27.
- Mack, Edward L., Douglaston, N. Y., and E. H. Morse, Nutley, N. J., assignors to Reynolds Research Corporation, Richmond, Va. Coating and filming machine and apparatus. 2,314,453; Mar. 23.
- Mack, Edward L., Douglaston, N. Y., and E. H. Morse, Nutley, N. J., assignors to Reynolds Research Corporation, Richmond, Va. Coated foil. 2,326,955; Aug. 17.
- Mack, Gerry, Jackson Heights, N. Y., assignor to Advance Solvents and Chemical Corporation. Process and material for thickening latex and like materials. 2,328,956; Aug. 17.
- Mack, Gerry P., Jackson Heights, N. Y. Dispersion of polyisobutylene in aqueous mediums. 2,330,504; Sept. 28.
- Mack, Gerry P., Jackson Heights, assignor to Advance Solvents & Chemical Corporation, New York, N. Y. Gutta-percha like composition. 2,337,908; Dec. 28.
- Mack Manufacturing Corporation. (See Loeffler, B., and Plan, assignors.)
- Mack Manufacturing Corporation. (See Matthews, Joseph L., assignor.)
- MacKay, John R., West Caldwell, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Proportional control system. 2,336,492; Dec. 14.

- MacKay, John R., West Caldwell, assignor to Wallace & Torman Products, Inc., Belleville, N. J. Proportional control system and procedure. 2,336,994; Dec. 1.
- Mackay Radio and Telegraph Company. (See Alford, Andrew, assignor.)
- MacKenzie, Fred T. (See Flygare, C. G., and MacKenzie.)
- MacKenzie, John F. (See Rossby, P. N., and MacKenzie.)
- MacKenzie, Neil M., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Azo dyestuff. 2,310,181; Feb. 2.
- MacKenzie, Neil M., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Azo dyestuff intermediate. 2,328,333; Aug. 31.
- MacKenzie, Neil M., Bound Brook, N. J., assignor to American Cyanamid Company, New York, N. Y. Azo dyestuff intermediates. 2,332,385; Oct. 19.
- MacKenzie, Neal T., assignor to General Timber Service, Inc., St. Paul, Minn. Joint for wood structures. 2,328,823; Sept. 7.
- MacKenzie, Neal T., assignor to General Timber Service, Inc., St. Paul, Minn. Manufacture of boxlike structures. 2,332,652; Oct. 26.
- MacKenzie, Neal T., and H. E. Hall, assignors to General Timber Service, Inc., St. Paul, Minn. Wood conduit. 2,336,065; Dec. 14.
- MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Feeding means for shoe sole treating machines. 2,318,097; May 11.
- MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe bottom coating machine. 2,321,601; June 15.
- MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Cementer for platform sole and wedge heel units. 2,325,784; Aug. 3.
- MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Cementing machine. 2,335,348; Nov. 30.
- MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Adhesive applying machine. 2,335,349; Nov. 30.
- Mackey, Alexander S., Ottawa, Ontario, Canada. Seal. 2,327,915; Aug. 24.
- Mackey, Bill H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Smokeless powder composition. 2,320,243; May 25.
- Mackey, Henry W., assignor to Motor Products Corporation, Detroit, Mich. Window assembly. 2,322,649; June 22.
- Mackey, Henry W., and Guy M. Lane, Detroit, Mich. Electric fan. 2,308,335; Jan. 12.
- Mackie, David S., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Material handling device. 2,323,551; July 6.
- Mackie, David S., Flint, assignor to General Motors Corporation, Detroit, Mich. Automatic decalcomania paper stripper. 2,337,724; Dec. 28.
- Mackie, Harry A., Westwood, Calif., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Rotary operative fastener. Re. 22,404; Dec. 14.
- MacKinney, John J. (See Winlock, J., and MacKinney.)
- MacKinney, Wallace E., Oak Park, Ill. Applying comminuted material to surfaces. 2,334,112; Nov. 9.
- MacKinnon, Donald J., Seattle, Wash. Air-flow indicator. 2,311,238; Feb. 16.
- Mackintosh, Charles, Los Angeles, Calif. Heel connection. 2,327,655; Aug. 24.
- Mackintosh, Charles, Los Angeles, Calif. Building brace. 2,329,068; Sept. 7.
- Macklin, Paul M., Tuckahoe, N. Y., assignor, by mesne assignments, to American Isteq Steel Corporation. Twisting machine. 2,314,151; Mar. 16.
- MacKnight, John D., Mount Vernon, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Submersible barge. 2,327,118; Aug. 17.
- MacKoud, Michel E., Gloucester, Mass. Automatic starting gate. 2,319,420; May 18.
- MacLachlan, Robert D. (See Thomas, F. W., and MacLachlan.)
- MacLaren, Archibald D., St. Paul, Minn. Oil filter. 2,319,421; May 18.
- MacLaren, Frederick B., Jr., assignor to The Bristol Company, Waterbury, Conn. Electrothermally operated circuit controller. 2,326,239; Aug. 10.
- MacLaren, Frederick H., Calumet City, assignor to Standard Oil Company, Chicago, Ill. Steam cylinder oil. 2,316,347; Apr. 13.
- MacLaren, Owen F., West Drayton, assignor to MacLaren Undercarriage Company Limited, London, England. Endless track element for aircraft and land vehicles. 2,315,901; Apr. 6.
- MacLaren Undercarriage Company Limited. (See MacLaren, Owen F., assignor.)
- MacLaurin, John W., assignor to McLaurin-Jones Co., Brookfield, Mass. Decalcomania papers. 2,318,120; Apr. 6.
- MacLaurin-Jones Co. (See MacLaurin, John, assignor.)
- MacLaurin, Robert D., Bay Village, and E. B. Helm, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Manufacture of thread or the like. 2,326,150; Aug. 10.
- MacLean, A. C. (See Woodard, R. E., and MacLean.)
- MacLean, Allen D., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Pilot loading or control regulator. 2,331,094; Oct. 19.
- MacLean, Allen D., and F. Niesemann, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Intermittent pressure control system. 2,308,187; Jan. 12.
- MacLean, Gordon, Flushing, assignor to The Turbo-Mixer Corporation, New York, N. Y. Apparatus for treating liquids with gases. 2,313,654; Mar. 9.
- MacLean, John A. (See Left, H. H., and MacLean.)
- MacLean, John D., Inverness, Scotland. Parallel rule and protector. 2,332,100; Oct. 19.
- MacLean, R. Byron, et al. (See Jeffrey, Joseph G., assignor.)
- MacLeod, Duncan W. (See Bitter, R. E., and MacLeod.)
- MacMahon, James D., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Chemical manufacture. 2,319,607; May 18.
- MacManus, John, Yonkers, assignor to Cushman's Sons Inc., New York, N. Y. Pastry icing apparatus. 2,330,120; June 1.
- MacMillan, Royal J., assignor of one-third to F. M. Lewis and one-third to W. C. Kregel, St. Paul, Minn. Bowling score sheet display table. 2,316,444; Apr. 13.
- MacMillan, Willard. (See Johnson, Chester W., assignor.)
- MacMullin, Robert B., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Transportation of chemicals. 2,332,242; Oct. 19.
- Macneale, Neil. (See Burt, R. V., and Macneale.)
- MacNeil, Charles I., Glen Ridge, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Instrument illumination. 2,308,704; Jan. 19.
- MacNeil, Charles I., Glen Ridge, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Fluid pressure apparatus. 2,331,127; Oct. 5.
- MacNeil, Charles I., Glen Ridge, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Power indicator. 2,331,128; Oct. 5.
- MacNeil, Charles S. J. (See Blanchard, W. J., and MacNeil.)
- MacNeil, George L., Reading, Pa. Self-cleaning strainer. 2,310,587; Feb. 9.
- MacNish, Charles F. (See Boath, H. E., MacNish and Cole.)
- MacNish, Charles F. (See Ellaby, Charles H.)
- MacNutt, Arthur D., Kenmore, assignor to Certain-Teed Products Corporation, New York, N. Y. Insulating covering. 2,316,093; Apr. 6.
- Macormack, James G., et al. (See Amesbury, E. M., Macormack, Roberts, and Sample.)
- Macpherson, Daniel C. (See Rooney, J. H., Hawtin and Macpherson.)
- MacPherson, Earle S., assignor to General Motors Corporation, Detroit, Mich. Equalized hydraulic brake system for six wheeled vehicles. 2,324,007; July 13.
- MacPherson, John A., and E. Lasnik, Erie, Colo. Fan line connector. 2,307,414; Jan. 6.
- MacSporran, Charles, Detroit, Mich., assignor to Phillips Petroleum Company, System for storage and utilization of fuel gases. 2,309,854; Feb. 2.
- Macvaugh, Gilbert S., U. S. Navy. Weather shield visor. 2,307,054; Jan. 5.
- Macy, R. H., & Co. Inc. (See Young, George W., assignor.)
- MacWilliam, Wallace, Nutley, and F. W. Thiemann, Bloomfield, assignors to Resistoflex Corporation, Belleville, N. J. Hose coupling. 2,329,281; Sept. 14.
- Madan, Edward K., Maplewood, N. J. Curtain hanger. 2,320,003; May 25.
- Madan, Edward K., Maplewood, N. J. Flashlight shield. 2,333,541; Nov. 2.
- Madden, Edward G., Kearney, N. J., and B. Murdoch, Brooklyn, N. Y., assignors to Wolfe & Lange, Inc. Undergarment. 2,323,718; July 6.
- Madden, Harry D., South Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Meter casing. 2,320,946; June 1.
- Madden, Harry D., South Orange, and J. W. Greenbowe, Newark, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Manufacture of electric tubes. 2,321,224; June 8.
- Madden, Louis J., Syracuse, assignor to International Salt Co., Inc., Ithaca, N. Y. Tablet dispensing machine. 2,308,188; Jan. 12.
- Maddock, Thomas, Safford, Ariz. Bridge. 2,330,981; Oct. 5.
- Maddox, Clarence J., Seattle, Wash. Slope reducing board. 2,309,855; Feb. 2.
- Maddox, Guy R., Borger, Tex. Air conditioner. 2,325,692; Aug. 3.
- Madeira, John R., assignor to Goodman Manufacturing Company, Chicago, Ill. Extensible conveyor. 2,318,872; May 11.
- Mader, Emil A., assignor of one-half to J. Spargo, Detroit, Mich. Pivoted louver with seating pad. 2,311,950; Feb. 23.

- Mader, Emil A., assignor of one-half to J. Spargo, Detroit, Mich. Counterbalanced louver construction. 2,314,003; Mar. 16.
- Mader, Otto, Dessau-Ziebigk, Germany; Allen Property Custodian. Air removing apparatus. 2,308,376; Jan. 12.
- Mader, Stewart S. (See Flygare, C. G., and Mader.)
- Madge, Evelyn W., Sutton Coldfield, and F. T. Purkis, Moseley, Birmingham, assignors to Dunlop Rubber Company Limited, London County, England. Manufacture of rubber sheeting. 2,336,944; Dec. 14.
- Madland, Gabriel, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Door opening and closing device. 2,319,510; May 18.
- Madland, Thorvald, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,315,719; Apr. 6.
- Madie, Alain M., assignor to Graham Transmissions Inc., Milwaukee, Wis. Variable speed transmission. 2,315,067; Mar. 30.
- Madlen, Leo S., San Francisco, Calif. Pump. 2,321,498; June 8.
- Madrazo, Louis, et al. (See Graziano, Joseph, assignor.)
- Madsen Iron Works. (See Madsen, Peter, assignor.)
- Madsen, Paul S., Bethany, assignor to The Seamless Rubber Company, New Haven, Conn. Ice bag. 2,314,650; Mar. 23.
- Madsen, Paul S., Bethany, assignor to The Seamless Rubber Company, New Haven, Conn. Adhesive tape dispensing device. 2,322,950; June 29.
- Madsen, Paul S., Bethany, and A. A. Arnold, Hamden, assignors to The Seamless Rubber Company, New Haven, Conn. Coupling. 2,317,545; Apr. 27.
- Madsen, Peter, Los Angeles, Calif., assignor by mesne assignments to Madsen Iron Works. Lunch counter stool. 2,313,488; Oct. 12.
- Madsen, Sern, assignor to Mattison Machine Works, Rockford, Ill. Dressing device. 2,312,347; Mar. 2.
- Maeder, Abbott S. (See Cooke, W. T., and Maeder.)
- Maeder, Mieth, Beverly Hills, assignor to United Shoe Machinery Corporation, Flemington, N. J. Cutting block. 2,325,620; Aug. 3.
- Maga, Joe, Los Angeles, Calif. Lawn edger. 2,312,569; Mar. 2.
- Magazine Repeating Razor Company. (See Hill, Hermann, assignor.)
- Magazine Repeating Razor Company. (See Kuhn, Leopold, assignor.)
- Magazine Repeating Razor Company. (See Kuhn, L., and Keyburn, assignors.)
- Magee Carpet Company, The. (See Taylor, Richard, assignor.)
- Magee, Frederick M., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Picking mechanism for looms. 2,336,376; Dec. 14.
- Magev, Robert B., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Hoist driving mechanism. 2,307,284; Jan. 5.
- Magee, Robert B., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Driving mechanism for hoists. 2,328,088; Aug. 31.
- Mageoch, Nelson H., (See Benson, R. C., and Mageoch.)
- Magerkurth, William A. (See Iverson, C., and Magerkurth.)
- Mages, Morris, assignor to V. Mueller & Company, Chicago, Ill. Audiometer. 2,310,588; Feb. 9.
- Mages, Morris, assignor to V. Mueller & Company, Chicago, Ill. Signal interrupting means for audiometers. 2,310,589; Feb. 9.
- Magill, Donald G., Great Neck, assignor to American Can Company, New York, N. Y. Sealing fiber cans. 2,311,675; Feb. 23.
- Magill, Harry S., Inglewood, and E. G. Bruce, Whittier, assignors to Vultee Aircraft, Inc., Downey, Calif. Cockpit enclosure for airplanes. 2,332,158; Oct. 19.
- Magill, Warren C., Jeffersonville, Ind., assignor to Sears, Roebuck and Co., Chicago, Ill. Finishing textile fabrics. 2,312,348; Mar. 2.
- Maglin, Bernard, Detroit, Mich. Recording barograph. 2,314,722; Mar. 23.
- Maginn, Harold, Waverly, Ill. Separator cylinder. 2,320,944; June 1.
- Maginn, Harold, Waverly, Ill. Thresher cylinder construction. 2,320,945; June 1.
- Maginn, Harold, Waverly, Ill. Thresher cylinder construction. 2,336,693; Dec. 14.
- Magnafux Corporation. (See Doane, Foster B., assignor.)
- Magnafux Corporation. (See Ellis, Greer, assignor.)
- Magnafux Corporation. (See Lyons, Andrew J., Jr., assignor.)
- Magnal Products Limited. (See Pyle, P. R. C., and Sheppard, assignors.)
- Magnesium Elektron Limited. (See Bushrod, Charles J., assignor.)
- Magnetest Corporation. (See Irwin, Emmett M., assignor.)
- Magnetic Analysis Corporation. (See Zuschlag, Theodore, assignor.)
- Magnetos Lucifer S. A. (See Girard, Georges, assignor.)
- Magnus, Carl E. (See Nelson, G. E., and Magnus.)
- Magnus, Carl E. (See Pearson, P. E., and Magnus.)
- Magnus Metal Corporation. (See Dodd, Louis C., assignor.)
- Magnuson, A., et al. (See Magnuson, Raymond A., assignor.)
- Magnuson, R. A., et al. (See Magnuson, Raymond A., assignor.)
- Magnuson, Raymond A., Chicago, Ill., assignor, by mesne assignments, to R. A. Magnuson, A. Magnuson and E. Peterson, Chicago, Ill., co-partners doing business under the firm name of Vogel-Peterson Co. Clothing rack. 2,309,465; Jan. 26.
- Magnuson, Roy M. (See Thompson, A. R., and Magnuson.)
- Magnuson, Roy M., Campbell, assignor to Food Machinery Corporation, San Jose, Calif. Cherry candler. 2,308,190; Jan. 12.
- Magnuson, Roy M., Campbell, assignor to Food Machinery Corporation, San Jose, Calif. Pump piston packing. 2,312,430; Mar. 2.
- Magnuson, Roy M., Campbell, assignor to Food Machinery Corporation, San Jose, Calif. Pressure regulating means. 2,313,351; Mar. 9.
- Magnuson, Roy M., Campbell, assignor to Food Machinery Corporation, San Jose, Calif. Crank case, crank shaft, and bearing assembly. 2,336,272; Dec. 7.
- Magnusson, Ellis M., Stockholm, Sweden, assignor, by mesne assignments, to Ekonomiregister Inc., New York, N. Y. Bookkeeping machine. 2,317,284; Apr. 20.
- Magrum, Gervase M., Buffalo, N. Y., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Hydraulic shock absorber structure. 2,334,340; Nov. 16.
- Magrum, Gervase M., Buffalo, N. Y., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Hydraulic shock absorber. 2,329,623; Sept. 21.
- Maguire, Amelia E., Venice, Calif. Educational multiplying device. 2,336,742; Dec. 14.
- Maguire, Cedric F., St. Petersburg, Fla. Bathroom ventilator. 2,326,957; Aug. 17.
- Maguire, John J. (See Noll, C. A., and Maguire.)
- Magus, A. G. (See Lienhard, Fritz, assignor.)
- Mahler, William E. (See Seastone, J. B., and Mahin.)
- Maher, George R. (See Atkinson, C., and Maher.)
- Maher, Laurence C., Asbury Park, N. J. Window control means. 2,334,635; Nov. 16.
- Maher, William W., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Can end testing machine. 2,330,229; Sept. 28.
- Mahin, William E. (See Seastone, J. B., and Mahin.)
- Mahler, William, Oakmont, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bright-finish metal-treating furnace. 2,307,522; Jan. 5.
- Mahlick, Gustav, East Orange, N. J. Lamp. 2,316,348; Apr. 13.
- Mahler, Edward J. (See Gaylor, P. J., and Mahler.)
- Mahler, Esther, Philadelphia, Pa. Girdle or the like. 2,328,385; Aug. 31.
- Mahler, George T. (See Steckel, E. W., and Mahler.)
- Mahler, William, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,309,127; Jan. 26.
- Mahler, William, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicer. 2,318,003; May 4.
- Mahlstadt, Julius M., Mason City, Iowa. Brooder. 2,312,257; Feb. 23.
- Mahnken, Werner, Berlin, Germany; vested in the Alien Property Custodian. Push button device. 2,320,628; June 1.
- Mahoney, Charles F., Baldwin, Long Island, assignor of one-half to Thomas A. Cerdano, Brooklyn, N. Y. Vapor heating system. 2,331,407; Oct. 12.
- Mahoney, Joseph A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,336,362; Dec. 7.
- Mahoney, Paul L. (See Teague, M. C., and Mahoney.)
- Mahr, Hermann W. (See Munson, L. S., and Mahr.)
- Mairbauer, Albert E. T., Staten Island, assignor, by mesne assignments, to Union Carbide and Carbon Corporation, New York, N. Y. Electroplating equipment. 2,320,442; June 1.
- Maier, August R., Oil City, Pa., assignor to Oil Well Supply Company. Draw works. 2,315,157; Mar. 30.
- Maier, August R., Oil City, Pa., assignor to Oil Well Supply Company. Catline apparatus for hoists. 2,323,095; Jan. 29.
- Maier, August R., Dallas, Tex., assignor to Oil Well Supply Company. Pin and clevis connection. 2,337,335; Dec. 21.
- Maier, Abraham, New York, N. Y. Wave dressing comb. 2,333,326; Nov. 2.
- Maier, Cully. (See Lehman, A. W., Jr., and Maier.)
- Maier, Emilio, Buenos Mejia, Argentina. Wire belt joint. 2,327,729; Aug. 24.
- Maier-Hüser, Hans, and K. Junkmann, Berlin, Germany, assignors to Schering Corporation, Bloomfield, N. J. Preparation of thyroretropic hormone and producing the same. 2,331,334; Oct. 12.
- Malhack, Herman J., Jersey City, N. J., assignor of one-half to G. H. Hutaif, Jr., Wilmington, N. C. Food warmer. 2,319,422; May 18.
- Malhack, Herman J., Jersey City, N. J., assignor of one-half to G. H. Hutaif, Jr., Wilmington, N. C. Food warmer. 2,319,423; May 18.
- Maillart, Edmond B., Media, assignor to The Fibre-Metal Products Company, Chester, Pa. Adjustable headgear connection for helmets. 2,320,244; May 25.

- Mahn, Donald W., and F. P. Hirsch, assignors to Michigan Patents Corporation, Jackson, Mich. Self-sealing coupling. 2,311,239; Feb. 16.
- Main Steel, Inc. (See Woodbury, John B., assignor.)
- Mainardi, Marcus N. (See Mainardi, Pompey and Marcus N.)
- Mainardi, Pompey, and M. N. Mainardi, Paterson, N. J. Stereoscopic system. 2,313,661; Mar. 9.
- Mainardi, Pompey, and M. N. Mainardi, Paterson, N. J. Stereoscope. 2,313,662; Mar. 9.
- Maines, Kenneth B., Venice, Calif. Expansion pillars. 2,334,781; Nov. 23.
- Maisant, Bernard, Paris, France; vested in the Allen Property Custodian. Coconut retting method. 2,313,297; Mar. 9.
- Maisel, Michael, New York, N. Y. Doll's head. 2,307,523; Jan. 5.
- Malise, Paul F., assignor to Briggs Manufacturing Company, Detroit, Mich. Bending machine. 2,327,440; Aug. 24.
- Major, John R. (See Kendall, J. D., and Major.)
- Major, Ralph M. (See Anderson, P. P., Jr., and Major.)
- Major, Randolph T., Plainfield, and H. T. Bonnett, assignors to Merck & Co., Inc., Rahway, N. J. Preparing therapeutically active substances. 2,322,375; June 22.
- Major, Sidney H., Storm Lake, Iowa. Educational toy. 2,317,206; Apr. 20.
- Majer, Wayne H., Fort Wayne, Ind. Postman's umbrella attachment. 2,325,526; July 27.
- Majoros, Frank E. (See Balk, D. Katz, and Majoros.)
- Makant, Joseph E., assignor to Potter & Johnston Machine Company, Pawtucket, R. I. Cross slide construction for machine tools. 2,332,805; Oct. 26.
- Makela, Hilda S., Iron River, Mich. Compact. 2,336,024; Dec. 7.
- Makin, Melfred, Ontario, Oreg. Retresher attachment for threshers. 2,300,730; Feb. 2.
- Malarkey, Charles B., Portland, Oreg. Door construction. 2,334,113; Nov. 9.
- Malcolm, James V., Jr., et al. (See Longdin, Harry W., assignor.)
- Malcolm, R., Limited. (See Lobelle, Marcel J. O., assignor.)
- Malcom, Robert, Chicago, Ill. Protector for rotary work. 2,307,524; Jan. 5.
- Malek, Morris N., Bronx, assignor of one-half to McCurrah Organization Incorporated, New York, N. Y. Label tacking machine. 2,313,832; Mar. 16.
- Maleson, Leonard, Philadelphia, Pa. Ammonium sulphate recovery process. 2,324,222; July 13.
- Malhhot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Feed mechanism. 2,307,415; Jan. 5.
- Malhhot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Weighing mechanism. 2,322,862; June 29.
- Malhlot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Label feeding and applying mechanism. 2,330,830; Oct. 5.
- Malhlot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Wrapping machine feeding mechanism. 2,330,831; Oct. 5.
- Malhlot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Wrapping machine. 2,336,795; Dec. 14.
- Malke, Sven, assignor to A. O. Smith Corporation, Milwaukee, Wis. Quenching device. 2,307,694; Jan. 5.
- Malkin, Bernard A., assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Drive mechanism for papermaking machines. 2,307,746; Jan. 12.
- Mail Tool Company. (See Gordon, Walter L., assignor.)
- Malleable Iron Fittings Company. (See Jenne, Kenneth C., assignor.)
- Malleable Iron Fittings Company. (See Kennedy, Freeman W., assignor.)
- Malleable Iron Fittings Company. (See Williams, Roland G., assignor.)
- Mallina, Rudolph F. (See Lovell, C. A., and Mallina.)
- Mallina, Rudolph F. (See Lovell, C. A., Mallina, and Parkinson.)
- Mallina, Rudolph F. (See Lovell, C. A., Mallina, and Vieth.)
- Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,307,525; Jan. 5.
- Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,315,344; Mar. 30.
- Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching device. 2,317,469; Apr. 27.
- Mallina, Rudolph F., Hastings on Hudson, N. Y., and H. O. Siegmund, West Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical connecting device. 2,315,720; Apr. 6.
- Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alternating current generator. 2,323,719; July 6.
- Mallina, Rudolph F., Hastings on Hudson, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,327,730; Aug. 24.
- Mallinckrodt, Charles O., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control. 2,326,871; Aug. 17.
- Mallinckrodt Chemical Works. (See Stoughton, Roger W., assignor.)
- Malling, Leonard R., Douglaston, N. Y., assignor to Hazeltine Corporation. High-frequency signal-transmitting system. 2,336,555; Dec. 14.
- Mallon, Edward J. (See Tinker, Walter H., assignor.)
- Mallory, Bonnie L., Cleveland Heights, Ohio. Friction type shock absorber for knee action or the like. 2,318,873; May 11.
- Mallory, Bonnie L., Cleveland Heights, Ohio. Shock absorber. 2,326,665; Aug. 10.
- Mallory, Gerald D., assignor to Wingfoot Corporation, Akron, Ohio. Production of tamperproof seals. 2,331,794; Oct. 12.
- Mallory, Louis V., Rock Island, Ill. Antitheft wheel. 2,334,828; Nov. 23.
- Mallory, Marlon, Detroit, Mich. Carburetor for internal combustion engines. 2,317,935; Apr. 27.
- Mallory, Marlon, Detroit, Mich. Governor for internal combustion engines. 2,322,764; June 29.
- Mallory, Marlon, Detroit, Mich. Combination carburetor and ignition system. 2,332,586; Oct. 26.
- Mallory, P. R., & Co. (See Hall, Harry C., assignor.)
- Mallory, P. R., & Co. (See Hensel, Franz R., assignor.)
- Mallory, P. R., & Co. (See Hensel, F. R., and Larsen, assignor.)
- Mallory, P. R., & Co. (See Hensel, F. R., Larsen and Swazy, assignors.)
- Mallory, P. R., & Co. (See Holt, Edman F., assignor.)
- Mallory, P. R., & Co. (See Huettner, Clarence, assignor.)
- Mallory, P. R., & Co. (See Larsen, E. I., and Swazy, assignors.)
- Mallory, P. R., & Co. (See Zimmerman, H. M., and Puerner, assignors.)
- Mallory, Robert L., Houston, Tex., assignor to The Brown Instrument Company, Philadelphia, Pa. Control instrument. 2,314,152; Mar. 16.
- Mallory, Vernon L., San Antonio, assignor of seventy per cent to S. S. Nye, Brownsville, Tex. Lighting system. 2,325,258; July 27.
- Maly, John J., Cleveland Heights, Ohio, assignor to General Electric Company. Base for electric lamps and similar devices and manufacture. 2,336,556; Dec. 14.
- Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing cellulose for esterification. 2,315,973; Apr. 6.
- Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of cellulose esters. 2,318,573; May 4.
- Malm, Carl J., and G. J. Clarke, assignors to Eastman Kodak Company, Rochester, N. Y. Coating. 2,307,783; Jan. 12.
- Malm, Carl J., and G. J. Clarke, assignors to Eastman Kodak Company, Rochester, N. Y. Coating. 2,315,974; Apr. 6.
- Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Production of laminated structures. 2,336,273; Dec. 7.
- Malm, Carl J., and G. D. Hlatt, assignors to Eastman Kodak Company, Rochester, N. Y. Adhesive and the method of causing adherence therewith. 2,324,097; July 13.
- Malm, Carl J., and G. J. Clarke, assignors to Eastman Kodak Company, Rochester, N. Y. Dipping lacquer. 2,324,098; July 13.
- Malm, Carl J., and M. Salo, assignors to Eastman Kodak Company, Rochester, N. Y. Preparing polyvinyl acetal resins. 2,333,804; Nov. 9.
- Malm, Leland S., and J. F. Oneto, San Francisco, Calif. Checking pencil. 2,334,271; Nov. 16.
- Malmer, Albert E., Blue Island, Ill. Match book holder. 2,336,945; Dec. 14.
- Malmqvist, Nils G. A., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Resilient wheel. 2,328,660; Sept. 7.
- Malmqvist, Oscar V., Minneapolis, Minn. Hydraulic transmission mechanism. 2,324,308; July 13.
- Malmqvist, Johan D. (See Gustafsson, G. V. A., and Malmqvist.)
- Malmstedt, Lilyan, New York, N. Y. Combination brassiere and girdle. 2,315,975; Apr. 6.
- Malone, Charles B., Stamford, assignor to Hopewood Manufacturing Company, Springdale, Conn. Lubrication system. 2,334,942; Nov. 23.
- Malone, Homer E., assignor to Perfex Corporation, Milwaukee, Wis. Control device. 2,312,349; Mar. 2.
- Malone, Homer E., assignor to Perfex Corporation, Milwaukee, Wis. Switching mechanism. 2,313,083; Mar. 9.
- Malone, Homer E., assignor to Perfex Corporation, Milwaukee, Wis. Control device. 2,315,533; Apr. 6.
- Malone, Homer E., assignor to Perfex Corporation, Milwaukee, Wis. Heat motor actuated device. 2,322,762; June 29.
- Malone, Homer E., and A. F. Geisel, assignors to Perfex Corporation, Milwaukee, Wis. Control mechanism. 2,330,832; Oct. 5.
- Maloney, Joseph F., University City, Mo. Breaking device. 2,328,661; Sept. 7.

- Maloney, Martin E., Flushing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,319,434; Mar. 18.
- Maloney, William G., and N. E. Boyer, assignors to A. P. Green Fire Brick Company, Mexico, Mo. Sizing and finishing machine. 2,333,872; Nov. 9.
- Malouf, Abraham M., Los Angeles, Calif. Dispensing means. 2,307,597; Jan. 5.
- Malsbary, Job F., and W. W. Taylor, Oakland, Calif. Diaphragm pump. 2,326,474; Aug. 10.
- Malson, Parker E., East Alton, Ill., assignor to Shell Development Company, San Francisco, Calif. Process for recovery of tar oils. 2,334,341; Nov. 16.
- Maltby, Charles F. (See Sluiter, R. E., and Maltby.)
- Maltby, Maurice E., Bell and L. L. Price, Los Angeles, Calif., assignor to Towl-Craft Co. Dispensing device. 2,322,531; June 22.
- Malby, Sidney T., assignor to Stone Straw Corporation, Washington, D. C. Making angularly bent drinking tubes. 2,316,700; Apr. 13.
- Malthaner, William A. (See Holden, W. H. T., Hubbard, Lewis, Malthaner, and Sprague.)
- Malzahn, Charles F., Perry, Okla. Contour cutting attachment for turning lathes. 2,326,240; Aug. 10.
- Manaster, Fred B., assignor of one-half to C. I. Greener, Chicago, Ill. Collar stay. 2,325,866; Aug. 3.
- Manchen, Friedrich, and W. Schmidt, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of esters of halogen alcohols. 2,314,454; Mar. 23.
- Mancini, Carl W., Stratford, Conn. Weather strip. 2,321,924; June 15.
- Mancini, Carlo V., Stratford, Conn. Weather strip. 2,321,925; June 15.
- Mancuso, Philip, Brooklyn, assignor, by mesne assignments, to Thermo-Plastic Bottle Sealing Corporation, New York, N. Y. Container closure forming blank and producing the same. 2,332,101; Oct. 19.
- Mandoulou, Nick, assignor of one-half to Leo S. Scharoff, New York, N. Y. Finger sponge device. 2,313,563; Mar. 9.
- Mandalou, Nick, New York, N. Y. Finger sponge device. 2,316,878; Apr. 20.
- Mandan Creamery & Produce Company. (See Conner, J. K., Bird, Flakker, and Johnson, assignors.)
- Mandel, Fritz V., assignor of one-half to F. I. Schaefer, Cincinnati, Ohio. Making dental plates. 2,320,826; June 1.
- Mandell, Irving F. (See Koch, L. B., and Mandell.)
- Mandeville, Adrien E., Pawtucket, and L. J. Lalime, Providence, R. I., assignors to Brown and Sharpe Manufacturing Company. Grinding machine. 2,336,796; Dec. 14.
- Mandl, Siegmund, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Jack assemblage. 2,314,589; Mar. 23.
- Mango, Philip, Chicago, assignor of one-third to M. Ames, one-third to L. Ames, and one-third to T. Ames, Crystal Lake, Ill. Unit heat generator. 2,308,765; Jan. 19.
- Manhart, Frank J., Centalla, Va. Amusement and educational device. 2,310,800; Feb. 9.
- Manhattan Shirt Company, The. (See Leeds, Jules C., assignor.)
- Manierre, George, Milwaukee, Wis. Chain conveyor. 2,319,617; May 18.
- Maniscalco, Pietro, Chicago, Ill. Compressor. 2,323,068; June 29.
- Maniscalco, Pietro, Chicago, Ill. Refrigerator. 2,331,560; Oct. 12.
- Manjoine, Michael J. (See Nadai, A., and Manjoine.)
- Mankoff, Henry J., Wichita, Kans. Feed grinding rotor. 2,314,723; Mar. 23.
- Mankoff, Henry J., Wichita, Kans. Rotor for feed grinding machines. 2,322,460; June 22.
- Manley, Gilbert E. (See Pratt, J. H., Manley, and Gilling.)
- Manly Corporation. (See Kendrick, Charles M., assignor.)
- Manly Corporation. (See Kendrick, C. M., and Kazine, assignors.)
- Manly, Fred G., Chicago, Ill. Turntable and mounting therefor. 2,313,084; Mar. 9.
- Manly, Fred G., Chicago, Ill. Fluid control valve. 2,313,554; Mar. 9.
- Manly, Lorraine L., Fort Sam Houston, Tex. Dispensing device. 2,312,180; Feb. 23.
- Mann, Alan N. (See de Jahn, Fredrik W., assignor.)
- Mann, Cecil A., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Apparatus for sintering powdered metals. 2,330,438; Sept. 28.
- Mann, Henry S., Chicago, Ill., and E. Martin, Erie, Pa., assignors to The Standard Stoker Company, Incorporated. Fuel distributor for stokers. 2,320,443; June 1.
- Mann, Howard G., Bremerton, Wash. Lunch kit or similar device. 2,336,363; Dec. 7.
- Mann, Lloyd T. (See Rogers, M. F., and Mann.)
- Mann, Phillip, Dover, N. J. Automatic machine for drilling, reaming, etc. 2,312,922; Mar. 2.
- Mann, Robert S., Elyria, Ohio. Core drill. 2,329,405; Sept. 14.
- Mann, Walter G., Weybridge, England. Scaffold clamp. 2,319,618; May 18.
- Manney, Charles J., Kenmore, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Control for electric hoists. 2,332,390; Oct. 19.
- Manny, Charles J., Kenmore, assignor to Columbus McKinnon Chain Corp., Tonawanda, N. Y. Hook block. 2,332,389; Oct. 19.
- Manney, David H., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Breather plug for electric motors. 2,323,146; June 29.
- Mannigel, Albert L., 2322 South Wales, Australia. Toy firearm. 2,324,860; July 20.
- Manning, Bowman & Co. (See Schoell, Eugene F., assignor.)
- Manning, Bowman & Co. (See Young, Allan M., assignor.)
- Manning, Dave M., Hysham, Mont. Grade finishing machine. 2,314,888; Mar. 30.
- Manning, Dennis J., Mountinside, N. J. Plugging gas mains. 2,320,371; June 1.
- Manning, Fred W., Palo Alto, Calif. Method and apparatus for spinning unwoven fabrics. 2,336,743; Dec. 14.
- Manning, Fred W., Palo Alto, Calif. Method and apparatus for making tampons. 2,336,744; Dec. 14.
- Manning, Fred W., Palo Alto, Calif. Method and apparatus for making unwoven and composite fabrics. 2,336,745; Dec. 14.
- Manning, Maxwell & Moore, Incorporated. (See Brandstrom, Fred, assignor.)
- Manning, Maxwell & Moore, Incorporated. (See Hopkins, Frank H., assignor.)
- Manning, Maxwell & Moore, Incorporated. (See Oxland, Frederick G., assignor.)
- Manning, Maxwell & Moore, Incorporated. (See Whitcomb, P., and Moore, assignors.)
- Manning, Maxwell & Moore, Incorporated. (See Yowell, Joseph W., assignor.)
- Manning, Paul D. (See Peebles, D. D., and Manning.)
- Manning, William H., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Brake. 2,320,878; June 1.
- Manor, Willard O., assignor to Consolidated Paper Company, Monroe, Mich. Container wall. 2,333,023; Oct. 26.
- Manrodt, Kurt. (See Schmutzer, C., and Manrodt.)
- Mansbendel, Fritz P., assignor to The Fred Goat Co., Inc., Brooklyn, N. Y. Weight testing machine. 2,307,686; Jan. 5.
- Mansel, Paul. (See Galster, B., Mansel, Voigt, and Wisteneay.)
- Mansell, Irving V., Jersey City, N. J. Combined illuminating unit and sign. 2,335,951; Dec. 7.
- Mansell, Stanley W., and W. P. Holloway, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Reduction gearing for aircraft propellers. 2,319,146; May 11.
- Man-Sew Corporation. (See Sigoda, Victor J., assignor.)
- Mansfield, Albert P. (See Shoults, D. R., and Mansfield.)
- Mansfield, Albert P., Lynnfield, Mass., C. W. La Pierre, and W. H. Janssen, Schenectady, and M. S. Mead, Jr., Hempstead, N. Y., assignors to General Electric Company. Measuring lengths and correcting skew and bow in woven material. 2,311,406; Feb. 16.
- Mansfield, Judson H., assignor to Greenlee Bros. & Co., Rockford, Ill. Screw machine. 2,327,279; Aug. 17.
- Mansfield, Judson H., assignor to Greenlee Bros. & Co., Rockford, Ill. Stock reel for automatic screw machines. 2,328,733; Sept. 7.
- Mansfield, Judson H., assignor to Greenlee Bros. Co., Rockford, Ill. Double-end tenoner. 2,333,542; Nov. 2.
- Mansfield, Judson H., assignor to Greenlee Bros. & Co., Rockford, Ill. Mortising machine. 2,334,829; Nov. 23.
- Mansfield, Judson H., assignor to Greenlee Bros. & Co., Rockford, Ill. Mortising machine. 2,334,830; Nov. 23.
- Mansfield, William E., Garfield Heights, Ohio, assignor to Cleveland Tungsten, Inc. Treating fabricated tungsten wires or rods. 2,308,700; Jan. 19.
- Manson, Frank G., and J. J. Maskey, Dayton, Ohio. Respiratory apparatus. 2,309,130; Jan. 26.
- Manson, Frank G., and J. J. Maskey, Dayton, Ohio. Non-freezing mouthpiece. 2,314,889; Mar. 30.
- Manson, Frank G., and J. J. Maskey, Dayton, Ohio. Aerial delivery apparatus. 2,327,359; Aug. 24.
- Manson, Frank G., and J. J. Maskey, Dayton, Ohio. Flying boot. 2,329,209; Sept. 14.
- Manson, Frank G., and J. J. Maskey, Dayton, Ohio. Variable form parachute pack. 2,327,358; Aug. 24.
- Manson, Ray H., and A. E. Schell, assignors to Stromberg-Carlson Telephone Manufacturing Co., Rochester, N. Y. Phonograph. 2,320,877; June 1.
- Mansor, Rose, New York, N. Y. Garment. 2,310,855; Feb. 9.
- Mantell, Charles L., Manhasset, assignor to United Merchants & Manufacturers, Inc., New York, N. Y. Flock printing. 2,311,850; Feb. 23.
- Mantell, Russell M., assignor to Aerovox Corporation, New Bedford, Mass. Dielectric liquid. 2,330,230; Sept. 28.
- Manteros, Paul, Westerly, R. I. Rotary cutter. 2,334,342; Nov. 16.
- Manthey, Carleton. (See Abramson, A. A., and Manthey.)

- Mantle, Burr W., Pittsford, N. Y., assignor to American Brake Shoe Company. Magnetically controlled valve. 2,335,350; Nov. 30.
- Mantle, Gregory D., assignor to General Properties Company, Inc. Heat exchanger. 2,332,450; Oct. 19.
- Mantle Lamp Company, The. (See Schwarz, Eugene, assignor.)
- Mantle Lamp Company of America, The. (See Davis, C. W., and Engh, assignors.)
- Mantle Lamp Company of America, The. (See Meredith, G. E., and Davis, assignors.)
- Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermoelectric safety shut-off device. 2,321,095; June 8.
- Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Safety switch and pilot valve. 2,333,261; Nov. 2.
- Manuel, Robert W. (See Anderson, S., and Manuel.)
- Manuel, Robert W. (See Schrode, R. H., and Manuel.)
- Manuel, Robert W., assignor to Crane Co., Chicago, Ill. Electrolytic polishing of metal. 2,330,170; Sept. 21.
- Manufacturers Equipment Company, The. (See Harris, James C., assignor.)
- Manville Jenckes Corporation. (See Costa, J. L., and Kahler, assignors.)
- Manville Jenckes Corporation. (See Grover, Elliot B., assignor.)
- Mapes Consolidated Manufacturing Company. (See De Reamer, William J., assignor.)
- Mapes, Daniel, Rutherford, assignor to Specialties Development Corporation, Bloomfield, N. J. Multiple reservoir fluid medium distribution system. 2,307,734; Jan. 12.
- Mappin, Vermont V. (See Moschel, H., Jones, Mappin, and McCellan.)
- Mapson, Donald L., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Pump. 2,332,157; Oct. 19.
- Marais, René, Paris, France; vested in the Allen Property Custodian. Windscreen wiper having a wide sweeping action. 2,313,203; Mar. 9.
- Marais, René, Paris, France; vested in the Allen Property Custodian. Pump for injection engines. 2,320,958; Aug. 17.
- Marancik, Joseph V., Roselle, and L. M. Cooper, Rahway, N. J., assignors to Standard Oil Development Company. Catalytically treating fluids. 2,330,068; Sept. 21.
- Mararoff, Vadim S., New York, N. Y. Airplane. 2,308,764; Jan. 19.
- Marasco, Martin, New Brunswick, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of ammonium thiosulfates. 2,315,534; Apr. 6.
- Marathon Battery Company. (See McEachron, E. J., Thom, Schroeder, and Johnson, assignors.)
- Marathon Paper Mills Company, et al. (See Bird, P. G., Evans, Harmon, and Salvosen, assignors.)
- Marathon Paper Mills Company. (See Broeren, Frank L., assignor.)
- Marathon Paper Mills Company. (See Broeren, F. L., and Fischer, assignors.)
- Marathon Paper Mills Company. (See Broeren, F. L., and Hoffmaster, assignors.)
- Marathon Paper Mills Company. (See Chase, James W., assignor.)
- Marathon Paper Mills Company. (See Eggebrecht, Oscar, assignor.)
- Marathon Paper Mills Company. (See Eggebrecht, O., Koehler, and Gruper, assignors.)
- Marathon Paper Mills Company. (See Kennedy, Leo M., assignor.)
- Marathon Paper Mills Company. (See Sullivan, Owen J., assignor.)
- Marathon Paper Mills Company. (See Sullivan, O. J., and Frieders, assignors.)
- Marble, Frank G., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Amplifier. 2,324,408; July 13.
- Marble, Jarvis C., et al., trustee. (See Ljungström, Fredrik, assignor.)
- Marble, Jarvis C., trustee, et al. (See Lysholm, A., and Goestad, assignors.)
- Marble, Malcolm C., assignor to The Belmar Manufacturing Company, Canton, Pa. Garment hanger. 2,316,523; Apr. 13.
- Marbon Corporation. (See Calvert, William C., assignor.)
- Marburg, Adolf W., assignor to Crane Co., Chicago, Ill. Pressure sealed joint. 2,330,130; Sept. 21.
- Marburg, Francis, Odessa, Fla. Two-cycle, supercharged, compound Diesel engine. 2,309,968; Feb. 2.
- Marburg, Francis, St. Petersburg, Fla. Supercharged, compression-ignition, internal combustion engine. 2,310,643; Feb. 9.
- Marbury, Ralph E., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective system for series capacitors. 2,307,598; Jan. 5.
- Marbury, Ralph E., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Water-cooled capacitor. 2,326,151; Aug. 10.
- Marbury, Ralph E., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Water-cooled capacitor. 2,326,152; Aug. 10.
- Marbury, Ralph E., Wilkensburg, and William E. Berkey, Forest Hills, Wilkensburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective device for series capacitors. 2,323,720; July 6.
- Marcellus, James W., Morewood, Ontario, Canada. Cover remover. 2,335,777; Nov. 30.
- Marchant Calculating Machine Company. (See Avery, Harold T., assignor.)
- Marchant Calculating Machine Company. (See Boyd, Lawrence E., assignor.)
- Marchant Calculating Machine Company. (See Boyden, R. B., and Avery, assignors.)
- Marchant Calculating Machine Company. (See Ellerbeck, Grant C., assignor.)
- Marchant Calculating Machine Company. (See Jessup, E. B., and Avery, assignors.)
- Marchant Calculating Machine Company. (See Mathi, Walter E., assignor.)
- Marchant Calculating Machine Company. (See Reynolds, Eugene E., assignor.)
- Marchant, Guy O., et al. (See Walker, Jay P., assignor.)
- Marchese, John, Los Angeles, and S. J. Selden, Tacoma, Wash., assignors to Process Holdings Company. Apparatus and making composition material. 2,320,702; June 1.
- Marchok, John M. (See Buckland, E. M., Juttner, and Marchok.)
- March, Mildred, San Diego, Calif. Combination hair and hat fastener. 2,317,207; Apr. 20.
- Marco Company. (See Marco, John, assignor.)
- Marco, Frederick J., C. G. Anderson, and F. A. Brandstrom, assignors to Comar Electric Co., Chicago, Ill. Relay. 2,321,834; June 15.
- Marco, John, assignor to Marco Company, Philadelphia, Pa. Rotary pump. 2,321,609; June 15.
- Marcoette, Louis J., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Removal of nitrogen oxide from gases. 2,325,066; July 27.
- Marcus, Meyer M., Cleveland Heights, Ohio. Game device. 2,325,693; Aug. 3.
- Marcus, Samuel, South Orange, assignor to Voices, Inc., Bayonne, N. J. Selective voice for toys. 2,314,153; Mar. 16.
- Marcus, Samuel S., et al. (See Jonassen, Jonas, assignor.)
- Marcuse, Moses M., Great Neck, N. Y., assignor to Bedford Pulp & Paper Company, Inc., Richmond, Va. Associating the edges of two paper board web section. 2,309,469; Jan. 26.
- Marcy, Gerald P., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 2,331,408; Oct. 12.
- Marcy, Grosvenor D., Newton Highlands, assignor to Boston Woven Hose & Rubber Company, Cambridge, Mass. Vulcanizing apparatus. 2,310,942; Feb. 9.
- Marcy, Richard C., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening and shoes containing the fastening. 2,332,653; Oct. 26.
- Marden, John W., and M. G. Nicholson, Jr., East Orange, N. J., assignor, by mesne assignments, to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ultra violet lamp. 2,311,487; Feb. 16.
- Marden, John W., East Orange, and G. Meister, Newark, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Method and apparatus for coating envelopes for electric lamps. 2,336,946; Dec. 14.
- Marels, Alfons, Dessau, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Photographic emulsion. 2,316,268; Apr. 13.
- Maresca, Giuseppe, and G. Pannone, Waterbury, Conn. Combination of book matches and toothpicks. 2,315,438; Mar. 30.
- Marette, Harvey, University Heights, Ohio. Forming metal shot. 2,310,590; Feb. 9.
- Margolin, Meyer, Elgin, Ill. Resilient breathing insole. 2,307,416; Jan. 5.
- Margolin, Meyer, Elgin, Ill. Resilient insert-insole combination. 2,308,529; Jan. 19.
- Margolin, Meyer, Elgin, Ill. Resilient insole. 2,319,818; May 25.
- Margolin, Meyer, Elgin, Ill. Heel pad. 2,326,790; Aug. 17.
- Margolin, Meyer, Elgin, Ill. Insole and outer sole combination. 2,327,360; Aug. 24.
- Margolin, Meyer, Elgin, Ill. Resilient ventilated insole and middle sole. 2,327,361; Aug. 24.
- Margolin, Meyer, Elgin, Ill. Resilient middle sole or insole. 2,334,719; Nov. 23.
- Margolin, Nathan G., Brooklyn, N. Y., and W. P. Wells, Nutley, N. J. Life raft. 2,320,288; May 25.
- Margon Corporation. (See Kriegsfeld, Louis, assignor.)
- Margrave, Milton. (See Parker, A. L., Margrave, and Wolfram.)

- Margulies, Paul H. (See Kauffmann, H. O., Margulies, and Ryan.)
- Margulis, Morris J., Philadelphia, Pa., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Automatic vending machine. 2,321,402; June 8.
- Marhoefer, Laurence J. (See Vidal, E. L., and Marhoefer.)
- Marholz, Richard C., and A. W. Plensler, Chicago, Ill., assignors to Belmont Radio Corporation. Radio control apparatus. 2,330,833; Oct. 5.
- Mariani, George V., San Antonio, Tex. Beverage dispensing device. 2,313,954; Mar. 16.
- Mariani, Paul, New York, N. Y. Heel. 2,309,776; Feb. 2.
- Mariano, Florence, Chicago, Ill. Costume jewelry. 2,322,461; June 22.
- Marien, Charles A., and M. W., assignors to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Coating for piston rings. 2,311,240; Feb. 16.
- Marien, Charles A., and M. W. Marien, assignors to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Piston skirt expander. 2,319,006; May 11.
- Marien, Charles A., and M. W., assignors to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Piston skirt expander. 2,326,375; Aug. 10.
- Marien, Melvin W. (See Marien, Charles A. and M. W.)
- Marietta Manufacturing Company. (See Newlon, George R., assignor.)
- Marin, Louis H. (See Marinsky, Davis, assignor.)
- Marine-Air Research Corporation (See Weir, Francis M., assignor.)
- Marine Magnesium Products Corporation. (See Gloss, Gunter H., assignor.)
- Marine Magnesium Products Corporation. (See Hansgirt, Fritz J., assignor.)
- Marine, Richard E., Pittsburgh, Pa. Automobile body construction. 2,326,789; Aug. 17.
- Mariner, Norman, Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for reinforcing insoles. 2,335,289; Nov. 30.
- Marini, Herman R., New Kensington, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Laminated glass. 2,322,582; June 22.
- Marino, John. (See Marino, Nick and J.)
- Marino, Nick and J., Washington, D. C. Seal for bottles. 2,317,626; Apr. 27.
- Marinsky, Davis. (See Morin, Louis H., assignor.)
- Marinsky, Davis, assignor, by mesne assignments, of one-half to said D. Marinsky and one-half to L. H. Morin, Bronx, N. Y. Tape construction for separable fasteners. 2,319,874; May 25.
- Marinsky, Davis, assignor, of one-half to L. H. Morin, Bronx, N. Y. Automatic lock slider. 2,324,788; July 20.
- Marinsky, Davis, and L. H. Morin, Bronx, N. Y. Hermetic separable fastener. 2,321,926; July 15.
- Marinsky, Isaac, Providence, R. I. Slide fastener. 2,311,556; Feb. 16.
- Marinsky, Isaac, Providence, R. I. Integral separable fastener. 2,325,332; July 27.
- Marion, Harry J., A. Perlinstein, and F. J. O'Donnell, Newark, N. J. Paper clip. 2,323,552; July 6.
- Marlotte, Eugene S., North Syracuse, assignor to W. C. Lipe, Inc., Syracuse, N. Y. Breech loading bar stock mechanism for automatic metalworking machines. 2,327,918; Aug. 24.
- Marlotte, Eugene S., assignor to Lipe-Rollway Corporation, Syracuse, N. Y. Feed plunger construction for bar stock feed mechanism. 2,334,272; Nov. 16.
- Maris, Harry B., Riverdale, Md. High-speed strain gauge. 2,335,869; Dec. 7.
- Maris, Harry B., and J. A. Sanderson, Washington, D. C. Reinforcing fitting for deck openings. 2,333,112; Nov. 2.
- Mark, Arthur. (See Claudot, A., and Marks.)
- Mark, Charles A. (See Goldstein, J., and Marks.)
- Mark, Jacob G. (See Lanigan, F. W., and Mark.)
- Markem Machine Company. (See Meyers, Otto B., assignor.)
- Markem Machine Company. (See Robbins, C. F., and Putnam, assignors.)
- Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Hydroxy steroids and obtaining same. 2,337,563; Dec. 28.
- Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Steroidal oxidation product and obtaining same. 2,337,564; Dec. 28.
- Markey, George T. (See Willett, W. M., Markey, and Olson.)
- Markey, George T., assignor to James Manufacturing Company, Fort Atkinson, Wis. Incubating and hatching tray and cage. 2,310,534; Feb. 9.
- Markey, Roscoe I., East Orange, assignor to Pollak Manufacturing Company, Arlington, N. J. Joint for exhaust pipes. 2,319,939; May 25.
- Markey, Roscoe I., East Orange, assignor to Pollak Manufacturing Company, Arlington, N. J. Joint for exhaust manifold systems. 2,323,823; July 6.
- Markey, Roscoe I., East Orange, assignor to Pollak Manufacturing Company, Arlington, N. J. Cable connector. 2,331,409; Oct. 12.
- Markey, Roscoe I., East Orange, assignor to Pollak Manufacturing Company, Arlington, N. J. Practice rack for bombs. 2,329,222; Nov. 2.
- Markgraf, Frederic H., Jr., and J. M. Fay, assignors of one-third to R. Muller, San Francisco, Calif. Welder's hood. 2,326,376; Aug. 10.
- Markham, Andrew I., et al. (See Courtney, John F., assignor.)
- Markham, Edwin A., Gulfport, Fla. Property marker. 2,315,158; Mar. 30.
- Markins, Overt D., Harrisonville, Ohio. Poultry restraining device. 2,319,938; May 25.
- Markle, George B., Jr., assignor to Freeland Spool and Bobbin Corp., Hazelton, Pa. Self-locking arbor for supporting tubes forming headless spools or the like. 2,317,208; Apr. 20.
- Markle, George B., Jr., Hazelton, Pa. Bobbin or the like. 2,330,131; Sept. 21.
- Markowitz, Jerome, Allentown, Pa. Space discharge type harmonic generator. 2,329,069; Sept. 7.
- Marks, Bernard M., Newark, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process and apparatus for polymerization. 2,325,067; July 27.
- Marks, Bernard M., Upper Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Distillation of organic liquids polymerizable by heat. 2,338,493; Dec. 14.
- Marks, Bernard M. (See Hopkins, J. H., and Marks.)
- Marks, Bernard M., Upper Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of molding compounds. 2,309,522; Jan. 26.
- Marks, Harry. (See Beene, H. C., Marks, and Mitchell.)
- Marks, Harry, Mitchell, D. L., Marks, and Beene.)
- Marks, L. V., & Sons Company. (See Brown, Mark L., assignor.)
- Marks Products Co. (See Grehsal, Alexis C., assignor.)
- Markwardt, Lorraine J., Madison, Wis., assignor to Secretary of Agriculture of the United States of America. Hardness testing tool. 2,323,925; July 13.
- Markwick, Frederick, Falls, Pa. Antiskid device. 2,308,093; Jan. 12.
- Marlo Company, The. (See Grossenbacher, Ernest, assignor.)
- Marley Company, The. (See Mart, Leon T., assignor.)
- Marlo Co. (See Menzl, Leon, assignor.)
- Marlow, Alfred S. (See Stratton, Albert C., assignor.)
- Marlow, Douglas G., Altadena, assignor to National Technical Laboratories, South Pasadena, Calif. Apparatus for winding cores. 2,334,880; Nov. 23.
- Marlow, Henry F., Los Angeles, Calif. Game. 2,321,835; June 15.
- Marlowe, Harold J., assignor to Reduc-O-Matic, Inc., New York, N. Y. Therapeutic art. 2,311,899; Feb. 23.
- Marmet, Fred C., Canoga Park, Calif. Device for restricting movement of an animal's neck and head. 2,313,833; Mar. 16.
- Marmon-Herrington Company. (See Herrington, Arthur W., assignor.)
- Marmon-Herrington Company. (See Schon, Pierre, assignor.)
- Marong, Michael P., Warsaw, N. Y. Windshield defroster attachment. 2,327,917; Aug. 24.
- Marple, Elmore B., Wichita, Kans. Float for an aircraft. 2,317,285; Apr. 20.
- Marple, Elmore B., Wichita, Kans. Grease trap. 2,337,205; Dec. 21.
- Marple, Kenneth E. (See Evans, T. W., Marple, and Shokal.)
- Marple, Kenneth E. (See van de Griendt, G. H., Marple and Peters.)
- Marple, Kenneth E., Oakland, assignor to Shell Development Company, San Francisco, Calif. Preparing esters of cyclic ketals. 2,312,298; Feb. 23.
- Marple, Kenneth E., Oakland, and F. A. Bent, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Plastic composition. 2,331,514; Oct. 12.
- Marple, Kenneth E., and T. W. Evans, Oakland, assignors to Shell Development Company, San Francisco, Calif. Hydration of halogenated epoxides. 2,321,037; June 8.
- Marple, Kenneth E., E. C. Shokal, and T. W. Evans, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of hydroxy ethers. 2,327,037; Aug. 17.
- Marple, Rollo, assignor to Hancock Manufacturing Company, Jackson, Mich. Latch. 2,324,409; July 13.
- Marquardt, Ronald E., Monroeville, H. R. Anspach and C. A. Creteau, Fort Wayne, Ind. Check valve. 2,322,462; June 22.
- Marquart, Frank, and W. H. Stivason, Cleveland, Ohio, assignors to The American Steel & Wire Company of New Jersey. Apparatus for coiling strip metal. 2,319,619; May 18.
- Marquess, Earle, Covington, Ky., assignor to Underwood Elliott Fisher Company, New York, N. Y. Computing machine. 2,308,292; Jan. 12.
- Marquis, Joseph A., and A. G. Stephenson, Seattle, Wash. Cheese cutting machine. 2,310,248; Feb. 9.
- Marr, Walter D., Flint, Mich. Frame for fishing reels. 2,308,702; Jan. 19.
- Marr, Walter D., Flint, Mich. Handle mechanism for reels. 2,316,266; Apr. 13.
- Marr, Walter D., Flint, Mich. Power driven sled. 2,331,561; Oct. 12.
- Marriott, Geoffrey J., and K. H. Saunders, Manchester, England, assignors to Imperial Chemical Industries Limited. Arylamides of hydroxy naphtholic acids. 2,328,734; Sept. 7.

- Marriott, Robert H., Brooklyn, N. Y., assignor to Elnet Telecommunications, Inc., New York, N. Y. Facsimile reception medium. 2,317,780; Apr. 27.
- Marrison, Warren A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gravitational force measuring apparatus. 2,319,940; May 25.
- Marsac, Leonard C., Cranford, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,324,861; July 20.
- Marsan, Edward P., Chicago, Ill. Colony protector. 2,314,724; Mar. 23.
- Marschke, Reinhold B., St. Paul, Minn. Folding stairway. 2,314,004; Mar. 16.
- Marschke, Reinhold B., St. Paul, Minn. Folding stair. 2,321,409; June 8.
- Marschner, Robert F. (See Layng, E. T., and Marschner.)
- Marschner, Robert F., assignor to Standard Oil Company, Chicago, Ill. Hydrogen purification process. 2,328,828; Sept. 7.
- Marschner, Robert F., assignor to Standard Oil Company, Chicago, Ill. Hydrocarbon conversion. 2,332,024; Oct. 26.
- Marschner, Robert F., assignor to Standard Oil Company, Chicago, Ill. Refining of refractory hydrocarbons. 2,335,506; Nov. 30.
- Marschner, Robert F., Homewood, Ill., and D. R. Carmody, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Alkylation of hydrocarbons. 2,308,561; Jan. 10.
- Marschner, Robert F., Homewood, Ill., and D. R. Carmody, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Alkylation of hydrocarbons. 2,308,562; Jan. 19.
- Marschner, Robert F., Chicago, Ill., L. Heard, Hammond, Ind., and A. G. Oblad, assignors to Standard Oil Company, Chicago, Ill. Dehydroaromatization and hydroforming. 2,322,803; June 29.
- Marsden, Charles F., Jr., Bloomfield, N. J. Coating glass. 2,320,632; Sept. 14.
- Marsden, William R., Brooklyn, N. Y. Apparatus for forming cast-in-place concrete piles. 2,326,872; Aug. 17.
- Marsh, Corbin, Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Flotation of molybdenite. 2,316,743; Apr. 13.
- Marsh, Hallan N., Huntington Park, assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Continuous mud weight indicator. 2,311,312; Feb. 16.
- Marsh, John E., and W. H. Roscoe, assignors to Tootal Broadhurst Lee Company Limited, Manchester, England. Improving the wear resistance of textile materials. 2,337,398; Dec. 21.
- Marsh, John W., United States Army, Washington, D. C. Speed sensitive governor. 2,334,720; Nov. 23.
- Marsh, Leon F. (See Bird, E. S., Marsh, and Smith.)
- Marsh, Leona. (See Brennan, J. B., and Marsh.)
- Marsb, Malcolm C., assignor to Cambridge Instrument Company, Limited, Cambridge, England. Instrument suspension system. 2,335,072; Nov. 23.
- Marsh, Milton L., New Britain, assignor to The Eagle Lock Company, Terryville, Conn. Luggage latch. 2,311,298; Feb. 16.
- Marsh, Myrie O., Fort Wayne, Ind., assignor to General Electric Company, Transformer. 2,311,450; Feb. 16.
- Marsh, Orlo W., assignor to The General Industries Company, Elyria, Ohio. Apparatus for molding plastic material. 2,330,369; Sept. 28.
- Marsh, Richard C., Detroit, Mich. Dynamic balancing machine. 2,325,144; July 27.
- Marsh Stencil Machine Company. (See Hempel, H. W., and Marsh, assignors.)
- Marsh, Walton C. (See Hempel, H. W., and Marsh.)
- Marshall, Albert M. (See Page, Arthur A., assignor.)
- Marshall, Allen F., Dallas, Tex. Wall and partition assembly. 2,311,951; Feb. 23.
- Marshall, Allen F., Dallas, Tex. Wall and partition construction. 2,325,694; Aug. 3.
- Marshall, Arnold C., Thornton Heath, England. Clamp or coupling for connecting scaffold poles or other solid or hollow elongated bodies. 2,322,583; June 22.
- Marshall, Charles O., assignor to Toledo Scale Company, Toledo, Ohio. Hydraulic force transmission device. 2,313,655; Mar. 9.
- Marshall, Clinton E., Bronx, N. Y. Fountain pen. 2,324,008; July 13.
- Marshall, Donald E. (See Knochel, W. J., and Marshall.)
- Marshall, Donald E., Allwood, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Marine ignitron. 2,308,378; Jan. 12.
- Marshall, Donald E., Allwood, and W. J. Knochel, Irvington, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge device. 2,312,350; Mar. 2.
- Marshall, Donald E., Allwood, and W. J. Knochel, Irvington, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge device with water cooled baffle. 2,318,289; Mar. 30.
- Marshall, Edward T., Baton Rouge, La., assignor, by mesne assignments, to Standard Catalytic Company. Making finished motor fuel. 2,330,069; Sept. 21.
- Marshall, Harry B. (See Goodings, A. C., and Marshall.)
- Marshall, John, assignor to Bendix Aviation Corporation, South Bend, Ind. Pressure regulator. 2,316,445; Apr. 13.
- Marshall, Leonard J., Tenafly, N. J., assignor to Combustion Engineering Company, Inc., New York, N. Y. Ash delivering handle. 2,313,251; Mar. 9.
- Marshall, Rittman, assignor to The Ohio Boxboard Company, Rittman, Ohio. Folding carton. 2,316,701; Apr. 13.
- Marshall, Richard C., Jr., Kansas City, assignor to Crook Paper Box Company, North Kansas City, Mo. Chick shipping box. 2,331,867; Oct. 12.
- Marshall, Tola A., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph trouble indicator circuit. 2,332,451; Oct. 19.
- Marshall, William, assignor to Briggs Manufacturing Company, Detroit, Mich. Door lock. 2,327,441; Aug. 24.
- Marshall, William E., assignor to The American Rolling Mill Company, Middletown, Ohio. Coating metal articles with molten metal and preparing metal articles for hot coating. 2,310,451; Feb. 9.
- Marshall, William L. (See Ebird, C. C., and Marshall.)
- Marshauss, Anthony J., East Cleveland, Ohio, assignor to General Electric Company. Apparatus for feeding mercury. 2,313,657; Mar. 9.
- Marsheck, William, Baltimore, Md. Graver holder. 2,318,004; Mar. 9.
- Marsico, Sisto E., Aspinwall, Pa. Fungicide and making the same. 2,327,812; Aug. 24.
- Marsilius, Newman M., Bridgeport, Conn. Manual tapping device. 2,336,947; Dec. 14.
- Mart, Leon T., Mission Township, Johnson County, assignor to The Marley Company, Inc., Kansas City, Kan. Spray gun assembly for cooling towers. 2,330,901; Oct. 5.
- Martell, Arnold T., Vancouver, British Columbia, Canada. Attachment for hair clippers. 2,317,928; Apr. 27.
- Martellotti, Mario E. (See Ernst, H., and Martellotti.)
- Martney, Clarence T., Canton, Ohio. Automatic marine hitch. 2,320,948; June 1.
- Marti, Fritz, La Chaux de Fonds, Switzerland. Regulating device for watches. 2,307,841; Jan. 12.
- Marti, Fritz, La Chaux de Fonds, Switzerland. Watchcase. 2,308,189; Jan. 12.
- Martin, Alfred M., Park Ridge, Ill. Visible record. 2,318,239; May 4.
- Martin, Alfred M., Park Ridge, Ill. Visible records device. 2,326,241; Aug. 10.
- Martin, Barney G. (See Lesley, J. P., and Martin.)
- Martin Brothers Electric Company, The. (See Martin, Wendell L., assignor.)
- Martin, Carl L., Rome, Ga. Sanitary waste pail lining. 2,318,952; May 11.
- Martin, Charles H., Springfield, Mass. Coin controlled time operated signaling mechanism. 2,318,615; May 11.
- Martin, Charles H., Huntington Park, assignor to H. B. and S. Rapp, co-partners doing business under the fictitious firm name and style Tower Manufacturing Co., Santa Ana, Calif. Coupling mechanism. 2,312,258; Feb. 23.
- Martin, Charles L., assignor to Carter Carburetor Corporation, St. Louis, Mo. Fluid motor. 2,314,005; Mar. 16.
- Martin, Clair H., Park Ridge, assignor to Morton Salt Company, Chicago, Ill. Salt tablet containing a calcium salt and making the same. 2,333,873; Nov. 9.
- Martin, Clair L., Indianapolis, Ind., assignor to The American Paper Bottle Company, Toledo, Ohio. Control mechanism for liquid coating apparatus. 2,333,543; Nov. 9.
- Martin, Claude W., Gold Hill, Oreg. Tire tool. 2,317,072; Apr. 20.
- Martin-Decker Corporation. (See Martin, Walter R., assignor.)
- Martin-Decker Corporation. (See Santhoff, Walter F., assignor.)
- Martin Dennis Company, The. (See Bersworth, Frederick C., assignor.)
- Martin, Edward G., Portland, Oreg. Tobacco pipe. 2,325,412; July 27.
- Martin, Edward J., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Magnetic indicator. 2,311,952; Feb. 23.
- Martin, Edward J., East Chicago, Ind., assignor to Sinclair Refining Company, New York, N. Y. Art of refining. 2,328,158; Aug. 31.
- Martin, Edward J., Pleasant Ridge, and R. H. Dietz, Birmingham, assignors to General Motors Corporation, Detroit, Mich. Barometric device. 2,316,009; Apr. 6.
- Martin, Elmore L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making amino acids. 2,327,119; Aug. 17.
- Martin, Elmore L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of disecandary diamines. 2,334,782; Nov. 23.
- Martin, Eric L., Santa Monica, assignor to North American Aviation, Inc., Inglewood, Calif. Retractable landing gear. 2,332,453; Oct. 19.

- Martin, Erle. (See Caldwell, F. W., Martin, and Anderson.)
- Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller blade fairing. 2,309,466; Jan. 26.
- Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Auxiliary governor control. 2,319,552; May 18.
- Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Engine control means. 2,322,303; June 22.
- Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Hydraulic control for governors. 2,332,925; Oct. 26.
- Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Position indicator. 2,337,613; Dec. 28.
- Martin, Erle, West Hartford, and F. W. Caldwell, Hartford, assignors to United Aircraft Corporation, East Hartford, Conn. Motor synchronizer. 2,330,070; Sept. 21.
- Martin, Erle, West Hartford, and J. E. Anderson, Portland, assignors to United Aircraft Corporation, East Hartford, Conn. Propeller pitch changing mechanism. 2,332,452; Oct. 19.
- Martin, Erle, West Hartford, and T. E. Doherty, South Glastonbury, assignors to United Aircraft Corporation, East Hartford, Conn. Pressure actuated switch. 2,335,073; Nov. 23.
- Martin, Eugene. (See Mann, H. S., and Martin.)
- Martin, Eugene, Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Booster valve. 2,320,444; Oct. 19.
- Martin, Eugene, Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Valve mechanism. 2,320,445; June 1.
- Martin, Eugene, Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Stoker and support therefor. 2,327,313; Aug. 17.
- Martin, Eugene, Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Valve mechanism. 2,328,880; Sept. 7.
- Martin, Eugene, Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Pressure fluid manifold. 2,332,244; Oct. 19.
- Martin, Frederick W., Greenwich, Conn., assignor to Franklin Railway Supply Company, Inc., New York, N. Y. Adjusting mechanism for locomotive driving boxes. 2,318,507; May 4.
- Martin, George A. (See Nash, L. W., and Martin.)
- Martin, George D., Olympia, Wash. Match package. 2,310,535; Feb. 9.
- Martin, Glenn L., Company, The. (See Ebel, W. K., Houston, Scudder, and O'Neal, assignors.)
- Martin, Glenn L., Company, The. (See Edgemond, John W., assignor.)
- Martin, Glenn L., Company, The. (See Gray, Reid B., assignor.)
- Martin, Glenn L., Company, The. (See La Porte, Roland M., assignor.)
- Martin, Glenn L., Company, The. (See McCallister, Howard H., assignor.)
- Martin, Glenn L., Company, The. (See Merriman, Paul H., assignor.)
- Martin, Glenn L., Company, The. (See Miller, Leslie T., assignor.)
- Martin, Glenn L., Company, The. (See O'Neal, W. B., and Zimmerman, assignors.)
- Martin, Glenn L., Company, The. (See Overbeke, John W., assignor.)
- Martin, Glenn L., Company, The. (See Overbeke, J. W., and Kupiec, assignors.)
- Martin, Glenn L., Company, The. (See Peppersack, Francis J., assignor.)
- Martin, Glenn L., Company, The. (See Roberts, Clifford E., assignor.)
- Martin, Glenn L., Company, The. (See Simms, Eldon E., assignor.)
- Martin, Glenn L., Company, The. (See Snowberger, Paul L., assignor.)
- Martin, Glenn L., Company. (See van Zelm, Willem D., assignor.)
- Martin, Glenn L., Company, The. (See Veit, Herman E., assignor.)
- Martin, Glenn L., Company, The. (See Verdecchia, Anthony J., assignor.)
- Martin, Harold M., Schenectady, N. Y., assignor to General Electric Company. Direct current system of electric distribution. 2,335,682; Nov. 30.
- Martin, Harold W. (See Goodwin, C. W., and Martin.)
- Martin, Harold W., Malverne, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Cap applying apparatus. 2,325,166; July 27.
- Martin, Henry, Basel, and H. H. Zaeslin, Riehen near Basel, assignors to the firm J. R. Geigy A. G., Basel, Switzerland. Manufacture of aminodiphenylether sulphonic acids. 2,309,969; Feb. 2.
- Martin, Henry, Basel, H. H. Zaeslin, Riehen, near Basel, R. Hirt, C. Glatthaar, and A. Staub, assignors to J. R. Geigy A. G., Basel, Switzerland. Halogen substituted acylamino sulphonic acids. 2,311,062; Feb. 16.
- Martin, Henry, Basel, H. Zaeslin, Riehen near Basel, C. Glatthaar, and A. Staub, assignors to the firm J. R. Geigy A. G., Basel, Switzerland. Mothproofing composition. 2,312,923; Mar. 2.
- Martin, Henry, Basel, W. Baumann, Ariesheim, near Basel, and H. Gysin, assignors to J. R. Geigy A. G., Basel, Switzerland. Furandicarboxylic-acid-amides and their manufacture. 2,317,286; Apr. 20.
- Martin, Henry, and W. Stambach, assignors to the firm J. R. Geigy S. A., Basel, Switzerland. Amino acid amide derivatives and their manufacture. 2,325,331; July 27.
- Martin, Henry, Basel, H. H. Zaeslin, Riehen, near Basel, R. Hirt, and A. Staub, assignors to J. R. Geigy A. G., Basel, Switzerland. Preparation of halogen substituted aminoarylsulphonic acid derivatives. 2,328,159; Aug. 31.
- Martin, Henry, and R. Hirt, assignors to the firm of J. R. Geigy A. G., Basel, Switzerland. p-aminobenzene-sulphonyl-amidine derivatives and their manufacture. 2,337,909; Dec. 28.
- Martin, Homer Z. (See Gohr, E. J., Thompson, and Martin.)
- Martin, Hubert L., Cincinnati, Ohio. Shore jack. 2,311,063; Feb. 16.
- Martin-Hurst, William F. F. (See Sherlock, J. E., and Martin-Hurst.)
- Martin-Hurst, William F. F., Sunbury-on-Thames, England. Relief valve for steam or other pressure vessels. 2,335,778; Nov. 30.
- Martin, Ivan Z., assignor of one-half to N. N. Burkholder, Ephrata, Pa. Baling press. 2,318,407; May 4.
- Martin, J. B., Company. (See Lucia, L. V., and Horn-dahl.)
- Martin, J. E., Equipment Corporation. (See Martin, John E., assignor.)
- Martin, James, Higher Denham, near Uxbridge, England. Mountings and like purposes. 2,328,987; Sept. 7.
- Martin, James, Higher Denham, near Uxbridge, England. Quick release control rod. 2,328,988; Sept. 7.
- Martin, James, Higher Denham, near Uxbridge, England. Cable cutting device for use on aircraft. 2,335,952; Dec. 7.
- Martin, James H. (See Hoban, Fairfield W., assignor.)
- Martin, James H. (See Neidig, Daniel, assignor.)
- Martin, James L. (See Wessenger, H. B., and Martin.)
- Martin, James L., Lowell, and H. B. Wessenger, Medford, Mass. Pouring box. 2,333,113; Nov. 2.
- Martin, James V., Rochelle Park, N. J. Easy riding tire. 2,331,212; Oct. 5.
- Martin, James W., assignor to Lone Star Gas Company, Dallas, Tex. Liquefied gas vaporizer. 2,319,819; May 25.
- Martin, John A., St. Johns, and L. E. Butters, Albion, assignors to Carrier-Stephens Company, Lansing, Mich. Carboy crate. 2,330,982; Oct. 5.
- Martin, John E., assignor to J. E. Martin Equipment Corporation, Niagara Falls, N. Y. Apparatus for cleaning materials. 2,328,565; Sept. 7.
- Martin, John F., Springfield, W. E. Schwarzmann, Longmeadow, and E. M. Bach, Agawam, assignors to American Bosch Corporation, Springfield, Mass. Fastening means. 2,320,947; June 1.
- Martin, John T., Elizabeth, N. J. Anchoring suspension bridge cable strands. 2,311,241; Feb. 16.
- Martin, John W., Brooklyn, N. Y. Holder for mops and other articles. 2,328,287; Aug. 31.
- Martin, Joseph, laurelton, assignor to United States Cabinet Bed Co., Brooklyn, N. Y. Couch bed. 2,335,870; Dec. 7.
- Martin, Karl, et al., Executors. (See Brooks, Lew W.)
- Martin, Kingsley L., Montclair, N. J., and Edward A. Holden, Jamaica, N. Y. Atomizer. 2,313,298; Mar. 9.
- Martin, Lester B., Columbus, Ohio. Calendar. 2,317,788; Apr. 27.
- Martin, Merrell R., Gilbertsville, Ky. Roller lifter. 2,314,264; Mar. 16.
- Martin, Mervin E. (See Dreyfus, C., and Martin.)
- Martin Motors, Inc. (See Szelek, Otto E., assignor.)
- Martin, Nicholas S., and H. Leon, Brooklyn, N. Y. Combined rotisserie, oven, and broiler. 2,330,132; Sept. 21.
- Martin, Otis C., Los Angeles, Calif. Swivel fitting. 2,307,328; Jan. 5.
- Martin, Otis C., Los Angeles, Calif. Matrix element for making light transmitting screens. 2,315,721; Apr. 6.
- Martin, Otis C., Los Angeles, Calif. Valve. 2,317,627; Apr. 27.
- Martin, Otis C., Los Angeles, Calif. Valve. 2,317,628; Apr. 27.
- Martin, Otis C., Los Angeles, Calif. Valve construction. 2,331,562; Oct. 12.
- Martin, Otis E., and J. W. Pick, Middletown, and E. Reed, Zanesville, assignors to The American Rolling Mill Company, Middletown, Ohio. Sheet sorting table. 2,315,003; Mar. 30.
- Martin, Paul M. (See Williams, H. W., Martin, and Baum.)
- Martin, Paul M., Chicago, Ill., and A. O. Lund, East Orange, assignors to Westinghouse Electric Elevator Company, Jersey City, N. J. Elevator control system. 2,313,955; Mar. 16.
- Martin, Perry S., Harrisonburg, Va. Thermostatic draft regulator and system. 2,311,408; Feb. 16.
- Martin, Perry S., assignor to Shenadoah Equipment Corporation, Harrisonburg, Va. Poultry feeder support. 2,308,701; Jan. 19.
- Martin, Philip, Los Angeles, Calif. Power cleaver. 2,312,043; Feb. 23.

- Martin, Ralph C., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Apparatus for stretching the most reliable elastoplastic film. 2,328,827; Sept. 7.
- Martin, Randolph K., Cambridge, Mass., assignor to Polaroid Corporation, Dover, Del. Display device. 2,313,831; Mar. 16.
- Martin, Robert S., Glendale, Calif. Device for sharpening lawn mowers. 2,307,526; Jan. 5.
- Martin, Robert B., Barquitham, British Columbia, Canada. Closure. 2,329,128; Sept. 7.
- Martin, Robert W., Savannah, Ga., assignor to Hercules Powder Company, Wilmington, Del. Resin manufacture. 2,307,935; Jan. 12.
- Martin, Robert W., Savannah, Ga., assignor to Hercules Powder Company, Wilmington, Del. Resin manufacture. 2,307,936; Jan. 12.
- Martin, Robert W., assignor to Hercules Powder Company, Wilmington, Del. Resin refining. 2,324,223; July 13.
- Martin, Russell, assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Floor furnace. 2,324,862; July 20.
- Martin, Russell, assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Oil burning heating unit. 2,332,736; Oct. 26.
- Martin, Sidney W., Chicago, Ill. Balance testing device. 2,316,521; Apr. 13.
- Martin, Stanley A., et al. (See Nash, William M., assignor.)
- Martin, Steve L., Menard, Tex. Float valve. 2,326,544; Aug. 10.
- Martin, Stoddard B., Lakewood, Ohio. Pusher. 2,323,067; June 29.
- Martin, Theodore J. (See Hunt, G. M., McNaughton, and Martin.)
- Martin, Thomas B., Dayton, Ohio, assignor to Bendix Aviation Corporation, South Bend, Ind. Engine-starter gearing. 2,313,656; Mar. 9.
- Martin, Thomas B., Dayton, Ohio, assignor to Bendix Aviation Corporation, South Bend, Ind. Starter gearing for internal combustion engines. 2,332,864; Oct. 26.
- Martin, Trevelle O., Jackson, Tenn., assignor of sixty-five per cent to R. S. Miller, Jackson, Mich. Rail holding attachment for fishhooks. 2,319,216; May 18.
- Martin, Wade B., Westwood, N. J., assignor to American Telephone and Telegraph Company. Teletypewriter system. 2,307,842; Jan. 12.
- Martin, Walter, Orange, N. J. Preparation of color printing plates. 2,321,760; June 15.
- Martin, Walter R., assignor to Martin-Decker Corporation, Long Beach, Calif. High pressure diaphragm unit for fluid pressure gauges. 2,317,073; Apr. 20.
- Martin, Warren S., Massapequa, N. Y. Rabbling means for multiple hearth furnaces. 2,332,387; Oct. 19.
- Martin, Wendell L., Shaker Heights, assignor to The Martin Brothers Electric Company, Cleveland, Ohio. Dry shaver. 2,331,274; Oct. 6.
- Martin, Wesley G., assignor to A. O. Smith Corporation, Milwaukee, Wis. Welded joint for hot water tanks. 2,332,454; Oct. 19.
- Martin, William H., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gaseous electric discharge device. 2,328,989; Sept. 7.
- Martin, William O., Incorporated. (See Martin, William O., assignor.)
- Martin, William O., assignor to William O. Martin, Incorporated, Fort Smith, Ark. Stoker conveyor. 2,323,553; July 6.
- Martin, William O., assignor to William O. Martin, Incorporated, Fort Smith, Ark. Stoker. 2,334,017; Nov. 9.
- Martin, William T., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Forming packages. 2,325,145; July 27.
- Martindale Electric Company, The. (See Martindale, G. E., and Scharping, assignors.)
- Martindale, George E., Lakewood, and O. W. Scharping, Cleveland, assignors to The Martindale Electric Company, Lakewood, Ohio. Respirator. 2,318,790; May 11.
- Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material feeding apparatus. 2,318,508; May 4.
- Martindill, Donald M., Manistee, Mich. Amplifying leverage for vehicle brakes. 2,315,832; Apr. 6.
- Martineau, Joseph L., St. Paul, Minn. Antiseptic thermometer holder. 2,323,615; July 6.
- Martinet, Eugene F., assignor to The P. A. Geler Company, Cleveland, Ohio. Suction cleaning apparatus. 2,318,088; May 4.
- Martinet, Eugene F. (See Johnson, R. C., and Marting.)
- Martino, William, Detroit, Mich. Airplane propeller. 2,322,763; June 29.
- Martinotti, Pietro, Paris, France; vested in the Alien Property Custodian. Rotating assembly. 2,319,335; May 18.
- Martinovsky, Emil, Gerald, Saskatchewan, Canada. Propeller blade pitch control mechanism. 2,307,630; Jan. 5.
- Martins, Arthur S., Glendale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,327,201; Aug. 17.
- Martins, Borge, Frederiksberg, Denmark; vested in the Alien Property Custodian. Spring shackle device. 2,323,065; June 29.
- Martinson, Edwin O., Moline, Ill., assignor to American Machine and Metals Inc., New York, N. Y. Ventilator. 2,322,302; June 22.
- Martinson, Ernest H. (See Davey, Edwin B.)
- Martinius, Hans L., Chicago, Ill., assignor to G. Mortenson, Chicago, Ill. Convertible structure for buildings or the like. 2,308,766; Jan. 19.
- Marty, Matthew J., Chicago, Ill. Fastening device. 2,337,483; Dec. 21.
- Maruhn, Herbert, Stuttgart-Bad, Cannstatt, Germany; vested in the Alien Property Custodian. Internal combustion engine. 2,310,269; Apr. 13.
- Maruoka, Francis T. (See Giles, A. O., Sheffield, Jr., Maruoka, and Butler.)
- Maruri, Jesús P., Pina, Camaguey, Cuba. Handle and latch operating device. 2,322,040; June 15.
- Marvel, Carl S. (See Zellhoefer, G. F., Marvel, and Copley.)
- Marvel, Carl S., Urbana, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Removal of formaldehyde from mixtures containing the same. 2,307,937; Jan. 12.
- Marvel Equipment Corporation. (See Roethel, John H., assignor.)
- Marvel, Harvey E. (See Griffith, C. P., and Marvel.)
- Martin, John T., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Fluid sealing device. 2,328,160; Aug. 31.
- Marvin, John T., and A. R. Shaw, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Composite metal article. 2,332,737; Oct. 26.
- Marx, Frank A., Bridgetown, assignor to The Richardson Taylor-Globe Corporation, Cincinnati, Ohio. Carton. 2,320,230; May 25.
- Marx, Frederick C., Cincinnati, assignor to The Heekin Can Company, Norwood, Ohio. Food canning. 2,317,470; Apr. 27.
- Marx, Guillelme S., Hoboken, N. J. Apparatus for the manufacture of shoes. 2,318,509; May 4.
- Marx, Herman, New York, N. Y. Combination wearing apparel and protector therefor. 2,314,760; Mar. 23.
- Marx, Louis, & Company. (See Daily, William J., assignor.)
- Marx, Louis, & Company. (See Gardner, Frank P., assignor.)
- Marx, Louis, & Company. (See Godfrey, Donald V., assignor.)
- Marx, Louis, & Company. (See Lohr, Raymond J., assignor.)
- Marx, Louis, & Company. (See Rexford, Willis E., assignor.)
- Marx, Louis, & Company. (See Smith, A. N., and Bonnett, assignors.)
- Maryland Glass Corporation. (See Senkbell, Raymond A., assignor.)
- Maryland Glass Corporation. (See Senkbell, B. A., and Knickman, assignors.)
- Marzall, John A. (See Neal, Ernest C., assignor.)
- Marzall, John A., trustee. (See Neal, Ernest C., assignor.)
- Marzillier, Paul, Milwaukee, Wis. Living equipment or furniture. 2,333,483; Nov. 2.
- Marzo, Fernando C. (See Rivard, Alfred G., assignor.)
- Marzo, Fernando C., assignor to one-third to A. G. Rivard, Los Angeles, Calif. Dispensing cask for preserving liquids. 2,321,836; June 15.
- Mas, George N., assignor of one-half to C. B. Lewis, Washington, D. C. Hospital or invalid bed. 2,318,240; May 4.
- Maschinenfabrik Oerlikon. (See Karrer, W., and Perrenoud, assignors.)
- Maschinenfabrik Schröder. (See Siegelthaler, Walter, assignor.)
- Maschmeyer, August H., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Code interpreting mechanism. 2,323,824; July 6.
- Maschmeyer, August H., Port Jefferson Station, assignor to Remington Rand Inc., Buffalo, N. Y. Tabulating machine. 2,323,825; July 6.
- Maschwitz, Percy A., and C. M. Ridgway, Highland Park, assignors to The Pure Oil Company, Chicago, Ill. Converting hydrocarbon gases to liquid hydrocarbons. 2,328,829; Sept. 7.
- Masemore, F. N. (See Mitchell, Wiley B., assignor.)
- Maseng, Olav. (See Jackson, J. G., and Maseng.)
- Mashbir, Sidney F., Washington, D. C., and M. A. Weckerly, assignors to Toledo Scale Company, Toledo, Ohio. Testing and weighing device. Re. 2,225; Jan. 19.
- Mason, George A., Los Angeles, Calif., assignor to Garlinghouse Brothers. Expandable chute. 2,310,251; Feb. 9.
- Maskey, James J. (See Manson, F. G., and Maskey.)
- Maskey, James J., Dayton, Ohio. Aerodynamic release drag for tow targets. 2,310,249; Feb. 9.
- Maslin, Albert J., Sharon, and G. F. Jones, Irwin, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical induction apparatus. 2,307,527; Jan. 5.
- Masloun, Ramon, Buenos Aires, Argentina. Tuning device for radio receivers. 2,310,303; Feb. 9.
- Mason Box Company, The. (See Clavette, John B.)

- Mason, Charles R., Charlton, and P. E. Benner, Schenectady, N. Y., assignor to General Electric Company. Protective arrangement. 2,335,683; Nov. 30.
- Mason, Clessen E., Foxboro, Mass., and R. A. Rockwell, Cranford, N. J., assignors to The Foxboro Company, Foxboro, Mass. Flow control of fuel. 2,334,679; Nov. 16.
- Mason, Ernest J., Marion, Ind. Auxiliary handle. 2,319,147; May 11.
- Mason, Francis J., Manchester, assignor to The Yorkshire Dyeing and Dyeing Company, Limited, Middletown, England. Shrinking textile fabrics. 2,310,661; Feb. 9.
- Mason, Fred, Covington, Ky., assignor to Nutone Chimes Inc., New York, N. Y. Switch mechanism. 2,330,439; Sept. 28.
- Mason, Herbert B., Columbus, Ohio. Paper holding and dispensing receptacle. 2,319,071; May 11.
- Mason, James H., assignor to Chesterman Leeland Company, Philadelphia, Pa. Differential truss pad. 2,323,826; July 6.
- Mason, James H., assignor to Chesterman Leeland Company, Philadelphia, Pa. Adjustable truss pad. 2,323,827; July 6.
- Mason, Joseph, Providence, R. I., assignor, by mesne assignments, to United Alkali Products, Inc., Dayton, Ohio. Tube testing apparatus. 2,337,259; Dec. 21.
- Mason-Neilan Regulator Co. (See Dahl, Edward T., assignor.)
- Mason-Neilan Regulator Co. (See D'Arney, Alfred C., assignor.)
- Mason-Neilan Regulator Co. (See Hubley, Earl A., assignor.)
- Mason, Ralph B., Baton Rouge, La., assignor to Standard Oil Development Company. Alkylation process. 2,324,099; July 13.
- Mason, Richard D., Wilmette, Ill. Vacuum cleaning apparatus. 2,323,554; July 6.
- Mason, Walden W., Kansas City, Mo. Safety device for pressure vessels and the like. 2,309,856; Feb. 2.
- Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic wave filter. 2,308,886; Jan. 19.
- Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Rochelle salt piezoelectric crystal apparatus. 2,309,467; Jan. 26.
- Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric transducer. 2,328,478; Aug. 31.
- Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Negative transconductance tube oscillator. 2,332,102; Oct. 19.
- Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Attenuation equalizer. 2,337,399; Dec. 21.
- Mason, William C., Slingerlands, N. Y. Garment take-up device. 2,308,336; Jan. 12.
- Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Momentarily consolidated board product. 2,323,339; July 6.
- Mason, William H., R. M. Boehm and G. G. Simpson, assignors to Masonite Corporation, Laurel, Miss. Process for making hardboard. 2,317,394; Apr. 27.
- Mason, William S., Norfolk, Va. Piston ring. 2,311,557; Feb. 16.
- Mason, William S., Norfolk, Va. Piston ring. 2,311,558; Feb. 16.
- Mason, William S., Norfolk, Va. Piston ring. 2,311,559; Feb. 16.
- Mason, William S., Millington, Tenn. Piston ring. 2,334,273; Nov. 16.
- Masonite Corporation. (See Chilson, Warren A., assignor.)
- Masonite Corporation. (See Krueger, O. J., and Caresio, assignors.)
- Masonite Corporation. (See Mason, William H., assignor.)
- Masonite Corporation. (See Mason, W. H., Boehm and Simpson, assignors.)
- Massa, Laurence, Los Angeles, Calif. Tooth for excavating apparatus. 2,319,464; May 18.
- Massano, Aurelio, Teaneck, N. J. Conveyor for semi-liquid materials. 2,318,176; May 4.
- Masse, Thomas J., Alexandria, near Sydney, New South Wales, Australia. Method and apparatus for separating textile material from rubber. 2,317,210; Apr. 20.
- Massey Concrete Products Company. (See McDaniel, William L., assignor.)
- Massey, Edward M., Ardmore, Pa., assignor to M. Holden, New York, N. Y. Magical apparatus. 2,307,528; Jan. 5.
- Massey-Harris Company Ltd. (See Ego, George R., assignor.)
- Massey-Harris Company, The. (See Everett, Charles E., assignor.)
- Massey-Harris Company Ltd. (See Johnston, Howard M., assignor.)
- Massey-Harris Company, The. (See Michael, Clement W., assignor.)
- Massey-Harris Company Ltd. (See Shenstone, Osborne H., assignor.)
- Massoline, Peter D., Jersey City, N. J. Regenerated cellulose tubing, and making the same. 2,315,804; Apr. 6.
- Mast, Aquila D., and L. A. Furlow, Lancaster, Pa. Automatic transplanter. 2,333,945; Nov. 9.
- Mast, Gifford M., Davenport, Iowa. Picture film display machine. 2,318,874; May 11.
- Mast, Gifford M., Davenport, Iowa, assignor to Tru-Vue, Inc., Rock Island, Ill. Stereoscope. 2,326,718; Aug. 10.
- Masteller, Malcolm L., Miami, Fla. Hydraulic brake. 2,310,976; Feb. 16.
- Master Electric Company, The. (See Dicke, Carl H., assignor.)
- Master Electric Company, The. (See Niekamp, Richard A., assignor.)
- Master Metal Products, Inc. (See Tate, Edward J., assignor.)
- Masterson, Avy V., et al. (See Riesen, Schiller R., assignor.)
- Masterson, John F., Evanston, assignor to Twinkle Toes, Inc., Chicago, Ill. Hose protector and the like. 2,314,359; Mar. 23.
- Mastrol, Asphalt Corporation. (See Drinkall, Mark, assignor.)
- Mastic Asphalt Corporation. (See Snyder, Gilbert J., assignor.)
- Mastic Asphalt Corporation. (See White, Gerard B., assignor.)
- Mastney, Edward J., Berwyn, Ill., assignor to Oak Manufacturing Company. Mechanical preselector. 2,307,285; Jan. 5.
- Mastney, Edward J., Berwyn, assignor to Oak Mfg. Co., Chicago, Ill. Preselector. 2,316,270; Apr. 13.
- Maston, Raymond T., Jr., Larchmont, N. Y., assignor to National Folding Box Company, New Haven, Conn. Paperboard carton. 2,334,114; Nov. 9.
- Mastropole, Alfred J. (See Carlisle, R. W., and Mastropole.)
- Mastropole, Alfred J., New York, assignor to Sonotone Corporation, Elmsford, N. Y. Microphone amplifier. 2,322,765; June 29.
- Masucci, Peter, Norwood, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Antigenic composition. 2,332,521; Oct. 26.
- Masuen, John H., Remsen, Iowa. Combination shade and curtain hanger. 2,309,633; Sept. 15.
- Mathaus, Lillian W., Atlanta, Ga. Collapsible crib. 2,313,834; Mar. 16.
- Matheny, Willard R., assignor to N. F. Harnly, Chicago, Ill. Gasket construction and mounting same. 2,327,541; Aug. 24.
- Mather, Irwin E., assignor to Stewart-Warner Corporation, Chicago, Ill. Pressure gauge. 2,332,103; Oct. 19.
- Matheson, Percy, assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion reactions. 2,319,620; May 18.
- Mathes, Kenneth N., Schenectady, N. Y., assignor to General Electric Company. Aluminum stearate solution and preparing the same. 2,308,988; Jan. 19.
- Mathes, Richard E. (See Moore, J. B., and Mathes.)
- Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Tape perforating system. 2,333,024; Oct. 26.
- Mathes, Robert C., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching contact. 2,319,937; May 25.
- Mathes, Roger A. (See Jones, P. C., and Mathes.)
- Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,323,923; July 13.
- Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,327,052; Aug. 17.
- Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Aldehyde-amino-thiazoline reaction product. 2,331,995; Oct. 19.
- Mathes, Roger A., Akron, and P. C. Jones, Silver Lake, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Vulcanization accelerator. 2,325,259; July 27.
- Mathes, Wilhelm N., Ludwigshafen-on-the-Rhine, Germany, assignor to Durez Plastics and Chemicals, Inc., Toronto, Canada. N. Y. Production of phenol and its homologues from chlorobenzene and its homologues. 2,329,070; Sept. 7.
- Matheson, Lorne A., assignor to The Dow Chemical Company, Midland, Mich. Electric arc apparatus. 2,314,006; Mar. 16.
- Matheson, Lorne A., and R. F. Boyer, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride composition stable to light. 2,313,757; Mar. 16.
- Matheson, Lorne A., F. C. Hach, and M. P. De Haas, assignors to The Dow Chemical Company, Midland, Mich. Electric arc apparatus. 2,314,007; Mar. 16.
- Matheson, William K., Brooklyn, assignor to H & H Thermotests, Inc., New York, N. Y. Valve. 2,333,805; Nov. 9.
- Mathews Conveyor Company. (See Kumler, Clifford P., assignor.)
- Mathews Conveyor Company. (See Meister, Julius A., assignor.)
- Mathews, W. N., Corporation. (See Brown, K. R., Cooley, and Wefeler, assignors.)

- Mathewson, Maxwell L., Providence, R. I., assignor to Brown and Sharpe Manufacturing Company. Machine tool. 2,308,531; Jan. 19.
- Mathewson, Wilfred B. (See Knight, Nelson M., assignor.)
- Mathewson, Wilfred F., Weymouth, assignor to Murray & Truarch, Inc., Quincy, Mass. Outboard propeller mechanism for barges, scows, etc. 2,335,707; Nov. 30.
- Mathey, Alcide E. (See Scully, F. P., and Matthey.)
- Mathey, Alcide E., Boston, assignor to Scully Signal Company, Cambridge, Mass. Liquid level indicating means. 2,320,931; Nov. 9.
- Mathey, Alcide E., Boston, assignor to Scully Signal Co., East Cambridge, Mass. Liquid level indicating means. 2,330,983; Oct. 5.
- Mathey, Chester A., Tulsa, Okla. Line tension indicating and measuring apparatus. 2,328,658; Sept. 7.
- Mathi, Walter L., Oakland, Calif., assignor to Marchant Calculating machine. 2,318,241; May 4.
- Mathias, Arnold, New Rochelle, N. Y. Air conditioning apparatus. 2,307,938; Jan. 12.
- Mathias, Paul V., Maplewood, N. J., and M. E. Mundel, Peoria, Ill., assignors to Tung-Sol Lamp Works, Inc., Newark, N. J. Apparatus for and method of assembling radio tubes and radio tube bases. 2,337,055; Dec. 21.
- Mathias, Paul V., Plainville, Conn., and M. E. Mundel, Peoria, Ill., assignors to Tung-Sol Lamp Works, Inc., Newark, N. J. Apparatus for and method of assembling radio tubes and radio tube bases. 2,337,056; Dec. 21.
- Mathias, Samuel W., assignor to Landis Machine Company, Waynesboro, Pa. Hydraulically operated combined threading and turning machine. 2,318,177; May 4.
- Mathiasen, Meyer A. (See Heldt, Peter, assignor.)
- Mathieson Alkali Works, Inc. (See Cunningham, George C., assignor.)
- Mathieson Alkali Works, Inc., The. (See Gardiner, William C., assignor.)
- Mathieson Alkali Works, Inc., The. (See Gardiner, W. C. and Wood, assignors.)
- Mathieson Alkali Works, Inc., The. (See Hampel, Clifford A., assignor.)
- Mathieson Alkali Works, Inc., The. (See Hampel, C. A., assignor.)
- Mathieson Alkali Works, Inc., The. (See Hutchinson, W. S., and Mecham, assignors.)
- Mathieson Alkali Works, Inc., The. (See Kalusdian, Varton M., assignor.)
- Mathieson Alkali Works, Inc., The. (See MacMahon, James D., assignor.)
- Mathieson Alkali Works, Inc., The. (See MacMullin, Robert B., assignor.)
- Mathieson Alkali Works, Inc., The. (See Munson, Horace D., assignor.)
- Mathieson Alkali Works, Inc., The. (See Petroe, Gregory A., assignor.)
- Mathieson Alkali Works, Inc., The. (See Richardson, Chester N., assignor.)
- Mathieson Alkali Works, Inc., The. (See Soule, Edward C., assignor.)
- Mathieson Alkali Works, Inc. (See Taylor, Maurice C., assignor.)
- Mathieson, Roderick R., Detroit, Mich. Telephone fixture. 2,310,032; Feb. 2.
- Mathieu, Francois, Moissac, France; vested in the Allen Property Custodian. Electric oven for high temperature working under vacuum or under neutral gas. 2,328,479; Aug. 31.
- Mathieu, Frédéric, Paris, France; vested in the Allen Property Custodian. Driving mechanism. 2,313,001; Mar. 2.
- Mathieu, Frédéric, Paris, France; vested in the Allen Property Custodian. Safety device against fire for cinematographic projectors. 2,313,299; Mar. 9.
- Mathis, Clyde H., and C. Rampack, Bartlesville, Okla., assignors to Phillips Petroleum Company. Preparation of resins for plugging formations. 2,307,843; Jan. 12.
- Mathis, Clyde H., and C. Rampack, Bartlesville, Okla., assignors to Phillips Petroleum Company. Plugging formations. 2,321,761; June 15.
- Mathis, Harold J. (See Rearwin, E. W., and Mathis.)
- Mathys, Max A., assignor to Ex-Cell-O Corporation, Detroit, Mich. Machine tool. 2,310,977; Feb. 16.
- Matica, Albert. (See Farago, Joseph, assignor.)
- Matignon, Edmond C., Oakland, Calif. Flower holder. 2,307,286; Jan. 5.
- Matousek, Edward, Berwyn, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Impulsing apparatus for signaling systems. 2,322,650; June 22.
- Matukas, Michael, Chicago, Ill. Painting device. 2,325,867; Aug. 3.
- Matsumoto, Josuke, Los Angeles, Calif. Button and clasp. 2,331,489; Oct. 12.
- Matsunaga, Kaoru, Kalaheo, Kauai, Territory of Hawaii. Hoe handle attachment. 2,316,446; Apr. 13.
- Matte, Andrew L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Receiving circuit for signaling systems. 2,307,417; Jan. 5.
- Matter, Albert J., Park Ridge, Ill. Multiple valve. 2,335,525; Nov. 30.
- Mattes, Harold C., and L. J. Wronke, assignors to Belmont Radio Corporation, Chicago, Ill. Indicating means. 2,328,531; Aug. 31.
- Matteson, Elwin A., assignor to The Aetna Standard Engineering Company, Youngstown, Ohio. Apparatus for galvanizing. 2,310,162; Feb. 2.
- Matteson, Elwin A., and D. V. Strock, assignors to The Aetna Standard Engineering Company, Youngstown, Ohio. Gripping mechanism. 2,318,242; May 4.
- Matteson, George A., Jr. (See Maynard, J. P., and Matteson, Jr.)
- Matteson, Harold J., assignor to General Controls Co., Glendale, Calif. Refrigerant control valve. 2,309,405; Jan. 26.
- Matteson, Harold J., assignor to General Controls Co., Glendale, Calif. Refrigerant control valve. 2,327,542; Aug. 24.
- Matteson, Jesse O., and R. H. Guyton, Muskegon, Mich., assignors to The Brunswick-Balke-Collender Company, Chicago, Ill. Apparatus for surface drying of wood blocks. 2,336,110; Dec. 7.
- Matteucci, Raffaele, Turin, Italy; Allen Property Custodian. Light propeller with adjustable pitch during flight. 2,308,228; Jan. 12.
- Matthews, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley wire support. 2,325,788; Aug. 3.
- Matthews, Albert, Cincinnati, assignor to The American Laundry Machinery Company, Newark, Cincinnati, Ohio. Light control apparatus. 2,326,475; Aug. 10.
- Matthews, Alfred C., Fox Chase Manor, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Multiple tube socket structure. 2,312,181; Feb. 23.
- Matthews, Edward I., A. C. Cherksey, and A. Scheinfeld, assignors to Electric Heating Equipment Company, Philadelphia, Pa. Circuit control system. 2,311,118; Feb. 6.
- Matthews, Eugene F., St. Paul, and N. W. La Chair, Forest Lake, Minn. Window cleaning device. 2,323,556; July 6.
- Matthews, Eugene F., St. Paul, and N. W. La Chair, Forest Lake, Minn. Clutch and propeller. 2,336,877; Dec. 14.
- Matthews, George A., assignor to The Detroit Edison Company, Detroit, Mich. Circuit protective switch. 2,334,571; Nov. 16.
- Matthews, Harry G., Great Neck, L. W. Cole, and T. M. Cole, New York, N. Y. Window and protective material therefor. 2,331,410; Oct. 12.
- Matthews, Howard D., assignor to W. M. Chace Company, Detroit, Mich. Thermostatic element. 2,314,412; Mar. 23.
- Matthews, Howard D., assignor to Minneapolis Honeywell Regulator Company, Minneapolis, Minn. Thermostat. 2,336,408; Dec. 7.
- Matthews, Howard W. (See Berger, E. J., and Matthews.)
- Matthews, Irving C., and W. F. Lynch, assignors to Eastman Kodak Company, Rochester, N. Y. Composition of matter. 2,328,566; Sept. 7.
- Matthews, Irving C., and W. F. Lynch, assignors to Eastman Kodak Company, Rochester, N. Y. Composition of matter. 2,328,567; Sept. 7.
- Matthews, J. H., & Company. (See Nunnally, Benjamin L., assignor.)
- Matthews, Jas. H., & Company. (See Weber, Emil R., assignor.)
- Matthews, Joseph L., Highland Park, N. J., assignor to Mack Manufacturing Corporation, Long Island City, N. Y. Convex faced gear. 2,315,068; Mar. 30.
- Matthews, Norris W. (See Basler, D. E., Kelley, and Matthews.)
- Matthews, Norris W., Caldwell, Ohio. Electric meter. 2,313,758; Mar. 16.
- Matthews, Rufus J., Nashville, Tenn. Jet pump. 2,329,924; Sept. 21.
- Matthews, Russell R. (See Wadely, H. E., Matthews, and Rice.)
- Matthews, W. N., Corporation. (See Birkenmaier, Theodore, assignor.)
- Matthews, W. N., Corporation. (See Birkenmaier, T. and Mosley, assignors.)
- Matthews, W. N., Corporation. (See Mosley, Carl E., assignor.)
- Matthews & Yates Limited. (See Haber, Eugene J., assignor.)
- Matthews, Lynn H., Fox Point, assignor to Allen-Bradley Company, Milwaukee, Wis. Snap switch construction. 2,330,505; Sept. 28.
- Matthews, Lynn H., Fox Point, assignor to Allen-Bradley Company, Milwaukee, Wis. Electric control circuit. 2,330,506; Sept. 28.
- Mattill, Henry A., and C. Golumbic, Iowa City, Iowa, assignors to Lever Brothers Company, Cambridge, Mass. Antioxidant for fats and oils. 2,333,655; Nov. 9.
- Mattill, Henry A., and C. Golumbic, Iowa City, Iowa, assignors to Lever Brothers Company, Cambridge, Mass. Antioxidants for fats and oils. 2,333,656; Nov. 9.
- Mattill, Henry A., and C. Golumbic, Iowa City, Iowa, assignors to Lever Brothers Company, Cambridge, Mass. Antioxidants for fats and oils. 2,333,657; Nov. 9.
- Mattill, Henry A., and C. Golumbic, Iowa City, Iowa, assignors to Lever Brothers Company, Cambridge, Mass. Antioxidants for fats and oils. 2,333,658; Nov. 9.

- Mattimore, John D., Greensburg, Pa., assignor to Walworth Patents Inc., Boston, Mass. Valve. 2,336,694; Dec. 14.
- Mattin, Harry E., Brooklyn, assignor to The Mearl Corporation, New York, N. Y. Luminescent material. 2,318,089; May 4.
- Mattinson, Wallace B. (See Hayto, H. B., and Mattinson.)
- Mattison Machine Works. (See Knapp, William C., assignor.)
- Mattison Machine Works. (See Madsen, Sern, assignor.)
- Mattek, Charles F., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for and method of generating television signals. 2,315,290; Mar. 30.
- Mattek, Charles F., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for and method of generating television signals. 2,315,291; Mar. 30.
- Mattocks, Elmer O., Bartlesville, Okla., assignor to Phillips Petroleum Company. Method and apparatus for determining effective porosity. 2,323,556; July 6.
- Mattoon, Dec R., assignor to Corning Glass Works, Corning, N. Y. Handle assembly. 2,307,145; Jan. 5.
- Mattoon, Louis E., San Francisco, Calif. Collapsible package carrier. 2,313,884; Mar. 16.
- Mattox, William J. (See Grosse, A. V., and Mattox.)
- Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,316,271; Apr. 13.
- Mattox, William J., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,330,071; Sept. 21.
- Mattson, Emil, Chester Depot, assignor to Bryant Chucking Grinder Company, Springfield, Vt. Mechanism for truing holes. 2,318,879; Apr. 20.
- Matulatis, Victor E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,309,468; Jan. 26.
- Matus, John J., Jr., San Juan Bautista, Calif. Excavating mechanism. 2,322,151; June 15.
- Matuszak, Maryan P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of predominantly saturated hydrocarbon materials. 2,320,629; June 1.
- Maucher, Hans, assignor to Norma Multikolor, Inc., New York, N. Y. Lead clutch for pencils. 2,318,040; May 4.
- Mauder, Aylmer H., Niagara Falls, N. Y. Apparatus for synthesis of ammonium chloride. 2,308,293; Jan. 12.
- Mauder, Aylmer H., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Production of aqueous hydrogen chloride. 2,330,440; Sept. 28.
- Maurer, Leopold, Chicago, assignor to Jefferson Electric Company, Bellwood, Ill. System and apparatus for operating hot cathode gas discharge tubes. 2,332,455; Oct. 19.
- Maurer, Leopold, Chicago, assignor to Jefferson Electric Company, Bellwood, Ill. Coil structure. 2,333,806; Nov. 9.
- Mauersberger, Ernst A., Maarsse, Near Utrecht, Netherlands, assignor to Alframine Corporation, New York, N. Y. Water soluble condensation product and making the same. 2,329,406; Sept. 14.
- Maul Pineapple Company, Ltd. (See Giles, A. O., Sheffield, Jr., Maruoka, and Butler, assignors.)
- Maul, Michael, Berlin-Johannisthal, Germany; vested in the Allen Property Custodian. Sorting machine. 2,308,927; Jan. 19.
- Maul, Michael, Berlin-Johannisthal, Germany; vested in the Allen Property Custodian. Control element for statistical machines. 2,308,928; Jan. 19.
- Maul, Michael, Berlin-Johannisthal, Germany; vested in the Allen Property Custodian. Numeral type face. 2,310,856; Feb. 9.
- Maule, Belford D., and J. D. Maule, Michigan Center, Mich., assignors to The Aviation Corporation, Williamsport, Pa. Starter for internal combustion engines. 2,314,547; Mar. 23.
- Maule, June D. (See Maule, Belford D. and June D.)
- Maule, June D., Michigan Center, Mich., assignor to The Aviation Corporation, Williamsport, Pa. Airplane starter combination. 2,314,546; Mar. 23.
- Maulsby, Leon K., and J. A. McGrann, San Antonio, Tex.; said McGrann assignor to said Maulsby. Nut-cracking machine. 2,319,820; May 25.
- Maurer, Bernard L., Saginaw, assignor to General Motors Corporation, Detroit, Mich. Telescopic steering column. 2,331,998; Oct. 19.
- Maurer, Charles S., Toledo, Ohio. Scale integrating mechanism. 2,314,011; Mar. 16.
- Maurer, Gottfried, Zurich, assignor to A. Müller & Cie., Maschinenfabrik und Eisengiesserei, Aktiengesellschaft, Brugg, Switzerland. Mortising machine. 2,311,451; Feb. 16.
- Maurer, Gottfried, Zurich, assignor to A. Müller & Cie., Maschinenfabrik und Eisengiesserei, Aktiengesellschaft, Brugg, Switzerland. Charging device. 2,311,452; Feb. 16.
- Maurer, Gottfried, Zurich, assignor to A. Müller & Cie., Maschinenfabrik und Eisengiesserei, Aktiengesellschaft, Brugg, Switzerland. Clipping machine. 2,329,549; Sept. 14.
- Maurer, J. A., Inc. (See Maurer, John A., Jr., assignor.)
- Maurer, J. A., Inc. (See Maurer, John A., Jr., assignor.)
- Maurer, Jean, Geneva, Switzerland. Comparator. 2,336,695; Dec. 14.
- Maurer, John A., Jr., New York, N. Y., assignor, by mesne assignments, to J. A. Maurer, Inc. Reduction of stray light. 2,324,632; July 20.
- Maurer, John A., Jr., New York, N. Y., assignor, by mesne assignments, to J. A. Maurer, Inc. Optical system. 2,312,289; Feb. 23.
- Maurer, John A., Jr., New York, N. Y., assignor, by mesne assignments, to J. A. Maurer, Inc. Optical system. 2,331,036; Oct. 5.
- Maurer, Kenneth G., assignor to The Durham Manufacturing Company, Muncie, Ind. Folding chair. 2,316,484; Apr. 13.
- Maurer, Le Roy F., Kenmore, N. H., assignor to Automatic Turbine Drive Company, Inc. Transmission. 2,329,724; Sept. 21.
- Mauro, Oswald G. (See Dons, E. M., and Mauro.)
- Maury, Richmond, trustee. (See Swinford, Leo, assignor.)
- Maus, Frank J., Paterson, N. J., and P. G. Nuxoll, Queens Village, assignors to The Western Union Telegraph Company, New York, N. Y. Printing mechanism. 2,325,313; Aug. 19.
- Maussenet, John W., Long Island City, N. Y. Bottle closure. 2,322,294; Mar. 23.
- Maute, Carl F., Buffalo, N. Y. Toolholding device. 2,337,400; Dec. 21.
- Mautner, Etienne. (See Weill, M. K., and Mautner.)
- Mavty, Julian M. (See Grosse, A. V., and Mavty.)
- Mawley, Lawrence. (See Elliott, H. E., and Mawbey.)
- Mawicke, Clement A., Wilmette, and H. W. Olsen, Chicago, Ill.; said Olsen assignor to said Mawicke. Register rail for double printing. 2,328,480; Aug. 31.
- Maxant Button & Supply Co. (See McDonough, Lawrence E., assignor.)
- Maxim, Hiram H., assignor to The Maxim Silencer Company, Hartford, Conn. Silencer. 2,311,676; Feb. 23.
- Maxim, Hiram H., assignor to The Maxim Silencer Company, Hartford, Conn. Water cooled silencer. 2,328,161; Aug. 31.
- Maxim Silencer Company, The. (See Bourne, Roland B., assignor.)
- Maxim Silencer Company, The. (See Bourne, R. B., and Tyskewicz, assignor.)
- Maxim Silencer Company, The. (See Maxim, Hiram H., assignor.)
- Maximom, Harry I. (See Schoenberg, M. J., and Maximom.)
- Maxon, Glenway, J., assignor to The T. L. Smith Company, Milwaukee, Wis. Concrete mixer. 2,328,830; Sept. 7.
- Maxson, Louis A., Claremont, N. H., assignor to Sullivan Machinery Company. Material-loading apparatus. 2,332,521; Oct. 26.
- Maxwell, Bernard L., Reading, and C. T. Atwood, Belmont, assignors to Lever Brothers Company, Cambridge, Mass. Dedusting comminuted soap. 2,328,568; Sept. 7.
- Maxwell, Frank R., Chester, Pa. Airplane and control device therefor. 2,321,837; June 15.
- Maxwell, James B. (See Schonberg, J. R., and Maxwell.)
- Maxwell, John L., Redwood City, and E. R. Shimmie, Del Paso Heights, Calif., assignors to American Telephone and Telegraph Company. Teletypewriter system. 2,315,439; Mar. 30.
- Maxwell, Robert W. (See Burke, W. J., Maxwell, and Pinkney.)
- Maxwell, Robert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Felted product. 2,336,797; Dec. 14.
- May, Alajos, Szekesfehervar, Hungary; vested in the Allen Property Custodian. Apparatus for the picking up and reproduction of sounds. 2,323,066; June 29.
- May & Baker, Limited. (See Ewins, A. J., and Phillips, assignor.)
- May, Everett L. (See Price, D., May, and Pickel.)
- May, Frederick T., and May, C. C., and May, J. W. (See Lindstrom, T., and May.)
- May, John H., assignor to Cranston Print Works Company, Cranston, R. I. Printing machine pressure cylinder. 2,324,631; July 20.
- May, John W. (See Ludwig, L. R., and May.)
- May, John W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Time-delayed undervoltage tripping-mechanism for circuit breakers. 2,310,104; Feb. 2.
- May, John W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Breaker mechanism. 2,315,633; Apr. 6.
- May, John W., Durham, N. C., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,337,565; Dec. 28.
- May, Kenton L., and E. L. Williamson, Kenmore, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Method and apparatus for forming sheet material. 2,332,926; Oct. 26.
- May, Verna, Senath, Mo. Gathering apparatus. 2,330,727; Sept. 28.
- May, William J., Farnborough, England. Barrier for antitank and like purposes. 2,325,260; July 27.

- Maybach, Karl, Friedrichshafen, Germany; vested in the Alien Property Custodian. Internal combustion engine. 2,315,215; Mar. 30.
- Maybach, Karl, Friedrichshafen-on-the-Bodensee, Germany; vested in the Alien Property Custodian. Transmissions for motor vehicles. 2,337,910; Dec. 28.
- Mayberry, Milo G. (See McKinney, P. V., and Mayberry.)
- Mayer, Alvin L., Cincinnati, Ohio. Shutter control mechanism for photographic printers. 2,326,959; Aug. 17.
- Mayer, Alvin L., Cincinnati, Ohio. Toning photographic prints. 2,331,335; Oct. 12.
- Mayer, Alvin L., Cincinnati, Ohio. Photograph printer. 2,335,189; Nov. 23.
- Mayer, Alvin L., Cincinnati, Ohio, and H. R. Kossman, New York, N. Y.; said Kossman assignor to said Mayer. Light control mechanism. 2,318,616; May 11.
- Mayer, Carl, and E. Mayer, Hampstead, London, England. Detachable footwear pad. 2,313,252; Mar. 9.
- Mayer, Carl F., Lakewood, Ohio. Door for top loading and unloading ovens. 2,323,828; July 6.
- Mayer, Carl F., Lakewood, Ohio. Door for industrial ovens. 2,330,728; Sept. 28.
- Mayer, Charles M., assignor to The Tappen Stove Company, Mansfield, Ohio. Indicator for cooking stoves. 2,310,900; Feb. 9.
- Mayer, Charles W., Rochester, N. Y. Coating machine. 2,322,533; June 22.
- Mayer, Edgar, Maspath, assignor to Rivali Corset Co. Inc., New York, N. Y. Woman's corset. 2,326,476; Aug. 10.
- Mayer, Edith. (See Mayer, Carl and Edith.)
- Mayer, Gottfried J., Buffalo, N. Y. Angle drill. 2,333,025; Oct. 26.
- Mayer, Harry F., Schenectady, N. Y., assignor to General Electric Company. Superheterodyne receiver. 2,323,924; July 13.
- Mayer, Harry F., Schenectady, N. Y., assignor to General Electric Company. Shielding for high frequency switches. 2,335,059; Nov. 9.
- Mayer, Harry F., and A. E. Gurewitsch, Schenectady, N. Y., assignor to General Electric Company. Electric regulator. 2,337,911; Dec. 28.
- Mayer, Maurice W., Baytown, Tex., assignor, by mesne assignments, to Standard Catalytic Company. Catalytic reforming. 2,335,684; Nov. 30.
- Mayer, Otto, New York, N. Y. Molded cigarette case. 2,335,685; Nov. 30.
- Mayer, Stephen, Portland, Oreg. Fishing accessory. 2,328,915; Sept. 7.
- Mayers, Horace C. (See Shaw, William F., assignor.)
- Mayers, Karl F., Somerville, assignor to National Union Radio Corporation, Elizabeth, N. J. Tube structure. 2,325,527; July 27.
- Mayers, Wilbur S., Toledo, Ohio. Machine and method for forming and welding hollow glass blocks. 2,313,160; Mar. 9.
- Mayes, Mark W., Marietta, Ga. Apparatus for dehydrating yarn. 2,308,767; Jan. 19.
- Mayes, Samuel A., Detroit, Mich. Upholstered door cover. 2,334,881; Nov. 23.
- Mayeux, Dandy J., Philadelphia, Pa. Midget toothbrush. 2,324,759; Mar. 20.
- Mayfield, Edward E., assignor to Hercules Powder Company, Wilmington, Del. Bituminous emulsion and producing. 2,328,481; Aug. 31.
- Mayfield, Orley J., and J. P. Henry, Charles City, Iowa, assignors to Dr. Salsbury's Laboratories. Talcenicide. 2,320,630; June 1.
- Maynard, Albert C., Oakland, Calif., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Rotary operative fastener device and installation of the same. 2,327,327; Aug. 17.
- Maynard, Arthur H., assignor to Boston Wire Stitcher Company, Warwick, R. I. Fastener-applying implement. 2,309,778; Feb. 2.
- Maynard, Arthur H., assignor to Boston Wire Stitcher Company, Warwick, R. I. Magazine for fastener-applying instruments. 2,309,779; Feb. 2.
- Maynard, Arthur H., assignor to Boston Wire Stitcher Company, Warwick, R. I. Wire-stitching machine. 2,320,703; June 1.
- Maynard, Carl W., Jr. (See Rossander, S. S., Sparks, and Maynard, Jr.)
- Maynard, John E., Los Angeles, assignor to E. R. Parker, Seal Beach, Calif. Gas control means. 2,324,100; July 13.
- Maynard, Joel P., Pawtucket, and G. A. Matteson, Jr., Saundertown, R. I., assignors to The Graham Mfg. Co., Inc. Machine for sharpening lawn mowers. 2,334,945; Mar. 30.
- Maynard, John E., Schenectady, N. Y., assignor to General Electric Company. Signal transmission system. 2,310,198; Feb. 2.
- Maynard, John E., Schenectady, N. Y., assignor to General Electric Company. Resistance network for amplifiers. 2,331,708; Oct. 12.
- Mayne, Lyle K., Linden, N. J., assignor to American Cyanamid and Chemicals Corporation, New York, N. Y. Apparatus for locking metal frames together. 2,331,709; Oct. 12.
- Mayne, Robert, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Track and detachable grouser therefor. 2,318,347; May 4.
- Mayne, Robert, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Track and grouser therefor. 2,326,477; Aug. 10.
- Mayne, Robert, Akron, Ohio. Apparatus for combatting acceleration nausea. 2,334,018; Nov. 9.
- Maynes, Walter L., Cincinnati, Ohio. Heating device. 2,319,698; May 18.
- Mayne, William H., assignor to O. S. Petty, San Antonio, Tex. Selsmic circuit. 2,326,153; Aug. 10.
- Mayner, Stanley, Cleveland, assignor to The Euclid Road Machinery Co., Euclid, Ohio. Clutch and accelerator interlock. 2,335,351; Nov. 30.
- Maynes, Emma C., et al. (See Whistler, Lawrence V., assignor.)
- Maynes, Emma C., et al. (See Zebulskie, Edward A., assignor.)
- Maynes, Hyla F. (See Maynes, Emma C., assignor.)
- Maynes, Hyla F., et al. (See Whistler, Lawrence V., assignor.)
- Maynes, Hyla F., et al. (See Zebulskie, Edward A., assignor.)
- Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Fishing reel. 2,331,919; Oct. 19.
- Mayo, Dana H. N. (See Bailey, E. G., and Mayo.)
- Mayo, Dana H. N., Ridgewood, N. J., and A. E. Raynor, Rockville Centre, N. Y., assignors to The Babcock & Wilcox Company, Newark, N. J. Steam generator. 2,310,801; Feb. 9.
- Mayo, Edward L., assignor to The Bishop & Babcock Manufacturing Company, Cleveland, Ohio. Automotive vehicle heating apparatus. 2,322,041; June 15.
- Mayo, Edward L., assignor to The Bishop & Babcock Manufacturing Company, Cleveland, Ohio. Automotive vehicle heating apparatus. 2,326,242; Aug. 10.
- Mayo, Frank V., Stockton, and W. H. Misson, Los Altos, Calif. Fluid meter. 2,315,805; Apr. 6.
- Mayorga, Joseph C., and A. V. La Pointe, Hartford, Conn. Tabulating machine. 2,336,111; Dec. 7.
- Mays, Wilburt W., Middletown, Pa. Fluid actuated circuit closer. 2,327,054; Aug. 17.
- Mays, William J., Birmingham, Ala. Work table. 2,333,874; Nov. 9.
- Maywald, Frederick J., Jr., Rutherford, assignor to Allied Latex Corporation, East Newark, N. J. Machine for making certain rubber goods. 2,322,766; June 29.
- Mazet, Horace S., Lakewood Village, Calif. Clothes rack. 2,336,274; Dec. 7.
- Mazur, Paul M. (See Tandler, W. S., and Mazur.)
- Mazzei, Alberto, Sacramento, Calif. Safety carrier for nitroglycerin or other explosives. 2,335,779; Nov. 30.
- Mazzella, Antonio, New Haven, Conn. Producing hoisting slings. 2,325,261; July 27.
- Mazzini, Louis Y., Indianapolis, assignor to Indiana University Foundation, Bloomington, Indiana. Syphilis tests and antigen. 2,334,636; Nov. 16.
- Mazzuchelli, Arthur P. (See Meharg, V. E., and Mazzuchelli.)
- McAfee, Almer M., and E. E. Dunlay, Port Arthur, Tex., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Alkylation. 2,323,616; July 6.
- McAfee, Jerry, assignor to Universal Oil Products Company, Chicago, Ill. Fluid meter. 2,325,695; Aug. 3.
- McAfee, Samuel H., New Orleans, La. Lettering device. 2,332,159; Oct. 19.
- McAlevy, Ambrose. (See Loder, D. J., and McAlevy.)
- McAlevy, Ambrose, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic materials and producing same. 2,316,525; Apr. 13.
- McAllister, Clifton E., Batesburg, S. C. Yarn drying apparatus. 2,318,511; May 4.
- McAllister, Edward D., Montgomery County, Md., assignor to Standard Oil Development Company. Apparatus for gas analysis. 2,327,539; Aug. 24.
- McAllister, Sumner H., Lafayette, and S. A. Ballard, Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif. Recovery of nitrogen bases. 2,309,324; Jan. 26.
- McAllister, Sumner H., Lafayette, and V. E. Haury, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Condensation of carbonylic compounds. 2,309,650; Feb. 2.
- McAllister, Sumner H., Lafayette, J. Anderson, Berkeley, and E. F. Bullard, Oakland, assignors to Shell Development Company, San Francisco, Calif. Catalytic alkylation process. 2,334,108; Nov. 9.
- McAllister, Walter G., assignor to The Foxboro Company, Foxboro, Mass. Slide wire potentiometer. 2,308,422; Jan. 12.
- McAlvay, John C., assignor to Webster Electric Company, Racine, Wis. Fuel supply system. 2,330,066; Sept. 21.
- McAndrews, Peter J., Jamaica, N. Y. Piston assembly. 2,337,057; Dec. 21.
- McAnaney, Joseph A., New York, N. Y., assignor to Electric Vacuum Cleaner Company, Inc. Vacuum cleaner. 2,327,810; Aug. 24.
- McAnlis, Wallace C., Detroit, Mich. Heat control. 2,318,875; May 11.
- McArdle, Beryl L., assignor to United Steel and Wire Company, Battle Creek, Mich. Shelf or rack suitable for refrigerators or the like. 2,312,765; Mar. 5.

- McArdle, Edward H., Linden, N. J., assignor to Standard Oil Development Company. Coating composition. 2,321,303; June 8.
- McArthur, Bruce E., East Cleveland, and Asa H. Myles, Solon, assignors to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Master switch and control system combination. 2,325,413; July 27.
- McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Electric valve frequency changer. 2,319,072; May 11.
- McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Electric valve frequency changer. 2,325,965; Aug. 3.
- McArthur, Herbert A., Mundelein, and J. B. Decker, Evanston, Ill. Oiling system for rotary pumps. 2,313,387; Mar. 9.
- McArthur, Joseph, assignor to James Heddon's Sons, Dowagiac, Mich. Weed guarded fish lure. 2,315,440; Mar. 30.
- McArthur, Warren, New York, N. Y., assignor to Warren McArthur Corporation. Metal furniture. 2,323,829; July 6.
- McArthur, Warren, New York, N. Y., assignor to Warren McArthur Corporation. Chair construction. 2,331,990; Oct. 19.
- McArthur, Warren, Corporation. (See McArthur, Warren, assignor.)
- McAuliffe, Patrick, New York, N. Y. Musical instrument. 2,309,106; Jan. 26.
- McAuley, James. (See Sunderman, F. R., and McAuley.)
- McAvity, T., & Sons Ltd. (See Stirling, Frederick D., assignor.)
- McAvoy, Frank E., Tempeck, N. J., assignor to General Bronze Corporation, Long Island City, N. Y. Automatic target. 2,307,147; Jan. 5.
- McAvoy, Trush, Cincinnati, Ohio. Composition shingle. 2,323,230; June 29.
- McBain, Donald Keith. (See Palmrose, G. V., and McBain.)
- McBain, William C., Youngstown, Ohio. Oil cleaning apparatus. 2,337,260; Dec. 21.
- McBain, William C., P. R. Rauch, and W. L. Borgs, assignors to The Cold Metal Company, Youngstown, Ohio. Rolling mill coiler. 2,334,109; Nov. 9.
- McBean, Douglas M., Rochester, assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Machine for filling containers. 2,315,865; Apr. 6.
- McBean, Douglas M., Rochester, assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Filling machine. 2,315,866; Apr. 6.
- McBean, Douglas M., Rochester, assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Coffee bin. 2,321,838; June 15.
- McBeath, Royce H., Danville, Ky., assignor to F. D. Jones Manufacturing Company, Beatrice, Nebr. Hold card holder. 2,309,497; Jan. 26.
- McBee Company, The. (See Connor, R., and Nevin, assignors.)
- McBee Company, The. (See Welk, Nelson S., assignor.)
- McBee, Earl T., and E. F. Riley, West Lafayette, Ind., assignors to Purdue Research Foundation, La Fayette, Ind. Halogenation of nitro compounds. 2,337,912; Dec. 28.
- McBride, John J., Bayonne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Slack adjuster for railway brakes. 2,326,377; Aug. 10.
- McBride, John J., Bayonne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Protected safety valve. 2,335,829; Nov. 30.
- McBride, John W., Burbank, Calif. Stringed musical instrument. 2,316,799; Apr. 20.
- McBride, John W., Burbank, Calif. Stringed musical instrument. 2,316,800; Apr. 20.
- McBride, John D., Newburgh, N. Y., and E. H. Nollan, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Semistiff collar and preparing same. 2,312,925; Mar. 2.
- McBride, Anthony L., Reading, Mass. Bracket. 2,330,507; Sept. 28.
- McCabe, Harry E. (See Kirschenbaum, I., and McCabe.)
- McCabe, Ira E., Chicago, Ill. Temperature controlling system. 2,313,835; Mar. 16.
- McCabe, Ira E., Chicago, Ill. Electric switch mechanism. 2,348,698; May 11.
- McCabe, Ira E., Chicago, Ill. Temperature responsive electric switch. 2,318,699; May 11.
- McCabe, Ira E., Chicago, Ill. Combined incandescent lamp and flasher switch. 2,318,700; May 11.
- McCabe, Ira E., Chicago, Ill. Enclosed mercury switch. 2,325,785; Aug. 3.
- McCabe, Ira E., Chicago, Ill. Constant differential temperature controller. 2,333,263; Nov. 2.
- McCabe, Laurence B., Waverley Hills, Ky. Brick unit. 2,321,463; Jan. 8.
- McCain, Cecil C., Glen Ellyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Cutting apparatus. 2,308,703; Jan. 19.
- McCaleb, Albert G. (See Allen, Hugh E., assignor.)
- McCall, Harold C., Columbus, Ohio. Expandable core mold. 2,315,634; Apr. 6.
- McCallister, Howard L., Parkville, assignor to The Glenn L. Martin Company, Middle River, Md. Flush gun turret. 2,336,557; Dec. 14.
- McCambridge, James E. (See Kennedy, M. M., and McCambridge.)
- McCandlish, Edward, Van Wert, Ohio. Overshoe. 2,309,520; Jan. 26.
- McCann-Erickson, Incorporated. (See Bech, John H., assignor.)
- McCann, Frank J., Sallinas, Calif. Lettuce packing. 2,331,129; Oct. 5.
- McCann, John J., Lowell, assignor of 49% to Lawrie L. Vitter, Boston, Mass. Strand spinning and twisting mechanism. 2,321,404; June 8.
- McCann, Leland R., Hawthorne, N. J., assignor to American Can Company, New York, N. Y. Blank feeder for can bodymakers. 2,315,535; Apr. 6.
- McCann, Michael, Ozone Park, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Safety device for sewing machines. 2,328,527; Aug. 31.
- McCann, Paul S., La Grange, Ill. assignor to Western Electric Company, Incorporated, New York, N. Y. Conveyor system. 2,328,386; Aug. 31.
- McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,324,939; July 20.
- McCarroll, Russell H., Dearborn, F. G. Shaub, Detroit, and J. S. Laird, assignors to Ford Motor Company, Dearborn, Mich. Magnesium production. 2,330,724; Sept. 28.
- McCart, Arthur W., Topeka, Kans. Transmission. 2,329,354; Sept. 14.
- McCarthy, Aimee M., Saratoga Springs, assignor of one-third to G. H. Corey, New York, N. Y. Dusting and polishing mop. 2,320,372; June 1.
- McCarthy, Edmund, Brooklyn, N. Y. Rotary conveyor. 2,319,007; May 11.
- McCarthy, Edmund, Tenafly, N. J. Domestic heater. 2,327,442; Aug. 24.
- McCarthy, Edwin L., Kansas City, Mo., assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Manway system for multiple plate columns. 2,332,243; Oct. 19.
- McCarthy, Fred M., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Trouble cutoff system. 2,322,864; June 29.
- McCarthy, Harry, and J. R. Brasel, Kewanee, Ill., assignors to Walworth Patents Inc., Boston, Mass. Locking device. 2,324,633; July 20.
- McCarthy, Henry J., Danvers, Mass., assignor to Sylvania Electric Products. Thermal relay for electric discharge lamp. 2,314,725; Mar. 23.
- McCarthy, Henry J., Danvers, Mass., assignor to Sylvania Electric Products Inc. Thermal relay for fluorescent lamps. 2,326,154; Aug. 10.
- McCarthy, John W., and H. C. Holly, Lockport, assignors to F. N. Burt Company, Inc., Buffalo, N. Y. Powder container. 2,315,635; Apr. 6.
- McCarthy, Lawrence J., Maywood, assignor to Sears, Roebuck and Co., Chicago, Ill. Can opener spout. 2,312,351; Mar. 2.
- McCarthy, Timothy F., Indiana, Pa. Loading apparatus. 2,314,008; Mar. 16.
- McCarthy, Timothy F., Indiana, Pa. Loading apparatus. 2,314,009; Mar. 16.
- McCarthy, Vern L., Maywood, assignor to Vulcan Stamping & Mfg Co., Bellwood, Ill. Sealing ring. 2,326,545; Aug. 10.
- McCartney, John C., assignor to Armstrong Cork Company, Lancaster, Pa. Load supporting device. 2,335,214; Nov. 23.
- McCartney, John C., Lancaster, and H. R. Jaynes, Mannheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Cleaning device for mixing or agitating vessels. 2,320,976; June 1.
- McCarthy, William J., Birmingham, Ala. Coupling. 2,327,604; Aug. 24.
- McCarthy, George M. (See Eckel, J. E., and McCarthy.)
- McCarthy, Madison P., assignor of one-half to J. D. Grey, Dallas, Tex. Electro vacuum vibrator. 2,314,590; Mar. 23.
- McCarthy, Malcolm D., Dallas, Tex., assignor to Socony Vacuum Oil Company, Incorporated, New York, N. Y. Geophone. 2,328,222; Aug. 31.
- McCash, Neil, and J. J. Scheper, assignors to The Kroger Grocery & Baking Co., Cincinnati, Ohio. Display container. 2,307,146; Jan. 5.
- McCashen, James F., Bay Village, assignor to Rotary Cutters, Inc., Cincinnati, Ohio. Cutting machine. 2,327,280; Aug. 17.
- McCashen, James F., Bay Village, assignor to Rotary Cutters, Inc., Cincinnati, Ohio. Making chocolate. 2,327,281; Aug. 17.
- McCaskey Register Company, The. (See West, Fletcher L., assignor.)
- McCaslin, Walton L., assignor to Armour and Company, Chicago, Ill. Cream treatment. 2,307,227; Jan. 5.
- McCass Company, The. (See Cusack, C. E., and Berger, assignors.)
- McCauley, Ernest G., Dayton, Ohio. Aircraft propeller hub. 2,317,629; Apr. 27.
- McCauley, William H., Jr., Philadelphia, Pa. Pencil sharpener. 2,336,558; Dec. 14.
- McCauley, John W., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic reactor. 2,329,847; Sept. 21.

- McChesney, Caylor S., Kenmore, and J. W. Short, assignors to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Constructive rubber flooring. 2,325,414; July 27.
- McChesney, Samuel W., Jr., Carey, assignor to Porcelain Products Inc., Findlay, Ohio. Wall box. 2,335,539; Dec. 11.
- McClanahan, Harry J. (See Carpenter, J. H., Kennedy, and McClanahan.)
- McClary, Archie W., Oakland, Calif. Bung opening construction. 2,308,080; Jan. 12.
- McClary, Archie W., Oakland, Calif. Fabricating metal tubes. 2,327,731; Aug. 24.
- McClaren, William M., Exeter, Calif. Casement window opener. 2,335,913; Oct. 28.
- McClary, Lorin P., Indianapolis, Ind. Laundry machine. 2,314,155; Mar. 16.
- McClary, Ray L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making improved pigments. 2,337,162; Dec. 21.
- McClary, Ruth E., and S. M. Roberts, Bacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Lubricating oil. 2,322,376; June 22.
- McClary, Harold L., Downers Grove, assignor to A. J. Chins, Chicago, Ill. Web tension equipment for printing presses. 2,336,112; Dec. 7.
- McClellan, Marcus E. (See Moschel, H., Jones, Mappin, and McClellan.)
- McClellan, Paul P. (See Eriks, W. P., and McClellan.)
- McClellan, Paul P., Old Greenwich, and W. P. Eriks, Cos Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Stabilized ice color composition containing guanylurea. 2,314,652; Mar. 23.
- McClellan, Paul P., Old Greenwich, and J. C. Bacon, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Sulpho esters of endomethylene-3,6- Δ^4 -tetrahydrophthalic acid. 2,314,846; Mar. 23.
- McClellan, Raymond H. (See Linden, C. E., and McClellan.)
- McClelland, Harry D., Topeka, Kans. Screen door hook. 2,332,121; Jan. 12.
- McCloughan, Evert A., Encinitas, Calif. Transporter of tractors and other equipment. 2,309,198; Jan. 26.
- McClintic, Robert H. (See Carlson, George W., assignor.)
- McClintock, John H., Cranford, N. J., assignor to Standard Oil Development Company. Refining mineral oils. 2,322,652; June 22.
- McClintock, John H., Cranford, N. J., assignor to Standard Oil Development Company. Sweetening of hydrocarbon oils. 2,324,790; July 20.
- McClintock, Leslie A., assignor to R. H. Goodale, Worcester, Mass. Filter paper and its manufacture and use. 2,314,548; Mar. 23.
- McCloud, Edward H., assignor to The Kinnear Manufacturing Company, Columbus, Ohio. Locking device. 2,315,722; Apr. 6.
- McCloud, Robert A. (See Shaub, F. G., McCloud, and Tiffany.)
- McCloy, Graham S., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,324,309; Jan. 13.
- McCluer, John D., Charlotte, N. C., assignor to The Union Switch and Signal Company, Swissvale, Pa. Electrical rectifier. 2,315,867; Apr. 6.
- McCluer, Wilbert B., R. W. Huffard, and F. J. Philippbar, assignors to Kendall Refining Company, Bradford, Pa. Impregnated fibrous materials. 2,317,209; Apr. 20.
- McCluer, Wilbert B. and R. W. Huffard, assignors to Kendall Refining Company, Bradford, Pa. Chemical condensation product. 2,337,336; Dec. 21.
- McCluer, Wilbert B., R. W. Huffard, and F. J. Philippbar, assignors to Kendall Refining Company, Bradford, Pa. Molding composition. 2,337,337; Dec. 21.
- McCluer, Wilbert B., R. W. Huffard, and F. J. Philippbar, assignors to Kendall Refining Company, Bradford, Pa. Floor paving and like composition. 2,337,338; Dec. 21.
- McCluer, Wilbert B. and R. W. Huffard, assignors to Kendall Refining Company, Bradford, Pa. Blended rubber composition. 2,337,339; Dec. 21.
- McClure, Benjamin C., Chicago, Ill., assignor to Owens-Corning Fiberglass Corporation, Toledo, Ohio. Apparatus for fibrizing fusible inorganic substances and forming the fibers into bats. 2,318,243; May 4.
- McClure, Benjamin C., Chicago, Ill., assignor to Owens-Corning Fiberglass Corporation, Toledo, Ohio. Fibrizing mineral substances by centrifuge and blast. 2,318,244; May 4.
- McClure, Glenn T., McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Check valve device. 2,311,851; Feb. 23.
- McClure, Glenn T., McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake means. 2,314,413; Mar. 23.
- McClure, Glenn T., McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,322,042; June 15.
- McClure, Richard S. (See Kauppi, T. A., Koldermann and McClure.)
- McCull, Eli S., Long Beach, Calif. System for removing oil films from bodies of water. 2,330,508; Sept. 28.
- McCollam, Patrick G., Beckley, W. Va. Respirator. 2,309,470; Jan. 26.
- McCollum, Elton V. (See Athy, L. F., and McCollum.)
- McCollum, Henry J., De N., Evanston, Ill. Heating system. 2,308,887; Jan. 19.
- McCollum, Henry J., De N., Chicago, Ill. Heater. 2,308,888; Jan. 19.
- McCollum, Henry J., De N., Chicago, Ill. Automobile heater. 2,315,636; Apr. 6.
- McCollum, Henry J., De N., Chicago, Ill. Valve for automobile heaters. 2,325,189; July 27.
- McCollum, Henry J., De N., Chicago, Ill. Aircraft heating apparatus. 2,327,202; Aug. 17.
- McCollum, Henry J., De N., Chicago, Ill. Heating system. 2,330,298; Sept. 28.
- McCollum, Henry J., De N., Chicago, Ill. Automobile heater. 2,332,094; Oct. 19.
- McCollum, Henry J., De N., Chicago, Ill. Automatically controlled heater. 2,337,484; Dec. 21.
- McComb, Lloyd A., assignor to Brinck Engineering Company, Inc., Los Angeles, Calif. Processing apparatus. 2,327,282; Aug. 17.
- McComb, Arnold R., assignor to Armstrong Cork Company, Lancaster, Pa. Closure. 2,317,287; Apr. 20.
- McCombs, Marvin W., Statesville, N. C. Heavy duty trailer. 2,320,631; June 1.
- McCombs, Melvorne J., assignor to The Buckeye Tools Corporation, Dayton, Ohio. Angle head. 2,319,465; May 18.
- McConaghay, Kenneth A., New York, N. Y. Rotary advertising display device. 2,320,151; May 25.
- McConaughy, Robert B. (See Dunn, C. L., and McConaughy.)
- McConaughay, Kenneth E., West Lafayette, Ind. Process of paving. 2,320,045; Aug. 3.
- McConnell, Andrew J., Upper Darby, Pa., assignor to General Electric Company. Protective system. 2,314,231; Mar. 16.
- McConnell, John L., Evanston, Ill., assignor to Central Scientific Co. Thermometer armor. 2,328,528; Aug. 31.
- McConohie, Lest L., assignor, by mesne assignments, to Bol-Mac Products Company, Galesburg, Mich. Submerged double acting pump. 2,326,378; Aug. 10.
- McConomy, Henry F. (See Chaffant, W. E., and McConomy.)
- McConway & Torley Corporation. (See Carpenter, Harold Y., assignor.)
- McConway & Torley Corporation. (See Leppla, Rudolph, assignor.)
- McCook, Joseph F., Searsville, N. Y. Constructing piles. 2,326,155; Aug. 10.
- McCoon, Paul L., Los Angeles, Calif., assignor to Trijex Corporation. Cigarette case. 2,327,120; Aug. 17.
- McCord, Andrew T., Collingswood, N. J., assignor to The Sherwin-Williams Company. Making titanium containing pigments. 2,326,156; Aug. 10.
- McCord, Andrew T., Collingswood, and H. F. Saunders, Haddonfield, N. J., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Activated anhydride, making the same and product including it. 2,326,157; Aug. 10.
- McCord, Andrew T., and H. F. Saunders, Haddonfield, N. J., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Extended titanium dioxide pigment. 2,326,158; Aug. 10.
- McCord, Andrew T., Collingswood, and H. F. Saunders, Haddonfield, N. J., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Production of titanium dioxide. 2,333,660; Nov. 9.
- McCord, Andrew T., Collingswood, and H. F. Saunders, Haddonfield, N. J., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Production and use of hydrous titanium oxide. 2,333,661; Nov. 9.
- McCord, Andrew T., and H. F. Saunders, Haddonfield, N. J., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Manufacture of titanium dioxide pigments. 2,333,662; Nov. 9.
- McCord, Andrew T., and H. F. Saunders, Haddonfield, N. J., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Manufacture of titanium oxide pigments. 2,333,663; Nov. 9.
- McCord Radiator & Mfg. Co. (See Schank, H. E. and Seemiller, assignors.)
- McCorkle, John T. R., Boise, and Edwin V. Berg, Idaho Falls, Idaho. Lining of irrigation ditches. 2,308,294; Jan. 12.
- McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,314,591; Mar. 23.
- McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,321,151; June 8.
- McCormack, Alex A., and R. E. Gould, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,328,824; Sept. 7.
- McCormack, Charles V., Chicago, Ill. Carriage truck. 2,319,008; May 11.
- McCormack, Eugene L. (See Lobl, Victor, and McCormack.)
- McCormick, Elmer, assignor to John Deere Tractor Company, Waterloo, Iowa. Tractor transmission. 2,309,190; Jan. 26.
- McCormick, Francis H., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,308,768; Jan. 19.

- McCormick, Francis H., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,314,592; Mar. 23.
- McCormick, Francis H., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,320,041; May 25.
- McCormick, George, Redwood City, and F. E. Russell, San Francisco, Calif. Boiler drop plug. 2,313,449; Mar. 9.
- McCormick, George, Redwood City, and B. M. Brown, Palo Alto, Calif. Car truck safety device. 2,319,466; May 18.
- McCormick, Harold V., Westfield, assignor to Westinghouse Electric Elevator Company, Jersey City, N. J. Elevator door operating mechanism. 2,318,090; May 4.
- McCormick, Harold V., Westfield, assignor to Westinghouse Electric Elevator Company, Jersey City, N. J. Elevator safety apparatus. 2,326,046; Aug. 3.
- McCormick, Joseph A., Jr., Forest Park, assignor to Dearborn Glass Company, Chicago, Ill. Apparatus for treating glass sheets and the like. 2,329,922; Sept. 21.
- McCormick, Lewis M., Palo Alto, Calif., assignor to The Scholl Mfg. Co., Inc., Chicago, Ill. Measuring device. 2,319,148; May 11.
- McCormick, Robert W. (See Davenport, F. E., Knowlton, and McCormick.)
- McCormick, Thomas F. (See Lazar, A., and McCormick.)
- McCormick, William R. (See Lawler, William J., assignor.)
- McCooy, Carl J., Orcutt, and W. O. Butler, Santa Maria, Calif. Packing device. 2,321,927; June 15.
- McCooy, Charles W., Glendale, Calif. Testing apparatus. 2,335,780; Nov. 30.
- McCooy, Clarence E., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Work feeding apparatus. 2,314,154; Mar. 16.
- McCooy, Claudius T., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Detector and automatic volume control circuit for frequency-modulation receivers. 2,330,902; Oct. 5.
- McCooy, Claudius T., Philadelphia, and P. M. Craig, Cheltenham, assignors to Philco Radio and Television Corporation, Philadelphia, Pa. Frequency modulation radio receivers. 2,310,304; Feb. 9.
- McCooy, Frederic C. (See Knowles, E. C., and McCooy.)
- McCooy, Paul E. (See Watts, V. E., and McCooy.)
- McCooy, Paul E., assignor to American Bituminous Company, San Francisco, Calif. Bituminous composition and making the same. 2,313,759; Mar. 16.
- McCracken, John H. (See Nygaard, E. M., McCracken, and Seger.)
- McCracken, John H., and E. M. Nygaard, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Diesel fuel. 2,335,953; Dec. 7.
- McCracken, William L. (See Levine, A. A., Sweeney, Kircher, and McCracken.)
- McCrary Engineering Company. (See McCrary, Pierce R., assignor.)
- McCrary, Pierce R., Washington, D. C., assignor to McCrary Engineering Company, Inc. Gyroscopic internal combustion engine. 2,311,064; Feb. 16.
- McCrary, George, Alvin, Tex. Casing centering device. 2,311,768; Feb. 23.
- McCreary, Harold J., Lombard, Ill. Electromagnetic inductance apparatus. 2,324,634; July 20.
- McCreary, Norman B., Little Rock, Ark. Display stand. 2,332,804; Oct. 26.
- McCreery, Cecil W. (See Loudon, H. M., and McCreery.)
- McCrosky Tool Corporation. (See Greenleaf, Walter J., assignor.)
- McCubbin, Rosa C., Auburn, Calif. Road marking machine. 2,317,288; Apr. 20.
- McCulloch, John J., near Spencer, assignor of one-half to M. P. Gerjets, Clay County, Iowa. Latch. 2,334,426; Nov. 16.
- McCullough, Gerald W. (See Legatski, H. R., Swerdlhoff, and McCullough.)
- McCullough, Gerald W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Regulating mechanism for valves. 2,319,336; May 18.
- McCullough, Irvin J. (See Stafford, Guy N., assignor.)
- McCullough, Jack A. (See Eitel, W. W., and McCullough.)
- McCullough, James H., and E. R. Birkheimer, Philadelphia, and L. N. Leum, Upper Darby, assignors to The Atlantic Refining Company, Philadelphia, Pa. Treatment of hydrocarbon oil. 2,309,651; Feb. 2.
- McCullough, Otis J., Houston, Tex., assignor to McCullough Tool Company, Los Angeles, Calif. Gun tester. 2,330,509; Sept. 28.
- McCullough, Paul J., assignor to J. Pavelka, St. Louis, Mo. Electric cooker. 2,308,091; Jan. 12.
- McCullough, Paul J., assignor to J. Pavelka, St. Louis, Mo. Automatic toaster. 2,336,696; Dec. 14.
- McCullough, Ray A., Oakmont, Pa., assignor to Blaw-Knox Company, Cincinnati, Ohio. Mechanical vibration or oscillation generator. 2,323,479; July 6.
- McCullough Tool Company. (See McCullough, Otis J., assignor.)
- McCullough, William T., assignor to Goodman Manufacturing Company, Chicago, Ill. Slack or cuttings removing device. 2,320,004; May 25.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,308,889; Jan. 19.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,308,890; Jan. 19.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 2,317,134; Apr. 20.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake cylinder device. 2,322,043; June 15.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,326,960; Aug. 17.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,326,961; Aug. 17.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Wheel slip control means. 2,332,584; Oct. 26.
- McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid motor mechanism. 2,332,585; Oct. 26.
- McCurdy, Horace L., Keene, assignor to W. E. Abbas, Cleburne, Tex. Carburetor. 2,325,310; July 20.
- McCurdy, Ralph E. (See Mick, J. M., and McCurdy.)
- McCurrah Organization Incorporated. (See Malek, Morris S., assignor.)
- McCurtain, Einzel L., Los Angeles, assignor to Hammer-Bray Company, Ltd., Oakland, Calif. Oil burner. 2,337,673; Dec. 28.
- McDaniel, A. J. (See Shelton, Ernest F., assignor.)
- McDaniel, Ernest C., Denver, Colo. Motor trailer chassis. 2,316,702; Apr. 13.
- McDaniel, Walter O., assignor of one-half to Raymond M. Schweiger, Jefferson, Wis. Sofa bed. 2,319,337; May 18.
- McDaniel, William L., Highland Park, assignor to Massey Concrete Products Company, Chicago, Ill. Cribbing. 2,315,441; Mar. 30.
- McDaniel, Clarence O. (See McDannel, Clarence H. and C. O.)
- McDaniel, Clarence H. and C. O., Caldwell, Idaho. Liquid injecting device. 2,325,262; July 27.
- McDearmid, Mault T., Sand Springs, Okla. Sheet apparatus. 2,330,903; Oct. 5.
- McDermet, John R., Hempfield Township, Westmoreland County, assignor to Elliott Company, Pittsburgh, Pa. Heating and deaerating of liquids. 2,321,839; June 15.
- McDermott, Frank A., assignor to E. J. du Pont de Nemours & Company, Wilmington, Del. Article of manufacture. 2,321,762; June 15.
- Machinery Corporation, Boston, Mass. Manufacture of footwear. 2,329,282; Sept. 14.
- McDermott, Henry J., Prospect Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Spinning bucket cover-retaining device. 2,308,382; Jan. 12.
- McDermott, Henry J., Prospect Park, Pa., assignor to American Viscose Corporation, Wilmington, Del. Spinning box. 2,325,786; Aug. 3.
- McDermott, Henry J., Prospect Park, and R. W. Stanley, Drexel Hill, Pa., assignors to American Viscose Corporation, Wilmington, Del. Centrifugal spinning bucket. 2,325,787; Aug. 3.
- McDermott, James E., Lynn, assignor to Compo Shoe McDermott, Julian A., Elmhurst, N. Y. Automatic circuit controller for gaseous discharge devices. 2,310,149; Feb. 2.
- McDermott, Perry O., Los Banos, Calif. Eradicating tubes. 2,322,865; June 29.
- McDermott, Walter J., assignor to A. O. Smith Corporation, Milwaukee, Wis. Sand blast nozzle. 2,333,264; Nov. 2.
- McDevitt, William J., Toronto, Ontario, Canada. Reversible valve. 2,314,653; Mar. 23.
- McDonald, A. Y., Mfg. Co. (See Groen, Christopher, assignor.)
- McDonald, Albert W., Elkhart, Ind. Plastic frame for screens, ventilators, and windows. 2,318,526; Apr. 13.
- McDonald, Allen T., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Lubricating system. 2,322,463; June 22.
- McDonald, B. F., Company. (See Lewis, Howard B., assignor.)
- McDonald, Dan, Santa Monica, Calif. Processing sulphur. 2,316,673; Apr. 13.
- McDonald, Dorothy L., Evanston, Ill. Garment. 2,310,103; Feb. 2.
- McDonald, Dorothy L., Evanston, Ill., assignor to Standard Knitting Mills, Inc., Knoxville, Tenn. Garment. 2,308,337; Jan. 12.
- McDonald, Dorothy L., assignor to H. M. McDonald, Evanston, Ill. Undergarment. 2,328,087; Aug. 31.
- McDonald, Eugene F., Jr., Chicago, Ill. Radio control system. 2,307,329; Jan. 5.
- McDonald, Eugene F., Jr., Chicago, Ill. Radio apparatus. 2,329,634; Sept. 14.
- McDonald, Harrison G., Pasadena, Calif. Incendiary protective shovel. 2,317,688; Apr. 27.
- McDonald, Herman M. (See McDonald, Dorothy L., assignor.)
- McDonald, Hugh, assignor to Pillsbury Flour Mills Company, Minneapolis, Minn. Bleaching flour. 2,307,631; Jan. 5.

McDonald, Jesse D., assignor of one third to J. E. Thomas, Enid, Okla., Baking pan, 2,326,546; Aug. 10.

McDonald, John C., assignor to The Dow Chemical Company, Midland, Mich., Rolling magnesium base alloys, 2,314,010; Mar. 16.

McDonald, John E., assignor to B. F. Sturtevant Company, Boston, Mass., Fan, 2,307,418; Jan. 6.

McDonald, John R., Weymouth Heights, and H. N. Ruel, South Weymouth, Mass., assignors to Bethlehem Steel Company, Welding electrode, 2,312,109; Feb. 23.

McDonald, Joseph S., and W. E. A. Ruska, Houston, Tex., assignors to Well Tool Development Corporation, Improvement in well tools, 2,327,362; Aug. 24.

McDonald, Lawrence L., Park Ridge, assignor, by mesne assignments, to Allen M. Rossman, Wilmette, Ill., Pull rod carrier, 2,333,664; Nov. 9.

McDonald, Louis, Yonkers, N. Y., assignor to The Dodge Chemical Company, Boston, Mass., Embalming fluid, 2,318,319; May 4.

McDonald, Mary C., (See McDonald, Raymond, assignor.)

McDonald, Raymond, assignor to M. C. McDonald, Philadelphia, Pa., Making shoes, 2,314,098; Mar. 16.

McDonald, Walter P., Oklahoma City, Okla., Table type bowling apparatus, 2,317,289; Apr. 20.

McDonald, William J., Kansas City, Mo., Vehicle impeding device, 2,313,388; Mar. 9.

McDonell, William E., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y., Ophthalmic mounting, 2,332,160; Oct. 19.

McDonough, Edward W., assignor to Aircraft Specialties, Chicago, Ill., Hydraulic generator, 2,336,996; Dec. 14.

McDonough, George A., Chicago, Ill., Duct construction, 2,333,026; Oct. 26.

McDonough, Lawrence E., Park Ridge, Ill., assignor to Maxant Button & Supply Co., Apparatus for assembling of fabric articles, 2,324,064; July 13.

McDougal, Taine G., Flint, assignor to General Motors Corporation, Detroit, Mich., Spark plug and making same, 2,321,840; June 15.

McDougal, Taine G., and K. Schwartzwalder, Flint, assignors to General Motors Corporation, Detroit, Mich., Ceramic composition and article made therefrom, 2,308,092; Dec. 12.

McDougal, Taine G., and K. Schwartzwalder, Flint, assignors to General Motors Corporation, Detroit, Mich., Ceramic article and making same, 2,336,182; Dec. 7.

McDougal, Stanley W., assignor of one-third to J. Fox and one-third to R. S. Hooper, Kellogg, Idaho, Miner's drill carriage, 2,312,660; Mar. 2.

McDowell, Kenneth A., Chico, Calif., Fishing tackle, 2,333,096; June 29.

McDowell, Miles S., Lexington, Ky., Window guard, 2,323,097; June 29.

McDowell, Thomas E., assignor to The Pyle-National Company, Chicago, Ill., Airport runway clearance indicating system and light unit, 2,761,4; Dec. 28.

McDowell, Wendell H., (See Kenyon, W. O., and McDowell.)

McDowell, Wendell H., and W. O. Kenyon, assignors to Eastman Kodak Company, Rochester, N. Y., Resin and its preparation, 2,313,565; Mar. 9.

McEachron, Edgar J., W. H. Thom, G. H. Schroeder, and R. S. Johnson, assignors to Marathon Battery Company, Wausau, Wis., Cell construction, 2,332,456; Oct. 19.

McElderry, Donald, et al., (See Donahoe, Clarence M., assignor.)

McElderry, Frank R., et al., (See Donahoe, Clarence M., assignor.)

McElhane, James H., assignor to Wissahickon Plush Mills, Inc., Philadelphia, Pa., Plush and making the same, 2,319,073; May 11.

McElhinney, John H., assignor to Wheeling Steel Corporation, Wheeling, W. Va., Metal rolling, 2,325,190; July 27.

McElroy, John H., (See Tyler, H. C., and McElroy.)

McElwain, James J., assignor to Wheeling Stamping Company, Wheeling, W. Va., Apparatus for printing upon cylindrical objects, 2,331,991; Oct. 19.

McElwain, Joseph C., New York, N. Y., Package holder, 2,314,360; Mar. 23.

McEwen, Jack E., Detroit, Mich., Garment hanger, 2,315,267; Mar. 30.

McEwen, John., (See Selberg, J. P., Stamps, and McEwen.)

McEwen, John, Los Angeles, Calif., assignor to International-Stator Corporation, Columbus, Ohio, Portable derrick, 2,331,559; Oct. 12.

McEwen, John, and J. P. Selberg, Los Angeles, Calif., assignors to International-Stacey Corporation, Columbus, Ohio, Portable derrick, 2,331,558; Oct. 12.

McFadden, Benjamin C., assignor to Aluminum Company of America, Pittsburgh, Pa., Treating strip material, 2,313,320; May 4.

McFadden, Ross A., Hollywood, Calif., Hair curler, 2,317,929; Apr. 27.

McFadden, Ross, Hollywood, Calif., Barrette, 2,317,930; Apr. 27.

McFadden, Ross M., Los Angeles, and E. C. Thompson, North Hollywood, Calif.; said Thompson assignor to said McFadden, Hair roll foundation, 2,308,619; Jan. 19.

McFall, Carey, Company, (See Stuber, W. J., and Di Ienno, assignors.)

McFall, Thurlow E., Sparta, Mich., Piston ring, 2,334,570; Nov. 16.

McFall, Thurlow E., assignor to Michigan Artercraft Company, Sparta, Mich., Trip mechanism for table leaf brace, 2,316,447; Apr. 13.

McFall, Thurlow E., assignor to Michigan Artercraft Company, Sparta, Mich., Extension table, 2,316,448; Apr. 13.

McFalls, Irving H., Mount Vernon, assignor to Frank Pluse, New York, N. Y., Robot bowling device, 2,321,553; June 8.

McFalls, John A., (See Dawkins, Arthur S., assignor.)

McFalls, Richard J., and R. Herrington, assignors to Cluett, Peabody & Co., Inc., Troy, N. Y., Sewing machine attachment, 2,311,407; Feb. 16.

McFarland, Edwin J., Vulcan, Alberta, Canada, Driving and steering mechanism for automobiles, 2,318,245; May 4.

McFarland, Eldo, Sterling, Kans., Load lifting and dumping machine, 2,317,075; Apr. 20.

McFarland, Forest R., (See Griswold, W. R., and McFarland.)

McFarland, Forest R., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich., Motor vehicle, 2,323,340; July 6.

McFarland, Forest R., Huntington Woods, assignor to Packard Motor Car Company, Detroit, Mich., Motor vehicle, 2,324,713; July 20.

McFarland, George L., Jr., Scotia, N. Y., assignor to General Electric Company, Rheostat, 2,312,110; Feb. 23.

McFarlane, John W., and C. E. Moses, assignors to Eastman Kodak Company, Rochester, N. Y., Photographic estimating and calculating device, 2,322,044; June 15.

McFarlane, Leroy F., Arlington, Va., and W. A. Koves, Memphis, Tenn., assignors to Pitney Bowes Postage Meter Co., Stamford, Conn., Letter stop, 2,321,405; June 8.

McFarlane, William D., Ste. Anne de Bellevue, Quebec, and W. E. Parker, assignors to Oglvie Flour Mills Company Limited, Montreal, Quebec, Canada, Recovery of tocopherol (vitamin E) and valuable by-products from vegetable oils, 2,321,928; June 15.

McFarlin, John H., assignor to Electric Service Supplies Company, Philadelphia, Pa., Terminal construction for lightning arresters, 2,311,852; Feb. 23.

McFeaters, Harry L., New Castle, Pa., assignor to Pennsylvania Engineering Works, Screw box and cover for hot metal mixers, 2,334,019; Nov. 9.

McFeaters, Harry L., New Castle, Pa., assignor to Pennsylvania Engineering Works, Mixer type ladle, 2,335,781; Nov. 30.

McGall, Philip K., (See Mendelsohn, S., and McGall.)

McGall, Philip K., Orange, N. J., assignor to Johnson Laboratories, Inc., Chicago, Ill., Permeability tuner operating mechanism, 2,329,635; Sept. 14.

McGann, James H., (See Turner, H. C., and McGann.)

McGarr-Turner Company, (See McGarr, Walter J., assignor.)

McGarr, Walter J., assignor to McGarr-Turner Company, Cordele, Ga., Head fastener for dip barrels, 2,322,534; June 22.

McGavack, John., (See Linscott, C. E., and McGavack.)

McGaw, Foster G., Evanston, assignor to American Hospital Supply Corporation, Chicago, Ill., Container for and method of dispensing parenteral solutions, 2,328,569; Sept. 7.

McGee, John B., assignor to Hanlon Waters, Inc., Tulsa, Okla., Time cycle controller, 2,327,121; Aug. 17.

McGee, Francis V., (See McGee, Leland T., assignor.)

McGee, Joseph R., Los Angeles, Calif., Safety valve, 2,335,346; Nov. 30.

McGee, Leland T., assignor of one-half to F. V. McGee, Ripon, Calif., Scraper, 2,329,210; Sept. 14.

McGee, Curtis E., (See Bell, Keith L., assignor.)

McGibbon, William, Glasgow, Scotland, Apparatus for cleaning valves, 2,332,095; Oct. 19.

McGill, Chester T., Elgin, Ill., Multipoint lift-turn valve, 2,311,989; Feb. 23.

McGill, Chester T., assignor to Elgin Softener Corporation, Elgin, Ill., Proportional chemical feeder, 2,323,341; July 6.

McGill, Chester T., and O. F. Dubruel, assignors to Elgin Softener Corporation, Elgin, Ill., Automatic valve operating mechanism, 2,310,978; Feb. 16.

McGill, Daniel F., Multnomah, assignor to D. W. Green, Portland, Oreg., as trustee, Hydraulic transmission, 2,323,926; July 13.

McGill, John H., Debdale Park, Manchester, England, assignor to Imperial Chemical Industries Limited, Manufacture of leather cloth and similar coated fabrics, 2,319,074; May 11.

McGill Manufacturing Company, (See Popp, Rudolf, assignor.)

McGill Manufacturing Company, (See Popp, R., and Carlson, assignors.)

McGill Manufacturing Company, (See Storz, Otto, assignor.)

McGinley, James J., East Williston, N. Y., assignor to American Machine and Foundry Company, Bottle wrapping machine, 2,332,096; Oct. 19.

McGinnis, Walter R., assignor to York Ice Machinery Corporation, York, Pa., Absorption refrigeration system, 2,321,929; June 15.

- McGirr, Theodore B., New York, and T. G. McGirr, Brooklyn, N. Y. Transparent unbreakable nonrefillable container. 2,336,943; Dec. 14.
- McGirr, Theodore G. (See McGirr, Theodore B. and T. G.)
- McGlade, Wayne H., assignor to J. D. Adams Manufacturing Company, Indianapolis, Ind. Hauling scraper. 2,337,297; Dec. 21.
- McGlinchey, Lloyd F., Shaker Heights, Ohio, assignor to The American Steel and Wire Company. Treating steel. 2,310,703; Feb. 9.
- McGlohn, Francis W. (See Van Horn, O. F., Kinney, and McGlohn.)
- McGovern, Harold J., Rock Island, Ill. Pump for hydraulic systems. 2,337,831; Dec. 28.
- McGovern, Henry P., Marlboro, assignor to Dennison Manufacturing Company, Framingham, Mass. Jewelry case. 2,324,310; July 13.
- McGovern, Thomas L., Providence, R. I. Flier frame structure. 2,322,125; June 15.
- McGovern, Van A., and E. R. Gruchow, Waterloo, Wis. Control system. 2,324,940; July 20.
- McGowan, Edward R., Hyattsville, Md., dedicated to the free use of the people of the United States. Insecticide. 2,322,097; Oct. 19.
- McGowan, Harold, Central Islip, assignor of one-half to B. Raskin, Brightwaters, N. Y. Apparatus for forming one-piece plywood corner units. 2,324,714; July 20.
- McGowan, Harold, Central Islip, assignor of one-half to B. Raskin, Brightwaters, N. Y. One-piece plywood corner unit. 2,323,528; July 27.
- McGowan, Kenneth J. J., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Limiting the acceleration of machine elements. 2,309,252; Jan. 26.
- McGowan, Michael E. (See Moes, P. E., and McGowan.)
- McGrane, Norman M., Long Beach, assignor to Western Precipitation Corporation, Los Angeles, Calif. Dispersion mill. 2,313,556; Mar. 16.
- McGrann, John A. (See Maulsby, L. K., and McGrann.)
- McGrath, Herbert J., Bloomington, and J. M. Lammed, assignors to Wilson Engineering Corporation, Chicago, Ill. Blowoff cock. 2,317,546; Apr. 27.
- McGrath, William L. (See Miller, L. B., McGrath, and Haines.)
- McGrath, William L., Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,323,673; July 6.
- McGrath, William L., Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,329,636; Sept. 14.
- McGrath, William L., Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,330,725; Sept. 28.
- McGrath, William L., Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Dew point controller and dew point system. 2,334,327; Nov. 16.
- McGraw Electric Company. (See Anderson, Roy J., assignor.)
- McGraw Electric Company. (See Gomersall, John R., assignor.)
- McGraw Electric Company. (See Ireland, Murray, assignor.)
- McGraw Electric Company. (See Olving, Bror G., assignor.)
- McGraw Electric Company. (See Osterheld, Clark M., assignor.)
- McGraw Electric Company. (See Scharf, Frank W., assignor.)
- McGraw Electric Company. (See Willman, Philip E., assignor.)
- McGreevy, Dennis, New Orleans, La. Caliper. 2,315,806; Apr. 6.
- McGregor, Rob R., Swissvale, assignor to N. S. Garbisch, Butler, Pa. Manufacture of glass plates. 2,313,566; Mar. 9.
- McGregor, Thurman M. (See Culver, M. K., and McGregor.)
- McGrew, Frank C. (See Coffman, D. D., and McGrew.)
- McGrew, John A., Albany, N. Y. Lock washer. 2,313,658; Mar. 9.
- McGrew, Orville V., Chicago, Ill. Plastic bituminous insulating composition. 2,333,189; Nov. 2.
- McGuinness, James M., Worcester, Mass. Fire alarm gong apparatus. 2,318,005; May 4.
- McGuire, Frank, Jr., Chicago, Ill., assignor to The Linde Air Products Company. Heating method and apparatus. 2,309,128; Jan. 26.
- McGuire, Frank, Jr., Boca Raton, Fla., assignor to The Linde Air Products Company. Heat treating apparatus. 2,322,305; June 22.
- McGuire, John S., Kansas City, Kans., assignor to C. E. Hovey, Kansas City, Mo., as trustee. Repair parts for pipe lines. 2,307,148; Jan. 5.
- McHabee, R. R., assignor to Canadian Industries Limited, Montreal, Quebec, Canada. Purification and drying of chlorine gas. 2,318,512; May 4.
- McHarg, Leslie, Huntington, N. Y. Door. 2,322,377; June 22.
- McHugh, Stanley A. (See Kirby, G. W., Rasmussen and McHugh.)
- McIlvaine, Alexander, New York, N. Y. Safety ski binding. 2,308,333; Jan. 12.
- McIlvaine, Oran T. (See Whitecomb, P. E., and McIlvaine.)
- McIlvaine, Oran T., St. Charles, Ill. Electronic tube. 2,307,697; Jan. 5.
- McIlvaine, Oran T., St. Charles, Ill. Phonograph reproducing apparatus. 2,320,879; June 1.
- McIlvaine, Oran T., St. Charles, Ill. Phonograph pickup apparatus. 2,336,624; Dec. 14.
- McIlvried, Edwin J., Stow, assignor to The Vaughn Machinery Company, Cuyahoga, Ohio. Winding apparatus. 2,317,290; Apr. 20.
- McIlwain, Franklin H., Rushville, Ind. Combined twine holder and retractor. 2,318,513; May 4.
- McInnes, Dobbie, Limited. (See Beale, Evelyn S. L., assignor.)
- McIntire, Rogers W., Honolulu, Hawaii, assignor of one-half to D. C. Hart, Porterville, Calif. Riveting tool. 2,321,225; June 8.
- McIntosh, Alan H., and H. E. Pfaff, Hamilton, Ontario, Canada. Rubber product and producing same. 2,333,265; Nov. 2.
- McIntosh, Charles, Detroit, Mich. Superheater. 2,309,706; Feb. 2.
- McIntosh, Charles, Detroit, Mich. Superheater. Re. 2,386,130; Nov. 30.
- McIntosh, Robert D., River Forest, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Fitting guard for valves. 2,327,654; Aug. 24.
- McIntyre, Brouwer D., assignor to Monroe Auto Equipment Company, Monroe, Mich. Liner or spacer for leaf springs. 2,317,291; Apr. 20.
- McIntyre, Brouwer D., C. E. Read, Monroe, Mich., and J. E. Robo, Ohio, assignors to Monroe Auto Equipment Company, Monroe, Mich. Variable control shock absorber. 2,332,161; Oct. 19.
- McIntyre, Glenn H., Cleveland Heights, and M. J. Bahnsen, Lakewood, assignors to Ferro Enamel Corporation, Cleveland, Ohio. Opacifier and porcelain enamel containing the same. 2,319,247; May 18.
- McIntyre, Glenn H., Cleveland Heights, and E. E. Bryant, Bead, assignors to Ferro Enamel Corporation, Cleveland, Ohio. Porcelain enamel ground coat. 2,321,763; June 15.
- McIntyre, Hugh, Kirkland Lake, Ontario, Canada. Resilient tire. 2,336,878; Dec. 14.
- McIntyre, John T., assignor to Macard Screws, Limited, Johannesburg, Transvaal, Union of South Africa. Screw type fluid propelling apparatus. 2,320,733; June 1.
- McIntyre, Marion, Detroit, Mich. Tufting device. 2,317,914; Apr. 27.
- McIntyre, Ronald. (See Rollo, D., McIntyre, and Willmore.)
- McIntyre, William D., Monroe, J. M. Nickelsen, Ann Arbor, and C. E. Read, assignors to Monroe Auto Equipment Company, Monroe, Mich. Spring suspension for vehicles. 2,314,505; Mar. 23.
- McKaig, Albert S., Jr., New Orleans, La., assignor to Owens-Illinois Glass Company. Cotton dispenser. 2,317,102; Apr. 20.
- McKay, Augusta P., assignor to Rome Plow Company, Cedartown, Ga. Agricultural implement. 2,336,410; Dec. 7.
- McKay Machine Company. (See Johnston, Dwight A., assignor.)
- McKay, William R., Southgate, Calif., assignor of one-half to H. F. and H. N. Longlois. Automatic variable speed transmission mechanism. 2,321,226; June 8.
- McKays Company, The. (See Kaysen, Theodore, Jr., assignor.)
- McKean, Everett K. (See McKean, John H. and Everett K.)
- McKean, John H. and E. K., Alvin, Tex., assignors to Stanolind Oil and Gas Company, Tulsa, Okla. Scraper. 2,315,069; Mar. 30.
- McKeehnle, Ian C., assignor to Chrysler Corporation, Highland Park, Mich. Automobile air conditioning system. 2,311,953; Feb. 23.
- McKee Bros. Corporation. (See McKee, Glenn L., assignor.)
- McKee, Charles H., Chicago, Ill., assignor to Punch-Lok Machine Company. 2,312,575; Mar. 2.
- McKee, Chester W., assignor to Welding Service, Inc., Chicago, Ill. Dismantling and rebuilding steel tanks. 2,337,058; Dec. 21.
- McKee, Clara M. (See Rake, G. W., Shaffer, and McKee.)
- McKee, Earl A., and J. A. Schachtel, Chicago, Ill. Grease retainer puller and the like. 2,322,464; June 22.
- McKee Glass Company. (See Poglein, Louis, assignor.)
- McKee, Glenn L., assignor to McKee Bros. Corporation, Bakersfield, Calif. Band tightening device. 2,334,637; Nov. 16.
- McKee, Graydon S., Washington, W. M. Wilson, Beaver, and H. S. Johnson, Pittsburgh, Pa. Coccidiocide. 2,316,963; Apr. 20.
- McKee, James E. (See Shannon, J. W., Hathaway, and McKee.)
- McKee, John F., Lansdowne, assignor to Yarnall-Waring Company, Philadelphia, Pa. Steam trap. 2,328,986; Sept. 7.
- McKee, Ralph H., New York, N. Y. Recovery of cellulose and lignin from wood. 2,308,564; Jan. 19.
- McKee, Ralph W. (See Doisy, E. A., Thayer, Binkley, McKee, and MacCorquodale.)

- McKelvey, Garland, Annapolis, Md. Oarlock for sculling. 2,324,311; July 13.
- McKenrick, Charles, Edinburgh, Scotland. Combined dock and hot water spray and shampoo fitting. 2,325,333; July 27.
- McKenzie, Ezra et al. (See Donnelly, John F., assignor.)
- McKenna, Jay G., assignor to Safe Play Company, Inc., Elkhart, Ind. Closure. 2,328,659; Sept. 7.
- McKenna, M. W., et al., trustee. (See Odor, Ralph K., assignor.)
- McKenzie, M. W., et al., trustee. (See Odor, R. K., and assignor.)
- McKenzie, Olin G., Miami, Fla. Dental instrument. 2,327,203; Aug. 17.
- McKeown, John L., Winnetka, Ill. Game. 2,311,453; Feb. 16.
- McKeown, John L., Winnetka, Ill. Game. 2,324,941; July 20.
- McKesson & Robbins, Incorporated. (See Omohundro, L., and partner, assignor.)
- McKewen, John H. (See Schauer, L. L., and McKewen.)
- McKibbin, George L. (See Zoss, W. L., and McKibbin.)
- McKinn, Burton. (See Faison, L. L., and McKinn.)
- McKinney, Charles W., Erie, assignor to General Motors Corporation, Detroit, Mich. Blinker gauge. 2,325,415; July 27.
- McKinney, Charles W., Flint, Mich., and W. S. Brian, Owensboro, Ky., assignors to General Motors Corporation, Detroit, Mich. Ultraviolet tube. 2,336,183; Dec. 7.
- McKinney, Joseph B. (See Stevens, D. R., and McKinney.)
- McKinney, Charles E., Berger, Tex., assignor to Continental Carbon Company, Manufacturing carbon black. 2,309,070; Feb. 2.
- McKinney, Elsmere W., Cleveland, Ohio, assignor to The McKinney Tool and Manufacturing Company, Backlash prevention device. 2,311,677; Feb. 23.
- McKinney, Elsmere W., Cleveland, Ohio, assignor to The McKinney Tool and Manufacturing Company, Universal backlash prevention device. 2,328,732; Sept. 7.
- McKinney, Leonard L. (See Brother, G. H., and McKinney.)
- McKinney, Paul V. (See Chittick, M. B., and McKinney.)
- McKinney, Paul V. (See Wright, B. U., and McKinney.)
- McKinney, Paul V., and M. G. Mayberry, Pittsburgh, Pa., assignors to The Pure Oil Company, Chicago, Ill. Mastic composition and preparing same. 2,316,361; Apr. 26.
- McKinney Tool and Manufacturing Company, The. (See McKinney, L. W., assignor.)
- McKinney Tool and Manufacturing Company, The. (See McKinney, Elsmere W., assignor.)
- McKinnis Foods. (See McKinnis, Ronald B., assignor.)
- McKinnis, Ronald B. (See McKinnis, Ronald B., as assignor.)
- McKinnis, Ronald B., assignor to Sunshine Foods, Inc., Winter Haven, Fla. Control apparatus. 2,312,111; Feb. 23.
- McKinnis, Ronald B., assignor to Sunshine Foods, Inc., Winter Haven, Fla. Apparatus for treating foods. 2,316,094; Apr. 6.
- McKinnis, Ronald B., assignor, by mesne assignments, to R. B. McKinnis, doing business as McKinnis Foods, Winter Haven, Fla. Extracting. 2,318,178; May 4.
- McKinnis, Ronald B., assignor, by mesne assignments, to R. B. McKinnis, doing business as McKinnis Foods, Winter Haven, Fla. Control for bottom filling of containers. 2,319,075; May 11.
- McKinnis, Ronald B., assignor, by mesne assignments, to R. B. McKinnis, doing business as McKinnis Foods, Winter Haven, Fla. Conveyor. 2,323,147; June 29.
- McKinnis, Ronald B., assignor, by mesne assignments, to R. B. McKinnis, doing business as McKinnis Foods, Winter Haven, Fla. Filling method. 2,327,732; Aug. 24.
- McKinnis, Ronald B., assignor, by mesne assignments, to Ronald B. McKinnis, doing business as McKinnis Foods, Winter Haven, Fla. Apparatus for filling containers. 2,330,726; Sept. 28.
- McKinnis, Ronald B., assignor, by mesne assignments, to R. B. McKinnis, doing business as McKinnis Foods, Winter Haven, Fla. Treatment of fruit and vegetable juices. 2,332,098; Oct. 19.
- McKinnis, Ronald B., assignor, by mesne assignments, to R. B. McKinnis, doing business as McKinnis Foods, Winter Haven, Fla. Sterilizing closures for containers. 2,332,099; Oct. 19.
- McKinnis, Ronald B., assignor, by mesne assignments, to R. B. McKinnis, doing business as McKinnis Foods, Winter Haven, Fla. Apparatus for extracting juice from fruits and vegetables. 2,333,190; Nov. 2.
- McKinnis, Ronald B., assignor, by mesne assignments, to Ronald B. McKinnis, doing business as McKinnis Foods, Winter Haven, Fla. Extracting oil free juices. 2,334,783; Nov. 23.
- McKinnis, Ronald B., assignor, by mesne assignments, to R. B. McKinnis, doing business as McKinnis Foods, Winter Haven, Fla. Extracting oil free non-oxidized juice. 2,334,784; Dec. 2.
- McKinnon, Alexander E., Homewood, assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Rail car. 2,323,069; June 29.
- McKinnon, Columbus, Chain Corp. (See Parker, H. F., and Robins, assignors.)
- McKinnon Columbus Chain Corporation. (See Winter, Otto W., assignor.)
- McKnight, William C. (See Olpin, H. C., and McKnight.)
- McLachlan, Dan, Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Spectrometer for X-ray analysis. 2,317,329; Apr. 20.
- McLachlan, Dan, Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Projectometer. 2,332,391; Oct. 19.
- McLachlan, F. S., Co. (See Sunderman, F. R., and McAuley, assignors.)
- McLain Fire Brick Company, The. (See Turner, William A., assignor.)
- McLaren, Chester, Yuma, Ariz. Ice shaver and blower. 2,322,306; June 22.
- McLaren, Chester, Yuma, Ariz. Mobile field packing plant. 2,337,615; Dec. 28.
- McLaren, Frederick H., Munster, Ind., assignor to Standard Oil Company, Chicago, Ill. Lubricant. 2,316,086; Apr. 6.
- McLaren, George A., Jr. (See Pike, N. R., Kohn, and McLaren.)
- McLaren, Peter J., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Gear cam track and making same. 2,309,704; Feb. 2.
- McLaren, Peter J., New York, N. Y. Computing and registering. 2,322,767; June 29.
- McLaren, Ernest S., Manhasset, assignor to International Standard Electric Corporation, New York, N. Y. Drop wire support. 2,309,971; Feb. 2.
- McLaren, Ernest S., Manhasset, assignor to International Standard Electric Corporation, New York, N. Y. Sleeve connector. 2,316,267; Apr. 13.
- McLaren, Ernest S., Manhasset, assignor to International Standard Electric Corporation, New York, N. Y. Telephone cord connector. 2,312,970; Mar. 2.
- McLarty, Henry W. (See Hornsby, James R., assignor.)
- McLaughlin, Betty L. (See Page, John S., assignor.)
- McLaughlin, Charles W., Italy, Tex. Cotton duster attachment. 2,336,113; Dec. 7.
- McLaughlin, F. L. (See Howe, Earl E., assignor.)
- McLaughlin, Francis M., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Collapsible form. 2,325,001; July 20.
- McLaughlin, John J., assignor to Chicago Development Company, Chicago, Ill. Preparation of alloys from electrolytic manganese. 2,325,008; July 27.
- McLaughlin, William H., Summit, N. J., assignor to Radio Corporation of America, Electrical contact assembly for use in electron discharge devices. 2,323,148; June 29.
- McLaughlin, Kenneth M., Summit, N. J., assignor to Radio Corporation of America, Electrical connector. 2,324,166; July 13.
- McLaughlin, Michael J., Oeden, Utah, assignor to American Can Company, New York, N. Y. Can closing machine. 2,322,246; June 22.
- McLaughlin, Robert W., Jr., Bedford Village, assignor to American Houses, Inc., New York, N. Y. Building structure. 2,317,621; Apr. 27.
- McLaughlin, William, Los Angeles, Calif. Cover for class fixture holders. 2,319,621; May 16.
- McLaughlin, William H., and G. H. Rondal, Gary, Ind. Apparatus for operating on strip metal. 2,316,801; Apr. 20.
- McLean, Andrew, West Kilbride, Scotland, assignor to Imperial Chemical Industries Limited. Shaped articles made from vegetable seed proteins and making same. 2,319,009; May 11.
- McLean, Donald G., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Coupling. 2,309,200; Jan. 26.
- McLean, Lyle, Portland, Oreg. Apparatus for pneumatically recovering metals. 2,311,954; Feb. 23.
- McLean, Lyle, Portland, Oreg. Concentrator. 2,323,557; July 6.
- McLean, Red H. (See Coleman, Stephen L. C., assignor.)
- McLean, Robert E., Fort Benning, Ga. Rotary type can opener. 2,314,506; Mar. 23.
- McLean, William A., Geneva, N. Y. Mixing device. 2,319,821; May 25.
- McLean, William A., assignor to Geneva Processes, Inc., Geneva, N. Y. Mixing device. 2,313,760; Mar. 16.
- McLean, William A., assignor to Geneva Processes, Inc., Geneva, N. Y. High speed mill. 2,323,149; June 29.
- McLeish, Nancy. (See Crawford, J. W. C., and McLeish.)
- McLeish, William S. (See Gottwald, C., and McLeish.)
- McLemore, Price C., Montgomery, Ala. Cultivation of plants. 2,327,207; Aug. 17.
- McLemore, Price P., Jr., Greenwood, Miss. Tractor fan guard. 2,325,913; Aug. 3.
- McLennan, David W., Caldwell, N. J., assignor to General Electric Company, Air conditioning control system and apparatus. 2,314,232; Mar. 16.
- McLennan, Lester W., Richmond, and O. W. Neukom, Berkeley, assignors to Union Oil Company of California, Los Angeles, Calif. Hot neck grease. 2,319,076; May 11.
- McLeod, John H., assignor to Eastman Kodak Company, Rochester, N. Y. Sound reproduction. 2,308,015; Jan. 12.
- McLeod, John K., Buffalo, N. Y. Collision alarm. 2,319,010; May 11.

- McLendon, William F., Arlington, Va. Carburetor. 2,323,721; July 6.
- McLott, William E., Grand Rapids, Mich. Welding alloy. 2,310,104; Feb. 2.
- McLott, William C., Grand Rapids, Mich. Alloy. 2,321,227; June 8.
- McLoughlin, Harold F., Shenstone Court, near Lichfield, and W. E. Hill, Streely, England. Electric switch. 2,308,433; Jan. 12.
- McMahan, Eddy E., Los Angeles, Calif., and A. Charlebois, Bellingham, Wash.; said E. E. McMahan assignor to W. D. McMahan, Port Angeles, Wash. Mechanical poultry picker. Re. 2,232,323; May 25.
- McMahan, Kenton D., Schenectady, N. Y., assignor to General Electric Company. Centrifugal fan. 2,316,608; Apr. 13.
- McMahan, Kenton D., Scotia, N. Y., assignor to General Electric Company. Joining aluminum structures. 2,332,330; Oct. 19.
- McMahan, Roy F., Louisville, Ky. Metal bond box. 2,309,655; Feb. 2.
- McMahan, Thomas E., et al. (See Creighton, Thomas A., assignor.)
- McMahan, Ward D. (See McMahan, E. E., assignor and Charlebois.)
- McMahan, William W., assignor to Wingfoot Corporation, Akron, Ohio. Tire filling means. 2,320,042; May 25.
- McMahan, William W., assignor to Wingfoot Corporation, Akron, Ohio. Tire. 2,331,795; Oct. 12.
- McMahan, William W., assignor to Wingfoot Corporation, Akron, Ohio. Filling tires. 2,334,110; Nov. 9.
- McMahon, Edward M., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Stabilization of unsaturated ketones. 2,324,101; July 13.
- McMahon, George F., assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Arc extinguishing means. 2,325,416; July 27.
- McMahon, George F., assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Arc-extinguishing means. 2,328,825; Sept. 7.
- McMahon, John A., and E. D. Sydow, St. Louis, Mo. Heel building machine. 2,329,071; Sept. 7.
- McMahon, John A., and E. Sydow, St. Louis, Mo., assignors to John E. Mitchell Company, Dallas, Tex. Heel building machine. 2,336,739; Dec. 14.
- McMahon, John A., and E. D. Sydow, St. Louis, Mo., assignors to John E. Mitchell Company, Dallas, Tex. Heel building machine. 2,336,740; Dec. 14.
- McMahon, John H. (See Miller, A. W., and McMahon.)
- McMahon, Michael, South Gate, assignor of one-half to F. W. McRae, Los Angeles, Calif. Automatic shutoff valve. 2,327,055; Aug. 17.
- McMahon, Richard P. (See Cox, J. A., and McMahon.)
- McMahon, William F., Riverside, Calif. Wheelless four-tooths-in-one disk implement. 2,335,156; Nov. 23.
- McManamen, Thomas F., and L. White, Gillette, Wyo. Wheel. 2,330,133; Sept. 21.
- McManigal, Robert M., et al. (See Eubanks, Floyd G., assignor.)
- McManigal, Robert M., et al. (See Eubanks, Floyd G., assignor.)
- McMann, Margaret H. (See Kurzweil, Emily.)
- McManus, Charles E., Spring Lake, N. J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Container. 2,308,530; Jan. 19.
- McManus, Charles E., Spring Lake, N. J., and A. and E. A. Calleson, Merrick, N. Y., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Container. 2,337,616; Dec. 28.
- McManus, John A., Marblehead, and M. G. Higgins, Lynn, Mass. Pressure-sensitive tape. 2,323,342; July 6.
- McManus, Joseph S., St. Thomas, Ontario, Canada. Crosshead. 2,325,918; Sept. 7.
- McMaster, Archie J., assignor to G-M Laboratories, Inc., Chicago, Ill. Exposure meter. 2,308,469; Jan. 12.
- McMaster, Archie J., Deerfield, assignor to G-M Laboratories, Inc., Chicago, Ill. Three-position relay. 2,309,349; Jan. 26.
- McMaster, Archie J., Highland Park, assignor to G-M Laboratories, Inc., Chicago, Ill. Producing magnet structures. 2,320,632; June 1.
- McMaster, Archie J., Highland Park, assignor to G-M Laboratories, Inc., Chicago, Ill. D'Arsonval relay. 2,324,265; July 13.
- McMaster, James K., Springfield, Mass. Combination tool. 2,331,920; Oct. 19.
- McMenamin, Joseph, Philadelphia, Pa. Coffee percolator. 2,313,761; Mar. 16.
- McMenimen, Harry N. (See Bendon, H., and McMenimen.)
- McMillan, Andrew, assignor to Chain Belt Company, Milwaukee, Wis. Hopper for building mixers. 2,331,037; Oct. 5.
- McMillan, Cultum H., San Saba, Tex. Barrier release. 2,323,150; June 29.
- McMillan, Frank M. (See de Simó, M., and McMillan.)
- McMillan, Frank M. (See de Simó, M., McMillan and Cheney.)
- McMillan, Frank M. (See Thomas, S. B., and McMillan.)
- McMillan, Frank M., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Catalytic conversion apparatus. 2,310,907; Feb. 9.
- McMillan, Frank M., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Catalytic conversion process. 2,323,830; July 6.
- McMillan, Robert J. (See Waldrup, H. E., and McMillan.)
- McMillan, William B., Clayton, assignor to Hussman-Ligonier Company, St. Louis, Mo. Sliding door construction for display cabinets. 2,325,263; July 27.
- McMinn, Wiley W., Orange, N. J. Hollow tubular member. 2,316,349; Apr. 13.
- McMordie, James H. A. S., Arlington, and M. E. Wood, Wakefield, assignors to Dewey and Almy Chemical Company, North Cambridge, Mass. Drying apparatus. 2,334,721; Nov. 23.
- McMordie, James H. A. S., Arlington, and M. E. Wood, Wakefield, assignors to Dewey and Almy Chemical Company, North Cambridge, Mass. Print blanket washing apparatus. 2,335,782; Nov. 30.
- McMullen, Carlton L., West Hartford, Conn. Chime unit. 2,333,875; Nov. 9.
- McMullan, Charlie M. (See Swanger, Charles W., assignor.)
- McMullea, Earle W., Joplin, Mo., and D. J. Doan, assignors to The Eagle-Picher Lead Company, Cincinnati, Ohio. Composition of matter. 2,323,874; July 6.
- McMullen, John C., assignor to The Carborundum Company, Niagara Falls, N. Y. Refractory. 2,310,591; Feb. 9.
- McMullen, Joseph B., Washington, D. C. Vessel. 2,337,120; Dec. 21.
- McMullen, Joseph E., assignor to The Journal Company, Milwaukee, Wis. Gauge and setting the plate mounting mechanisms of printing press cylinders. 2,321,228; June 8.
- McMurray, Frederick R. (See Merrill, P. D., and McMurray.)
- McMurtrie, Uz. (See Buechek, John, assignor.)
- McMurtry, Edward A. (See Hvid, Rasmus M., assignor.)
- McMurtry, Edward A., Chicago, Ill. Steering apparatus. 2,334,343; Nov. 16.
- McMurtry, Edward A., Chicago, Ill. Power mechanism for steering apparatus and the like. 2,334,347; Nov. 16.
- McNab, Donald, St. Petersburg, Fla., assignor to Westinghouse Electric & Manufacturing Company. Uniting dissimilar materials and the product thereof. 2,333,622; Nov. 2.
- McNab, George, Woodbury, N. J., assignor to Socony Vacuum Oil Company Incorporated, New York, N. Y. Cutting machine. 2,323,875; July 6.
- McNab, John G. (See Lightbown, I. E., and McNab.)
- McNab, John G., Cranford, C. J. Wilson, and C. Winning, Westfield, N. J., assignors to Standard Oil Development Company. Lubricating composition. 2,335,017; Nov. 23.
- McNabb, Arthur E., Monessen, assignor to Pittsburgh Steel Company, Pittsburgh, Pa. Road guard. 2,326,547; Aug. 10.
- McNabb, Louis A., Evanston, assignor to The Bell & Howell Company, Chicago, Ill. Motion picture mechanism for projecting motion pictures. 2,333,728; Nov. 9.
- McNabb, Walter J., and W. R. Cochrane, Delhi, Calif. Mattress frame elevating and lowering mechanism for cribs. 2,326,379; Aug. 10.
- McNail, Howard P., Detroit, Mich. Dispensing cap for tooth powder containers. 2,336,409; Dec. 7.
- McNairy, Jacob W. (See MacDonald, C., McNairy, and Tritle.)
- McNally, James G. (See Dickey, J. B., and McNally.)
- McNally, James G., J. B. Dickey, Rochester, N. Y., and A. E. Gray, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Anthraquinone compound. 2,307,782; Jan. 12.
- McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring. 2,309,129; Jan. 26.
- McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Amino anthraquinones. 2,311,065; Feb. 16.
- McNally, James G., and D. R. Morey, assignors to Eastman Kodak Company, Rochester, N. Y. Producing cellulose derivative crepe yarns. 2,319,077; May 11.
- McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Aminophenol and its preparation. 2,319,078; May 11.
- McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Anthraquinone compound. 2,326,047; Aug. 3.
- McNally, James G., C. R. Fordyce, and R. H. Talbot, assignors to Eastman Kodak Company, Rochester, N. Y. Preparing polyvinyl acetal resins. 2,326,048; Aug. 3.
- McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and material colored therewith. 2,328,570; Sept. 7.
- McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo dye compounds. 2,336,275; Dec. 7.
- McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Anthraquinone compounds. 2,337,566; Dec. 28.
- McNairy, Paul A., Washington, D. C. Angle measuring instrument. 2,330,603; Sept. 28.

- McNamara, Gordon G., Jr., Chicago, Ill., assignor to International Harvester Company. Extensible reach for vehicles. 2,320,189; May 25.
- McNamara, Gordon G., Jr., Chicago, Ill., assignor to International Harvester Company. Vehicle. 2,330,299; Sept. 28.
- McNamara, Timothy L., Arlington Heights, and L. M. Henderson, Winnetka, assignors to The Pure Oil Company, Chicago, Ill. Method of removing weakly acidic bodies from hydrocarbon fluids. 2,316,965; Apr. 20.
- McNamara, Timothy L., Arlington Heights, and L. M. Henderson, Winnetka, assignors to The Pure Oil Company, Chicago, Ill. Removing organic acidic substances from hydrocarbon fluids. 2,316,966; Apr. 20.
- McNamara, Timothy L., Highland Park, assignor to The Pure Oil Company, Chicago, Ill. Removing weakly acidic sulphur compounds from hydrocarbon oil. 2,335,347; Nov. 30.
- McNamara, William L., and M. O. Combs, assignors to Anchor Hocking Glass Corporation, Lancaster, Ohio. Apparatus for burning oil glassware. 2,334,111; Nov. 5.
- McNamee, Raymond W. (See MacDowell, L. G., and McNamee.)
- McNatt, Eugene M., Tulsa, Okla., assignor to Standard Oil Development Company. Integrating gradiometer. 2,320,290; May 25.
- McNaughton, George C. (See Hunt, G. M., McNaughton, and Martin.)
- McNaughton, Harry H., Maryville, Tenn. Air conditioning furnace. 2,315,070; Mar. 30.
- McNeal, Donald L., Wilkingsburg, deceased; R. H. McNeal, executrix, assignor to The Westinghouse Air Brake Company, Wilkesburg, Pa. Brake control mechanism. 2,319,941; May 25.
- McNeal, James E., Towanda, Pa. Closure means for pipes. 2,331,487; Oct. 12.
- McNeal, Ruth, executrix. (See McNeal, Donald L.)
- McNealy, Eddins W., San Antonio, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Acid treating petroleum oils. 2,312,112; Feb. 23.
- McNeely, Lowell, Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,336,411; Dec. 7.
- McNeight, Samuel A. (See Reichert, J. S., and McNeight.)
- McNeight, Samuel A. (See Reichert, J. S., McNeight, and Secord.)
- McNell, Claude P. (See Wiley, E. G., Groshans, and McNell.)
- McNell, Donald, Sacramento, Calif. Bookstand. 2,337,075; Dec. 28.
- McNeil Machine & Engineering Company, The. (See Soderquist, Leslie E., assignor.)
- McNell, William M., Wheaton, assignor to United States Gypsum Company, Chicago, Ill. Wall construction. 2,321,304; June 8.
- McNeill, Albert, and L. N. Olsen, assignors to Bachman Brothers, Inc., Philadelphia, Pa. Combined goggles and goggles case. 2,307,319; Jan. 5.
- McNeill, Harry L., Denver, Colo. Classification method and apparatus. 2,315,536; Apr. 6.
- McNelly, Harry. (See Bolte, Brown, assignor.)
- McNicol, Forrest C. (See Evans, C. T., Harwood, and McNicol.)
- McNicol, Andrew G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Clock thermostat. 2,312,842; Mar. 2.
- McNiel, William M., Wheaton, assignor to United States Gypsum Company, Chicago, Ill. Tread construction. 2,322,985; June 29.
- McNitt, Robert J., Perth Amboy, N. J. Electrolytic cell for fused bath. 2,315,443; Mar. 30.
- McNulty, George M. (See Zimmer, J. C., and McNulty.)
- McNulty, John W., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser apparatus. 2,312,113; Feb. 23.
- McNutt, Homer E. (See Houghton, A. S., and McNutt.)
- McNutt, Louis C., Scotch Plains, N. J., assignor to M. W. Klogg Company, New York, N. Y. Scanning apparatus. 2,322,203; June 15.
- McOmie, Rulon W., Martinez, O. L. Davis, Oakland, and A. C. Nixon, assignors to Shell Development Company, San Francisco, Calif. Completely regenerating contaminated solvent solution. 2,337,262; Dec. 21.
- McPhail, Miyamoto, Honolulu, Territory of Hawaii, dedicated to the use of the people in the Territory of the United States. Insect lure. 2,307,844; Jan. 12.
- McPhee, Joseph A., Pittsburg, Calif. Game charting device. 2,321,692; June 15.
- McPherson, Ian, London, England. Apparatus for the hypodermic administration of gas. 2,337,347; Dec. 21.
- McQuade, John A., Lakewood, Ohio, assignor to Kemet Laboratories Company, Inc. Cleanup agents. Re. 2,332,742; June 6.
- McQuay-Norris Manufacturing Company. (See Bristow, Barnard C., assignor.)
- McQuay-Norris Manufacturing Company. (See Smith, Dallas M., assignor.)
- McQueen, David M. (See Dorough, G. L., and McQueen.)
- McQueen, David M. (See Kirby, J. E., and McQueen.)
- McQueen, David M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process and composition. 2,323,481; July 6.
- McQueen, Simon T. (See Davidson, A., Chapman, McQueen, and Payman.)
- McQuerry, James C., Wichita Falls, Tex. Armored ship construction. 2,308,820; Jan. 19.
- McQuillan, Robert T., East Orange, N. J. Clearance angle radius dressing attachment for surface grinding machines. 2,328,826; Sept. 7.
- McQuistan, Ronald, assignor to Automatic Currying & Dipping Machine Company, Pender, Nebr. Animal scratching device. 2,333,946; Nov. 9.
- McQuiston, Raymond C., West Newton, assignor to Tande Products Incorporated, Watertown, Mass. Manufacture of substitute leather. 2,327,540; Aug. 24.
- McRae, Daniel B., assignor to Eastman Kodak Company, Rochester, N. Y. Engraving machine. 2,327,811; Aug. 24.
- McRae, Don C., Miami Springs, Fla. Communication system. 2,317,547; Apr. 27.
- McRae, Fred W. (See McMahon, Michael, assignor.)
- McRae, James W., Neptune, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Negative feedback detector. 2,315,442; Mar. 30.
- McRoskey, Edward L., San Francisco, Calif. Mattress tuning machine. 2,336,741; Dec. 14.
- McShane, Phelan, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Variable voltage control system. 2,315,637; Apr. 6.
- McSween, William E., Cleveland, Ohio. Fluorescent light socket. 2,314,233; Mar. 16.
- McWane, Henry E., Lynchburg, Va. Metallic mold. 2,313,253; Mar. 9.
- McWane, Henry E., Lynchburg, Va. Mold construction. 2,315,071; Mar. 30.
- McWilliams, Charles W., Kearny, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Terminal bank. 2,337,397; Dec. 21.
- McWilliams, James B., assignor to Railway Maintenance Corporation, Pittsburgh, Pa. Track joint lubrication. 2,337,760; Dec. 28.
- Melzak, Charles. (See Schmidding, Gilbert T., assignor.)
- Meacham, Larned A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selection system. 2,317,471; Apr. 27.
- Meacham, Larned A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selection system. 2,326,478; Aug. 19.
- Meacham, Larned A., Summit, N. J., and C. V. Parker, Washington, D. C., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching system. 2,310,452; Feb. 9.
- Meacham, Benjamin E., and W. H. Frick, Cleveland, Ohio, assignors to American Stove Company, St. Louis, Mo. Cooking appliance. 2,321,500; June 8.
- Mead Corporation, The. (See Morris, D. F., and Growdon, assignors.)
- Mead Corporation, The. (See Whittemore, J. W., and Oberfell, assignors.)
- Mead, Edward D., Caldwell, N. J., and V. F. Miller, Queens Village, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,320,734; June 1.
- Mead, Elmer C., Scotia, and E. A. Ferris, Piedmont, assignors to The Pacific Lumber Company, San Francisco, Calif. Automatic length-selecting cutoff saw. 2,332,654; Oct. 26.
- Mead, Fred J., Orange, N. J., assignor to himself, and himself as trustee under the will of M. M. Mead, a partnership. Device for placing burial vaults and caskets. 2,307,420; Jan. 5.
- Mead, Homer A., Turlock, Calif. Sanitary drinking fountain. 2,320,530; June 1.
- Mead, John H., Jr., Scottsbluff, Nebr. Vaccinating syringe. 2,316,095; Apr. 6.
- Mead, Lawrence C., Whittier, Calif. Pipe wrench. 2,315,807; Apr. 6.
- Mead, Lydia, Moravia, N. Y. Brush and associated dispensing means for powder material. 2,312,108; Feb. 23.
- Mead, Margaret M. (See Mead, Fred J.)
- Mead, Milton S., Jr. (Mansfield, A. P., La Pierre, Janssen, and Mead, Jr.)
- Mead, Merle K., Pasadena, Calif. Escape construction for submarines. 2,324,167; July 13.
- Mead, Morris W., Jr., Bloomfield, and J. Lee, assignors of one-half to Hoffmann-La Roche, Inc., Nutley, N. J., and one-half to National Grain Yeast Corp. Production of yeast having high vitamin B₁ potency. 2,328,025; Aug. 31.
- Mead, Theodore E., Chicago, Ill. Sanding device. 2,313,254; Mar. 9.
- Meade, Harold W., Covington, Ind. Internal combustion engine control. 2,326,791; Aug. 17.
- Mende, John L., Gary, Ind., assignor to Paramount Textile Machine Co., Chicago, Ill. Making stockings. 2,332,738; Oct. 26.
- Meade, John N., Denver, Colo., assignor to Poor & Company, New York, N. Y. Insulated rail joint and insulation therefor. 2,315,444; Mar. 30.
- Meadows, James L., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Gasoline-insoluble grease. 2,334,274; Nov. 16.
- Meagher, Ralph. (See Bennett, W. H., and Meagher.)
- Meakin, Edgar N., San Francisco, Calif. Extrusion mill. 2,336,114; Dec. 7.

- Means, Dwight R., Wadsworth, Ohio, assignor to Pittsburgh Plate Glass Company, Alleghany County, Pa. Liquefaction of chlorine. 2,318,876; May 11.
- Mearig, Henry K., assignor to Armstrong Cork Company, Lancaster, Pa. Method and apparatus for the manufacture of cork composition. 2,317,331; Apr. 20.
- Mearl Corporation, The. (See Mattin, Harry E., assignor.)
- Mears Radio Hearing Device Corp. (See Merrill, Lawrence V., assignor.)
- Mears, Robert B. (See Brown, R. H., and Mears.)
- Mears, William T., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Bumper guard. 2,308,094; Jan. 12.
- Meats, William H., assignor to The Eagle Engineering Company Limited, Warwick, England. Trailer vehicle. 2,328,387; Aug. 31.
- Mecham, Dale K. (See Hutchinson, W. S., and Mecham.)
- Mechanical Die and Tool Company. (See Franzen, Ruben A., assignor.)
- Mechanical Handling Systems, Inc. (See Patterson, R. E., and Trueman, assignors.)
- Mechanical Research, Inc. (See Birdseye, Clarence, assignor.)
- Mechanics Engineering Company. (See Merriman, Henry H., assignor.)
- Meck, Harry L. (See Casavant, E., Osborne, and Meck.)
- Meckenstock, John W. (See Kumlin, G. C., and Meckenstock.)
- Meckler, Joseph G., Detroit, Mich. Overspray recovery process. 2,315,125; Mar. 30.
- Meckum Engineering, Inc. (See Kumlin, G. C., and Meckenstock, assignors.)
- Medaris, Charles E., Rockford, Ill. Osteopathic device and treatment. 2,335,290; Nov. 30.
- Medart Company, The. (See Brennan, Henry E., assignor.)
- Medcraft, Lee A., Fairgrove, Mich. Seed sorting machine. 2,314,593; Mar. 23.
- Medenwald, Arthur L., assignor to E. D. Spencer and G. R. Morris, copartners doing business as Spencer & Morris, Los Angeles, Calif. Under-drive for traveling cranes, monorails and the like. 2,317,689; Apr. 27.
- Medford Engineering Co. (See Tschirner, Frederick, assignor.)
- Medoff, Eunice N., administratrix. (See Nedbor, Samuel.)
- Medsker, Charles A., Cleveland Heights, Ohio, assignor to W. L. Ulmer. Making composite metal slabs. 2,323,666; July 6.
- Meduna, John F., Seattle, Wash., assignor to Metallizing Engineering Co., Inc., Long Island City, N. Y. Application of spray metal to metal surfaces. Re. 2,239,7; Nov. 30.
- Meduna, John F., Seattle, Wash., assignor to Metallizing Engineering Co., Inc., Long Island City, N. Y. Spray metal coated, metal surfaced article. Re. 2,239,8; Nov. 30.
- Meduna, John F., Seattle, Wash., assignor to Metallizing Engineering Co., Inc., Long Island City, N. Y. Application of spray metal to metal surfaces. 2,320,327; May 25.
- Meduna, John F., Seattle, Wash., assignor to Metallizing Engineering Co., Inc., Long Island City, N. Y. Application of spray metal to metal surfaced substantially cylindrical objects. 2,320,328; May 25.
- Meduna, John F., Seattle, Wash., assignor to Metallizing Engineering Co., Inc., Long Island City, N. Y. Spray metal coated, metal surfaced articles. 2,320,329; May 25.
- Medusa Portland Cement Company. (See Mooney, Philip, assignor.)
- Mechanite Metal Corporation. (See Cameron, Stuart L., assignor.)
- Meeder, Thomas W., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Headlight tester. 2,308,095; Jan. 12.
- Mechanite Metal Corporation. (See Kelly, Herbert W., assignor.)
- Meek, John B., Cleveland, Ohio. Removing corn from ears. 2,326,873; Aug. 17.
- Meek, John B., assignor to The Buckeye Forging Company, Cleveland, Ohio. Contactor. 2,327,656; Aug. 24.
- Meek, Sterner St. P., United States Army, Metuchen, N. J. Bullet. 2,319,248; May 18.
- Meese, Harry W., Meadville, Pa. Railroad ballast reshaper and subgrade cleaner. 2,323,343; July 6.
- Meeske, Charles J. (See Hovey, A. G., Hodgins and Meeske.)
- Meeson, Edwin L., Coventry, England. Diamond and the like cutting tool. 2,325,334; July 27.
- Meeson, Edwin L., and J. I. Londen, England. Grind-ink wheel dressing tool. 2,324,942; July 20.
- Meeson, John I. (See Messon, Edwin L. and J. I.)
- Meets-A-Need Manufacturing Company. (See Dickey, Roy N., assignor.)
- Mefford, Fred E., Colorado Springs, Colo. Metal trimming for overalls. 2,320,152; May 25.
- Megathlin, Ralph S. (See Miller, L. G., and Megathlin.)
- Megow, George E., South Milwaukee, assignor to Allen-Bradley Company, Milwaukee, Wis. Making electrical resistors. 2,307,288; Jan. 5.
- Mehan, Thomas O., Park Ridge, Ill. Ribbon mechanism. 2,329,129; Sept. 7.
- Melhart, Virgil E., and A. P. Mazzucchelli, Bloomfield, N. J., assignors to Bakelite Corporation. Oil-modified composition and its preparation. 2,312,431; Mar. 2.
- Mehl, Fred J., et al. (See Tripp, L. R., and Opperd, assignors.)
- Mehl, Fred J., assignor of thirty-seven and one-half per cent to U. G. Charles and twenty-five per cent to G. C. Boling, Wichita, Kans. Safety razor. 2,323,881; July 6.
- Mehl, Fred J., assignor of thirty-seven and one-half per cent to U. G. Charles and twenty-five per cent to G. C. Boling, Wichita, Kans. Safety razor. 2,327,363; Aug. 24.
- Mehler, Hugo, Churchville, Pa. Fringe. 2,316,350; Apr. 13.
- Mehler, Ludwig. (See Reichle, A., and Mehler.)
- Mehlman, Joseph, Los Angeles, Calif. Ink roll construction. 2,327,122; Aug. 17.
- Meldert, Friedrich. (See von Leibitz-Piwnicki, H., and Meldert.)
- Meier, Fred, Chicago, Ill. Bit for lifting tongs. 2,326,962; Aug. 17.
- Meier, Henry J., Chicago, Ill. Boiler feed water conditioning equipment and method. 2,312,570; Mar. 2.
- Meier, Ida L., Philadelphia, Pa. Manufacture of dental crowns. 2,317,103; Apr. 20.
- Meier, Julian C., Detroit, Mich. Gear cutting machine. 2,325,696; Aug. 3.
- Meier, Karl H., assignor to A. E. Herzer, Zurich, Switzerland. Frame antenna arrangement. 2,314,234; Mar. 16.
- Meikle, James L., et al. (See Price, Albert O., assignor.)
- Meincke, Edward. (See Bucknam, J. H., Meincke, and Eiselgroth.)
- Meincke, Edward. (See Doyle, E. A., Meincke, and Meisner.)
- Meincke, Edward. (See Thompson, I. P., and Meincke.)
- Meincke, William H., White Plains, N. Y. Reproducing apparatus. 2,330,134; Sept. 21.
- Meincke, William H., White Plains, N. Y. Recording apparatus. 2,330,135; Sept. 21.
- Meincke & Company. (See Johnson, Edward, assignor.)
- Meinert, Richard. (See Lindemann, W. C., and Meinert.)
- Meinhardt, Maxine E., assignor to H. M. Melvin, Los Angeles, Calif. Rock crusher and disintegrator. 2,314,414; Mar. 23.
- Meinzer, Carl F., Brighton, assignor to W. L. Caldwell, Birmingham, Ala. Method and apparatus for forming granulated slag. 2,308,769; Jan. 19.
- Meisenburg, Kurt, and I. Dennstedt, Leverkusen I. G. Werk, and E. Zaucker, Halle-on-the-Saale, Germany, vested in the Alien Property Custodian. Emulsion polymerization of halogen-2-butadienes-1,3. 2,321,693; June 15.
- Meiser, Kenneth D. (See Dearing, W. C., and Meiser.)
- Meiser, Wilhelm. (See Morschel, H., and Meiser.)
- Messner, Kurt. (See Neugebauer, F., Franz, Decher, and Messner.)
- Meister, George. (See Marden, J. W., and Meister.)
- Meister, George, Newark, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Seal and method of manufacture. 2,330,072; Sept. 21.
- Meister, Julius A., assignor to Mathews Conveyor Company, Millwood City, Pa. Trolley conveyor. 2,323,722; July 6.
- Meitzner, Haakon, Houston, Tex. Lawn mower. 2,319,425; May 18.
- Mejdrich, May F., Chicago, Ill. Faucet coupling. 2,326,479; Aug. 10.
- Mejean, Jacques G., Geneva, Switzerland, assignor, by mesne assignment to General Aircraft Equipment, Inc., South Norwalk, Conn. Recharging system for rapid firing guns. 2,329,925; Sept. 21.
- Mekelburg, Harold L. (See Hunter, R. B., and Mekelburg.)
- Mekler, Lev A., Washington, D. C., assignor to Universal Oil Products Company, Chicago, Ill. Reactor. 2,326,879; Dec. 14.
- Melcher, Valentine, Jackson Heights, N. Y., and J. H. Curtis, Trenton, Mich., assignors to The Lummus Company, New York, N. Y. Refining hydrocarbons. 2,321,841; June 15.
- Melas, William. (See Bennett, W. C., and Melas.)
- Melcher, Lee W., Oconomowoc, assignor to Waukesha Motor Company, Waukesha, Wis. Electric control system for engine generator units. 2,307,845; Jan. 12.
- Melchert, Charles A., assignor to General Vender Mfg. Co., Kansas City, Mo. Selective bottle vending equipment. 2,308,989; Jan. 19.
- Melchior, Oscar G. (See Jewell, J. W., and Melchior.)
- Meldahl, Axel, Ennetbaden, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Turbine nozzle ring. 2,331,076; Oct. 5.
- Meldahl, Axel, Ennetbaden, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Lubricator. 2,335,598; Nov. 30.
- Meldrum, Roy W., St. Paul, Minn. Christmas tree stand. 2,337,914; Dec. 28.
- Melgaard, Thomas L. (See Cohen, S. A., and Melgaard.)
- Melick, John M., Cresskill, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Contact spring pile-up for coin collector telephones. 2,329,283; Sept. 14.
- Meller, August. (See Jones, W. F., Jr., and Meller.)

- Meller, Reginald. (See Holmes, D. H., and Meller.)
 Meller, Reginald B., Oakland, Calif. Merchandise holder. 2,331,088; Oct. 5.
 Mellett, Dana S., Upper Darby, Pa., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Desalting crude. 2,319,188; May 11.
 Mellett, Dana S., Dearborn, Mich., and G. W. Robbins, Ardmore, Pa., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Gas utilization. 2,316,744; Apr. 13.
 Melling, Joseph, Frenchwood, Preston, England. Hoist. 2,332,331; Oct. 19.
 Mellon, Herbert D., Canton, Ohio. Lathe toolholder. 2,308,990; Jan. 19.
 Mellon Institute of Industrial Research, trustee. (See Hodze, Wilford W., assignor.)
 Melloer Bromley & Co. Limited. (See Bromley, T. C., and Shortland, assignor.)
 Melloer, Clarence H. (See Black, L. F., and Melloer.)
 Melloer, Lewis L., Evanston, assignor to The Bell & Howell Company, Chicago, Ill. Optical system. 2,317,790; Apr. 27.
 Meloy, Arthur S., Jr. (See Zonis, S., and Meloy.)
 Melsom, Walter A., Willesden Junction, London, assignor to Bowden (Engineers) Limited, London, England. Coupling. 2,310,250; Feb. 9.
 Melsom, Walter A., assignor to Bowden (Engineers) Limited, London, England. Coupling. 2,310,490; Feb. 9.
 Melsom, Walter A., Willesden Junction, London, assignor to Bowden (Engineers) Limited, London, England. Connecting hose coupling components. 2,310,536; Feb. 9.
 Melsom, Walter A., assignor to Bowden (Engineers) Limited, London, England. Flexible hose coupling. 2,314,800; Mar. 30.
 Melster, Gottfried. (See Voigt, A., and Melster.)
 Melton, Jesse T. (See Kelly, M. R., and Melton.)
 Melton, Romie L. (See Ball, A. L., Benner, and Melton.)
 Melton, Romie L. (See Benner, R. C., and Melton.)
 Melton, Romie L., Niagara Falls, A. L. Ball, Lewiston, and R. C. Benner, assignors to The Carborundum Company, Niagara Falls, N. Y. Manufacture of abrasive articles. 2,307,098; Jan. 5.
 Melton, Romie L., and R. C. Benner, assignors to The Carborundum Company, Niagara Falls, N. Y. Manufacture of abrasive materials. 2,334,572; Nov. 16.
 Melup, Solomon, New York, N. Y. Gas mask. 2,308,991; Jan. 19.
 Melup, Solomon, New York, N. Y. Manufacturing gas masks. 2,330,073; Sept. 21.
 Melvin, Betty M. (See Baur, R. A., and Melvin.)
 Melvin, Hallie M. (See Melnhardt, Maude E., assignor.)
 Melvin, John L., et al., executors. (See Miller, Samuel.)
 Melzer, Julius, Bellaire, assignor to American Can Company, New York, N. Y. Conveyor. 2,316,177; Apr. 13.
 Memovox, Incorporated. (See Rieber, Frank, assignor.)
 Memovox, Inc. (See Rieber, Frank, assignor.)
 Memphis Paper Co. (See Poe, George V., assignor.)
 Menard, Louis C., and C. V. Seibert, Louisville, Ky., assignors to Ingersoll-Rand Company, New York, N. Y. Electric control apparatus. 2,332,827; Oct. 26.
 Mench, John W. (See Salo, M., and Mench.)
 Mendel, Alfred, New York, N. Y. Finger stall, catheter, sheath, or the like. 2,326,159; Aug. 10.
 Mendelsohn, Louis H., Paterson, N. J. Stocking. 2,308,196; Jan. 19.
 Mendelsohn, Louis H., Paterson, N. J. Knitting machine. 2,320,634; June 1.
 Mendelsohn, Samuel, Montclair, N. J. Photoflash synchronizer. Re. 2,233,8; June 22.
 Mendelsohn, Samuel, Montclair, and P. K. McGill, Orange, N. J.; said McGill assignor to said Mendelsohn. Camera synchronizer. 2,328,831; Sept. 7.
 Mendelsohn, Samuel, Montclair, and P. K. McGill, Orange, N. J.; said McGill, assignor to said Mendelsohn. Testing device for camera synchronizers. 2,332,587; Oct. 26.
 Mendenhall, Earl. (See Johnson, C. E., Mendenhall, and Palm.)
 Mendenhall, Henry W., Chicago, Ill., assignor, by mesne assignments, to Standard Knitting Mills, Inc. Garment. 2,308,329; Jan. 12.
 Mendez Corporation. (See Surré, Anning F., assignor.)
 Mendez, Raymond, New York, N. Y. Envelope. 2,336,025; Dec. 7.
 Meneray, Wallace E., Orlando, Fla. Bean grader and spreader. 2,307,529; Jan. 5.
 Menger, Adolf, and E. Bock, Krefeld-Uerdingen, Germany; vested in the Alien Property Custodian. Adhesion. 2,323,831; July 6.
 Menger, Adolf, and E. Bock, Krefeld-Uerdingen, Germany; vested in the Alien Property Custodian. Shaped body and preparing the same. 2,337,915; Dec. 28.
 Menger, Francis B., Manheim Township, Lancaster county, and L. E. Gaenzle, assignors to Armstrong Cork Company, Lancaster, Pa. Apparatus for the extrusion of cork. 2,307,055; Jan. 5.
 Menzle, Glenn A., assignor to Brockway Glass Company, Inc., Brockway, Pa. Process and apparatus for sanitizing glassware. 2,321,152; June 8.
 Menkin, Burnett, New York, N. Y. Blanking and forming die. 2,331,490; Oct. 12.
 Menkin, Burnett, New York, N. Y. Blanking and forming die. 2,331,491; Oct. 12.
 Menneceer, Maurice, San Fernando, Trinidad, British West Indies, assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Gun fire control apparatus. 2,317,238; Apr. 20.
 Mennesson, Marcel, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Operative fluid delivery control device. 2,313,002; Mar. 2.
 Mensenkamp, Carlton B., assignor to Micro Switch Corporation, Freeport, Ill. Electric switch construction. 2,331,997; Oct. 19.
 Mensing, Carl E. (See King, V. L., Mensing, and Felch.)
 Mentessau, Philip, and A. Giordano, Brooklyn, N. Y. Wall form tie. 2,329,550; Sept. 14.
 Mentley, Max B., assignor to National Broach & Machine Company, Detroit, Mich. Gear finishing. 2,318,179; May 4.
 Mentley, Max B., assignor to National Broach & Machine Company, Detroit, Mich. Broach. 2,320,787; June 1.
 Mentley, Max B., assignor to National Broach & Machine Company, Detroit, Mich. Gear finishing tool. 2,329,284; Sept. 14.
 Menzel, Friedrich, Stuttgart, Germany; vested in the Alien Property Custodian. Electric regulating system. 2,310,857; Feb. 9.
 Menzer, Anton, Brooklyn, N. Y. Universal measuring indicator. 2,322,951; June 29.
 Menzies, William E., and C. J. Werner, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Motor control. 2,317,630; Apr. 27.
 Menzi, Leon, Crestwood, assignor to Mario Co., New York, N. Y. Tool head. 2,334,276; Nov. 16.
 Meras, Halford F., Exeter, N. H. Partially carbonized sheet for use with post card and using the (partially carbonized) sheet and post card together. 2,323,832; July 6.
 Mercantile-Commercia Bank and Trust Company, et al., trustees. (See Johnston, Harry, assignor.)
 Mercer, William M., Avenal, Calif. Gasoline and oil vapor pressure controller. 2,310,979; Feb. 16.
 Merchant, Donald R., assignor to St. Paul Hydraulic Hoist Company, Minneapolis, Minn. Dump truck hoist mechanism. 2,321,106; June 8.
 Merchut, John S., Cuyahoga Falls, Ohio. Bearing. 2,321,803; July 20.
 Merchen, Glen G., Yardley, Wash. Scale-controlled recording and indicating machine. 2,331,710; Oct. 12.
 Mercier, Jean, Paris, France; vested in the Alien Property Custodian. Wheel. 2,308,879; Jan. 12.
 Mercier, Jean, Paris, France; vested in the Alien Property Custodian. Hydraulic motor. 2,308,880; Jan. 12.
 Mercier, Jean, Paris, France; vested in the Alien Property Custodian. Brake mechanism. 2,310,802; Feb. 9.
 Mercier, Jean, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Control of two or more concomitant devices. 2,312,432; Mar. 2.
 Mercier, Jean, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Deformable or elastic accumulator. 2,317,395; Apr. 27.
 Mercier, Jean, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Emergency device for hydraulic control systems. 2,323,927; July 13.
 Mercier, Jean, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Pump. 2,324,524; July 20.
 Mercier, Jean, Neuilly-sur-Seine, France; vested in the Alien Property Custodian. Storage device. 2,331,921; Oct. 19.
 Mercier, Pierre E., Westport, Conn. Labyrinth joint or coupling. 2,318,006; May 4.
 Mercier, Pierre E., New York, N. Y., assignor to Helldeda S. A., Geneva, Switzerland. Aircraft propeller drive. 2,322,247; June 22.
 Mercil, Elmer J., Oak Park, Ill., assignor to Mercil Plating Equipment Company, Chicago, Ill. Plating tank. 2,328,162; Aug. 31.
 Mercil Plating Equipment Company. (See Mercil, Elmer J., assignor.)
 Merck & Co. (See Finkelstein, Jacob, assignor.)
 Merck & Co. (See Harris, Stanton A., assignor.)
 Merck & Co. (See Harris, S. A., and Folkers, assignors.)
 Merck & Co., et al. (See Kane, J. H., Finlay, and Amann, assignors.)
 Merck & Co. (See King, T. L., and Butler, assignors.)
 Merck & Co. (See Lauer, Ethan E., assignor.)
 Merck & Co., Inc. (See Major, R. T., and Bonnett, assignors.)
 Merck & Co. (See Ruigh, William L., assignor.)
 Merck & Co. (See Stiller, Eric T., assignor.)
 Merck & Co. (See Tishler, Max., assignor.)
 Merck & Co. (See Tishler, M., and Christman, assignors.)
 Merck & Co. (See Tishler, M., and Wondler, assignors.)
 Merck & Co. (See Treacy, Cyril S., assignor.)
 Merck & Co., et al. (See Waksman, Selman A., assignor.)
 Merco Centrifugal Co. (See Peltzer, Albert, assignor.)
 Merco Centrifugal Company. (See Peltzer, Albert and Albert, Jr., assignors.)
 Merco-Nordstrom Valve Company. (See Atkinson, S. H., and Graham, assignors.)

- Merco Nordstrom Valve Company. (See Nordstrom, Sven J., assignor.)
- Mercur, Dave, Pittsburgh, Pa. Apparatus for inspection of contaminated glass articles. 2,335,686; Nov. 30.
- Mercury Manufacturing Company, The. (See Milz, H. E., and Sichman, assignors.)
- Merdan, Alexander, New York, N. Y. Motor antifreeze device. 2,326,050; Aug. 3.
- Meredith, Frederick W., assignor to S. Smith & Sons (Motor Accessories) Limited, London, England. Automatic control apparatus for aircraft. 2,307,941; Jan. 12.
- Meredith, Frederick W., assignor to S. Smith & Sons (Motor Accessories) Limited, Cricklewood, London, England. Resilient diaphragm pressure operated device. 2,319,011; May 11.
- Meredith, Frederick W., assignor to S. Smith & Sons (Motor Accessories) Limited, London, England. Automatic steering control for aircraft. 2,323,151; June 23.
- Meredith, Frederick W., assignor to S. Smith & Sons (Motor Accessories) Limited, Cricklewood, London, England. Locating and fastening means. 2,324,224; July 13.
- Meredith, Frederick W., assignor to S. Smith & Sons (Motor Accessories) Limited, London, England. Fluid driven gyroscope. 2,325,530; July 27.
- Meredith, Frederick W., assignor to S. Smith & Sons (Motor accessories) Limited, Cricklewood, London, England. Hydraulic apparatus. 2,334,115; Nov. 9.
- Meredith, Frederick W., London, assignor to S. Smith & Sons (Motor accessories) Limited, Cricklewood, London, England. Directional gyroscope. 2,334,116; Nov. 9.
- Meredith, Frederick W., and F. H. Owens, London, England, assignors to S. Smith & Sons (Motor Accessories) Limited, Cricklewood, London, England. Shock-withstanding bearing. 2,330,729; Sept. 28.
- Meredith, Grover E., Jonesboro, and C. W. Davis, Summitville, Ind., assignors to The Mantle Lamp Company of America, Chicago, Ill. Timing mechanism. 2,308,705; Jan. 19.
- Meredith, Grover E., Jonesboro, and C. W. Davis, Summitville, Ind., assignors to The Mantle Lamp Company of America, Chicago, Ill. Transfer ring for molding purposes. 2,328,662; Sept. 7.
- Mergenthaler Linotype Company. (See Allison, George W., assignor.)
- Mergenthaler Linotype Company. (See Burt, Harold A., assignor.)
- Mergenthaler Linotype Company. (See Plastaras, James C., assignor.)
- Meriam Company, The. (See Hejduk, Arthur A., assignor.)
- Merleola, Francis C., and H. F. Rodrick, assignors, by mesne assignments, to Wyndotte Chemicals Corporation, Wyandotte, Mich. Manufacture of high test bleach. 2,320,635; June 1.
- Merridith, George H., Cleveland, Ohio, assignor to General Electric Company. Coated radiation emitting bulb. 2,337,485; Dec. 21.
- Merit Engineering Inc. (See Stevenson, Robert, assignor.)
- Merit Engineering, Inc. (See Stevenson, R., and Keema, assignors.)
- Merk, George S., Flushing, N. Y. Bag frame. 2,326,304; Aug. 10.
- Merkel, Joseph F., assignor to General Railway Signal Company, Rochester, N. Y. Control machine for switch and signal control systems. 2,317,472; Apr. 27.
- Merkent, Meta, New York, N. Y. Garment. 2,334,498; Nov. 16.
- Merkner, Herman, assignor to Pressed Steel Tank Company, Milwaukee, Wis. Oxygen supply apparatus. 2,311,955; Feb. 23.
- Merkl, Ernest, Portland, Oreg. Pruning hook. 2,312,766; Mar. 2.
- Merkle, Ralph S., Emporium, Pa., assignor to Sylvania Electric Products Inc. Radio tube holder and extractor. 2,320,043; May 25.
- Merle, Joseph M., Pittsburgh, Pa. Metal product produced directly from molten metal. 2,307,939; Jan. 12.
- Mero, Ralph M. (See Pearson, P. E., and Mero.)
- Mero, Ralph M., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Machine for welding keys to can ends. 2,338,002; Dec. 28.
- Merola, Ciro, Bayonne, N. J. Garment with adjustable collar. 2,316,802; Apr. 20.
- Merolle, Augustus L., assignor to Empire Metal Cap Co. Inc., Brooklyn, N. Y. Sheet metal container. 2,313,161; Mar. 9.
- Merolle, Augustus L., assignor to Empire Metal Cap Company, Brooklyn, N. Y. Closure. 2,326,480; Aug. 10.
- Merrell, Wm. S., Company, The. (See Shelton, R. S., and Van Campen, assignors.)
- Merrick, De Witt D., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cable structure. 2,322,375; June 22.
- Merridith, William K., Sappho, Wash. Girder for timber bridges. 2,333,327; Nov. 2.
- Merrifield, John D., Rocky Ford, Colo. Automatic weighing machine. 2,314,654; Mar. 23.
- Merrill, August, administrator. (See Bullard, H. A., and Bradshaw.)
- Merrill Company, The. (See Mills, L. D. Crowe, and Byler, assignors.)
- Merrill, Donald G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for handling and tempering glass. 2,309,325; Jan. 26.
- Merrill, Donald G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Lehr. 2,330,984; Oct. 5.
- Merrill, Donald G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Lehr for glassware. 2,335,128; Nov. 23.
- Merrill, Donald G., West Roxbury, assignor to United Drug Company, Boston, Mass. Cough drop. 2,325,529; July 27.
- Merrill, Frank W. (See Killam, K. A., and Merrill.)
- Merrill, Frank W., Fort Wayne, Ind., assignor to General Electric Company. Dynamoelectric machine. 2,307,785; Jan. 12.
- Merrill, Frank W., Fort Wayne, Ind., assignor to General Electric Company. Speed governor. 2,311,409; Feb. 16.
- Merrill, Fred B., Jackson, Miss. Cap for foundation vents. 2,328,288; Aug. 31.
- Merrill, Frederick D., Jr., Millburn Township, Essex County, assignor to Miessner Inventions, Inc., Harding Township, Morris County, N. J. Method and apparatus for the production of music. 2,323,231; June 29.
- Merrill, Lawrence V., Brooklyn, assignor to Mears Radio Hearing Device Corp., New York, N. Y. Battery pack. 2,333,028; Oct. 26.
- Merrill, Leland H., Alameda, assignor to Golden State Company, Ltd., San Francisco, Calif. Milk bottle shield. 2,333,328; Nov. 2.
- Merrill, Leslie M., et al., trustee. (See Ljungström, Fredrik, assignor.)
- Merrill, Leslie M., trustee, et al. (See Lysholm, A., and Boestad, assignor.)
- Merrill, Patterson D., assignor to M. B. Skinner Company, South Bend, Ind. Gasket retaining ring. 2,323,482; July 6.
- Merrill, Patterson D., and F. R. McMurray, assignors to M. B. Skinner Company, South Bend, Ind. Sealing pipe leaks. 2,325,417; July 27.
- Merriam Hat Corporation. (See Neely, Le Baron W., assignor.)
- Merriman, Henry H., assignor to Mechanics Engineering Company, Jackson, Mich. Wrench. 2,320,044; May 25.
- Merriam, Paul H., Riderwood, assignor to The Glenn L. Martin Company, Middle River, Md. Electrically operated dimpling attachment. 2,328,919; Sept. 7.
- Meritt, George E. (See Brichie, A., Hurley, and Meritt.)
- Merritt, Robert W., Los Angeles, Calif. Dispensing attachment for packages. 2,335,291; Nov. 30.
- Merrow, John G. (See Kuehnell, William J., assignor.)
- Merta, George M., Los Angeles, Calif. Cup-making machine. 2,321,407; June 8.
- Merten, Eugen, Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Hydraulic drilling device. 2,325,264; July 27.
- Mertens, Andreas, Dusseldorf-Benrath, Germany, assignor, by mesne assignments, to The Procter & Gamble Company, Cincinnati, Ohio. Producing washing, cleansing, bleaching, and rinsing agents containing percompounds. 2,308,992; Jan. 12.
- Mertens, Willi, Berlin-Zehlendorf, Germany; vested in the Alien Property Custodian. Producing coatings. 2,325,531; July 27.
- Mertz, Pierre, Bellerose, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,307,728; Jan. 5.
- Mertz, Pierre, Bellerose, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Two-way television transmission. 2,308,381; Jan. 12.
- Mervis, Harry W., assignor to Capitol Renewable Fuse Company, Pittsburgh, Pa. Renewable electrical fuse. 2,320,231; Sept. 28.
- Merwin, Harry H., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Signal handling apparatus. 2,321,096; June 3.
- Merz, Mas, assignor to Mill & Mine Supply, Incorporated, Seattle, Wash. Mercury feeder. 2,322,866; June 29.
- Meschter, Emery, Milltown, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Reducing bath for color photography and using the same. 2,310,980; Feb. 16.
- Meschter, Emory, Milltown, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Reversal process of color photography. 2,310,981; Feb. 16.
- Meschter, Emory, Milltown, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic reversal process of producing dye images without reexposure. 2,310,982; Feb. 16.
- Mesinger, Frederick, Mount Vernon, N. Y. Cycle saddle. 2,318,246; May 4.
- Mesinger, Henry, Mount Vernon, N. Y. Cycle saddle. 2,331,213; Oct. 5.
- Messenger, Robert W., Salisbury, Md. Sheet and producing same for the economical production of blanks. 2,335,292; Nov. 30.

- Messer, William E., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Accelerator of vulcanization. 2,321,305; June 8.
- Messer, William E., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Accelerator of vulcanization. 2,321,306; June 8.
- Messer, William E., Cheshire, Conn., assignor to United States Rubber Company, New York, N. Y. Accelerator of vulcanization. 2,335,429; Nov. 30.
- Messner, Homer J., New Bedford, Mass. Container. 2,322,535; June 22.
- Messner, Rudolph J., (See Daudelin, J. B., and Messner.)
- Messina, Anthony N., New York, N. Y. Lock. 2,307,940; Jan. 12.
- Messing, Joseph A., (See Frank, W. H., and Messing.)
- Messing, Joseph A., assignor to Bulldog Electric Products Company, Detroit, Mich. Connector. 2,309,972; Feb. 2.
- Messinger, William, Philadelphia, Pa. Electric salt bath furnace. 2,336,412; Dec. 7.
- Messner, Daryl, assignor of one-half to R. H. Killebrew, Des Moines, Iowa. Supercharger for motor motors. 2,312,661; Mar. 2.
- Messner, Maximilian, (See Schantl, E., and Messner.)
- Messner, Maximilian, Berlin, Germany; vested in the Alien Property Custodian. Cathode ray tube. 2,330,004; Sept. 28.
- Mesta Machine Company, (See Fisk, Gustaf L., assignor.)
- Mesta Machine Company, (See Fisk, G. L., assignor) and Peterson.)
- Mesta Machine Company, (See Iversen, L., and Waldschütz, assignors.)
- Meston, Archibald F., Bound Brook, N. J., assignor to Research Corporation, New York, N. Y. Electrical precipitator. 2,313,389; Mar. 9.
- Metal Carbides Corporation, (See De Bats, Jean H. L., assignor.)
- Metal Carbides Corporation, (See Ritz, John A., assignor.)
- Metal Craft Manufacturing Company, (See Enley, John T., assignor.)
- Metal Textile Corporation, (See Goodloe, Alfred M., assignor.)
- Metal Textile Corporation, (See Hartwell, Ralf L., assignor.)
- Metal Textile Corporation, (See Kingman, Russell B., assignor.)
- Metal & Thermit Corporation, (See Deppeler, John H., assignor.)
- Metal & Thermit Corporation, (See Staley, H. F., and Danielson, assignors.)
- Metal Tube Shaping Corporation, (See Darner, F. M., and Dewey, C. L., and S. L., assignors.)
- Metalastik Limited, (See Goldschmidt, Max, assignor.)
- Metallizing Engineering Co., (See Medina, John F., assignor.)
- Metallizing Engineering Company, Inc. (See Shepard, Arthur P., assignor.)
- Metallite Corporation, (See Salmi, Vaino A., assignor.)
- Metals & Controls Corporation, (See Bolesky, John D., assignor.)
- Metals & Controls Corporation, (See Kurtz, Edward F., assignor.)
- Metals & Controls Corporation, (See Ottmar, Jerome, assignor.)
- Metals & Controls Corporation, (See Vaughan, Victor G., assignor.)
- Metals & Controls Corporation, (See Vaughan, V. G., and Bolesky, assignors.)
- Metalwash Machinery Company, (See Zademach, Erich R., assignor.)
- Metcalf, Andrew J., Ashland, Wis. Oil filter. 2,323,152; June 29.
- Metcalf, Arthur G. B., Milton, Mass., assignor to North American Holding Corporation, Syracuse, N. Y. Grading machine. 2,315,868; Apr. 6.
- Metcalf, Arthur G. B., Milton, Mass., assignor to North American Holding Corporation, Syracuse, N. Y. Grading machine. 2,325,011; July 20.
- Metcalf, Arthur G. B., Milton, Mass., assignor to North American Holding Corporation, Syracuse, N. Y. Grading machine. 2,327,283; Aug. 17.
- Metcalf, Herbert E., (See Hoover, H. Jr., and Metcalf.)
- Metcalf, Herbert E., (See Hotchner, H., and Metcalf.)
- Metcalf, Walter W., Hoosick Falls, assignor to Stevens & Thompson Paper Company, Greenwich, N. Y. Dish. 2,336,494; Dec. 14.
- Method, Harold S., East Chicago, Ind., assignor to Inland Steel Company, Chicago, Ill. Apparatus for operating on sheet material. 2,315,976; Apr. 6.
- Methox Well Cleaning Corp., (See Johnson, Jack, assignor.)
- Methvin, Wilbur E., Lawrenceburg, Tenn. Torpedo guard for ships. 2,321,842; June 15.
- Metropolitan Device Corporation, (See Rypinski, Albert B., assignor.)
- Metropolitan Paving Brick Company, The, (See Sever, D. R., and Renkert, assignors.)
- Metting, William, Morrisville, Pa. Portable tool for cutting patterns. 2,307,464; Jan. 5.
- Mettler, Hal C., (See Babo, A. G., and Mettler.)
- Metz, Lawrence A., (See Allen, G. E., Metz and Sharpe.)
- Metz, Samuel T., New York, N. Y. Corset. 2,335,430; Nov. 30.
- Metzger, Henry L., assignor to Fort Orange Paper Company, Castleton-on-Hudson, N. Y. Bottle carrier. 2,334,638; Nov. 16.
- Metzger, Reinhardt, F., Glendale, Long Island, N. Y. Eyeglass. 2,316,096; Apr. 6.
- Metzger, William J., Euclid, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Coupler mounting. 2,329,285; Sept. 14.
- Metzger, William J., Euclid, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Centering device for car couplers. 2,336,948; Dec. 14.
- Metzner, Albert W., (See Ratchford, R. G., and Metzner.)
- Metzner, Albert W., (See Sherman, J. O., and Metzner.)
- Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Plu wheel feed. 2,300,656; Feb. 2.
- Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Autographic register. 2,311,678; Feb. 23.
- Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Autographic register. 2,331,336; Oct. 12.
- Metzner, Albert W., assignor to The Standard Register Company, Dayton, Ohio. Autographic register. 2,336,495; Dec. 14.
- Metzner, Loyde H., (See Weinstein, D. H., and Metzner.)
- Meyer, George J., assignor to Custer-Hamm, Inc., Milwaukee, Wis. Electric snap switch. 2,326,874; Aug. 17.
- Meulendyke, Charles E., Rochester, N. Y. Producing a lacquer or varnish resist. 2,318,322; May 4.
- Meusch, Charles C., Buffalo, N. Y. Spring suspension for furniture. 2,314,361; Mar. 23.
- Mehl, George G., New York, N. Y. Game board. 2,327,314; Aug. 17.
- Mewes, Rudolf, (See Heylandt, C. W. P., Mewes, Pomut, and Baer.)
- Meyer, Albert W., (See Baty, J. A., and Meyer.)
- Meyer, August A., Maywood, Ill. Composition for pre-serving cut flowers. 2,317,631; Apr. 27.
- Meyer, Arthur A., South Beloit, Ill. Method of and machine for reproducing pattern contours. 2,331,337; Oct. 12.
- Meyer, Charles, Yonkers, assignor to Bartmann & Bixler Inc., New York, N. Y. Photoelectric control device. 2,312,182; Feb. 23.
- Meyer, Charles, Yonkers, N. Y., assignor to Bartmann & Bixler Inc., New York, N. Y. Apparatus to control the flow of gas. 2,332,104; Oct. 19.
- Meyer, Charles A. F., New York, N. Y. Hose reinforcement inserting apparatus. 2,329,286; Sept. 14.
- Meyer, Edward B., Cleveland, Ohio. Implement handling mechanism. 2,324,635; July 20.
- Meyer, Engelbert A., assignor to General Motors Corporation, Detroit, Mich. Molding retaining clip. 2,311,140; Feb. 16.
- Meyer, Frank A., (See Gabalis, J. J., and Meyer.)
- Meyer, Frank W., East St. Louis, Ill. Fence post. 2,337,263; Dec. 21.
- Meyer, Fred C., (See Bennett, C. E., and Meyer.)
- Meyer, Geo. J., Manufacturing Company, (See Meyer, George J., assignor.)
- Meyer, Geo. J., Manufacturing Company, (See Meyer, G. J., Steckling and Classen, assignors.)
- Meyer, George J., Milwaukee, assignor to Geo. J. Meyer Manufacturing Company, Cudahy, Wis. Air cylinder apparatus for bottle filling machines. 2,320,373; June 1.
- Meyer, George J., Milwaukee, assignor to Geo. J. Meyer Manufacturing Co., Cudahy, Wis. Saturator. 2,326,243; Aug. 10.
- Meyer, George J., Milwaukee, Wis. Bottle lifter spindle mechanism. 2,329,407; Sept. 14.
- Meyer, George J., Milwaukee, assignor to Geo. J. Meyer Manufacturing Company, Cudahy, Wis. Pasteurizing apparatus. 2,333,544; Nov. 2.
- Meyer, George J., Milwaukee, assignor to Geo. J. Meyer Manufacturing Company, Cudahy, Wis. Bottle filling machine. 2,333,545; Nov. 2.
- Meyer, George J., C. Steckling, Jr., and F. J. Classen, Milwaukee, assignors to Geo. J. Meyer Manufacturing Company, Cudahy, Wis. Bottle feeding mechanism. 2,324,312; July 13.
- Meyer, George W., (See Dewey, D. B., and Meyer.)
- Meyer, Gustav, 2,316,272; Apr. 6.
- Meyer, Gustav, Friedrichshafen-on-the-Bodensee, Germany; vested in the Alien Property Custodian. Device for operating change speed gears in motor vehicles. 2,312,433; Mar. 2.
- Meyer, Gustav, Friedrichshafen-on-the-Bodensee, Germany; vested in the Alien Property Custodian. Change speed gear. 2,323,070; June 29.
- Meyer, Hans, assignor to Aktien-Gesellschaft Brown, Boveri & Cie, Baden, Switzerland. Arrangement for reducing equalizing oscillations. 2,312,571; Mar. 2.
- Meyer, Harvey E., Kansas City, Mo. Battery hold-down. 2,326,481; Aug. 10.
- Meyer, Henry C. A., Syracuse, N. Y., and A. Erlanger, Elizabeth, N. Y., assignors to United States Hoffman Manufacturing Corporation, New York, N. Y. Flow control system for washing machines. 2,334,831; Nov. 23.
- Meyer, Henry C. A., and E. R. Clark, Syracuse, assignors to United States Hoffman Manufacturing Corporation, New York, N. Y. Flatwork ironer. 2,334,832; Nov. 23.

- Meyer, Henry F., University Heights, assignor to Har-
ris-Seybold Patent Company, Cleveland, Ohio. Ink
fountain. 2,328,990; Sept. 7.
- Meyer, John, assignor of one-half to F. M. Hutchinson,
Glendale, Calif. Vise. 2,333,114; Nov. 2.
- Meyer, John J., Ephrata, Wash. Runner attachment for
Meyer, John W. (See Crow, M. W., and Meyer.)
- Meyer, Joseph E., assignor to C. B. Cottrell & Sons Com-
pany, Westerly, R. I. Sheet and signature handling
mechanism. 2,318,953; May 11.
- Meyer, Joseph E., assignor to C. B. Cottrell & Sons Com-
pany, Westerly, R. I. Sheet collecting and folding
mechanism for printing presses. 2,335,431; Nov. 30.
- Meyer, Joseph J., and F. A. Jones, assignors to G. H.
Specialty Company, Milwaukee, Wis. Quilting frame.
2,318,877; May 11.
- Meyer, Karl, (See Schaller, P., Froelcke, Meyer, Roelen,
and Luben.)
- Meyer, Leo J., assignor to The Champion Pecan Machine
Company, San Antonio, Tex. Machine for washing
and steaming edible nuts. 2,330,605; Sept. 28.
- Meyer, Lester W. A., and F. R. Conklin, Kingsport, Tenn.,
assignors to Eastman Kodak Company, Rochester, N. Y.
Cellulose ester composition. 2,337,340; Dec. 21.
- Meyer, Ludwig, and F. Klein, Dessau, Germany, vested
in the Alien Property Custodian. Heater. 2,316,273;
Apr. 13.
- Meyer, Maximilian C., (See Higgins, Edward, assignor.)
- Meyer, Maximilian C., Brooklyn, N. Y. Bottle display
device. 2,319,249; May 18.
- Meyer, Maximilian C., assignor to Duralon Products, Inc.,
Brooklyn, N. Y. Reinforcement of plastic containers.
2,335,293; Nov. 30.
- Meyer, Maximilian C., Brooklyn, N. Y. Making spherical
articles. 2,335,294; Nov. 30.
- Meyer, Merle H., Waterbury, Conn., assignor to National
Gypsum Company, Tape and cement applying ma-
chine. 2,328,571; Sept. 7.
- Meyer, Milton S., Wellington, New Zealand, assignor to
Wingfoot Corporation, Wilmington, Del. Package
opening means. 2,308,197; Jan. 12.
- Meyer, Percival E., Westfield, assignor to Cortland
Grinding Wheels Corporation, Chester, Mass. Seg-
mental grinding wheel. 2,337,632; Jan. 5.
- Meyer, Peter A., R. College Point, Long Island, N. Y.
Carburetor. 2,333,030; Oct. 26.
- Meyer, Raymond B., (See Gehardt, L. A., and Meyer.)
- Meyer, Walter R., (See Groome, W. F., and Meyer.)
- Meyer, Walter R., assignor to The R. K. Le Blond Machine
Tool Company, Cincinnati, Ohio. Spindle control
mechanism. 2,330,985; Oct. 5.
- Meyer, Walter R., assignor to The R. K. Le Blond Machine
Tool Company, Cincinnati, Ohio. Crankshaft chuck.
2,334,639; Nov. 16.
- Meyer, Walter W., Arlington Heights, assignor to Rotary
Seal Company, Chicago, Ill. Seal. 2,322,867; June 29.
- Meyer, Walter W., Arlington Heights, assignor to Rotary
Seal Company, Chicago, Ill. Sealed coupling.
2,331,615; Oct. 12.
- Meyer, Wendel J., (See Hawkins, F. W., and Meyer.)
- Meyer, Willard A., Manaroneck, N. Y., and F. E. Beck,
Joliet, Ill., assignors to American Can Company.
Coating machine. 2,330,834; Oct. 5.
- Meyer, William, (See Krone, H. C., and Meyer.)
- Meyer, William, East Orange, assignor to A. W. Wheaton
Brass Works, Newark, N. J. Hose coupling. 2,324,792;
July 20.
- Meyer, William, East Orange, assignor to Wheaton Brass
Works, Newark, N. J. Cable connector. 2,329,998;
Sept. 21.
- Meyershans, August, Hieden, near Baden, and R. Schürli,
assignors to Aktiengesellschaft Brown, Boveri & Cie,
Baden, Switzerland. High voltage transformer.
2,337,916; Dec. 28.
- Meyershans, Robert H., West Caldwell, N. J., assignor to
General Electric Company. Air conditioning appara-
tus. 2,324,313; July 13.
- Meyershoefer, Carl E., assignor to E. A. Laboratories,
Inc., Brooklyn, N. Y. Heater. 2,312,767; Mar. 2.
- Meyershoefer, Carl E., Brooklyn, W. C. Ballard, Jr.,
Ithaca, N. Y., and J. H. Smoot, Darien, Conn., as-
signors to E. A. Laboratories, Inc., Brooklyn, N. Y.
Heater. 2,324,010; July 13.
- Meyers, Henry C., Irwin, assignor to Westinghouse Elec-
tric & Manufacturing Company, East Pittsburgh, Pa.
Vapor electric device. 2,313,957; Mar. 16.
- Meyers, Joe W., (See Weddle, J. P., and Meyers.)
- Meyers, Michael, Gary, Ind. Sheet catcher. 2,325,418;
July 27.
- Meyers, Otto B., Quakertown, Pa., assignor to Markem
Machine Company, Keene, N. H. Type wheel for mark-
ing machines. 2,310,644; Feb. 9.
- Meyers, Otto B., Quakertown, Pa. Film feeding mecha-
nism for moving picture cameras and projectors.
2,325,335; July 27.
- Meyers, Roy L., Janesville, Wis. Separator disk scrubbing
machine. 2,311,066; Feb. 16.
- Michael, Clement W., assignor to The Massy Harris Com-
pany, Keokuk, Wis. Lath implement for truck.
2,332,806; Oct. 26.
- Michael, George A., Boston, Mass., assignor to Sylvania
Electric Products Inc. Coating glass tubes. 2,337,524;
Dec. 21.
- Michael, John H., West Allis, assignor to Allis-Chalmers
Manufacturing Company, Milwaukee, Wis. Control
system. 2,336,616; Nov. 2.
- Michael, John H., West Allis, and T. G. A. Sillers,
Wauwatosa, assignors to Allis-Chalmers Manufac-
turing Company, Milwaukee, Wis. Travel limiting device.
2,320,741; June 1.
- Michael, Rudolph D., Blacksburg, Va. Boundary line
marker for grass badminton courts. 2,311,243; Feb.
16.
- Michael, Wilhelm, Ludwigshafen-on-the-Rhine, Otto
Goehre, Heidelberg, Gerhard Free and Wilhelm v.
Fuener, Ludwigshafen-on-the-Rhine, and Wilhelm
Schneider, Mannheim, Germany; vested in the Alien
Property Custodian. Thermal treatment of carbo-
naceous material. 2,331,338; Oct. 12.
- Michaels, Walter, Brussels-Forest, Belgium, assignor, by
mesne assignments, to Chromogen, Incorporated.
Photographic material for taking color photographs.
2,316,803; Apr. 20.
- Michaels, Walter, Brussels-Forest, Belgium, assignor,
by mesne assignments, to Chromogen, Incorporated.
Light-sensitive material. 2,318,007; May 4.
- Michaels, Walter, Brussels-Forest, Belgium, assignor, by
mesne assignments, to Chromogen, Incorporated. Pro-
cess and article for use in the manufacture of com-
bined picture and sound films. 2,320,005; May 25.
- Michaels, Walter, Brussels-Forest, Belgium, assignor, by
mesne assignments, to Chromogen, Incorporated. Pro-
cess and material for printing photographic
images. 2,331,492; Oct. 12.
- Michaels, Walter, Brussels-Forest, Belgium, assignor, by
mesne assignments, to Chromogen, Incorporated. Pho-
tographic printing process. 2,336,560; Dec. 14.
- Michaels, Edwin B., (See Yven, E. J., and Michaels.)
- Michaels, Frank L., Fort Thomas, Ky. Parking meter.
2,311,242; Feb. 16.
- Michaels, Frank L., Fort Thomas, Ky. Automatic parking
meter. 2,329,926; Sept. 21.
- Michailovsky, Nicholas M., Westport, Conn. Driving
light. 2,336,413; Dec. 7.
- Michalke, Frieda, née Parnow, Berlin, Germany; vested
in the Alien Property Custodian. Covering convertible
into a bag. 2,315,126; Mar. 30.
- Michael, Fritz, and H. Haarhoff, Munster, Germany, as-
signors to Boehringer Corporation, New York, N. Y.
Preparation of oxy-tetracic acids. 2,314,946; Mar. 30.
- Michel, David, assignor to Rothmoor Corporation, Chi-
cago, Ill. Garment with detachable neckpiece.
2,319,875; May 25.
- Michel, Philip C., (See Ford, W. A., and Michel.)
- Michel, Philip C., Schenectady, N. Y., assignor to Gen-
eral Electric Company. Counter circuit. 2,310,105;
Feb. 2.
- Michel, Philip C., Schenectady, N. Y., assignor to General
Electric Company. Electronic switch. 2,324,314;
July 13.
- Michelat, Léon, Pamiers, France; vested in the Alien Prop-
erty Custodian. Gas removing device for electric fur-
naces. 2,334,275; Nov. 16.
- Michelsink, Henry A., (See Lewis, Edward.)
- Michelfelder, Louis E., (See Cone, H. M., Jr., Bourret
and Michelfelder.)
- Michelman, Nathan, Brooklyn, N. Y. Closure for build-
ing constructions. 2,327,315; Aug. 17.
- Michelman, Nathan, Brooklyn, N. Y. Door construction.
2,327,316; Aug. 17.
- Michelsen, William O., (See Handley, G. F., and Michel-
sen.)
- Michelsen, William O., Woodhaven, assignor to Royal
Typewriter Company, Inc., New York, N. Y. Type-
writing machine. 2,307,942; Jan. 12.
- Michelson, John S., et al. (See Bloodgood, Alonzo J.,
assignor.)
- Michigan Artercraft Company. (See McFall, Thurlow E.,
assignor.)
- Michigan Desk Company. (See Cox, Dudley A., as-
signor.)
- Michigan Fluorescent Fixture Company. (See Giles,
E. J., and Nummer, assignors.)
- Michigan Maple Block Company. (See Schmitt, Fred-
erick J., Jr., assignor.)
- Michigan Paper Corporation. (See Main, D. W., and
Hirsch, assignors.)
- Michigan Research Laboratories, Inc. (See Erickson,
D. R., and Thoma, assignors.)
- Michigan State Board of Agriculture. (See Henderson,
Earl W., assignor.)
- Michigan, the State of, as represented by the Secretary
of State, and/or his successors. (See Wiedenhoef-
er, Edgar P., assignor.)
- Michigan Tool Company. (See Christensen, Harold V.,
assignor.)
- Michigan Tool Company. (See Drader, Joseph C., as-
signor.)
- Michigan Tool Company. (See Palmquist, Per O. E., as-
signor.)
- Michigan Tool Company. (See Pelphrey, Harry, as-
signor.)
- Mick, John J., Needham, and R. E. McCurdy, Wellesley,
Mass., assignors to The B. F. Goodrich Company, New
York, N. Y. Acid resistant containers. 2,317,076;
Apr. 20.
- Mickelson, Arthur J., (See Graves, C. R., and Mickle-
son.)

- Mickey, Bruce D., Schenectady, N. Y., assignor to General Electric Company. Dynamo circuit. 2,308,993; Jan. 19.
- Mickey, Bruce D., Schenectady, N. Y., assignor to General Electric Company. Motor control system. 2,308,994; Jan. 19.
- Mickler, Arnold P., Orlando, Fla. Locking mechanism for vehicle doors. 2,312,352; Mar. 2.
- Micro Musical Products Corp. (See Spivak, Charles, assignor.)
- Micro Switch Corporation. (See Mensekamp, Carlton B., assignor.)
- Micro Switch Corporation. (See Riche, Arthur L., assignor.)
- Micromatic Hone Corporation. (See Connor, Kirke W., assignor.)
- Micromatic Hone Corporation. (See Connor, K. W., and assignor.)
- Micromatic Hone Corporation. (See Harris, William H., Jr., assignor.)
- Micromatic Hone Corporation. (See Kline, John E., assignor.)
- Micromatic Hone Corporation. (See Peden, Douglas T., assignor.)
- Micromatic Hone Corporation. (See Whitaker, Harry M., assignor.)
- Mieha, George R., Seattle, Wash. Jet propulsion engine. 2,319,149; May 11.
- Mida, Lucia G., Chicago, Ill. Blackout. 2,317,074; Apr. 20.
- Mid Continent Petroleum Corporation. (See Dons, E. M., and Mauro, assignors.)
- Middlebrook, William R. (See Phillips, H., and Middlebrook.)
- Middlecoff, Lucille H., Memphis, Tenn. Brassière pads. 2,332,434; Nov. 2.
- Middlehitch, Livingston, Beverly Hills, Calif. Recording system. 2,309,857; Feb. 2.
- Middleton, Edmund B., Woodbridge, and A. B. Jennings, New Brunswick, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic composition containing asymmetrical diacylacet-polyamino-aryldes and color development processes. 2,319,426; May 18.
- Middleton, Edmund B., Woodbridge, and G. A. Dawson, Stetson, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of alpha and beta isomers. 2,330,791; Sept. 28.
- Middleton, Leon, Outaque, Tex. Area measuring device. 2,327,657; Aug. 24.
- Middleton, Leslie H., Toledo, Ohio. Battery filling vent. 2,328,223; Aug. 31.
- Midgett, Rollie L., San Antonio, Tex. Automatic well test seal. 2,313,762; Mar. 16.
- Midland Machine Corporation. (See Glasner, Rudolph W., assignor.)
- Midland Steel Products Company, The. (See Almond, John R., assignor.)
- Midland Steel Products Company, The. (See Kasper, Cass S., assignor.)
- Midland Steel Products Company, The. (See Knudsen, Alex W., assignor.)
- Midland Steel Products Company, The. (See Niemezschneider, Ernest, assignor.)
- Midland Steel Products Company, The. (See Rylander, Andrew E., assignor.)
- Midland Steel Products Company, The. (See Smith, William E., assignor.)
- Mid-States Gummed Paper Co. (See Humphrey, Ferdinand W., assignor.)
- Midulla, Joseph B., and Joseph D. (See Niemezyski, B. J., Midulla, Joseph B., and Joseph D.)
- Midvale Company, The. (See Frevert, H. L., and Foley, assignors.)
- Midway Chemical Co. (See Domenk, Paul J., assignor.)
- Mid-West Abrasive Company. (See Hoskin, W. S., and Wolfshlager, assignors.)
- Mid-West Abrasive Company. (See Kemp, Frederick H., assignor.)
- Mid-West Hydro-Pierce, Inc. (See Hartsock, G. M., and Rounds, assignors.)
- Midworth, Cyril, assignor to Evershed & Vignoles Limited, Chiswick, London, England. Electrical measuring instrument. 2,313,352; Mar. 9.
- Miedel, Hermann. (See Jaenicke, J., Knoop, Miedel, and Schweitzer.)
- Miedel, Hermann. (See Knoop, H., and Miedel.)
- Mieg, Walter, Opladen, and F. Wieners, Cologne-Stammheim, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Manufacturing of leuco esters. 2,307,893; Jan. 12.
- Miehle Printing Press & Manufacturing Company. (See Grossarth, Albert A., assignor.)
- Miehle Printing Press & Manufacturing Company. (See Stevens, Hart D., assignor.)
- Mieras, Merritt A., Redford Township, Wayne County, assignor to Industrial Wire Cloth Products Company, Wayne, Mich. Combined air cleaner and silencer. 2,316,527; Apr. 13.
- Mierley, George M., Upper Darby, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Locomotive gear casing sealing device. 2,327,205; Aug. 17.
- Miers, Archie M. (See Janeway, R. N., and Miers.)
- Mieson, Augustus, San Francisco, Calif. Protector for plants and the like. 2,326,511; Aug. 10.
- Miescher, Karl, Riehen, and A. Wettstein, Basel, Switzerland, assignors, by mesne assignments, to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Side chain ketones of the cyclopentanopolycyclohexanethrene series and making same. 2,309,408; Jan. 26.
- Miescher, Karl, Riehen, and A. Wettstein, Basel, Switzerland, assignors, by mesne assignments, to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Derivatives of the cyclopentanopolycyclohexanethrene series and process of making same. 2,310,150; Feb. 2.
- Miescher, Karl, Riehen, and A. Wettstein, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Saturated and unsaturated 17-hydroxy androstanes, their derivatives and substitution products, and making same. 2,311,067; Feb. 16.
- Miescher, Karl, Riehen, and A. Wettstein, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Dimethylcyclopentanopolycyclohexanethrene compounds and making same. 2,310,012; May 11.
- Miescher, Karl, Riehen, and A. Wettstein, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Dimethylcyclopentanopolycyclohexanethrene compounds and making same. 2,310,013; May 11.
- Miescher, Karl, Riehen, and A. Wettstein, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Saturated and unsaturated pregnane compounds and making same. 2,323,276; June 29.
- Miescher, Karl, Riehen, and A. Wettstein, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Saturated and unsaturated pteridine compounds and making same. 2,323,277; June 29.
- Mieser, Fred, Gary, Ind. Electrically heating metallic strip. 2,308,995; Jan. 19.
- Mieser, Fred, Gary, Ind. Ignition device. 2,318,408; May 4.
- Miesner, Benjamin F., Harding Township, Morris County, assignor to Miesner Inventions, Inc., Millburn Township, Essex County, N. J. Phonographic pickup device. 2,319,422; May 18.
- Miesner, Benjamin F., assignor to Miesner Inventions, Inc., Harding Township, Morris County, N. J. Apparatus for the production of music. 2,323,232; June 29.
- Miesner Inventions, Inc. (See Merrill, Frederick D., Jr., assignor.)
- Miesner Inventions, Inc. (See Miesner, Benjamin F., assignor.)
- Miesner, William O., Lawrence, Kans. Theme finder. 2,324,315; July 13.
- Mieth, Herman, Louisville, Ky. Box trap for catching many animals at one setting. 2,315,345; Mar. 30.
- Mieth, Herman, Louisville, Ky. Elastic tension cloth specifically adapted to musical instruments, air motors, and amplifiers. 2,330,341; Sept. 28.
- Mietzsch, Fritz. (See Pohl, P., Mietzsch, and Rohm.)
- Mietzsch, Fritz, J. Klarer, and R. Behnisch, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Derivatives of cyclic aminosulphonic acid amides. 2,335,599; Nov. 30.
- Mifflin, Edward L., Jr. (See North, T., and Mifflin.)
- Michty, (See Jacobson, M., and Michty.)
- Migliarese, John, assignor to The National Marking Machine Company, Cincinnati, Ohio. Ink and marking dry cleaned articles therewith. 2,333,329; Nov. 2.
- Migliarese, John, assignor to The National Marking Machine Company, Cincinnati, Ohio. Sunburn preventive. 2,334,348; Nov. 16.
- Miguelone, Luigi, Paterson, N. J. Apparatus for the treatment of fabrics. 2,319,699; May 18.
- Migzichian, Vartkes, Greenwich, Conn. assignor to American Cyanamid Company, New York, N. Y. Preparing alpha-naphthylacetamide. 2,331,711; Oct. 12.
- Migzichian, Vartkes, Greenwich, Conn. assignor to American Cyanamid Company, New York, N. Y. Refining crude 1-naphthylacetic acids. 2,336,364; Dec. 7.
- Mihailoff, Sergei, San Francisco, Calif. Music device. 2,322,465; June 22.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Rapid-change flash lamp socket. 2,308,016; Jan. 12.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Release device for photographic shutters. 2,308,017; Jan. 12.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Range and depth of field finders for cameras. 2,313,567; Mar. 9.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Depth of field indicator for cameras. 2,315,977; Apr. 6.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Safety device for camera shutters. 2,323,867; Nov. 9.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Flash lamp safety mechanism for photographic cameras. 2,336,277; Dec. 7.
- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Film winding apparatus. 2,336,278; Dec. 7.

- Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Roll holding camera. 2,336,279; Dec. 7.
- Mika, Thomas F. (See Bernstein, W. F., and Mika.)
- Mika, Thomas F. (See Bernstein, W. F. Mika, Lillis, and Colwell.)
- Mika, Thomas F., Lombard, assignor to Victor Manufacturing & Gasketing Company, Chicago, Ill. Oil seal construction. 2,334,349; Nov. 16.
- Mikaelson, Erik W., assignor to Treadwell Engineering Company, Easton, Pa. Cooling bed. 2,329,072; Sept. 7.
- Mikan, Victor, Durand, Mich. Excavator. 2,325,336; July 27.
- Minkish, Martin A., Lawrenceville, N. J., assignor to The M. W. Kellogg Company, New York, N. Y. X-ray machine moving device. 2,318,701; May 11.
- Mikeska, Louis A. (See Arundale, E., and Mikeska.)
- Mikeska, Louis A. (See Lieber, E., and Mikeska.)
- Mikeska, Louis A. (See Winning, C., and Mikeska.)
- Mikeska, Louis A., Westfield, N. J., assignor to Standard Oil Development Company. Hydrolysis of meta-dioxanes. 2,307,894; Jan. 12.
- Mikeska, Louis A., Westfield, and E. Arundale, Union, N. J., assignors to Standard Oil Development Company. Unsaturated alcohols and manufacture thereof. 2,308,192; Jan. 12.
- Mikeska, Louis A., Westfield, and E. Lieber, Linden, N. J., assignors to Standard Oil Development Company. Lubricating oil, insulating and similar oil. 2,321,307; June 8.
- Mikeska, Louis A., Westfield, and E. Arundale, Colonia, N. J., assignors to Standard Oil Development Company. Chemical process. 2,337,059; Dec. 21.
- Mikhailapov, George S., Village of Hunting Valley, Ohio, assignor to The Baldwin Locomotive Works. Spot welding machine. 2,314,099; Mar. 16.
- Mikula, Michael P. (See Blackmun, E. V., and Mikula.)
- Milarta, Louis E., Hollis, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regulated rectifier circuit. 2,315,445; Mar. 30.
- Milarta, Louis E., Hollis, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regulated rectifier. 2,337,411; Oct. 12.
- Milbrath, Arthur P., assignor to Wisconsin Motor Corporation, Milwaukee, Wis. Combination reducing and reversing drive unit. 2,314,549; Mar. 23.
- Milcor Steel Company. (See Siebenlist, Anthony G., assignor.)
- Miles, Alfred M., Spartansburg, S. C. Traffic signal. 2,326,875; Aug. 17.
- Miles, Excel C., Springdale, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Door fitting. 2,316,528; Apr. 13.
- Miles, Gilbert De W. (See Ross, J., and Miles.)
- Miles, John B., Greenville, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of synthetic structures. 2,307,846; Jan. 12.
- Miles Laboratories, Inc. (See Kamlet, Jonas, assignor.)
- Miles, William C., White Plains, N. Y. Fly tying machine. 2,332,655; Oct. 26.
- Miles, William C., White Plains, N. Y. Fish lure. 2,333,484; Nov. 2.
- Milhaupt, Edgar A., Appleton, Wis. Braking system. Milk Plant Specialties Corporation. (See Lehmkuhl, Henry W., assignor.)
- Milk Cone & Baking Co., The. (See Pape, L., and Weintraub, assignors.)
- Mill & Mine Supply, Incorporated. (See Merz, Max, assignor.)
- Millar, John R., Reno, Nev., assignor to National Automotive Fibres, Inc., Detroit, Mich. Upholstery material. 2,311,068; Feb. 16.
- Millar, John R., Reno, Nev., assignor to National Automotive Fibres, Inc., Detroit, Mich. Upholstery. 2,318,702; May 11.
- Millard, George E., Seattle, Wash. Manufacturing and case hardening gear wheels. 2,335,295; Nov. 30.
- Millard, Harry E., Annyville, Pa. Preserving lime. 2,334,499; Nov. 16.
- Millard, Jack S., San Antonio, Tex. Coin changing device. 2,311,560; Feb. 16.
- Millard, Lee P., and S. D. Pool, Moline, Ill., assignors to International Harvester Company. Self-propelled harvester-thresher. 2,318,409; May 4.
- Millard, Lee P., and S. D. Pool, Moline, Ill., assignors to International Harvester Company. Thresher. 2,334,944; Nov. 23.
- Millberg, Harry L. (See Bisson, Edward J., assignor.)
- Millburn Mills, Inc. (See Kingston, Justin I., assignor.)
- 2,323,406; July 6.
- Millenar, Richard, Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. X-ray grid and the like. 2,336,026; Dec. 7.
- Miller, Abraham B., Newark, assignor to Hercules Powder Company, Wilmington, Del. Soil stabilization. 2,323,928; July 13.
- Miller, Abraham B., Newark, assignor to Hercules Powder Company, Wilmington, Del. Stabilization of soils. 2,323,929; July 13.
- Miller, Albert E. (See Chenault, W. B., and Miller.)
- Miller, Albert H., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,310,034; Feb. 2.
- Miller, Albert H., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selectively operated circuit controlling device. 2,337,486; Dec. 21.
- Miller, Alexander, Chicago, Ill. Lamp shade. 2,322,045; June 15.
- Miller, Alexander R. (See Lawman, C. W., and Miller.)
- Miller, Alfred, Orchard Park, N. Y., assignor to Allied Chemical & Dye Corporation. Benzacridonyl anthraquinone dyestuffs. 2,315,537; Apr. 6.
- Miller, Alfred J. (See Buckman, J. H., and Miller.)
- Miller, Alfred J. (See Keller, A. M., Buckman, and Miller.)
- Miller, Ambrose C., Glenside, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Pilot light circuit for radio receivers and the like. 2,325,789; Aug. 3.
- Miller, Andrew E., Baltimore, Md. Valve tool. 2,311,956; Feb. 23.
- Miller, Arthur E., Boston, Mass., and V. O. Wilkerson, Vesta, assignors to International Business Machines Corporation, New York, N. Y. Check endorsing machine. 2,307,150; Jan. 5.
- Miller, Arthur W., Albany, and J. H. McMahon, El Cerrito, Calif. Automatic motion picture machine. Re. 2,323,63; Aug. 10.
- Miller, Benjamin F. (See Robertson, O. H., Miller, and Bigg.)
- Miller, Bruce D., assignor to The Girdler Corporation, Louisville, Ky. Molding of materials. 2,329,287; Sept. 14.
- Miller, Bruce D., assignor to The Girdler Corporation, Louisville, Ky. Molding of materials. 2,329,288; Sept. 14.
- Miller, Bruce D., P. Phelps, and H. W. Beavary, assignors to The Girdler Corporation, Louisville, Ky. Preparation of emulsions. 2,330,986; Oct. 5.
- Miller, Burton F., Los Angeles, Calif., assignor to Radio Corporation of America. Electrical compression system. 2,312,260; Feb. 23.
- Miller, Carl F., Corning, N. Y., assignor to Sylvania Electric Products Inc. Electron discharge device. 2,309,973; Feb. 2.
- Miller, Carl F., Corning, N. Y., assignor to Sylvania Electric Products Inc. Electron discharge tube. 2,320,045; May 25.
- Miller, Carl F., Corning, N. Y., assignor to Sylvania Electric Products Inc. Manufacturing unitary stem and plug-in bases for electron tubes and the like. 2,334,784; Nov. 23.
- Miller, Carl F., Corning, N. Y., assignor to Sylvania Electric Products, Inc. Base construction for electron tubes. 2,337,401; Dec. 21.
- Miller, Carroll E., assignor to Cone Automatic Machine Company Inc., Windsor, Vt. Stock handling mechanism for automatic lathes. 2,316,010; Apr. 6.
- Miller, Carroll E., assignor to Cone Automatic Machine Company Inc., Windsor, Vt. End working tool mechanism. 2,325,012; July 20.
- Miller Cereal Mills, Incorporated. (See Miller, Eugene A., assignor.)
- Miller, Charles E., assignor, by mesne assignments, to Bendis Aviation Ltd., North Hollywood, Calif. Gas generator. 2,334,211; Nov. 16.
- Miller, Charles F. (See Huff, Van E., assignor.)
- Miller, Charles F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Printing viscose process rayon with acid and direct colors. 2,321,501; June 8.
- Miller, Charles F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile printing process. 2,336,365; Dec. 7.
- Miller, Clarence H., assignor of twenty-five per cent to A. L. Lippard and five per cent to I. L. Lippard, Winfield, Kans. Internal combustion rotary engine. 2,318,514; May 4.
- Miller, Clarence W., El Cerrito, Calif. Shipbuilding staging. 2,337,674; Dec. 28.
- Miller, Clarke C., Edwardsville, assignor to Standard Oil Corporation, Chicago, Ill. Coal spray composition. 2,319,942; May 25.
- Miller Company, The. (See Donnelly, James, assignor.)
- Miller Company, The. (See Naysmith, Shirley K., assignor.)
- Miller Company, The. (See Weber, Edward H., assignor.)
- Miller, Cornell M., Cheltenham, Pa. Garment. 2,326,380; Aug. 10.
- Miller, De Mont G., San Marino, assignor to Patterson-Ballagh Corporation, Los Angeles, Calif. Open hole cool joint protector. 2,318,878; May 11.
- Miller, Donald A., Linthicum Heights, Md., assignor to National Electric Control Company. Relay. 2,323,558; July 6.
- Miller, Donald J., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus and method for manufacture of rubber tubing. 2,330,370; Sept. 28.
- Miller, Edgar P., Kansas City, Mo. Frame for wall openings. 2,326,549; Aug. 10.
- Miller, Edgar P., Chicago, Ill. F. M. Littell, Detroit, Mich., and S. Budlong, assignors to F. J. Littell Machine Company, Chicago, Ill. Feeding and straightening machine. 2,315,446; Mar. 30.

- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Method and apparatus for gear generation. 2,308,891; Jan. 19.
- Miller, Edward M., assignor to The J. B. Miller Keyless Lock Company, Kent, Ohio. Filler pipe cap lock. 2,308,892; Jan. 19.
- Miller, Edwin, Jeannette, Pa. Tire building apparatus. 2,320,190; May 25.
- Miller, Elmer L. (See Walther, G. and Miller.)
- Miller, Elmer S. (See Martin, Travellie O., assignor.)
- Miller, Ernest C. C. (See Plumeau, Joseph S., and Miller.)
- Miller, Ernest F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Weld backing construction. 2,321,308; June 8.
- Miller, Ernest F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thrust balancing apparatus. 2,333,031; Oct. 26.
- Miller, Ernest M., Excelsior, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burner control system. 2,308,295; Jan. 12.
- Miller, Ernest M., Excelsior, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burner control system. 2,331,712; Oct. 12.
- Miller, Essek C., Newark, N. J., assignor to Scholl Mfg. Co., Inc., New York, N. Y. Machine for making adhesive pads. 2,320,092; May 25.
- Miller, Eugene, assignor to Miller Cereal Mills, Incorporated, Omaha, Nebr. Merchandising package. 2,318,557; May 4.
- Miller, Everett H. (See Childberg, Ernest E., and Miller.)
- Miller, Frank P., Meadville, Pa. Rotary cutter. 2,309,449; Jan. 26.
- Miller, Frank P., Meadville, Pa. Inserted blade cutter. 2,309,410; Jan. 26.
- Miller, Frank P., Meadville, Pa. Rotary cutter. 2,309,657; Feb. 2.
- Miller, Frank W., assignor to Franciare Company, Chicago, Ill. Heating and handling liquids. 2,309,523; Jan. 26.
- Miller, Frank W., assignor to Franciare Company, Chicago, Ill. Roller refilling system. 2,315,447; Mar. 30.
- Miller, Frank W., assignor to Franciare Company, Chicago, Ill. Treating steam boilers. 2,318,245; May 4.
- Miller, Franklin S. (See Barbour, H. C., and Miller.)
- Miller, Fred J., San Francisco, Calif. Sinkers releasing device. 2,322,536; June 22.
- Miller, Fred J., San Francisco, Calif. Releasable sinker for use with fishing tackle. 2,326,876; Aug. 17.
- Miller, George, San Marino, Calif. Oil base drilling fluid and regenerating the same. 2,316,967; Apr. 20.
- Miller, George, San Marino, Calif. Oil base drilling fluid. 2,316,968; Apr. 20.
- Miller, George E., Fair Oaks, assignor to E. Clemens Horst Company, San Francisco, Calif. Hop cluster stemmer. 2,336,280; Dec. 7.
- Miller, George H., Dearborn, Mich. Punch and die. 2,317,791; Apr. 27.
- Miller, George W., and W. L. Kimsey, Sapulpa, Okla. Well pumping device. 2,334,943; Nov. 23.
- Miller, George F., et al. (See Butts, Richard R., assignor.)
- Miller, George W., and W. L. Kimsey, Sapulpa, Okla. Well pumping device. 2,328,663; Sept. 7.
- Miller, Gray, Jr., deceased, Westmont, Quebec, Canada; J. C. Gaim, Jr., Belmont, Mass., administrator, assignor to Polaroid Corporation, Dover, Del. Goggle. 2,337,617; Dec. 28.
- Miller, Grover C., San Gabriel, assignor to Gromiller, Inc., Los Angeles, Calif. Suppository or bougie. 2,321,694; June 15.
- Miller, Guy O., Oak Park, Ill. Assignor to H. V. Keller, Minneapolis, Minn. Ironing table. 2,332,927; Oct. 26.
- Miller, Harold B., Fairmont, W. Va. Clamp. 2,308,906; Jan. 19.
- Miller, Harry, Amsterdam, N. Y. Garment. 2,318,617; May 11.
- Miller, Harry, and J. Schlenker, St. Charles, Mo., assignors to American Car and Foundry Company, New York, N. Y. Reclining seat mechanism. 2,318,700; May 18.
- Miller, Harry J. (See Hauser, C. G., Bierbaum, and Miller.)
- Miller, Harry P., Taft, Calif. Under reamer for oil wells. 2,328,735; Sept. 7.
- Miller, Henry J., South Orange, and J. M. Spooner, Summit, N. J. Assignors to Radio Corporation of America. Glass-to-metal seal. 2,334,020; Nov. 9.
- Miller, Henry M. (See Collins, E. T., and Miller.)
- Miller, Howard A. (See Russell, H. D., and Miller.)
- Miller, I. C. (See Pick, Alfred W., assignor.)
- Miller, Irven T., assignor to Miller Manufacturing Company, Modesto, Calif. Pulverizer. 2,309,326; Jan. 26.
- Miller, J. B., Keyless Lock Company, The. (See Miller, Edward M., assignor.)
- Miller, J. C., Company. (See Twynning, Robert W., assignor.)
- Miller, J. C., Company. (See Twynning, V. J., Cyrex, and Losey, assignors.)
- Miller, James B., Webster Groves, Mo. Emergency wire connector. 2,332,266; Nov. 2.
- Miller, James B., Webster Groves, assignor to Mines Equipment Company, St. Louis, Mo. Electric plug connector. 2,337,618; Dec. 28.
- Miller, James F. (See Lenz, A., and Miller.)
- Miller, James N., Columbus, Ohio. Wrecking apparatus. 2,337,917; Dec. 28.
- Miller, Jay W., La Junta, Colo. Automatic ledger sheet selector. 2,321,229; June 8.
- Miller, Jesse G., Tiffin, Ohio. Massaging apparatus. 2,310,101; Feb. 2.
- Miller, John A., De Kalb, assignor to The Rudolph Wurlitzer Company, Chicago, Ill. Producing forms for molding veneer. 2,330,371; Sept. 28.
- Miller, John A., De Kalb, Ill. Assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Heated mold form. 2,311,561; Feb. 16.
- Miller, John H., Short Hills, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical measuring instrument. 2,312,990; Mar. 2.
- Miller, John L. (See Hinkley, K. A., and Miller.)
- Miller, John R., Reno, Nev., assignor to National Automotive Fibres, Inc., Detroit, Mich. Pad manufacture. 2,325,265; July 27.
- Miller, John W. (See Jones, Don F., and Miller.)
- Miller, John W., assignor to Motor Wheel Corporation, Lansing, Mich. Combustion apparatus. 2,313,568; Mar. 9.
- Miller, John W., assignor to Motor Wheel Corporation, Lansing, Mich. Tank connection. 2,320,636; June 1.
- Miller, John W., and R. E. Fell, assignors to Motor Wheel Corporation, Lansing, Mich. Combustion apparatus. 2,334,117; Nov. 9.
- Miller, Joseph, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread cutter and clamp for weft replenishing looms. 2,329,999; Sept. 21.
- Miller, Karl H. (See Boughton, C. T., and Miller.)
- Miller, Kay, assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Clutch. 2,311,679; Feb. 23.
- Miller, Kay, assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Preservative transmission. 2,315,808; Apr. 6.
- Miller, Kay, assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Master cylinder for hydraulic braking systems. 2,317,473; Apr. 27.
- Miller, Kinney I., Lancaster, Mo. Chick box lid. 2,312,662; Mar. 2.
- Miller, Kinney I., Lancaster, Mo. Chick box lid. 2,320,245; May 25.
- Miller, Kinney I., Lancaster, Mo. Chick box. 2,329,637; Sept. 14.
- Miller, Leo B., Milwaukee, Wis., William L. McGrath, Philadelphia, Pa., and John E. Haines, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,333,729; Nov. 9.
- Miller Laundry Machinery Company. (See Locke, Arthur A., assignor.)
- Miller Laundry Machinery Company. (See Miller, Morris, assignor.)
- Miller, Leo B., Bronxville, N. Y., and H. F. Dever, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning control system. 2,309,411; Jan. 26.
- Miller, Leonidas C., assignor, by direct and mesne assignments, of one-half to Eastman Oil Well Survey Company, Dallas, Tex., and one-half to Eastman Oil Well Survey Corporation, Long Beach, Calif. Means for surveying well bores. 2,317,032; Apr. 27.
- Miller, Leonidas C., assignor of one-half to Eastman Oil Well Survey Company, Dallas, Tex., and one-half to Eastman Oil Well Survey Corporation, Long Beach, Calif. Methods of and means for orienting tools in well bores. 2,327,658; Aug. 24.
- Miller, Leonidas C., assignor of one-half to Eastman Oil Well Survey Company, Dallas, Tex., and one-half to Eastman Oil Well Survey Corporation, Long Beach, Calif. Reading instrument. 2,327,659; Aug. 24.
- Miller, Leonidas C., assignor of one-half to Eastman Oil Well Survey Company, Dallas, Tex., and one-half to Eastman Oil Well Survey Corporation, Long Beach, Calif. Well device. 2,334,428; Nov. 16.
- Miller, Leonidas C., assignor of one-half to Eastman Oil Well Survey Company, Dallas, Tex., and one-half to Eastman Oil Well Survey Corporation, Long Beach, Calif. Orienting apparatus. 2,334,429; Nov. 16.
- Miller, Leonidas C., assignor of one-half to Eastman Oil Well Survey Company, Dallas, Tex., and one-half to Eastman Oil Well Survey Corporation, Long Beach, Calif. Well survey apparatus. 2,324,103; July 13.
- Miller, Leonidas C., and R. F. Bolton, assignors of one-half to Eastman Oil Well Survey Company, Dallas, Tex., and one-half to Eastman Oil Well Survey Corporation, Long Beach, Calif. Directional drilling. 2,324,102; July 13.
- Miller, Leslie M. (See Gille, W. H., Sigford, and Miller.)
- Miller, Leslie T., Stoneleigh, assignor to The Glenn L. Martin Company, Baltimore, Md. Lubricating system. 2,311,069; Feb. 16.
- Miller, Leslie T., Stoneleigh, assignor to Glenn L. Martin Company, Baltimore, Md. Lubricating system. 2,326,051; Aug. 3.
- Miller, Lester A., and C. C. Foil, Pittsfield, Mass. Knit-Miller, Lewis B., assignor to Keesbey & Mattison Company, Ames, Ia. Magnesium basic carbonate. 2,330,836; Oct. 5.
- Miller, Lloyd G., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Heel-seal fitting machine. 2,315,638; Apr. 6.

- Miller, Lloyd G., Beverly, assignor to United Shoe Machinery Corporation, Boston, Mass. Machine for pressing the bottoms of shoes. 2,328,572; Sept. 7.
- Miller, Lloyd G., Beverly, and R. S. Megathlin, Quincy, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Heel-seat fitting machine. 2,323,407; July 6.
- Miller, Louis F., Cambridge City, Ind. Refrigerating apparatus. 2,321,695; June 15.
- Miller, Louis G. (See Tesseymann, J. E., and Miller.)
- Miller, Louis G., and W. H. Statler, Bethlehem, Pa., assignors to Bethlehem Steel Company. Four wheel truck for mine cars. 2,324,943; July 20.
- Miller, Louis G., and W. H. Statler, Bethlehem, Pa., assignors to Bethlehem Steel Company. Drawbar and bumper arrangement for cars. 2,329,477; Sept. 14.
- Miller, Malcolm. (See Mojonnier, A. B., and Miller.)
- ting machine. 2,311,119; Feb. 16.
- Miller Manufacturing Company. (See Miller, Irven T., assignor.)
- Miller, Max B., and Co. (See Tuttle, Malcolm H., assignor.)
- Miller, Michael A., New York, N. Y. Ornamental sheet leather. 2,316,351; Apr. 13.
- Miller, Mike A., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Welding flux. 2,321,309; June 8.
- Miller, Mike A., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Flux composition. 2,330,904; Oct. 5.
- Miller, Morris, assignor to Miller Laundry Machinery Company, Detroit, Mich. Dispensing device. 2,323,233; June 29.
- Miller, Otto H., Union City, N. J. Boat operated by motive oil. 2,325,532; July 27.
- Miller, Otto L., Memphis, Tenn. Brush. 2,331,412; Oct. 12.
- Miller, Paul A., assignor to Tubular Rivet & Stud Company, Wollaston, Mass. Tubular rivet and method and apparatus for manufacturing the same. 2,307,943; Jan. 12.
- Miller, Pharis. (See Mottlau, A. Y., and Miller.)
- Miller, Pharis, Elizabeth, N. J., assignor to Standard Oil Development Company. Motor fuel. 2,316,012; Apr. 6.
- Miller, Pharis, Elizabeth, and E. Lieber, Linden, N. J., assignors to Standard Oil Development Company. Purifying lubricants. 2,310,395; Feb. 9.
- Miller, Pharis, Elizabeth, N. J., and E. Lieber, West New Brighton, Staten Island, N. Y., assignors to Standard Oil Development Company. Treating Diesel fuels. 2,310,396; Feb. 9.
- Miller, Pharis, and G. H. Cloud, Elizabeth, N. J., assignors to Standard Oil Development Company. Fuels for internal combustion engines. 2,316,011; Apr. 6.
- Miller Printing Machinery Co. (See Huffman, Samuel A., assignor.)
- Miller Printing Machinery Co. (See Neuhart, Andrew, assignor.)
- Miller Printing Machinery Co. (See Robinhon, Willis A., assignor.)
- Miller Printing Machinery Co. (See Saul, August A., assignor.)
- Miller Printing Machinery Co. (See Sinkovitz, Joseph, assignor.)
- Miller Printing Machinery Co. (See Smith, August C., assignor.)
- Miller, Ralph, Buffalo, R. L. Jansen and J. W. Anderson, Auburn, assignors to American Locomotive Company, New York, N. Y. Internal combustion engine. 2,318,954; May 11.
- Miller, Ralph L., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier wave signaling. 2,309,705; Feb. 2.
- Miller, Raymond J., assignor to American Pattern and Manufacturing Co., Detroit, Mich. Motion picture projector. 2,312,603; Mar. 2.
- Miller, Raymond J., assignor to Hydraulic Brake Company, Detroit, Mich. Blade wheel. 2,324,011; July 13.
- Miller, Raymond J., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid drive. 2,326,666; Aug. 10.
- Miller, Raymond J., assignor to American Pattern and Manufacturing Co., Detroit, Mich. Crosshatching instrument. 2,332,865; Oct. 26.
- Miller, Raymond J., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid coupling. 2,334,021; Nov. 9.
- Miller, Raymond J., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid coupling. 2,334,373; Nov. 16.
- Miller, Raymond J., assignor to American Pattern and Manufacturing Co., Detroit, Mich. Motion picture projector. 2,336,746; Dec. 14.
- Miller, Raymond J., assignor to Hydraulic Brake Company, Detroit, Mich. Blade wheel. 2,337,619; Dec. 28.
- Miller, Raymond O., United States Army. Equipment rack. 2,309,131; Jan. 26.
- Miller, Raymond S. (See Gardiner, D. B., and Miller.)
- Miller, Raymond S., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,318,879; May 11.
- Miller, Robert A., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass tray. 2,316,529; Apr. 13.
- Miller, Robert A., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Heat reflecting glass. 2,327,918; Aug. 24.
- Miller, Robert A., Tarentum, and M. M. Eakins, Ford City, Pa., assignors to Pittsburgh Plate Glass Company. Fitting for doors. 2,317,931; Apr. 27.
- Miller, Robert M., assignor to Fox Products Company, Philadelphia, Pa. Vibration motor. 2,310,107; Feb. 2.
- Miller, Robert N., Rosemont, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Drop plug. 2,313,255; Mar. 9.
- Miller, Robert P., San Gabriel, Calif. Pump. 2,313,836; Mar. 16.
- Miller, Ross J. (See Winning, C. H., and Miller.)
- Miller, Roy C., Beverly Hills, Calif. Lantern black-out dimmer. 2,330,987; Oct. 5.
- Miller, Royal R., Los Angeles, Calif. Serving implement. 2,322,046; June 15.
- Miller, Samuel C., New York, N. Y. Adjustable elevation post and insulator construction. 2,310,803; Feb. 9.
- Miller, Samuel C., New York, N. Y. Electrode for luminous tubes and producing the same. 2,310,983; Feb. 16.
- Miller, Samuel C., New York, N. Y. High tension sign insulator and attaching means therefor. 2,325,621; Aug. 3.
- Miller, Samuel C., New York, N. Y. Mounting for neon tubes and the like. 2,326,792; Aug. 17.
- Miller, Samuel C., New York, N. Y. Neon signpost support. 2,330,835; Oct. 5.
- Miller, Samuel C., New York, N. Y. Adjustable insulating elevation post. 2,335,296; Nov. 30.
- Miller, Samuel J., Corpus Christi, Tex. Disk harrow. 2,325,337; July 27.
- Miller, Samuel J., assignor to The Du Bois Soap Company, Cincinnati, Ohio. Detergent dispenser. 2,317,548; Apr. 27.
- Miller, Selby A., Jr. (See Bridges, G. G., and Miller, Jr.)
- Miller, Stewart E., Cambridge, Mass., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave translation. 2,308,997; Jan. 19.
- Miller, Stuart P., Scarsdale, N. Y., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Maleic anhydride raw base condensation product and its production. 2,313,392; Mar. 9.
- Miller, Stuart P., Scarsdale, N. Y., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Naphthalene vaporization and oxidation. 2,329,638; Sept. 14.
- Miller, Stuart P., Scarsdale, N. Y., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Neutralization of aromatic sulphonic acids. 2,334,500; Nov. 16.
- Miller, Theodore, and F. C. Knapp, assignors to George Gorton Machine Co., Racine, Wis. Electric ether and allied device. 2,337,341; Dec. 21.
- Miller, Thomas S., assignor to Water & Sewer Equipment Corporation, Rome, N. Y. Packing device. 2,309,658; Feb. 2.
- Miller, Thomas S., assignor to Water & Sewer Equipment Corporation, Rome, N. Y. Packing device. 2,309,974; Feb. 2.
- Miller, Victor F. (See Mead, E. D., and Miller.)
- Miller, Walter G. (See Gostline, J. E., Postlewaite, and Miller.)
- Miller, Walter L., Teaneck, N. J. Archery bow. 2,316,880; Apr. 20.
- Miller, Wayland R. (See Deubel, J. A., and Miller.)
- Miller, Wayland R., assignor to Perfex Corporation, Milwaukee, Wis. Control system. 2,312,353; Mar. 2.
- Miller, Wayland R., Milwaukee, Wis., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,323,408; July 6.
- Miller, Wilber B., Niagara Falls, N. Y., assignor to The Linde Air Products Company. Electric welding. 2,308,194; Jan. 12.
- Miller, William F., assignor to Industrial Engineering Corporation, Evansville, Ind. Heating system. 2,309,524; Jan. 26.
- Miller, William H., Washington, D. C. Combination selective scale. 2,322,245; June 22.
- Miller, William H., Louisville, Ky. Selective map or chart holder. 2,336,496; Dec. 14.
- Miller, William J., Swissvale, Pa. Method of and apparatus for manufacturing pottery ware. Re. 22,405; Dec. 14.
- Miller, William J., Swissvale, Pa. Method and apparatus for the manufacture of pottery ware. 2,310,858; Feb. 9.
- Miller, William J., Swissvale, Pa. Manufacture of pottery ware. 2,310,859; Feb. 9.
- Miller, William J., Swissvale, Pa. Apparatus for decorating pottery ware. 2,324,410; July 13.
- Miller, William J., Swissvale, Pa. Applying clay to jiggering molds. 2,334,640; Nov. 16.
- Miller, William J., Swissvale, Pa., L. P. Reese, Scio, Ohio, and G. J. Kroninger, Swissvale, Pa. Apparatus for decorating pottery ware, glass ware, and the like. 2,324,411; July 13.
- Miller, William R., assignor to Wm. Sellers & Company, Inc., Philadelphia, Pa. Star feed for machine tools. 2,319,701; May 18.
- Miller Wrapping and Sealing Machine Company. (See Heckman, J. C., assignor.)
- Millermeister, Ralph A., and A. A. Writzmann, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,325,697; Aug. 3.

- Milnermaster, Ralph A., Whitefish Bay, and A. A. Writz, mem. assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Fuse clamps. 2,325,698; Aug. 3.
- Millers Falls Company. (See Shortell, William H., assignor.)
- Millers Falls Company. (See Wilcox, George R., assignor.)
- Millet, John B. (See Newsted, J. R., and Millet.)
- Miller, Anthony J., Shaker Heights, Ohio. Cigarette extinguisher. 2,335,432; Nov. 20.
- Miltholland, William K., Indianapolis, Ind. Lathe. 2,337,761; Dec. 28.
- Milhouse, Steve L., and E. W. Schultz, Lincoln, Neb. Trailer hitch. 2,335,297; Nov. 30.
- Mille Patent Holding Co. (See Allatt, Mervin, assignor.)
- Mille Patent Holding Co. (See Irmischer, Hans O., assignor.)
- Milman, Chester E., Cincinnati, Ohio, assignor to Electro Refractories & Alloys Corporation, Lackawanna, N. Y. Combustible furnace. 2,324,864; July 20.
- Milman, Ken L., assignor to The Pioneer Rubber Company, Willard, Ohio. Surgical glove. 2,335,871; Dec. 7.
- Miligan, Lowell H. (See Lombard, R. H., and Miligan.)
- Miligan, Lowell H., and R. H. Lombard, assignors to Norton Company, Worcester, Mass. Apparatus for the manufacture of grinding wheels. 2,326,284; Aug. 10.
- Miligan, Verba A., Pasadena, Tex. assignor to Sinclair Refining Company, New York, N. Y. Tube cutter. 2,324,865; July 20.
- Milikan, Norman E., Brownsburg, and E. E. Krebs, Indianapolis, Ind. Barbecue oven. 2,314,627; Mar. 23.
- Millican, Foster, Lawrence, N. Y., assignor to Milhiken Valve Corporation. Lubricated valve. 2,336,927; Dec. 7.
- Millican Valve Corporation. (See Milhiken, Foster, assignor.)
- Millis, H. L. (See Warfield, Claude E., assignor.)
- Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,325,966; Aug. 3.
- Mills, Albert W., and F. J. Furman, Endicott, and E. J. Galambos, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,315,723; Apr. 6.
- Mills, Albert W., and F. J. Furman, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Telegraphic tape transmitter. 2,320,788; June 1.
- Mills-Alloys, Inc. (See Blount, Herbert T., assignor.)
- Mills, Arnold, and H. A. Rodgers, Lonely Mine, Southern Rhodesia, Union of South Africa. Rotary vacuum filter. 2,321,230; June 8.
- Mills, Bert E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Vending machine. 2,308,532; Jan. 19.
- Mills, Bert E., Oak Park, Ill., assignor to Mills Industries, Incorporated. Multiple-coin control device. 2,333,665; Nov. 9.
- Mills, Charles F., Port Arthur, Ontario, Canada. Miter box. 2,335,783; Nov. 30.
- Mills, Charles L., assignor of one-half to J. Polyak, St. Louis, Mo. Sash fixture for windows and the like. 2,323,559; July 6.
- Mills, Donald H. (See Lyman, H. J., Mills, and Friedland.)
- Mills, Edward C., Camborne, England. Air or gas compressor. 2,321,097; June 8.
- Mills, Elmer E., Company. (See Ruekberg, Herbert S., assignor.)
- Mills, Fred W., Mena, Ark. Resilient wheel. 2,330,301; Sept. 28.
- Mills, Harold A., Nashville, Tenn., assignor, by mesne assignments, to Consolidated Vultee Aircraft Corporation. Drill chuck. 2,337,402; Dec. 21.
- Mills, Harrison, Inc. (See Weinberg, Max, assignor.)
- Mills, Herbert S., Oak Park, and L. P. Traxel, assignors to Mills Novelty Company, Chicago, Ill. Thermostatic control device. 2,309,132; Jan. 26.
- Mills Industries, Incorporated. (See Mills, Bert E., assignor.)
- Mills, John, assignor to Crown Can Company, Philadelphia, Pa. Can seaming machine. 2,308,296; Jan. 12.
- Mills, John, assignor to Crown Can Company, Philadelphia, Pa. Apparatus for food processing. 2,312,114; Feb. 11.
- Mills, John, and C. W. Lang, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Sheet-metal container. 2,321,408; June 8.
- Mills, John, Winter Haven, Fla., and C. W. Lang, Hadfield, N. J., assignors to Continental Can Company, Inc., New York, N. Y. Packaging and sterilizing food products. 2,338,003; Dec. 28.
- Mills, John H., Rockport, Tex. Decoy. 2,313,353; Mar. 9.
- Mills, Lawrence, Dallas, Tex. Focus finder for cameras. 2,312,261; Feb. 23.
- Mills, Lindley E., assignor to The Dow Chemical Company, Midland, Mich. Termite control. 2,314,362; Mar. 23.
- Mills, Louis D., and T. B. Crowe, Palo Alto, and R. E. Byler, Stanford University, assignors to The Merrill Company, San Francisco, Calif. Filter leaf. 2,336,115; Dec. 7.
- Mills Novelty Company. (See Flukes, Andrew, assignor.)
- Mills Novelty Company. (See Mills, Bert E., assignor.)
- Mills Novelty Company. (See Mills, H. S., and Traxel, assignors.)
- Mills Novelty Company. (See Ramclow, Axel E., assignor.)
- Mills Novelty Company. (See Schnoor, Raymond D., assignor.)
- Mills Novelty Company. (See Smith, J. T., and Reiter, assignors.)
- Mills, Percy E., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin chute. 2,318,410; May 4.
- Mills, Robert, Locust Hills, N. Y., assignor to The Union Switch and Signal Company, Swissvale, Pa. Call-on signal control. 2,337,204; Dec. 21.
- Milison, Henry E., Plainfield, N. J., assignor to American Millsapugh, Herman L., Seattle, Wash. Illuminating device for house numbers. 2,327,443; Aug. 24.
- Milwood, William H., Inverness, Scotland. Electric flash welding machine. 2,324,364; July 20.
- Milne, Samuel, Edinburgh, Scotland, deceased; S. H. Milne and J. I. McIvin, executors. Foundry-trimmer machine with device side rails. 2,336,197; Dec. 14.
- Milne, Samuel, deceased, Edinburgh, Scotland; S. H. Milne and J. I. McIvin, executors. Apparatus for conditioning paper. 2,337,163; Dec. 21.
- Milne, Samuel, et al., Locust Hills, Pa. (See Milne, Samuel.)
- Milner, Bertram. (See Litwin, M., and Milner.)
- Milner, Bertram. (See Litwin, M., Milner, and Ellert.)
- Milner, Roland T., Indian Hill, assignor to The Cincinnati Fly Screen Company, Cincinnati, Ohio. Frameless insect screen. 2,318,955; May 11.
- Milner, Roland T., Indian Hill, assignor to The Cincinnati Fly Screen Company, Cincinnati, Ohio. Supplementary sash and frame for window openings. 2,321,554; June 8.
- Milprint, Inc. (See Hilleb, Clyde K., assignor.)
- Mingant, Inc. (See Lacher, William H., assignor.)
- Milsten, Victor, New York, N. Y. Ribbon trimming method. 2,329,639; Sept. 14.
- Milster, Arthur N., Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking system for tractor vehicles. 2,324,412; July 13.
- Milster, Arthur N., Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking system control means. 2,331,214; Oct. 5.
- Milton, John L., Louisville, Ky. Dust collector. 2,333,625; Dec. 14.
- Milne, Theodore A., Dearborn, Mich. Cutting-off tool. 2,324,316; July 13.
- Milwaukee Chair Company, The. (See Bauer, Frank, assignor.)
- Milwaukee Electric Tool Corporation. (See Beckwith, Wendell K., assignor.)
- Milwaukee Foundry Equipment Company. (See Fellows, Harrison E., assignor.)
- Milwaukee Gas Specialty Company. (See Alfery, Henry F., assignor.)
- Milwaukee Gas Specialty Company. (See Enghardt, Richard K., assignor.)
- Milwaukee Gas Specialty Company. (See Guelson, Stanley S., assignor.)
- Milwaukee Gas Specialty Company. (See Hildebrecht, Charles V., assignor.)
- Milwaukee Gas Specialty Company. (See Mantz, Harold A., assignor.)
- Milwaukee Gas Specialty Company. (See Wantz, Clarence, assignor.)
- Milwaukee Gas Specialty Company. (See Wetzel, Theodore A., assignor.)
- Milwaukee Luce Paper Co. (See Pringle, C. E., and Murray, assignors.)
- Milwaukee Safety Appliance Co. (See Reith, Joseph A., assignor.)
- Milwhite Company Inc., The. (See Knauth, Walter T., assignor.)
- Milwhite Company, The. (See Lindsey, Benjamin S., assignor.)
- Milwhite, Harold E., and J. J. Sichman, assignors to The Mercury Manufacturing Company, Chicago, Ill. Platform construction. 2,307,149; Jan. 5.
- Minaker, Herbert L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Can closing machine. 2,338,047; Dec. 28.
- Minaker, Herbert L., and H. J. Kuntz, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Can bag unloader and can unscrambling apparatus. 2,338,048; Dec. 28.
- Minard, Everett S., San Francisco, Calif., assignor, by mesne assignments to The Pfandler Co., Rochester, N. Y. Valve structure. 2,324,793; July 20.
- Minard, Everett S., San Francisco, Calif., assignor, by mesne assignments, to The Pfandler Co., Rochester, N. Y. Capping machine. 2,324,794; July 20.
- Minard, Everett S., San Francisco, Calif., assignor, by mesne assignments, to The Pfandler Co., Rochester, N. Y. Liquid filling machine. 2,324,795; July 20.
- Minard, Everett S., San Francisco, Calif., assignor, by mesne assignments, to The Pfandler Co., Rochester, N. Y. Liquid filling valve. 2,325,419; July 27.
- Mincenber, William P., New Brunswick, N. J. Leader for fishing lines. 2,331,215; Oct. 5.
- Minick, Peter J., Indianapolis, Ind. Interchangeable building construction unit. 2,335,433; Nov. 30.

- Mine Safety Appliances Company. (See Dauster, John F., assignor.)
- Mine Safety Appliances Company. (See Deike, George H., Jr., assignor.)
- Mine Safety Appliances Company. (See Hartline, Ralph E., assignor.)
- Mine Safety Appliances Company. (See Jacobson, Moses G., assignor.)
- Mine Safety Appliances Company. (See Punton, C. W., and Yant, assignors.)
- Mine Safety Appliances Company. (See Yant, William P., assignor.)
- Miner, George A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Prewelt shoe and making the same. 2,337,121; Dec. 21.
- Miner, Irving O., Rumford, assignor to Builders Iron Foundry, Providence, R. I. Instrument mounting. 2,312,926; Mar. 2.
- Miner, Irving O., East Providence, assignor to Builders Iron Foundry, Providence, R. I. Electromagnetic clutch apparatus. 2,324,590; July 20.
- Miner, Robert V., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article supporting. 2,318,609; Apr. 13.
- Miner, W. H., Inc. (See Dath, George E., assignor.)
- Miner, W. H., Inc. (See Haseltine, Stacy B., assignor.)
- Miner, W. H., Inc. (See Olander, Roland J., assignor.)
- Minerals Beneficiation Incorporated. (See Cameron, Shelton T., assignor.)
- Minerals Beneficiation Incorporated. (See Rakowsky, V., Holt, and Arms, assignors.)
- Minerals and Metals Corporation. (See Brassert, Herman A., assignor.)
- Minerals and Metals Corporation. (See Brassert, H. A., and Hartley, assignors.)
- Minerals and Metals Corporation. (See Brassert, H. A., and Kinney, assignors.)
- Minerals Separation North American Corporation. (See Cole, A. T., Duke, and Schilling, assignors.)
- Minerals Separation North American Corporation. (See Tartaron, Francis X., assignor.)
- Mines Equipment Company. (See Miller, James B., assignor.)
- Minett, Wilfrid T., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe upper flanging machine. 2,318,703; May 11.
- Minghetti, Paul, Stockton, Calif. Marksmanship instruction attachment for firearms. 2,331,616; Oct. 12.
- Mingle, William S. (See Lane, N. B., Mingle, and Colson.)
- Mingus, Laura E., Des Moines, Iowa. Safety belt. 2,310,035; Feb. 2.
- Minich, Henry D., Tarrytown, N. Y. Film. 2,307,056; Jan. 5.
- Minich, Henry D., Tarrytown, N. Y. Rubber hydrohalide film. 2,334,022; Nov. 9.
- Minich, Henry D., North Tarrytown, N. Y. Stretched laminated product and making it. 2,335,190; Nov. 23.
- Minich, Henry D., North Tarrytown, N. Y. Covered product and producing it. 2,335,191; Nov. 29.
- Mining Process and Patent Company. (See Daman, A. C., Logue and Bailey, Jr., assignors.)
- Mining Process and Patent Company. (See Logue, Leland H., assignor.)
- Minium, George S., Chicago, Ill. Trailer truck frame. 2,329,408; Sept. 14.
- Mink, Leon D. (See Ingle, J. D., and Mink.)
- Mink, Isadore, Brooklyn, N. Y. Mattress protector. 2,319,150; May 11.
- Minneapolis-Honeywell Regulator Company. (See Ashcraft, Joseph P., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Baak, Albert E., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Beam, Vlynn O., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Craig, Robert S., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Crum, Stephen, assignor.)
- Minneapolis-Honeywell Regulator Company. (See Cyr, Benjamin, assignor.)
- Minneapolis-Honeywell Regulator Company. (See Di Vette, Randolph E., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Gauger, Frank A., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Gille, Willis H., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Gille, W. H., and Sigford, assignors.)
- Minneapolis-Honeywell Regulator Company. (See Gille, W. H., Sigford, and Miller, assignors.)
- Minneapolis-Honeywell Regulator Company. (See Guler, George D., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Haines, J. E., Laing, and Nickells, assignors.)
- Minneapolis-Honeywell Regulator Company. (See Harris, John L., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Holmes, Gifford I., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Isserstedt, Siegfried G., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Joesting, Frederick D., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Kriebbaum, John P., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Kronmiller, Carl G., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Kronmiller, C. G., and Edelman, assignors.)
- Minneapolis-Honeywell Regulator Company. (See Lance, Frederick E., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Locke, James S., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Matthews, Howard D., assignor.)
- Minneapolis-Honeywell Regulator Company. (See McGrath, William L., assignor.)
- Minneapolis-Honeywell Regulator Company. (See McNicoll, Andrew G., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Miller, Ernest M., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Miller, L. B., and Dever, assignors.)
- Minneapolis-Honeywell Regulator Company. (See Miller, L. B., McGrath, and Haines, assignors.)
- Minneapolis-Honeywell Regulator Company. (See Miller, Wayland R., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Newton, Alvin B., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Peterson, Clarence L., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Pond, Bertram F., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Scoggin, Elmer K., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Seelbach, Herman, Jr., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Shipley, S. C., Cyr, and Denison, assignors.)
- Minneapolis-Honeywell Regulator Company. (See Shipley, S. C., and Cyr, assignors.)
- Minneapolis-Honeywell Regulator Company. (See Spangenberg, Charles R., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Sparrow, Hubert T., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Taylor, Daniel G., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Wilson, John M., assignor.)
- Minneapolis-Moline Power Implement Company. (See Henningsen, John E., assignor.)
- Minneapolis-Moline Power Implement Company. (See Hintz, Otto E., Jr., assignor.)
- Minneapolis-Moline Power Implement Company. (See Jelenka, William R., assignor.)
- Minneapolis-Moline Power Implement Company. (See Rusco, Eashorn, assignor.)
- Minneapolis-Moline Power Implement Company. (See Seaholm, John P., assignor.)
- Minnet, Salvatore, Pontoosuc Lake, Mass., assignor to General Electric Company. Electric circuit. 2,322,249; June 22.
- Minnet, Salvatore, Pittsfield, Mass., assignor to General Electric Company. Electric circuit. 2,332,332; Oct. 19.
- Minnesota Mining & Manufacturing Company. (See Anderson, Arthur A., assignor.)
- Minnesota Mining & Manufacturing Company. (See Borden, John A., assignor.)
- Minnesota Mining & Manufacturing Company. (See Brown, J. A., and Clarke, assignors.)
- Minnesota Mining & Manufacturing Company. (See Carlton, Richard P., assignor.)
- Minnesota Mining & Manufacturing Company. (See Carlton, R. P., and Oakes, assignors.)
- Minnesota Mining & Manufacturing Company. (See Corwin, Carlton H., assignor.)
- Minnesota Mining & Manufacturing Company. (See Coulter, Robert I., assignor.)
- Minnesota Mining & Manufacturing Company. (See Drew, Richard G., assignor.)
- Minnesota Mining & Manufacturing Company. (See Gebhard, M. L., Heltzer, Clarke, and Davis, assignors.)
- Minnesota Mining & Manufacturing Company. (See Guth, Durward O., assignor.)
- Minnesota Mining & Manufacturing Company. (See Hatch, Lloyd A., assignor.)
- Minnesota Mining & Manufacturing Company. (See Haver, Myran M., assignor.)
- Minnesota Mining & Manufacturing Company. (See Knorr, Earl S., assignor.)
- Minnesota Mining & Manufacturing Company. (See Livermore, Harvey J., assignor.)
- Minnesota Mining & Manufacturing Company. (See Livermore, H. J., Lindner, and Stephens, assignors.)
- Minnesota Mining & Manufacturing Company. (See Olson, John M., assignor.)
- Minnesota Mining & Manufacturing Company. (See Swenson, George W., assignor.)
- Minnesota Mining & Manufacturing Company. (See Tierney, Hubert J., assignor.)
- Minnesota and Ontario Paper Company. (See Barrett, William, assignor.)
- Minnesota and Ontario Paper Company. (See Bull, Ivan S., assignor.)
- Minnesota and Ontario Paper Company. (See Burton, John O., assignor.)

- Minnesota and Ontario Paper Company. (See Kinports, Paul H., assignor.)
- Minnesota and Ontario Paper Company. (See Lauring, Edgar A., assignor.)
- Minnesota and Ontario Paper Company. (See Woodward, Hobart F., assignor.)
- Minnesota Canning Company. (See Oltman, Robert E., assignor.)
- Minns, Frederick J. (See de Lubicz-Bakanowski, Zygmunt, Minns, and Norman.)
- Minns, Rupert G., and H. T. Tornberg, assignors to National Rubber Machinery Company, Akron, Ohio. Vulcanizing press. 2,316,552; Apr. 13.
- Minor, Bert S. (See Barnes, B. H., and Minor.)
- Minshall, Ralph L. (See Whorton, L. H., and Minshall.)
- Minter, Clarke C., East Orange, N. J. Current regulator tube. 2,332,392; Oct. 19.
- Minter, James H., Columbus, Ga. Kiln. 2,314,507; Mar. 23.
- Minter, Jerry B., 2nd, Mountain Lakes, assignor to H. W. Houck, Livingston, N. Y. Selective transfer of electrical oscillatory energy. 2,336,498; Dec. 14.
- Minto, Robert E. (See Saxon, E. T., and Minto.)
- Minton, John P., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Phase meter. 2,318,248; May 4.
- Minton, Ogden, assignor to He-Li-Po, Inc., Greenwich, Conn. Electrical apparatus and its operation. 2,327,364; Aug. 24.
- Mintz, Edward L., Shaker Heights, Ohio. Thermo model guide and filler. 2,310,912; Feb. 9.
- Mintzes, Alvin. (See Mintzes, Louis and A.)
- Mintzes, Louis, Brooklyn, N. Y. Convertible garment. 2,308,929; Jan. 19.
- Mintzes, Louis and A., Brooklyn, N. Y. Polishing device. 2,323,009; Mar. 23.
- Miollis, Raymond, Elmwood Park, Ill. Method and apparatus for cheese making. 2,324,636; July 20.
- Mirando, Michael A., assignor to Imperial Knife Company, Inc., Providence, R. I. Knife. 2,332,656; Oct. 26.
- Mirlec, Carlos B., and A. P. Green, Washington, D. C. Suppressor condenser integral with brush holder. 2,334,722; Mar. 23.
- Mironovich, Vladimir C., assignor to Wincharger Corporation, Sioux City, Iowa. Device for winding armatures. 2,329,409; Sept. 14.
- Mirra, James, Brooklyn, N. Y. Furnace control. 2,337,767; Dec. 28.
- Misch, Albert F., assignor to The Almet Universal Joint Company, Cleveland, Ohio. Making bearing caps. 2,315,006; Mar. 30.
- Misfeldt, Charles C., Glendale, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Cutting and forming sheet metal. 2,308,998; Jan. 19.
- Mishawaka Rubber and Woolen Manufacturing Company. (See Blair, George W., assignor.)
- Mishawaka Rubber and Woolen Manufacturing Company. (See Blair, G. W., and Biddle, assignors.)
- Mishawaka Rubber and Woolen Manufacturing Company. (See Blair, G. W., and Schott, assignors.)
- Mishawaka Rubber and Woolen Manufacturing Company. (See Bush, P. L., and Lovell, assignors.)
- Mishawaka Rubber and Woolen Manufacturing Company. (See Cunningham, Marion M., assignor.)
- Mishawaka Rubber and Woolen Manufacturing Company. (See Cunningham, M. M., and Wise, assignors.)
- Mishawaka Rubber and Woolen Manufacturing Company. (See Glaes, C. L., and Schott, assignors.)
- Mishawaka Rubber and Woolen Manufacturing Company. (See Sarkisian, Nishan N., assignor.)
- Mishawaka Rubber and Woolen Manufacturing Company. (See Schott, John F., assignor.)
- Mishelevich, Benjamin, Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,327,205; Dec. 21.
- Misiura, Bronislaw, Duquesne, Pa. Toolholder. 2,322,868; June 29.
- Miska, John. (See Stephansko, Michael T., assignor.)
- Miskin, Arthur E., Ucon, Idaho. Earth scraper. 2,308,192; Jan. 12.
- Miskin, Arthur R., Ucon, Idaho. Weaning device for animals. 2,314,625; Mar. 23.
- Miss O'Mist Products, Inc. (See Smernis, John C., assignor.)
- Missien, Edward J. (See Weyandt, C. S., and Missien.)
- Mission Manufacturing Company. (See Garrison, Randall M., assignor.)
- Mission Manufacturing Company. (See Volpin, Alexander S., assignor.)
- Mission Manufacturing Company. (See White, R. E., Liljestrand and Volpin, assignors.)
- Mission Rubber Company. (See Rice, Harry B., assignor.)
- Mississippi Glass Company. (See Humphreys, Ellis, assignor.)
- Missmer, Alice, Bethlehem, Pa., assignor to Electrolox Corporation, Dover, Del. Cleaning tool. 2,321,231; June 8.
- Misson, William H. (See Mayo, F. V., and Misson.)
- Missouri Portland Cement Co. (See Ponzer, Howard S., assignor.)
- Missouri Portland Cement Co. (See Uhlig, Richard G., assignor.)
- Mistacu, Evangle, assignor to Mina Mistacu, St. Louis, Mo. Ball-racking counter. 2,324,945; July 20.
- Mistacu, Mina. (See Mistacu, Evangle, assignor.)
- Misz, Oliver B., Redding, Calif. Slope indicator. 2,308,018; Jan. 12.
- Mitchel, Charles F., assignor to Bastian Brothers Company, Rochester, N. Y. Lapel button. 2,322,698; June 22.
- Mitchell, Charles F., assignor to Bastian Brothers Company, Rochester, N. Y. Character bearing holder. 2,336,184; Dec. 7.
- Mitchell, August, Middlebury, assignor to The Risdon Manufacturing Company, Naugatuck, Conn. Powder compact. 2,331,216; Oct. 5.
- Mitchell, Bernard A., Chicago, Ill. Lighting fixture. 2,336,414; Dec. 7.
- Mitchell, David L. (See Beene, H. C., Marks, and Mitchell.)
- Mitchell, David L., and H. Marks, Los Angeles, and H. C. Beene, Long Beach, Calif. Water sealing composition for oil wells. 2,320,633; June 1.
- Mitchell, Donald H., assignor to Galvin Manufacturing Corporation, Chicago, Ill. System for silencing radio receivers during automatic tuning thereof. 2,331,039; Oct. 5.
- Mitchell, Donald H., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Conveyor system. 2,331,217; Oct. 5.
- Mitchell, Doren, Bound Brook, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telautographic device. 2,322,653; June 22.
- Mitchell, Doren, Bound Brook, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stereophonic conference system. 2,336,880; Dec. 14.
- Mitchell, Harry P., Salem, Ohio. Electrical system for motor vehicles. 2,335,526; Nov. 30.
- Mitchell, George A., Pasadena, Calif. Range controlled speed indicator. 2,311,769; Feb. 23.
- Mitchell Glass Company, The. (See Mitchell, William B., assignor.)
- Mitchell, Harold S., assignor to Industrial Patents Corporation, Chicago, Ill. Treatment of paper. 2,309,079; Jan. 19.
- Mitchell, Harry W., Shaker Heights, assignor to Mitchell Metal Products, Inc., Cleveland, Ohio. Apparatus for welding. 2,313,393; Mar. 9.
- Mitchell, Holger L., assignor to Koehring Company, Milwaukee, Wis. Structural unit. 2,308,565; Jan. 19.
- Mitchell, Hug E., Slate Spring, Miss. Stoker apparatus for brooder heaters. 2,309,858; Feb. 2.
- Mitchell, Isaac A., Brooklyn, N. Y. Voltage regulator. 2,312,768; Mar. 2.
- Mitchell, James A., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Transparent film. 2,307,057; Jan. 5.
- Mitchell, James A., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating and production of coated structures. 2,316,274; Apr. 13.
- Mitchell, James A., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Article of manufacture. 2,321,764; June 15.
- Mitchell, James A., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Phenol rubber polybutene composition and articles made therefrom. 2,335,790; Nov. 9.
- Mitchell, John, Chicago, Ill. Heat treated copper-nickel-molybdenum steel article and making the same. 2,319,250; May 18.
- Mitchell, John E., Company. (See McMahon, J. A., and Sydow, assignors.)
- Mitchell, John E., Company. (See Mitchell, Orville, assignor.)
- Mitchell, Joseph A. M. W., Runcorn, England, assignor to Imperial Chemical Industries Limited. Improving graphite electrodes. 2,315,346; Mar. 30.
- Mitchell, Joseph E., East Rutherford, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Extraction of organic materials. 2,324,012; July 13.
- Mitchell, Lewis E. (See Jeffrey, R. K., and Mitchell.)
- Mitchell, Malcolm E., assignor of one-half to Leckinger's Machine & Experimental Co., Los Angeles, Calif. Thread cutting machine. 2,312,135; Feb. 23.
- Mitchell, Melville J., Highland Park, and B. M. Hyman, Moline, Ill., assignors to International Harvester Company. Harvester. 2,334,945; Nov. 23.
- Mitchell Metal Products, Inc. (See Mitchell, Harry W., assignor.)
- Mitchell, O. M. (See Bray, Overton, assignor.)
- Mitchell, Olin V., and J. A. Hultquist, Searsdale, N. Y., assignors to Radio Corporation of America. Thermionic tube circuit. 2,329,073; Sept. 7.
- Mitchell, Orville, assignor to J. E. Mitchell Company, Dallas, Tex. Reclaiming mechanism for cotton extracting and cleaning machines. 2,307,287; Jan. 5.
- Mitchell, Raymond I., Auburn, Maine. Filing cabinet. 2,334,785; Nov. 23.
- Mitchell, Robert, Co. Limited, The. (See Woelfel, Harold M., assignor.)
- Mitchell, Walter G., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Cutlery and making the same. 2,335,872; Dec. 7.
- Mitchell, Walter G., Oak Park, and A. P. Hultgren, assignors to Sears, Roebuck and Co., Chicago, Ill. Automobile heater. 2,310,453; Feb. 9.

- Mitchell, Wiley B., assignor of thirty per cent to F. N. Masomere, Wichita, Kans. Metal corner bead for dry wall construction. 2,311,345; Feb. 16.
- Mitchell, William B., assignor to The Mitchell Glass Company, Bradford, England. Glass shaping machine. 2,316,969; Apr. 20.
- Mitchell, William, Jr. (See King, R. J., and Mitchell.)
- Mitcham, Edward H., New York, N. Y. Vehicle barrier. 2,308,706; Jan. 19.
- Mitchence, Walter F. (See Williamson, H. V., and Mitchell.)
- Mithoff, Robert C. (See Danner, P. S., and Mithoff.)
- Mitscherling, Waldemar O., assignor to Reflecto Letters, Inc., New York, N. Y. Light reflecting device. 2,322,699; June 22.
- Mittag, Albert H., Schenectady, N. Y., assignor to General Electric Company. Electric valve translating circuits. 2,326,550; Aug. 10.
- Mittag, Richard W. P., Washington, D. C. Black-out device. 2,313,659; Mar. 9.
- Mittmermaier, Armin F., Fort Wayne, Ind., assignor to General Electric Company. Reactor. 2,319,251; May 18.
- Mittmermaier, Armin F., Fort Wayne, Ind., assignor to General Electric Company. Electromagnetic induction apparatus. 2,319,775; May 18.
- Mittelmann, Eugen, Chicago, Ill. High frequency wattmeter. Re. 2,258; Jan. 26.
- Mittelmann, Eugen, Chicago, Ill. Method of and apparatus for heat treating metal. 2,324,525; July 20.
- Mittendorf, William K., assignor to The Crosley Corporation, Cincinnati, Ohio. Retaining means. 2,330,372; Sept. 28.
- Mitton, Robert E., Lemon Grove, and A. M. Campbell, San Diego, Calif. Automatic airplane wheel rotator. 2,333,191; Nov. 2.
- Mitnick, Meyer, New York, N. Y. Binding folder for periodicals. 2,308,770; Jan. 19.
- Mitnick, Meyer, New York, N. Y. Holder for booklets. 2,332,457; Oct. 19.
- Mix, Paul O., et al. (See Koenig, Carl J., assignor.)
- Mixer, Harold P., Rockville Centre, assignor to Remington Rand, Inc., Buffalo, N. Y. Accounting machine. Re. 2,281; Sept. 28.
- Mixer, Harold P., Rockville Centre, assignor to Remington Rand, Inc., Buffalo, N. Y. Sequence switch. 2,307,633; Jan. 5.
- Mixer, Harold P., Rockville Centre, assignor to Remington Rand, Inc., Buffalo, N. Y. Accounting machine. 2,311,451; Feb. 16.
- Mixer, Harold P., Rockville Centre, assignor to Remington Rand, Inc., Buffalo, N. Y. Electric decoding device. 2,323,833; July 6.
- Mixon, Lawson W. (See Kelso, C. D., and Mixon.)
- Mixon, Lawson W. (See Loane, C. M., Gaynor, and Mixon.)
- Mize, Thomas H., et al., trustees. (See Daugherty, Fount B., assignor.)
- Mizy, Albert D. (See Favini, William, assignor.)
- Mizzy, Albert D. (See Molnar, Nicholas M., assignor.)
- Mjolsness, Haakon, deceased, by O. A. Mjolsness, administratrix, Minneapolis, assignor to Haaky Manufacturing Company, St. Paul, Minn. Grain separator. 2,318,249; May 4.
- Mjolsness, Haakon, deceased, by O. A. Mjolsness, executrix, Minneapolis, Minn. Grain separator. 2,318,250; May 4.
- Mjolsness, Haakon, late of Minneapolis, Minn., by Olga A. Mjolsness, administratrix, and Neil W. Russell, Minneapolis, assignors of one-tenth to Haaky Manufacturing Company, St. Paul, Minn. Combined threshing and grain cleaner. 2,334,946; Nov. 23.
- Mjolsness, Olga A., administratrix. (See Mjolsness, Haakon.)
- Mjolsness, Olga A., administratrix. (See Mjolsness, H., and Russell.)
- Mjolsness, Olga A., executrix. (See Mjolsness, Haakon.)
- Moat, Harry L., Wilmington, Del., and P. D. Troxler, Mahanoe, N. Y., assignors to Atlas Powder Company, Wilmington, Del. Primer assembly. 2,330,232; Sept. 28.
- Moberg, Adolph L., assignor of one-half to E. Hraha, Des Moines, Iowa. Door stop. 2,325,914; Aug. 3.
- Moberg, Carl E., Worcester, Mass. Welder's training device. 2,333,192; Nov. 2.
- Moberly, Lawrence E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Carbon brush construction. 2,310,108; Feb. 2.
- Mobile Refrigeration, Inc. (See Lodwig, Erwin, assignor.)
- Mobley, Lewis K., New York, N. Y. Dental appliance. 2,335,298; Nov. 30.
- Mobley, Paul N., Detroit, Mich. Bowling instructor means. 2,326,997; Dec. 14.
- Mochel, Walter E. (See Hanford, W. E., and Mochel.)
- Mock, Frank C., assignor to Bendix Aviation Corporation, South Bend, Ind. Throttle control for internal combustion engines. 2,322,195; June 15.
- Mock, Frank C., assignor to Bendix Aviation Corporation, South Bend, Ind. Nonicing throttle. 2,328,736; Sept. 7.
- Mock, Frank C., and E. J. Partington, assignors to Bendix Aviation Corporation, South Bend, Ind. Charge forming device. 2,310,984; Feb. 16.
- Mock, Genevieve, Richmond Hill, N. Y. Needle pad. 2,328,832; Sept. 7.
- Mock, Oliver J., assignor to Theo. Attender & Sons, Philadelphia, Pa. Plotting board. 2,317,856; Apr. 27.
- Mock-Up Incorporated. (See Hutchison, Miller E., assignor.)
- Model, Henry, Weston, W. Va. Glassware foot. 2,331,413; Oct. 12.
- Modern Accessories Inc. (See Harpootlian, Carnig A., assignor.)
- Modern Equipment Company. (See Richardson, John, assignor.)
- Modern Faucet Co. (See Bucknell, E. H., and Bletcher, assignors.)
- Modern Inventions Corporation. (See de Jong, Herman, assignor.)
- Modern Steel Equipment Company. (See Knuth, Harvey, G., assignor.)
- Modigliani, Gino, Ivrea, Aosta, Italy; vested in the Alien Property Custodian. Selective blocking arrangement for the keyboards of teleprinters having complete keyboards. 2,320,637; June 1.
- Modigliani, Piero, New York, N. Y., assignor to Owens-Corning Fiberglass Corporation, Toledo, Ohio. Apparatus for the production of glass yarns. 2,333,267; Nov. 2.
- Modine, Arthur B., St. Petersburg, Fla. Radiator core. 2,335,687; Nov. 30.
- Modine Manufacturing Company. (See Spieth, Benjamin, assignor.)
- Modrovsky, Joseph. (See Moore, D. U., Moore, and Modrovsky.)
- Moebriides Corporation. (See Sutherland, Alexander K., assignor.)
- Moe, Herman A., Warwick, R. I. Packaging shoelaces and the like. 2,307,530; Jan. 5.
- Moe, John E., assignor to The Gates Rubber Company, Denver, Colo. Loom picker. 2,313,354; Mar. 9.
- Moe, William W., Bridgeport, Conn., assignor to General Electric Company. Frequency converter. 2,316,610; Apr. 13.
- Moecker, Henry, Jr., and W. Lotter, Cleveland, Ohio, assignors to American Stove Company, St. Louis, Mo. Oven broiler construction. 2,334,641; Nov. 16.
- Moeller, August, Frankfurt-on-the-Main-Griesheim, Germany; vested in the Alien Property Custodian. Breaking agent for emulsions. 2,307,058; Jan. 5.
- Moeller, August, Frankfurt-on-the-Main-Griesheim, H. Tochtermann, deceased, Mannheim, H. Tochtermann, administratrix, Eisleben, and O. Trösken, Frankfurt-on-the-Main-Fechenheim, Germany; vested in the Alien Property Custodian. Breaking petroleum emulsions and breaking agents. 2,323,344; July 6.
- Moeller, Axel, Racine, Wis. Bottle stopper. 2,315,538; Apr. 6.
- Moeller, George L., assignor to Knapp-Monarch Company, St. Louis, Mo. Commutator structure. 2,316,651; Apr. 13.
- Moeller, George L., assignor to Knapp-Monarch Company, St. Louis, Mo. Commutator structure and method of forming the segments thereof. 2,316,652; Apr. 13.
- Moeller, George L., assignor to Knapp-Monarch Company, St. Louis, Mo. Mixer-beater shaft lock. 2,329,640; Sept. 14.
- Moeller, George L., assignor to Knapp-Monarch Company, St. Louis, Mo. Room heater. 2,334,501; Nov. 16.
- Moeller, George L., assignor to Knapp-Monarch Company, St. Louis, Mo. Fan balancing means. 2,336,697; Dec. 14.
- Moeller, Max. (See Bahke, A. F., Moeller, and Sheppard.)
- Moeller, Otto, Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Stoker and fuel distributing mechanism therefor. 2,320,459; June 1.
- Moen, Kenneth R., assignor of one-third to G. R. Evans, St. Paul, Minn. Bowling footwear. 2,307,699; Jan. 5.
- Moerk, Frank N., and G. M. Eisenberg, Philadelphia, Pa., assignors of one-fourth to E. P. Hyland, and one-fourth to A. M. Stackhouse, Moorestown, N. J. Sewage treatment. 2,326,303; Aug. 10.
- Moers, Moses A. (See Thomson, Donald C.)
- Moess, Paul E., West Orange, and M. E. McGowan, Bloomfield, N. J., assignors to Westinghouse Electric Manufacturing Company, East Pittsburgh, Pa. Dispensing device. 2,336,998; Dec. 14.
- Moessinger, Albert, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Loom for weaving. 2,316,703; Apr. 13.
- Moffat, Robert, and L. J. Wright, Duquesne, Pa., assignors to Carnegie-Illinois Steel Corporation. Adjustable table for masonry saws. 2,330,510; Sept. 28.
- Moffet, Walter K., South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,315,347; Mar. 30.
- Moffitt, William C., Salinas, Calif. Wheeled golf club carrier. 2,326,482; Aug. 10.
- Moffitt, William E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Variable transmission. 2,332,588; Oct. 26.
- Moffitt, A. C. (See Shearer, Rose M., assignor.)
- Mohl, Harold H., Davenport, Iowa, assignor, by mesne assignments, to The Bettendorf Company. Blade spacer. 2,315,724; Apr. 6.

- Mohmen, Charles, Butler, P. A. Bels, Belleville and B. F. W. Hayer, jointly assignors to Knickerbocker Development Corporation, Belleville, N. J. Apparatus for changing electromechanical devices. 2,333,808; Nov. 9.
- Mohr, Earl L., and J. O. Harvey, Sioux City, Iowa. Lighted cold storage compartment. 2,312,664; Mar. 2.
- Mohr, Lloyd, assignor to R. V. Filled, Swanton, Ohio. Plowshare. 2,316,097; Apr. 6.
- Mohr, Milton L., assignor, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric signifier. 2,309,525; Jan. 26.
- Mohr, Milton E., Jamaica, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selecting system. 2,326,551; Aug. 10.
- Mohr, William H., Newport, R. I. Thimble. 2,322,869; June 29.
- Mohun, John L., Chicago, Ill. Heating device. 2,310,645; Feb. 9.
- Molinsau, René J. L., Paris, France; vested in the Allen Property Custodian. Mechanism for the propulsion of submersible. 2,320,040; June 1.
- Moir, Harry L. (See Backoff, W. J., Williams, O'Loughlin, Moir, and Yule.)
- Mojonnier, Albert B., Park Ridge, and M. Miller, Chicago, Ill., assignors to Mojonnier Bros Co. Filling vessels. 2,309,839; Feb. 2.
- Mojonnier Bros Co. (See Mojonnier, A. B., and Miller.)
- Mojonnier Bros Co. (See Mojonnier, Timothy, assignor.)
- Mojonnier, Timothy, Oak Park, Ill., assignor to Mojonnier Bros Co. V. 2,320,531; June 1.
- Mokin, Max, Brooklyn, N. Y. Contact jaw element for the positive carbons of arc lamps. 2,319,151; May 11.
- Moldawsky, Joseph, London, England. Apparatus for soldering metal. 2,323,667; July 6.
- Mole, John H., Eastcote, Reuslip, assignor to Siemens Brothers & Co. Limited, Westminster, London, England. Arrangement for repeater stations in electric communication systems. 2,338,004; Dec. 28.
- Mole-Richardson Co. (See Richardson, Elmer C., as assignor.)
- Molinar, Vittorio, North Plainfield, N. J., assignor to Kalsche Corporation, New York, N. Y. Resins from halogenated hydrocarbons and similar materials. 2,322,870; June 29.
- Mollins Machine Company, Limited. (See Best, Cyril, assignor.)
- Mollins, Desmond W., assignor to Mollins Machine Company, Limited, Deptford, London, England. Machine for making and packing cigarettes. 2,330,000; Sept. 21.
- Mollins, Desmond W., and F. F. Ruau, assignors to Mollins Machine Company Limited, London, England. Method and apparatus for feeding cut tobacco. 2,326,793; Aug. 17.
- Mollins Machine Company, Limited. (See Best, Cyril, assignor.)
- Mollins Machine Company, Limited. (See Chalmers, John W., assignor.)
- Mollins Machine Company. (See Gooch, Claiborne W., Jr., assignor.)
- Mollins Machine Company, Limited. (See Langrish, Henry W., assignor.)
- Mollins Machine Company, Limited. (See Molins, Desmond W., assignor.)
- Mollins Machine Company Limited. (See Molins, D. W., and Ruau, assignors.)
- Mollins Machine Company. (See Pembroke, George F., assignor.)
- Mollins Machine Company, Limited. (See Ruau, Felix F., assignor.)
- Mollins Machine Company. (See Williams, Alfred V., assignor.)
- Moll, Norman J., Washington, D. C. Waterproof container. 2,332,245; Oct. 19.
- Moll, Oswin C., Manhasset, N. Y. Connector. 2,334,687; Nov. 16.
- Mollenhauer, Paul W., Alburnett, Iowa. Handle for milk cans. 2,322,871; June 29.
- Möller, Göran A., Lidingö, Sweden. Metalization, especially aluminization of iron articles. 2,313,725; Apr. 6.
- Moller, Kasper F., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Machine tool. 2,323,834; July 6.
- Möller, Waldemar, Recklin near Murov, Mecklenburg, and G. Zeece von Montneuff, Berlin-Dahlem, Germany; vested in the Allen Property Custodian. Gyroscopic apparatus. 2,315,216; Mar. 30.
- Mollison, Wellbourne A. (See Schopmeyer, H. H., and Mollison.)
- Molloy, James F., Oakland, Calif. Retarded self-closing faucet. 2,324,946; July 20.
- Molnar, Charles L., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Making parts for comb units and the like. 2,325,205; July 27.
- Molnar, Imre, Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,333,485; Nov. 2.
- Molnar, Nicholas M., assignor to A. D. Mizzy, New York, N. Y. Hemostatic analgesic, and bactericidal composition of matter. 2,322,735; June 22.
- Moloney, Raymond T. (See Breitenstein, Charles T., assignor.)
- Moloney, Raymond T. (See Hooker, Donald E., assignor.)
- Moloney, Raymond T. (See Nicholson, Ralph A., assignor.)
- Moloney, Raymond T. (See Hooker, D. E., Breitenstein, and Nelson, assignors.)
- Moloney, Raymond T. (See Hooker, D. E., and Nicolaus, assignors.)
- Moloney, Raymond T. (See Nicholson, Ralph A., assignor.)
- Moloney, Raymond T. (See Nicolaus, Frank G., assignor.)
- Moloney, Harry S. (See Swarens, R. B., Attula and Moloney.)
- Molow, Henry, Brooklyn, N. Y. Sanitary concealed cup for bottle and can caps. 2,310,491; Feb. 9.
- Mols, Paul E. M. J., Boitsfort, Belgium; vested in the Allen Property Custodian. Grinding glass plates. 2,313,493; Mar. 9.
- Molva, Clarence E. (See Edens, H. N., and Molter.)
- Monaco Matt. See Bales, J. E., Vogt and Monaco.
- Monahan, John C., Royal Oak, assignor to Gar Wood Industries, Inc., Detroit, Mich. Hydraulic drive for reels. 2,315,639; Apr. 6.
- Monarch Machine Tool Co., The. (See Bickel, Clifford A., assignor.)
- Monarch Manufacturing Works, Inc. (See Carroll, James M., assignor.)
- Monarch Manufacturing Works, Inc. (See Murphy, Thomas W., assignor.)
- Monarch Marking System Company. (See Kohnle, Frederick, assignor.)
- Monarch Marking System Company, The. (See Turner, Thomas G., assignor.)
- Monroe, Fred. See Barchet, Clyde E., assignor.)
- Monercliff, Robert W. (See Dreyfus, H., Monercliff and Hall.)
- Monercliff, Robert W., and C. W. Sammons, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of artificial filaments, foils, and like shaped articles. 2,318,704; May 11.
- Mondl, Adolph, Milwaukee, Wis. Making footwear. 2,329,725; Sept. 21.
- Mondloch, Henry, Waukegan, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Receptacle filling machine. 2,329,776; Sept. 21.
- Mondloch, Henry N. (See Jordan, W. D., and Mondloch.)
- Monck, Benjamin F., assignor of thirty one-hundredths to R. Perry and thirty one-hundredths to A. Cohen, Tulsa, Okla. Method of and means for forming lock nuts. 2,309,511; Sept. 28.
- Monks, Napoleon A., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for operating upon insoles. 2,309,201; Jan. 26.
- Monfort, Harold R. (See Tyler, C. E., and Monfort.)
- Mongan, Charles E., Jr., assignor to Hartford-Empire Company, Hartford, Conn. Internal nozzle for tempering bottles and other glass containers. 2,321,555; June 8.
- Mongan, Charles E., Jr., assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for tempering glass bottles and like articles. 2,338,071; Dec. 28.
- Mongolio Importing Co., Inc. (See Lorant, George J., assignor.)
- Monheim, Josef. (See Bestian, H., Nüsslein and Monheim.)
- Momes, Martin L., Lafayette, La. Multiple torpedo. 2,311,655; Mar. 23.
- Monitor Controller Company. (See Frese, Joseph F., assignor.)
- Monitor Process Corporation. (See Tamminga, William, assignor.)
- Monkres, Omev M., Wichita Falls, Tex. Dancing toy. 2,334,212; Nov. 16.
- Monnet, Georges, New York, N. Y., assignor to Guardian Merchandising Corporation, Montreal, Quebec, Canada. Closure. 2,319,252; May 18.
- Monnet, Georges, Washington, D. C., assignor to Guardian Merchandising Corporation, Montreal, Quebec, Canada. Safety razor. 2,320,374; June 1.
- Monnot, Robert, San Carlos, assignor of one-half to C. F. Huling, Mountain View, Calif. Valve lock remover and catcher. 2,313,885; Mar. 16.
- Monogram Manufacturing Co. (See Wallace, Frank C., assignor.)
- Monolith Portland Cement Company. (See Anderson, F. J., and Treshow, assignors.)
- Monomet Company, The. (See Olander, Leonard G., assignor.)
- Monopower Corporation, The. (See Aspinwall, R. B., and Tyler, assignors.)
- Monopower Corporation, The. (See Tyler, Tracy B., assignor.)
- Mono-Script Co., The. (See Kingston, Justin I., assignor.)
- Monowatt Electric Corporation, The. (See Benander, George B., assignor.)
- Monroe Auto Equipment Company. (See Boor, A., Nickelson, Read, and Whisler, Jr., assignors.)
- Monroe Auto Equipment Company. (See Boor, A., and Read, assignors.)
- Monroe Auto Equipment Company. (See McIntyre, Brouwer D., assignor.)

- Monroe Auto Equipment Company. (See McIntyre, B. D., Read, and R. E., assignors.)
- Monroe Auto Equipment Company. (See McIntyre, W. D., Nickelsen, and Read, assignors.)
- Monroe Auto Equipment Company. (See Whisler, Ralph H., Jr., assignor.)
- Monroe, Benjamin F. (See Caeson, O. S., and Monroe.)
- Monroe, Benjamin F. (See Will, C. H., and Monroe.)
- Monroe Calculating Machine Company. (See Britten, Edwin F., Jr., assignor.)
- Monroe Calculating Machine Company. (See Chase, George C., assignor.)
- Monroe Calculating Machine Company. (See Crosman, Loring P., assignor.)
- Monroe Calculating Machine Company. (See Overbury, Austin A., assignor.)
- Monroe, Forrest B., Wintthrop, and Edwin C. Whittemore, Winchester, Mass. Puzzle. 2,333,731; Nov. 9.
- Monroe, Gordon R., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical induction apparatus. 2,307,599; Jan. 5.
- Monroe, Kenneth C., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Interlocked vertical indexing machine. 2,307,223; Jan. 5.
- Monroe, Rollo O. (See Goff, L. D., and Monroe.)
- Monolith Portland Cement Company. (See West, C. T., and Treshow, assignors.)
- Monsanto Chemical Company. (See Blake, Edward S., assignor.)
- Monsanto Chemical Company. (See Brooks, J. C., and Derby, assignors.)
- Monsanto Chemical Company. (See Carswell, Thomas S., assignor.)
- Monsanto Chemical Company. (See Cooper, Robert H., assignor.)
- Monsanto Chemical Company. (See Derby, Elmer R., assignor.)
- Monsanto Chemical Company. (See Derby, E. R., and Parkhurst, assignors.)
- Monsanto Chemical Company. (See Dyer, Colver P., assignor.)
- Monsanto Chemical Company. (See Esselen, Gustavus J., assignor.)
- Monsanto Chemical Company. (See Filachione, Edward M., assignor.)
- Monsanto Chemical Company. (See Gronemeyer, Fred C., assignor.)
- Monsanto Chemical Company. (See Hahn, John H., assignor.)
- Monsanto Chemical Company. (See Harman, Marion W., assignor.)
- Monsanto Chemical Company. (See Hazeltine, B. P., and Derby, assignors.)
- Monsanto Chemical Company. (See Hochwalt, Carroll A., assignor.)
- Monsanto Chemical Company. (See Hitchens, Richard M., assignor.)
- Monsanto Chemical Company. (See Huff, Arthur F., assignor.)
- Monsanto Chemical Company. (See Krase, Herbert J., assignor.)
- Monsanto Chemical Company. (See Kyrides, Lucas P., assignor.)
- Monsanto Chemical Company. (See Lum, James H., assignor.)
- Monsanto Chemical Company. (See Murdock, Frederick M., assignor.)
- Monsanto Chemical Company. (See Owens, Grafton R., assignor.)
- Monsanto Chemical Company. (See Parkhurst, Frederic A., assignor.)
- Monsanto Chemical Company. (See Percival, John O., assignor.)
- Monsanto Chemical Company. (See Sibley, Robert L., assignor.)
- Monsanto Chemical Company. (See Thomas, Charles A., assignor.)
- Monsanto Chemical Company. (See Thomas, C. A., and Morris, assignors.)
- Monsanto Chemical Company. (See Tomlin, Andrew, assignor.)
- Monsanto Chemical Company. (See Webber, C. S., Luce, and Murdock, assignors.)
- Monsanto Chemical Company. (See Welch, William E., assignor.)
- Monsanto Chemical Company. (See Whitehead, George W., assignor.)
- Monsanto Chemical Company. (See Wilson, William S., assignor.)
- Monsen, Walter T., Newark, H. L. Humes, Princeton, and R. P. E. Hermsdorf, Roselle, N. J., assignors to The American Metal Company, Limited, New York, N. Y. Removing antimony from lead containing it. 2,335,569; Nov. 30.
- Montague, John T., Westport, Conn., assignor, by mesne assignments, to Linen Guild, Inc., New York, N. Y. Continuous fabric printing machine. 2,309,914; Feb. 2.
- Montague, Stephen F., Oswego, and L. D. Pierce, Fulton, assignors to Berst-Forster-Dixfield Company, New York, N. Y. Method of and apparatus for molding fibrous pulp articles. 2,320,789; June 1.
- Montano, Elizabeth, Palm City, Calif. Baby feeding device. 2,328,354; Aug. 31.
- Montclair Research Corporation. (See Rust, John B., assignor.)
- Monteith, Alexander C. (See Evans, R. D., and Monteith.)
- Monteleone, Ernest J., Jersey City, N. J. Display device. 2,314,508; Mar. 23.
- Montelius, Carl O. J., assignor to Aktiebolaget Imo-Industri, Stockholm, Sweden. Screw rotor. 2,321,696; June 15.
- Montelius, Carl O. J., Stockholm, Sweden. Rotary compressor or motor. 2,324,168; July 13.
- Montelius, Carl O. J., assignor to Aktiebolaget Imo-Industri, Stockholm, Sweden. Controlling means for hydraulic motors. 2,331,218; Oct. 5.
- Montgomery, Charles L., West Rutland, Vt., and R. D. Cheesman, Allentown, Pa.; said Montgomery assignor to Vermont Marble Company, Proctor, Vt.; said Cheesman assignor to Traylor Engineering and Manufacturing Company, Allentown, Pa. Slackable lime in pebble form and method of producing the same. 2,328,773; Sept. 7.
- Montgomery, Charles W. Aspinwall, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Manufacture of high octane gasoline. 2,313,660; Mar. 9.
- Montgomery, Charles W., Oakmont, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Isomerization and alkylation of paraffins. 2,313,661; Mar. 9.
- Montgomery, David E., Mirando City, Tex. Automatic valve. 2,322,304; June 22.
- Montgomery, Donald H., West Hartford, assignor to The New Britain Machine Company, New Britain, Conn. Forming slide stop. 2,325,571; July 27.
- Montgomery, Donald H., West Hartford, Conn., assignor to The New Britain Machine Company, New Britain, Conn. Tool. 2,335,570; Nov. 30.
- Montgomery, Francis E., Washington, D. C. Field stretcher. 2,327,919; Aug. 24.
- Montgomery, H. A., Company, The. (See Nill, Edward A., assignor.)
- Montgomery, Harley A., Highland Park, Mich. Drawing compound. 2,323,071; June 29.
- Montgomery, James V. (See Goodson, L. B., Montgomery, and Henry.)
- Montgomery, James V. (See Henry, R. W., and Montgomery.)
- Montgomery, James V. (See Henry, R. W., Montgomery and Lawson.)
- Montgomery, James V., Okmulgee, Okla., and L. B. Goodson, Phillips, Tex., assignors to Phillips Petroleum Company. Lubricant. 2,325,533; July 27.
- Montgomery, James V., Fort Huachuca, Ariz., L. B. Goodson, Phillips, Tex., and R. W. Henry, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dewaxing process. 2,331,998; Oct. 19.
- Montgomery, James V., Fort Huachuca, Ariz., L. B. Goodson, Phillips, Tex., and R. W. Henry, Bartlesville, Okla., assignors to Phillips Petroleum Company. Dewaxing process. 2,331,999; Oct. 19.
- Montgomery, Kenneth W., Des Moines, Iowa. View finder reflector for cameras. 2,310,307; Feb. 9.
- Montgomery, Terry B., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Control system and method. 2,315,868; Apr. 6.
- Montgomery, Terry B., Wauwatosa, J. F. Sellers, and W. M. Piskaly, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Regulating system. 2,335,784; Nov. 30.
- Montgomery Ward & Co. (See Hanson, Morris S., assignor.)
- Montgomery Ward & Co., Incorporated. (See Muerle, Richard W., assignor.)
- Montgomery, William J. (See Bradner, D. B., and Montgomery.)
- Montgomery, William A., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Superregenerative receiver. 2,317,474; Apr. 27.
- Montgomery, William J., assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Coating paper. 2,331,922; Oct. 19.
- Moody, John L., Oakland, Calif., assignor to Friden Calculating Machine Co., Inc. Calculating machine. 2,330,512; Sept. 28.
- Moody, John L., Oakland, Calif., assignor to Friden Calculating Machine Co., Inc. Calculating machine. 2,334,430; Nov. 16.
- Moody, John L., Oakland, Calif., assignor to Friden Calculating Machine Co., Inc. Calculating machine. 2,334,431; Nov. 16.
- Moody, Warren L., and S. J. Wagar, Richmond, Va. Composition for improving the absorbing properties of fabrics and the like. 2,319,822; May 25.
- Moohl, Johan G. (See Motch, E. R., Jr., and Moohl.)
- Moohl, Johan G., Cleveland Heights, assignor to The Motch & Merryweather Machinery Company, Cleveland, Ohio. Metal sawing machine. 2,327,920; Aug. 24.
- Moohl, Johan G., Cleveland Heights, assignor to The Motch & Merryweather Machinery Company, Cleveland, Ohio. Metal sewing machine stock feed mechanism. 2,327,921; Aug. 24.
- Mooney, Paul C., Waynesboro, Pa. Telephone support. 2,310,252; Feb. 9.
- Moon, Adelle M., assignor of one-half to H. J. Rolfs, Santa Rosa, Calif. Woman's undergarment. 2,333,268; Nov. 2.
- Moon, Charles A., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method and apparatus for producing oil wells. 2,319,702; May 18

- Moore, Herbert J., St. Louis, Mo., and E. G. Gardner, assignors to National Enameling & Stamping Company, Milwaukee, Wis. Cover operating device for electric roasters. 2,328,833; Sept. 7.
- Moon, John M., Middletown, Ohio, assignor to Signode Steel Strapping Company, Chicago, Ill. Railway car grain door. 2,310,360; Feb. 9.
- Moon, Sterling C. (See Jeffrey, R. K., and Moon.)
- Mooney, Hugh N., Chicago, Ill. Soap holder. 2,308,771; Jan. 19.
- Mooney, Philip, Cleveland Heights, assignor to Medusa Portland Cement Company, Cleveland, Ohio. Cement-asbestos shingles and like product. 2,323,835; July 6.
- Moore, Herbert H. (See Pokorny, O. S., and Moore.)
- Moore, Herbert H., Moore Township, Ontario, Canada, assignor to Standard Oil Development Company, Rotary filter. 2,327,543; Aug. 24.
- Moore, William C., Fort Worth, Tex., assignor to The Jeffrey Manufacturing Company. Liquid screening apparatus. 2,324,637; July 20.
- Moore, Allie H., assignor of one-half to H. M. Ryan, Kansas City, Mo. Material supporting attachment for treading belt. 2,334,344; Nov. 16.
- Moore, Arthur T., and C. R. Ebling, Batavia, N. Y.; said Ebling assignor to said Moore. Method of and apparatus for washing garments or the like. 2,328,026; Aug. 31.
- Moore, Bartram H., Doylestown, Pa. Apparatus for and method of molding frozen comestibles. 2,309,133; Jan. 26.
- Moore, Charles A., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Washing machine transmission. 2,321,502; June 8.
- Moore, Charles O. (See Schmidt, Eugene, assignor.)
- Moore, Coleman B. (See Bean, R. D., Moore and Slide.)
- Moore, Coleman B. (See Thompson, C. H., and Moore.)
- Moore, Coleman B. (See Utman, R., and Moore.)
- Moore, Coleman B. (See Wiegmann, E. C., Trumbower, and Moore.)
- Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,307,229; Jan. 5.
- Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Fluid operated apparatus. 2,311,853; Feb. 23.
- Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Air control instrument. 2,325,967; Aug. 5.
- Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,328,163; Aug. 31.
- Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Multiple potentiometer. 2,328,664; Sept. 7.
- Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Integrating mechanism. 2,330,608; Sept. 28.
- Moore, Daniel G., Brooklyn, assignor to W. B. Kapper, New York, N. Y. Motion picture and sound projector. 2,310,985; Feb. 16.
- Moore, David P., Avon Park, Fla., assignor to X-L Chemicals, Incorporated. Rubber mixture. 2,333,032; Oct. 26.
- Moore, David W., Jr., New York, N. Y., assignor to Fairchild Aviation Corporation. Magnetic field responsive device. 2,331,617; Oct. 12.
- Moore, Dewey R., Holdenville, Okla. Pipe handling and racking platform. 2,326,052; Aug. 3.
- Moore, E. B. (See Kurgas, Walter A., assignor.)
- Moore, Earl E., Gary, Ind. Coke oven door. 2,308,999; Jan. 19.
- Moore, Edmond E., Waukegan, assignor to Abbott Laboratories, North Chicago, Ill. Estrogenic agents. 2,333,486; Nov. 2.
- Moore, Edmund W., Rochester, and J. W. Knapp, Brockport, assignors to General Railway Signal Company, Rochester, N. Y. Railway signaling system. 2,313,475; Mar. 9.
- Moore, Edward B., Chicago, Ill. Screening apparatus. 2,312,665; Mar. 2.
- Moore, Edwin, and J. Katsaros, Los Angeles, Calif. Cosmetic-applicating aid. 2,325,968; Aug. 3.
- Moore Enameling & Manufacturing Company, The. (See Cobb, R. S., and Moore, assignors.)
- Moore Enameling & Manufacturing Company, The. (See Moore, W. B., and Cobb, assignors.)
- Moore Fabric Company. (See Moore, John V., assignor.)
- Moore, Francis L., Phoenix, Ariz. Container. 2,320,006; May 25.
- Moore, Frank, Los Angeles, Calif. Tire armor. 2,320,827; June 1.
- Moore, Franklin, Oshkosh, Wis. Mechanism for recovering and arranging spill matches from match packers. 2,309,471; Jan. 26.
- Moore, Fred P., assignor to Eversharp, Inc., Chicago, Ill. Mechanical pencil. 2,319,823; May 25.
- Moore, Fred P., assignor to Eversharp, Inc., Chicago, Ill. Fountain pen. 2,325,069; July 27.
- Moore, Fred P., assignor to Eversharp, Inc., Chicago, Ill. Mechanical pencil. 2,323,876; Nov. 9.
- Moore, Fred V., Harvey, Ill. Apparatus for separating garbage. 2,307,059; Jan. 5.
- Moore, Frederick T., deceased, West Hartford, by Phoenix State Bank and Trust Co., administrator, assignor, by mesne assignments, to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Cartridge guide for automatic machine guns. 2,327,922; Aug. 24.
- Moore, Frederick T., deceased, West Hartford, by Phoenix State Bank and Trust Company, administrator, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Firing mechanism for automatic firearm. 2,335,688; Nov. 30.
- Moore, Garnett V. (See Coleman, G. H., Hladler, and Moore.)
- Moore, George A. (See Jenkins, C. F., and Moore.)
- Moore, George A., Medford, Mass. Picture hook. 2,330,373; Sept. 28.
- Moore, George A., New York, N. Y. Container and manufacture. 2,333,330; Nov. 2.
- Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Container. 2,322,654; June 22.
- Moore, George A., New York, N. Y., assignor to Shellmar Products Company, Mount Vernon, Ohio. Packaging process. 2,335,192; Nov. 23.
- Moore, George C., Jr., Los Angeles, Calif., assignor to Egg Safety Carton Corporation, New York, N. Y. Egg carton. 2,326,244; Aug. 10.
- Moore, George D., Memphis, Tenn. Fluid filter. 2,329,356; Sept. 14.
- Moore, Giles S., Indianapolis, Ind. Speed indicating signal apparatus. 2,307,151; Jan. 5.
- Moore, Henry S. (See Whitcomb, F., and Moore.)
- Moore, Henry T. (See Carruthers, E. H., and Moore.)
- Moore, Herbert R., Adrian, Mich. Mounting for sand spreaders. 2,323,345; July 6.
- Moore, James B., Chicago, and R. R. Trexler, Evanston, Ill. Liquid dispensing apparatus. 2,307,060; Jan. 5.
- Moore, James H., Akron, Ohio. Repair vulcanizer. 2,333,516; Nov. 2.
- Moore, James L. (See Alonzo, D. J., and Moore.)
- Moore, John B., Brooklyn, N. Y., and R. E. Mathes, Westfield, N. J., assignors to Radio Corporation of America. Printing telegraph system. Re. 22,394; Nov. 23.
- Moore, John V., assignor to Moore Fabric Company, Pawtucket, R. I. Elastic binding tape. 2,322,382; June 22.
- Moore, Laurence L. (See Winslow, C. A., and Moore.)
- Moore, Lee C., & Company, Inc. (See Woolsey, H. J., Campbell and Jenkins, assignors.)
- Moore, Leonard P., Stamford, and W. P. Erieks, Coa Cob, Conn., assignors to American Cyanamid Company, New York, N. Y. Ethylene sulphide reaction product of cyanamide. 2,323,409; July 6.
- Moore, Leroy M., Folsom, Calif. Replacement point for rebuilding dragging bucket teeth. 2,317,932; Apr. 27.
- Moore-MacMahon, Patrick, Wahroonga, near Sydney, New South Wales, Australia. Self-closing plug and drain assembly for washbasins, sinks, and the like. 2,335,129; Nov. 23.
- Moore, Mark T., Kearney, Nebr. Automatic inductive reactance for welding circuits. 2,315,159; Mar. 30.
- Moore, Maurice L., Drexel Hill, assignor to Sharp & Dahme, Incorporated, Philadelphia, Pa. Amino-substituents of sulphanilamide derivatives. 2,324,013; July 13.
- Moore, Maurice L., Detroit, Mich., assignor to Sharp & Dahme, Incorporated, Philadelphia, Pa. Succinylsulphathiazole. 2,324,014; July 13.
- Moore, Maurice L., Detroit, Mich., assignor to Sharp & Dahme, Incorporated, Philadelphia, Pa. Phitylsulphathiazole. 2,324,015; July 13.
- Moore, Meade P., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Heating and ventilating. 2,309,202; Jan. 26.
- Moore, Meade P., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Body construction. 2,331,841; Oct. 12.
- Moore, Melvin W. (See Ballou, F. A., Jr., and Moore.)
- Moore, Omer, Corvallis, Oreg. Power tool machine. 2,318,956; May 11.
- Moore, Osborne B., and G. G. Havens, Detroit, and G. F. White, Grosse Pointe, Mich., assignors to United States Rubber Company, New York, N. Y. Apparatus for treating tires. 2,314,726; Mar. 23.
- Moore, Paul B., assignor to York Ice Machinery Corporation, York, Pa. Air conditioner. 2,316,704; Apr. 13.
- Moore, Paul B., assignor to York Ice Machinery Corporation, York, Pa. Air conditioning. 2,317,104; Apr. 20.
- Moore, Ralph W. E., Pittsburgh, Pa., assignor to National Electric Products Corporation. Electrical busway. 2,320,093; May 25.
- Moore, Raymond G., Grosse Pointe Farms, assignor to National Stamping Company, Detroit, Mich. Door check. 2,321,409; June 8.
- Moore, Robert A., Dallas, assignor of one-twentieth to T. C. Beshear, Corpus Christi, Tex. Abrasive tool. 2,334,642; Nov. 16.
- Moore, Robert D., Kansas City, Mo. Clamp. 2,318,411; May 4.
- Moore, Robert E., Park Ridge, Ill. Heating system. 2,322,872; June 29.
- Moore, Robert E., Park Ridge, Ill. Heating system. 2,335,785; Nov. 30.

- Moore, Susan A., executrix. (See Ajouelo, D. J., and Moore.)
- Moore, Thomas F., Morris Plains, N. J. Air exhausting apparatus for pumping systems. 2,318,251; May 4.
- Moore, Thomas R., Rock Hill Village, assignor to The Washington University, St. Louis, Mo. Dental articulator and orienting cists thereon. 2,334,643; Nov. 16.
- Moore, Thomas V., Houston, Tex., assignor to Standard Oil Development Company. Smelting iron ore. 2,321,310; June 8.
- Moore, Thomas V., Houston, Tex., assignor to Standard Oil Development Company. Fluid density indicator. 2,332,807; Oct. 26.
- Moore, Vincent T. (See Hunter, D. U., Moore, and Modrovsky.)
- Moore, Walter B. (See Cobb, R. S., and Moore.)
- Moore, Walter B., Coshocton, Ohio. Photographic developing tank. 2,312,044; Feb. 23.
- Moore, Walter B., Coshocton, Ohio. Film developing tank. 2,327,733; Aug. 24.
- Moore, Walter B., Coshocton, and R. S. Cobb, assignors to The Moore Enameling & Manufacturing Company, West Lafayette, Ohio. Coffee maker. 2,309,526; Jan. 26.
- Moore, Wiley T., United States Army, Laverne, Okla. Projectile. 2,314,891; Mar. 30.
- Moore, Wiley T., U. S. Army, Laverne, Okla. Grenade launcher. 2,335,299; May 10.
- Moore, William, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. α -phenyl cinnamic nitrile as an insecticide. 2,307,700; Jan. 5.
- Moore, William, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Cyclo-hexylidene ethyl cyanoacetate as an insecticide. 2,307,701; Jan. 5.
- Moore, William, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. α -naphthyl cinnamic nitrile as a pest-control agent. 2,307,702; Jan. 5.
- Moore, William, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Benzal ethyl cyanoacetate as a pest-control agent. 2,307,703; Jan. 5.
- Moore, William, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Benzal octyl cyanoacetate as a pest-control agent. 2,307,704; Jan. 5.
- Moore, William, Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. α -n-amyl cinnamal ethyl cyanoacetate as a pest-control agent. 2,307,705; Jan. 5.
- Moore, William, Stamford, and R. O. Roblin, Jr., Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Dialkyl maleate as an insecticide. 2,325,790; Aug. 3.
- Moore, William, Stamford, and R. O. Roblin, Jr., Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Diamyl maleate as an insecticide. 2,325,791; Aug. 3.
- Moore, William, and R. O. Roblin, Jr., Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Dialkyl esters of unsaturated dicarboxylic acids as insecticides. 2,333,666; Nov. 9.
- Moore, William E., assignor to Delaware Engineering Corporation, Pittsburgh, Pa. Furnace electrode gland. 2,317,933; Apr. 27.
- Moore, William H. (See Gladfelter, W. I., and Moore.)
- Moore, William H. (See Dames, Trent R.)
- Moorefield, William P., assignor, by mesne assignments, to Automatic Electrical Devices, Inc., St. Petersburg, Fla. Photographic timing device. 2,315,978; Apr. 6.
- Moorehead, Charles L., Lakewood, Ohio. Dust bag attachment for suction cleaners. 2,316,353; Apr. 13.
- Moorehead, Robert J., Riverside, Calif. Clamp truck. 2,328,224; Aug. 31.
- Moran, Archibald A., Mendham, N. J. Package for dispensing powder. 2,331,842; Oct. 12.
- Moran, Frank P., Kansas City, Mo. Trowel holder. 2,322,152; June 15.
- Moran, Fred C., assignor to Peabody-Acker, Inc., Los Angeles, Calif. Bench vise. 2,321,503; June 8.
- Moran, Martin, Cambridge, England. Combined jack and lifting tackle. 2,335,130; Nov. 23.
- Moran, Martin, Cambridge, assignor of one-half to Simms Motor Units Limited, London, England. Distributor ignition for internal combustion engines. 2,324,169; July 13.
- Moran, Ralph V., Bradford, Pa. Coin bank. 2,336,185; Dec. 7.
- Moran, Robert C. (See Hamilton, L. A., Moran, and Cattell.)
- Moran, Robert C., Wenonah, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Stabilized mineral oil composition. 2,326,483; Aug. 10.
- Moran, Robert C., Wenonah, N. J., E. E. Reid, Baltimore, Md., and L. A. Hamilton, Wenonah, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,322,093; June 15.
- Moran, Torrence J., Freeport, N. Y. Cowl fastener. 2,325,699; Aug. 3.
- Moran, W. J., et al., trustees. (See Daugherty, Fount F., assignor.)
- Moran, Walter G., and J. E. Nelson, Woodbridge, N. J., assignors to National Lead Company, New York, N. Y. Producing sulphates. 2,329,641; Sept. 14.
- Morand, Louis D. (See Richardson, H. K., and Morand.)
- Morando, Emanuel R., New York, N. Y. Lifesaving fire escape apparatus. 2,311,070; Feb. 16.
- Morando, Emanuel R., New York, N. Y. Handy parcel carrier for baby carriages and the like. 2,321,232; June 8.
- Morando, Emanuel R., New York, N. Y. Tubular curtain stretching device. 2,309,076; Jan. 19.
- Morando, Emanuel R., New York, N. Y. Umbrella. 2,336,116; Dec. 7.
- Morarre, Thomas O., Washington, D. C. Practice drum. 2,326,305; Aug. 10.
- Morath, Erik, Stockholm, Sweden. Lighting generator. 2,334,157; Nov. 9.
- Moravecky, Frank J., Beaver Falls, Pa. Mold for casting thin-walled receptacles. 2,311,680; Feb. 23.
- Morawetz, Friederich, Montreal, Quebec, Canada, assignor to Radio Watch Company. Radio transmission. 2,308,019; Jan. 12.
- Morch, Anthony, Brooklyn, assignor of one-half to J. Morch, Jamaica, N. Y. Power plant. 2,338,005; Dec. 28.
- Morch, John. (See Morch, Anthony, assignor.)
- Mordy, George, Pasadena, Calif. Bottle case. 2,313,355; Mar. 9.
- Morehead, French H., Riverside, Conn., assignor to Walworth Patents Inc., Boston, Mass. Lubricated plug. 2,322,378; June 22.
- Morehead, James A., Huntingdon, W. Va., assignor to S. M. Dover, Chicago, Ill. Making lenses. 2,332,246; Oct. 19.
- Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co., Inc. Securing device. 2,308,424; Jan. 12.
- Morehouse, Eugene M., Tujunga, Calif., assignor to Adel Precision Products Corp. Supporting clip for conduits. 2,338,006; Dec. 28.
- Morehouse, Silas A., Glendale, Calif. Oxygen supply for parachutists. 2,329,289; Sept. 14.
- Moreillon, Albert E. (See Hunt, J. A., and Moreillon.)
- Moreland, Stephen T., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Mold charging mechanism. 2,310,289; Jan. 5.
- Moreland, Stephen T., and P. C. Tracy, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Motor control. 2,326,382; Aug. 10.
- Morelight Company. (See Nickelsburg, Sidney, assignor.)
- Morella, Frank, Milwaukee, Wis. Variable speed ironer. 2,314,415; Mar. 23.
- Morelle, Jules, Paris, France; vested in the Allen Property Custodian. Collimator. 2,313,204; Mar. 9.
- Morelock, Oliver J., Short Hills, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Adjusting and sealing resistance elements. 2,330,782; Sept. 28.
- Morelock, Oliver J., Short Hills, and H. W. Houck, Livingston, assignors to Weston Electrical Instrument Corporation, Newark, N. J. Resistance element. 2,310,783; Sept. 28.
- Moreton, Henry H. (See Dickinson, H. R., and Moreton.)
- Moreton, Henry H., East Orange, N. J. Book, magazine, pamphlet, or the like. 2,324,413; July 13.
- Moreton, Henry H., Los Angeles, Calif. Filtering apparatus. 2,326,484; Aug. 10.
- Morey, Arthur H., Erie, Pa., assignor to General Electric Company. Locomotive drive arrangement. 2,310,924; Mar. 2.
- Morey, Donald R. (See McNally, J. G., and Morey.)
- Morey, Francis C., Kensington, Md., assignor to Government of the United States, as represented by the Secretary of Commerce. Gas measuring instrument. 2,321,038; June 8.
- Morey, Glen H., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Keto sulphides and making same. 2,327,966; Aug. 24.
- Morey, Glen H., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Hydroxyhalocarbonyl compound and producing same. 2,330,179; Sept. 21.
- Morey, Glen H., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Extreme pressure lubricant. 2,335,434; Nov. 30.
- Morey, Glen H., Terre Haute, Ind., and F. E. Frey, Bartlesville, Okla., assignors to Phillips Petroleum Company. Preparing and treating catalysts. 2,312,572; Mar. 2.
- Morey, James J., Brooklyn, N. Y. Radio frequency induction heating apparatus. 2,328,225; Aug. 31.
- Morey, William E., and R. G. Nicholas, St. Charles, Mo., assignors to American Car and Foundry Company, New York, N. Y. Reclining seat. 2,319,743; May 18.
- Morfy, Patsey, assignor of one-fourth to E. Tunno, and one-fourth to J. Cicozzi, Tamaqua, Pa. Window screen. 2,334,432; Nov. 16.
- Morgan, Arthur H., Knoxville, Tenn. Fruit decapper. 2,323,668; July 6.
- Morgan, Arthur W., Jr. (See Steuart, J. K., and Morgan.)
- Morgan, Charles G. (See Hoover, H., Jr., Morgan, and Christie.)
- Morgan Construction Company. (See Beaman, Phineas A., assignor.)
- Morgan Construction Company. (See Blodgett, Albert G., assignor.)
- Morgan Construction Company. (See Bradley, Anson K., assignor.)

- Morgan Construction Company. (See Hawthorne, Charles W., assignor.)
- Morgan Construction Company. (See Morgan, Myles, assignor.)
- Morgan Construction Company. (See Morgan, M., and Whalen, assignors.)
- Morgan Construction Company. (See O'Malley, Joseph M., assignor.)
- Morgan Construction Company. (See Rich, Charles A., assignor.)
- Morgan Construction Company. (See Shepherdson, J. W., and Barnes, assignors.)
- Morgan, Erving B., assignor to American Seating Company, Grand Rapids, Mich. Furniture support. 2,317,077; Apr. 20.
- Morgan, George A. (See Padley, L., and Morgan.)
- Morgan, George C., Birmingham, Ala., assignor to Continental Gin Company. Fluid distribution and collection system. 2,313,256; Mar. 9.
- Morgan, Harry C., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Metallographic filtering system. 2,318,705; May 11.
- Morgan, Harry S. (See Morgan, J. S., Gammon and Morgan.)
- Morgan, James J., Hampton, assignor to General Fibre Box Company, West Springfield, Mass. Receptacle. 2,309,134; Jan. 26.
- Morgan, Jeremiah M. (See Vance, A. W., Morgan.)
- Morgan, John D., South Orange, and L. B. Levitt, Millburn, N. J., assignors to Cities Service Oil Company, New York, N. Y. Engine leakage meter. 2,328,289; Aug. 31.
- Morgan, John M., Houston, Tex. Internal combustion motor. 2,319,427; May 18.
- Morgan, John S., Rodbridge Hall, near Wingate, J. C. Gammon, London, and H. S. Morgan, Rochester, England. Production of fluent cement or cement grout. 2,316,705; Apr. 13.
- Morgan, Joseph P., New Castle, Pa. Endless conveyer. 2,310,646; Feb. 9.
- Morgan, Kenneth F., Los Angeles, Calif., assignor to Western Electric Company, Incorporated, New York, N. Y. Sound recording and reproducing. 2,332,333; Oct. 19.
- Morgan, Leo C. (See Stewart, Troy J., assignor.)
- Morgan, Leo C., Eastborough and T. J. Stewart, Great Bend, Kans.; said Stewart assignor to said Morgan. Well treating fluid. 2,335,689; Nov. 30.
- Morgan, Leslie B., and W. M. Blackley, Manchester, England, assignors to Imperial Chemical Industries, Limited. Pluoculose vinyl halide polymers. 2,322,399; June 22.
- Morgan, Myles, assignor to Morgan Construction Company, Worcester, Mass. Billet sorting apparatus. 2,322,655; June 22.
- Morgan, Myles, assignor to Morgan Construction Company, Worcester, Mass. Cooling bed. 2,327,734; Aug. 24.
- Morgan, Myles, Worcester, and J. N. Whalen, Baylston, assignors to Morgan Construction Company, Worcester, Mass. Handling of rod bundles or the like. 2,328,388; Aug. 31.
- Morgan, Oliver M., Snyder, N. Y., assignor to Allied Chemical & Dye Corporation. Cleaning metal surfaces. 2,314,285; Mar. 16.
- Morgan, Porter S., Weston, assignor to The Capewell Manufacturing Company, Hartford, Conn. Clamping device. 2,317,690; Apr. 27.
- Morgan, Ralph H. (See Drexler, C., and Morgan.)
- Morgan, Ralph H., assignor to Chas. Drexler Co., Indianapolis, Ind. Vernier type positive adjustable boring bar. 2,319,467; May 18.
- Morgan, Richard W. (See McLoughlin, H. F., Hill, Morgan, and Winkle.)
- Morgan, T. H., et al., trustees. (See Morgan, Thomas H., assignor.)
- Morgan, Thomas H., Kittanning, assignor to S. S. Bruce and H. C. Oliver, Pittsburgh, and T. H. Morgan, Kittanning, Pa., trustees. Vibratory drive apparatus. 2,327,208; Aug. 17.
- Morgan, Thomas J., Chicago, and A. S. Dearborn, Hinsdale, Ill., assignors to Ampro Corporation. One-way clutch for cinematographs. 2,313,662; Mar. 9.
- Morgan, Thomas J., and A. S. Dearborn, Chicago, Ill., assignors to Ampro Corporation. Cinematograph. 2,313,663; Mar. 9.
- Morgan, Thomas J., Chicago, and A. S. Dearborn, Hinsdale, assignors to Ampro Corporation, Chicago, Ill. Cinematograph film feeding mechanism. 2,335,435; Nov. 30.
- Morgan, Thomas J., Chicago, and A. S. Dearborn, Hinsdale, assignors to Ampro Corporation. Cinematograph. 2,335,436; Nov. 30.
- Morgan, Thomas J., Chicago, and A. S. Dearborn, Hinsdale, assignors to Ampro Corporation. Blower. 2,335,437; Nov. 30.
- Morgan, William D., Jr. (See Wapamaker, E. M., and Morgan.)
- Morgan, William M. (See Morgan, Leslie B. and W. M.)
- Morgensen, Otto, Jr. (See Fuller, E. W., and Morgensen.)
- Morgensen, Otto, Jr., Dayton, Ohio. Airplane wheel chock. 2,316,178; Apr. 13.
- Morgenthau, Max R., Vevey, Switzerland, assignor to Inredco, Inc., Panama City, Panama. Manufacture of soluble dry extracts. 2,333,027; Oct. 26.
- Morgillo, Constantine A., Toledo, Ohio. Multiposition holder for brushes and the like. 2,315,269; Mar. 30.
- Moriarty, Wilson H., Shaker Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Gate bar for smelting machines. 2,322,873; June 29.
- Morin, George G., Holyoke, Mass. Photographic enlarger. 2,317,691; Apr. 27.
- Morin, George G., Holyoke, Mass. Photographic enlarger. 2,317,692; Apr. 27.
- Morin, Louis H. (See Marinsky, Davis, assignor.)
- Morin, Louis H. (See Morin, L. H., and Marinsky.)
- Morin, Louis H., assignor, by mesne assignments, of one-half to said L. H. Morin and one-half to D. Marinsky, Bronx, N. Y. Bottom stop for separable fasteners and producing the same. 2,312,045; Feb. 23.
- Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Separable fastener. 2,322,537; June 22.
- Morin, Louis H., assignor of one-half to Davis Marinsky, Bronx, N. Y. Open side separable fastener. 2,330,001; Mar. 10.
- Morin, Louis H., assignor of one-half to D. Marinsky, Bronx, N. Y. Doubleacting scoop separable fastener. 2,331,618; Oct. 12.
- Morris, Leon J. F., New York, N. Y. Hair net. 2,309,135; Jan. 26.
- Morris, Leon J. F., New York, N. Y. Hair net. 2,329,473; Sept. 14.
- Moritz, Frank, Los Angeles, Calif. Hose supporter. 2,328,834; Sept. 7.
- Moritz, Burt E., Jr., Houston, Tex., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Gain control. 2,316,354; Apr. 13.
- Mork, George W., South Milwaukee, and L. P. Baranowski, Cudahy, assignors to Bucyrus Erie Company, South Milwaukee, Wis. Scraper. 2,321,410; June 8.
- Morkoski, James, Canton, Ill., assignor to International Harvester Company. Lift device for implements. 2,309,203; Jan. 26.
- Morkoski, James, Canton, Ill., assignor to International Harvester Company. Tractor-mounted implement. 2,330,302; Sept. 28.
- Morkoski, James, Canton, Ill., assignor to International Harvester Company. Power lift device. 2,330,303; Sept. 28.
- Morkoski, James, Canton, Ill., assignor to International Harvester Company. Power lift device. 2,334,947; Nov. 23.
- Mormile, Anthony R., assignor to The G & O Manufacturing Company, New Haven, Conn. Oil cooler. 2,322,047; Jan. 15.
- Morrill, Charles E., Elizabeth, P. C. Frolich, Westfield, and L. A. Bannan, Roselle, N. J., assignors, by mesne assignments, to Jaseco, Incorporated. Heat- and storage-stable chlorinated olefinic polymer and process. 2,334,277; Nov. 16.
- Morrill, George, Corporation. (See Pellerano, Silvio, assignor.)
- Morrill, Jacques C., Oak Park, Ill. Building structure. 2,307,787; Jan. 12.
- Morrill, Jacques C., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,313,162; Mar. 9.
- Morris, Joseph V., DeLeon Springs, Fla. Garden tool. 2,314,414; Oct. 12.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Welt feeding device. 2,321,610; June 15.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for use in the manufacture of shoes. 2,323,346; July 6.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe machine for sewing and lasting. 2,323,347; July 6.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe supporting jack. 2,331,130; Oct. 5.
- Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Chainstitch in seam shoe sewing machine. 2,322,657; Oct. 26.
- Morrill, Frank B., assignor to The James Hunter Machine Company, North Adams, Mass. Loose stock drier. 2,336,698; Dec. 14.
- Morris, Adrian K., South Jacksonville, Fla. Smoking bowl. 2,337,287; Dec. 7.
- Morris, Charles E., Little Rock, Ark. Cotton chopper. 2,312,666; Mar. 2.
- Morris, Charles L., deceased, late of Columbus, Ohio, by M. C. Morris, executrix, assignor to The Columbia Dental Manufacturing Company, Columbus, Ohio. Tooth facing and backing therefor. 2,308,195; Jan. 12.
- Morris, Charles M., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,324,317; July 13.
- Morris, Charles M., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coil for relays and inductive apparatus. 2,326,053; Aug. 3.
- Morris, Chester L., Falls City, Nebr. Rod joint cutting tool. 2,325,969; Aug. 3.

- Morris, Claremont R., New York, N. Y. Ladder attachment. 2,324,414; July 13.
- Morris, Claremont R., New York, N. Y. Seat. 2,333,732; Nov. 9.
- Morris, Daniel L. (See Stiefel, Fred W., assignor.)
- Morris, David M., Richmond, Ind., assignor to International Harvester Company. Power lift. 2,314,235; Mar. 16.
- Morris, David M., Richmond, Ind., assignor to International Harvester Company. Planter clutch construction. 2,332,743; Oct. 26.
- Morris, David M., Richmond, Ind., assignor to International Harvester Company. Feed cup for grain drills. 2,327,923; Aug. 24.
- Morris, Donald F., and L. R. Growdon, assignors to The Mead Corporation, Chillicothe, Ohio. Paper manufacture. 2,314,797; Mar. 23.
- Morris, Edward W., Glen Rock, and J. H. Sheets, Fairlawn, N. J., assignors to Curtiss-Wright Corporation. Doping means for propellers. 2,335,018; Nov. 23.
- Morris, Edwin W. (See Denton, W. T., Goetze, and Morris.)
- Morris, Fred H., High Point, N. C. Sanding belt machine. 2,320,638; June 1.
- Morris, Fred H., High Point, N. C. Sanding belt machine. 2,320,639; June 1.
- Morris, George B., et al. (See Medenwald, Arthur L., assignor.)
- Morris, Harry, Erie, Pa., assignor of one-half to Alfred Fritzsche, Cleveland, Ohio. Clutch. 2,331,339; Oct. 12.
- Morris, Harry V., Lowell H. Morris, and James E. Morris, Dixon, Calif. Portable irrigation siphon. 2,330,074; Sept. 21, 1943.
- Morris, Herbert E. (See Thomas, C. A., and Morris.)
- Morris, Herbert, Limited. (See Bratley, Morris J., assignor.)
- Morris, James C., Wadsworth, and P. J. Yarnan, Barberton, assignors to The Ohio Boxboard Company, Rittman, Ohio. Container closure and carrier. 2,318,957; May 11.
- Morris, James E. (See Morris, H. V., L. H., and J. E.)
- Morris, John & Sons Limited. (See Stevenson, Gerald O., assignor.)
- Morris, John N. (See Kent, R. L., and Morris.)
- Morris, Lloyd C. (See Schulze, W. A., and Morris.)
- Morris, Lowell H. (See Morris, H. V., L. H., and J. E.)
- Morris, Lloyd P. (See Benton, H. Z., and Morris.)
- Morris, Marie C., executrix. (See Morris, Leon M.)
- Morris Motors Limited. (See Dono, George E., assignor.)
- Morris, Nathan K., Asbury Park, assignor to J. E. Krlow, Atlantic City, N. J. Cake and fruit knife. 2,338,007; Dec. 28.
- Morris, Norman W. (See Coghlan, V. A., and Morris.)
- Morris Paper Mills. (See Powell, Henry K., assignor.)
- Morris Paper Mills. (See Spruth, Edward F., assignor.)
- Morris, Robert A., assignor to Eastman Kodak Company, Rochester, N. Y. Dye bleaching process. 2,326,055; Aug. 3.
- Morris, Thomas A., assignor to National Devices Corporation, Detroit, Mich. Carburetor for multicylinder internal combustion engines. 2,318,008; May 4.
- Morris, Thomas C., Belmont, Mass., assignor to Wingfoot Corporation, Wilmington, Del. Condensation derivatives of rubber. 2,311,770; Feb. 23.
- Morris, Thomas C., Belmont, assignor to B. B. Chemical Co., Boston, Mass. Molded article and making the same. 2,330,233; Sept. 28.
- Morris, Thomas C., Belmont, and F. S. Gregory, Jr., Burlington, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Shoe bottom unit and making the same. 2,317,475; Apr. 27.
- Morris, Warren A. (See Rowe, W. W., and Morris.)
- Morrison Brothers Company. (See Glab, William N., assignor.)
- Morrison, George H., Fruitport, Mich. Animal trap. 2,332,334; Oct. 19.
- Morrison, Harry. (See Saunders, S. G., and Morrison.)
- Morrison, James, San Francisco, Calif. Apparatus for handling glass tubing. 2,310,537; Feb. 9.
- Morrison, James L. D., assignor to New Products Corporation, Benton Harbor, Mich. Phonograph recorder. 2,326,667; Aug. 10.
- Morrison, John L. M. (See Bloden, G. L., and Morrison.)
- Morrison, Marguerite M., Glencoe, Ill. Massaging device. 2,310,804; Feb. 9.
- Morrison Railway Supply Corporation. (See Morrison, Raymond L., assignor.)
- Morrison, Raymond L., assignor to Morrison Railway Supply Corporation, Buffalo, N. Y. Alloy. 2,310,308; Feb. 9.
- Morrison, Raymond L., assignor to Morrison Railway Supply Corporation, Buffalo, N. Y. Welding manganese steels. 2,329,410; Sept. 14.
- Morrison, Simon, New Brunswick, N. J. Rotary lipstick holder. 2,309,000; Jan. 19.
- Morrison, Thomas P. (See Scouten, Jess E., assignor.)
- Morrison, Willard L., Lake Forest, Ill. Refrigerating apparatus. 2,324,527; July 20.
- Morrison, William A., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Valve for rock drills. 2,307,847; Jan. 12.
- Morrison, William A., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Blowing device. 2,326,383; Aug. 10.
- Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Electric water heater. 2,307,061; Jan. 5.
- Morrow, Emmet H., Chicago, Ill. Razor blade handle. 2,325,868; Aug. 3.
- Morrow, Harry M., Canton, Ohio, assignor to The Bowdill Company. Making mining machine chain lugs. 2,325,792; Aug. 3.
- Morrow, Timothy T. (See Holstein, M. S., and Morrow.)
- Morschel, Heinrich, Leverkusen-Wiesdorf, and W. Meiser, Munich, Germany, assignors to General Aniline & Film Corporation. Water-soluble compounds. 2,331,415; Oct. 12.
- Morse, Albert W., Forest Hills, and V. Singer, Glendale, assignors to The Anthony Company, Long Island City, N. Y. Oil burner. 2,316,881; Apr. 20.
- Morse Andrews Co. (See Morse, William J., assignor.)
- Morse, Birney K. (See Pearson, J. M., and Morse.)
- Morse Bros. Machinery Company. (See Wigton, Paul L., assignor.)
- Morse Chain Company. (See Perry, David B., assignor.)
- Morse, Charles C. (See Morse, L. G., Hill, and Morse.)
- Morse, Charles W., Anaconda, Mont. Automatic sampler and weighing device. 2,327,123; Aug. 17.
- Morse, Charles W., Anaconda, Mont. Liquid feeding device. 2,327,124; Aug. 17.
- Morse, Clarence W. (See Morse, Lulan S., and Clarence W.)
- Morse, Earle H. (See Mack, E. L., and Morse.)
- Morse, Earle H., Nutley, N. J., assignor to Reynolds Research Corporation, New York, N. Y. Extraction of vegetable proteins. 2,331,619; Oct. 12.
- Morse, Emil J. (See Lineback, Thomas J., assignor.)
- Morse, Guilford A., Minneapolis, Minn. Conveying and distributing system. 2,318,180; May 4.
- Morse, Guy E., Waterloo, Nebr. Grain grader. 2,310,647; Feb. 9.
- Morse, Harold F., Southport, Conn., assignor to General Electric Company. Astronomical telescope. 2,326,552; Aug. 10.
- Morse, Herbert B. (See Porter, Rotheus B., Jr., assignor.)
- Morse, John F., Hudson, Ohio. Boat control system. 2,321,098; June 8.
- Morse, John F., Hudson, Ohio. Variable aperture shutter. 2,335,690; Nov. 30.
- Morse, John F., and M. L. Taylor, Hudson, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Protection of propeller blades. 2,334,118; Nov. 9.
- Morse, Leslie G., Randolph, A. Hill, Brookfield, and C. C. Morse, Randolph, Vt. Rotary excavator. 2,315,007; Mar. 30.
- Morse, Lulan S., and C. W. Morse, Santa Monica, Calif., assignors to Acme Steel Company, Chicago, Ill. Venetian blind slat. 2,315,640; Apr. 6.
- Morse, Norman W., assignor to Hill-Shaw Company, Chicago, Ill. Coffee brewer. 2,321,411; June 8.
- Morse, Reginald A., Sr., Cranston, R. I. Body covering for resisting temperature extremes. 2,335,873; Dec. 7.
- Morse, Richard S., assignor to Distillation Products, Inc., Rochester, N. Y. Drying oil. 2,308,020; Jan. 12.
- Morse, Richard S., assignor to Distillation Products, Inc., Rochester, N. Y. Preparation of improved paint oils. 2,311,681; Feb. 23.
- Morse, Sydney H., assignor to Wood, Mallabar & Company Limited, London, England. Apparatus for developing sensitized layers by ammonia or other gas. 2,333,733; Nov. 9.
- Morse, Ted B. (See Schmidt, W. B., Morse, and Rieves.)
- Morse, William J., Attleboro, Mass., assignor to Morse Andrews Co. Key ring. 2,321,504; June 8.
- Morton, Louis G., Teaneck, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Electricity conductor unit with fixed socket-end conductors. 2,314,727; Mar. 23.
- Morton, Louis G., Teaneck, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Electricity conductor unit. 2,320,332; May 25.
- Morton, Louis G., Teaneck, and J. F. O'Brien, Jersey City, N. J., assignors to John B. Pierce Foundation, New York, N. Y. Electricity conductor unit. 2,307,230; Jan. 6.
- Mortensen, La Vaughn L., Los Angeles, Calif. Artificial limb. 2,336,881; Dec. 14.
- Mortenson, Gunnar. (See Martinus, H. L., assignor.)
- Mortimer, Frank P., Pottsville, Pa. Ornamental device. 2,325,191; July 27.
- Mortimer, Norman J., New Hope, Pa. Molding building blocks. 2,336,949; Dec. 14.
- Morton, Allen W., Baltimore, Md., assignor to Koppers Company, Pittsburgh, Pa. Piston ring expander. 2,327,934; Aug. 24.
- Morton, Brayton, et al., executor. (See Crane, Newton.)
- Morton, Charles D., assignor to Morton Manufacturing Company, Chicago, Ill. Tread plate. 2,326,963; Aug. 17.
- Morton, Edmund R., New York, N. Y., and H. M. Stoller, Mountain Lakes, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multifunit relay. 2,326,054; Aug. 3.

- Morton, Eldred O., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steam iron. 2,337,878; Dec. 21.
- Morton, Frank M., Phenix City, Ala., assignor to Morton Machine Works, Columbus, Ga. Calendar rack. 2,319,553; May 18.
- Morton, George A., Haddon Heights, N. J., assignor to Radio Corporation of America. Image reproducer. 2,319,195; May 11.
- Morton, Henry E., Muskegon Heights, Mich. Welding flash removing machine. 2,314,656; Mar. 23.
- Morton, Herbert, Joliet, Ill. Mechanical movement. 2,332,162; Oct. 19.
- Morton, John B., Jr. (See Sisk, C. F., and Morton.)
- Morton, John W. (See Eksergian, R., Morton, Morton, and Skiverson.)
- Morton, Joseph B., Dayton, Ohio. Method of and composition for treating cigarettes, cigarette paper, and tobacco. 2,329,927; Sept. 21.
- Morton, Kenneth E., Hood River, Oreg. Fish screen. 2,309,472; Jan. 26.
- Morton, Lysle W., Schenectady, N. Y., assignor to General Electric Company. Electric discharge apparatus. 2,307,531; Jan. 5.
- Morton Machine Works. (See Morton, Frank M., assignor.)
- Morton Manufacturing Company. (See Morton, Charles D., assignor.)
- Morton Manufacturing Company. (See Motter, Charles S., assignor.)
- Morton Salt Company. (See Martin, Clair H., assignor.)
- Morton, Thomas H. (See Cameron, W. G., and Morton.)
- Morton White & Co. (See Krueger, Albert G., assignor.)
- Morton, William A., Mount Lebanon Township, Allegheny County, assignor to The Ansler-Morton Company, Pittsburgh, Pa. Continuous heating furnace and operating the same. 2,329,211; Sept. 14.
- Morway, Arnold J. (See Zimmer, J. C., and Morway.)
- Morway, Arnold J., Clark Township, Union County, and J. C. Zimmer, Union, N. J., assignors to Standard Oil Development Company. Grease and manufacture thereof. 2,312,725; Mar. 2.
- Morway, Arnold J., Clark Township, Union County, and J. C. Zimmer, Union, N. J., assignors to Standard Oil Development Company. Lubricant. 2,332,247; Oct. 19.
- Moschel, Herman, F. D. Jones, V. V. Mappin, and M. E. McClellan, assignors to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Side delivery rake. 2,336,117; Dec. 7.
- Moschetto, Giuseppe, Turin, Italy; vested in the Allen Property Custodian. Manufacture of tubes and rods of sheet wood. 2,307,848; Jan. 12.
- Mosley, James W., Clayton, and G. E. Seldon, Kirkwood, Missouri, assignors to Carter Carburetor Corporation, St. Louis, Mo. Carburetor vapor relief valve. 2,316,882; Apr. 20.
- Mosley, John M., Richmond, and R. P. Hudson, Hanover County, Va., assignors to The American Tobacco Company, New York, N. Y. Treatment of tobacco. 2,309,975; Feb. 2.
- Mosley, Mabel L., New Iberia, La. Cross hairpin. 2,316,179; Apr. 13.
- Moseman, John W., Bethesda, Md. Container for bombs. 2,327,365; Aug. 24.
- Moser, Johannes, Berlin-Tegel, Germany; vested in the Allen Property Custodian. Treating tobacco. 2,317,792; Apr. 27.
- Moser, Clyde E. (See McFarlane, J. W., and Moser.)
- Mosher, Arthur H. (See Terzl, John, assignor.)
- Mosher, Ellsworth H., Merion, Pa. Vehicle safety door construction. 2,331,340; Oct. 12.
- Mosher, Frank A., Mechanicsburg, Pa. Hand stamp. 2,337,487; Dec. 21.
- Mosher, Merritt L., assignor to The Atlantic Refining Company, Philadelphia, Pa. Header plug. 2,329,411; Sept. 14.
- Moshler, Edson G. (See Hill, L. B., and Moshler.)
- Moske, Alexander W., assignor to Reynolds Spring Company, Jackson, Mich. Spring construction. 2,320,153; May 25.
- Moskowitz, Max, Bronx, N. Y. Mop and mop handle. 2,320,291; May 25.
- Mosley, Carl E. (See Birkenmaier, T., and Mosley.)
- Mosley, Carl E., Overland, assignor to W. N. Matthews Corporation, St. Louis, Mo. Electrical apparatus. 2,329,642; Sept. 14.
- Mosley, Walter O., Jr., North Zulch, Tex. Vise. 2,322,380; June 22.
- Mosling, Bernhard A., Oshkosh, Wis. Trailer and coupling therefor. 2,312,769; Mar. 2.
- Mosling, Bernhard A., Oshkosh, Wis. Apparatus for coupling tractors to trailers. 2,325,869; Aug. 3.
- Mosling, Bernhard A., Oshkosh, Wis. Trailer truck and boom therefor. 2,331,713; Oct. 12.
- Moss, Clarence E., Wichita, Kans. Riveting tool. 2,324,104; July 13.
- Moss, Creston M., Salt Lake City, Utah, assignor to Chicago Development Company, Chicago, Ill. Copper-aluminum-manganese alloy. 2,324,528; July 20.
- Moss, Earl C. (See Fischer, E. A., and Moss.)
- Moss, Eric B., London, assignor to S. Smith & Sons (Motor Accessories) Limited, Cricklewood, London, England. Electric lighting apparatus. 2,310,743; Feb. 9.
- Moss, Eric B., London, assignor to S. Smith & Sons (Motor Accessories) Limited, Cricklewood, London, England. Pneumatic pressure head. 2,325,018; July 20.
- Moss, Eric B., and V. J. S. Russell, assignors to S. Smith & Sons (Motor Accessories) Limited, London, England. Heating apparatus. 2,316,098; Apr. 6.
- Moss, Franklin, Hollis, and J. F. Kirby, Jr., Brooklyn, N. Y., said Kirby, assignor to said Moss. Method of making rubber printing plates. 2,330,002; Sept. 21.
- Moss, Hilary. (See Shelton, E. E., and Moss.)
- Moss, Jacob S., assignor to Scott & Williams, Incorporated, Lanconia, N. H. Knitting mechanism. 2,333,067; Nov. 9.
- Moss, Jim H., Boise, Idaho. Combined wrench and pliers. 2,324,415; July 13.
- Moss, Joseph H., Mount Vernon, N. Y. Drawstring at each side cover. 2,336,950; Dec. 14.
- Moss, Theron V. (See Fullerton, G. H., and Moss.)
- Moss, William H., London, England, assignor to Celanese Corporation of America. Preparation of aromatic sulphonamide-phenol-dihalide reaction products. 2,319,876; May 25.
- Moss, William H., London, England, assignor to Celanese Corporation of America. Composite material. 2,325,700; Aug. 3.
- Moss, William H., London, England, assignor to Celanese Corporation of America. Container and its manufacture. 2,332,589; Oct. 26.
- Mossberg, Harold F., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Firearm. 2,335,600; Nov. 30.
- Mossberg, O. F., & Sons, Inc. (See Mossberg, Harold F., assignor.)
- Mosser, James K., Springfield, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade shroud fastening. 2,315,641; Apr. 6.
- Mosser, James K., Springfield, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade shroud fastening. 2,315,642; Apr. 6.
- Mosshart, Donald J. (See Foreman, R. A., and Mosshart.)
- Mosshart, Donald J., Ardmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine gland apparatus. 2,330,730; Sept. 28.
- Mossinghoff, Bernard H., Chicago, Ill. Brake operator. 2,311,120; Feb. 16.
- Most, Lucifer J., Hudson County, N. J. Mechanical pencil. 2,329,355; Sept. 14.
- Moster, William T., Chicago, Ill. Music notation ruler. 2,329,551; Sept. 14.
- Mostow Co., The. (See Braun, August J., assignor.)
- Motch, Edwin R., Jr., Cleveland, and J. G. Moohl, Cleveland Heights, assignors to The Motch & Merryweather Machinery Company, Cleveland, Ohio. Rotary tool machine. 2,312,573; Mar. 2.
- Motch & Merryweather Machinery Company, The. (See Moohl, Johan G., assignor.)
- Motch & Merryweather Machinery Company, The. (See Motch, E. R., Jr., and Moohl, assignors.)
- Mote, Thomas H., Chicago, Ill., assignor to Automatic Electric Laboratories, Inc. Signaling system. 2,329,557; Sept. 18.
- Mothwafer, Arthur E. F., Philadelphia, Pa., assignor by mesne assignments, to Imperial Rayon Corporation, Gloucester, N. J. Rayon manufacture. 2,319,428; May 18.
- Motor Products Corporation. (See Lootens, Ralph H., assignor.)
- Motor Products Corporation. (See Mackey, Henry W., assignor.)
- Motor Repair and Manufacturing Company, The. (See Levison, C., Johnson, and Bennett, assignors.)
- Motor Wheel Corporation. (See Horn, Harry J., assignor.)
- Motor Wheel Corporation. (See Jones, Don F., assignor.)
- Motor Wheel Corporation. (See Jones, Don F., and Miller, assignors.)
- Motor Wheel Corporation. (See Lyon, Claude H., assignor.)
- Motor Wheel Corporation. (See Miller, John W., assignor.)
- Motor Wheel Corporation. (See Miller, J. W., and Fell, assignors.)
- Motor Wheel Corporation. (See Stough, Charles R., assignor.)
- Motor Wheel Corporation. (See Van Halteren, A. S., and Gressie, assignors.)
- Mott, Aaron A. (See Kryl, Godfried, assignor.)
- Mott, Carl W. (See Lindgren, A. C., and Mott.)
- Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. High pressure hose fitting. 2,314,236; Mar. 16.
- Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Diaphragm pressure motor. 2,320,191; May 25.
- Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Hydraulic lifting arrangement. 2,324,866; July 20.
- Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Two-way plow. 2,324,868; July 20.
- Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Tractor cultivator. 2,325,870; Aug. 3.

- Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Agricultural implement. 2,330,304; Sept. 28.
- Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Power arrangement for agricultural implements. 2,332,739; Oct. 26.
- Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Control mechanism for fluid-actuated devices. 2,332,740; Oct. 26.
- Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Power lift device. 2,332,741; Oct. 26.
- Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Load-moving machine. 2,332,742; Oct. 26.
- Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Power device for implements. 2,337,762; Dec. 28.
- Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Agricultural implement. 2,337,763; Dec. 28.
- Mott, Carl W., La Grange, Ill., assignor to International Harvester Company. Power lift mechanism. 2,337,764; Dec. 28.
- Mott, Carl W., La Grange, and H. P. Smith, Canton, Ill., assignors to International Harvester Company. Movable means for tractor mounted implements. 2,324,867; July 20.
- Mott, Chester, Evanston, and A. F. Chouinard, assignors to National Cylinder Gas Company, Chicago, Ill. Torch cutting machine. 2,336,626; Dec. 14.
- Mott, Everett V. (See Rudd, M. A., Mott, and Rovere.)
- Mott, Harry J. (See Benjamin, H., and Mott.)
- Mott, Harry J., Minoa, Ill., assignor to International Harvester Company. Earth leveling device. 2,337,725; Dec. 28.
- Motte, Jean, Corbas, and J. Pomot, Lyon, France; vested in the Allen Property Custodian. Protection of insecticides. 2,309,860; Feb. 2.
- Motter, Charles S., assignor to Morton Manufacturing Company, Chicago, Ill. Drawer construction. 2,328,835; Sept. 7.
- Mottish, Henry O., Elizabeth, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Preparing dioxolins. 2,335,691; Nov. 30.
- Mottlau, August Y., Clark Township, and P. Miller, Elizabeth, N. J., assignors to Standard Oil Development Company. Motor fuel. 2,321,311; June 8.
- Motz, Hans, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge apparatus. 2,316,276; Apr. 13.
- Motz, Hans, Blackheath, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge apparatus. 2,323,560; July 6.
- Mougey, Wilbur E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Shielding for communication circuits. 2,319,744; May 18.
- Moul, James E., Scarsdale, and C. H. Petry, Bronx, assignors to The Turbo-Mixer Corporation, New York, N. Y. Mixing apparatus. 2,337,932; Dec. 28.
- Moulin, Irving V., San Francisco, Calif. Photographic apparatus. 2,321,697; June 15.
- Moulton, Harold R., assignor to American Optical Company, Southbridge, Mass. Heat retarding device. 2,314,363; Mar. 23.
- Moulton, Harold R., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting and making the same. 2,320,375; June 1.
- Mounce, Whitman D. (See Thompson, R. R., and Mounce.)
- Mounce, Whitman D., Houston, Tex., assignor to Standard Oil Development Company. Resistance thermometer. 2,315,127; Mar. 30.
- Mount, Alfred, Gadsden, Ala., assignor to General Properties Company, Inc., Toledo, Ohio. Work indexing apparatus for walking beam furnaces. 2,335,601; Nov. 30.
- Mount, Wadsworth W., Summit, N. J. Antitortoise shield. 2,313,664; Mar. 9.
- Mount, Walter M., Tulsa, Okla. Demulsifying and settling tank. 2,326,384; Aug. 10.
- Mountjoy, Garrard M. (See Foster, D. E., and Mountjoy.)
- Mountjoy, Garrard, Manhasset, N. Y., assignor to Radio Corporation of America. Dual signal frequency transmission network. 2,316,883; Apr. 20.
- Mountjoy, Henry L., Sandpoint, Idaho. Closure fastener. 2,307,634; Jan. 5.
- Mounds, Wilfred V., Stratford, Conn., assignor to Remington Arms Company, Inc. Multipart rivet. 2,327,924; Aug. 24.
- Mouradian, Hughes, Philadelphia, Pa. System for overcoming thermal agitation noise and inductive disturbance noises in carrier systems. 2,336,627; Dec. 14.
- Mourey, Charles R., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Business machine mounting means. 2,317,934; Apr. 27.
- Moutray, Thomas E., Industrial City, assignor to The Universal Royalty and Development Company, St. Joseph, Mo. Sugar sirup composition. 2,307,062; Jan. 5.
- Movie-Mite Corporation. (See Calvin, F. O., Wilson, and Smith, assignors.)
- Movie Screen Advertising Company of Hollywood. (See Bodde, Bernard M., assignor.)
- Mowery, Jesse R., Jr., and W. W. Gardner, assignors to De Witt Products Corporation, Lancaster, Pa. Cutting machine. 2,329,357; Sept. 14.
- Moxey, Fred W., Aurora, assignor to American Molded Products Co., Chicago, Ill. Bumper switch for ball rolling games. 2,310,163; Feb. 2.
- Moxey, Fred W., and R. W. Feldott, Aurora, assignors to American Molded Products Co., Chicago, Ill. Switch device for ball rolling games. 2,308,297; Jan. 12.
- Moxley, William M., Kansas City, Mo. Switchless multiple bulb electric lantern. 2,308,821; Jan. 19.
- Moxley, William M., Kansas City, Mo. Closure for receptacles. 2,312,843; Mar. 2.
- Moxley, William M., Kansas City, Mo. Combined switch and spare bulb carrier for electric hand lanterns. 2,312,844; Mar. 2.
- Moy, William M., Kansas City, Mo. Combined battery and cover retaining means for electric hand lanterns. 2,315,726; Apr. 6.
- Moxley, William M., Kansas City, Mo. Multiple switch, multiple bulb electric lantern. 2,324,715; July 20.
- Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Electric regulating circuit. 2,331,131; Oct. 5.
- Moyer, Elmo E., Scotia, N. Y., assignor to General Electric Company. Electric valve circuits. 2,337,918; Dec. 28.
- Moyer, Elmo E., and O. W. Livingston, Scotia, N. Y., assignors to General Electric Company. Control system. 2,312,116; Feb. 23.
- Moyer, Elmo E., and O. W. Livingston, Scotia, and H. Leigh, New Rochelle, N. Y., assignors to General Electric Company. Control system. 2,312,117; Feb. 23.
- Moyer, Elmo E., Scotia, and A. Schmidt, Jr., Niskayuna, N. Y., assignors to General Electric Company. Electric valve circuits. 2,320,790; June 1.
- Moyer, Elmo E., Scotia, and C. C. Clymer, Altamont, N. Y., assignors to General Electric Company. Electric frequency changing system. 2,335,874; Dec. 7.
- Moyer, Harold J., Summit, N. J., assignor to Standard Oil Development Company. Refining of mineral oils. 2,311,562; Feb. 16.
- Moyer, Richard E., assignor to Gleason Works, Rochester, N. Y. Tool mechanism for gear-cutting machines. 2,321,765; June 15.
- Moyre, Walter E., Decatur, Ill., assignor to The Solvay Process Company, New York, N. Y. Treatment of organic compounds. 2,322,308; June 22.
- Moyer, Wendell W., Decatur, Ill., assignor to The Solvay Process Company, New York, N. Y. Manufacture of phenols. 2,328,920; Sept. 7.
- Moyle, Clarence L. (See Britton, E. C., and Moyle.)
- Moyle, Clarence L. (See Taylor, F. L., and Moyle.)
- Moyle, Clarence L., assignor to The Dow Chemical Company, Midland, Mich. Insecticides. 2,330,234; Sept. 28.
- Moyle, Randall, Mehlville, assignor of one-fourth to M. Keeton, one-fourth to C. R. Cullmann, and one-fourth to F. J. Gosebrink, St. Louis, Mo. Hot-air furnace. 2,315,909; Apr. 13.
- Moyle, Walter E. (See Hackler, E. W., and Moyle.)
- Moynahan Bronze Co. (See Cudini, Roger G., assignor.)
- Moynahan, Roy D. B. (See Cudini, Roger G.)
- Moynihan, John J., assignor of one-half to J. B. Brennan, Cleveland, Ohio. Television. 2,321,611; June 15.
- Moynihan, John J., Boston, Mass., assignor of one-half to Joseph B. Brennan, Euclid, Ohio. Loud-speaker and circuit therefor. 2,328,836; Sept. 7.
- Mozdy, Charles B., San Diego, Calif. Shear sharpener. 2,325,266; July 27.
- Mraz, Leslie E., Stickney, Ill. Bone splint. 2,333,033; Oct. 26.
- Mu Switch Corporation. (See Nordberg, Ernst A., assignor.)
- Muehnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Truck bolster suspension means. 2,330,305; Sept. 28.
- Muckat, Irving E., and M. A. Pollack, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Polymerized esters of polymeric unsaturated alcohols and manufacture thereof. 2,332,460; Oct. 19.
- Muckus, Anthony G. (See Woodford, J. C., and Muskus.)
- Mudge, William A. (See Queneau, P. E., and Mudge.)
- Mudge, William A., assignor to The International Nickel Company, Inc., New York, N. Y. Furnace. 2,336,366; Dec. 7.
- Mudon, Thomas J., assignor to Safe Delay Switch Corporation, Chicago, Ill. Time delay mechanism. 2,317,078; Apr. 20.
- Muehler, Manfred W., Nutley, assignor to American District Telegraph Company, Jersey City, N. J. Signaling system. 2,308,198; Jan. 12.
- Muehler, Manfred W., Nutley, assignor to American District Telegraph Company, Inc., Jersey City, N. J. Unit transmitter printing and signaling system. 2,309,660; Feb. 2.
- Muehler, Manfred W., Nutley, assignor to American District Telegraph Company, Jersey City, N. J. Transmitter. 2,311,455; Feb. 16.

- Mueller Can & Tube Co. (See Benson, Henry J., assignor.)
- Mueller Co. (See Bowman, W. J., and Fawley, assignors.)
- Mueller Co. (See Mueller, Frank H., assignor.)
- Mueller Co. (See Mueller, F. H., and Bowman, assignors.)
- Mueller Co. (See Mueller, F. H., Bowman, and Fawley, assignors.)
- Mueller-Cunradi, Martin, and W. Daniel, Ludwigshafen-on-the-Rhine, Germany, assignors to Jascen Incorporated, Chicago, Ill. Compositions containing polyisobutylene. 2,316,706; Apr. 13.
- Mueller-Cunradi, Martin, Ludwigshafen-on-the-Rhine, A. Cantzler, and H. Kerkeler, Mannheim, Germany, assignors by mesne assignments to General Aniline & Film Corporation, New York, N. Y. Manufacture of halogenated hydrocarbons. 2,315,323; May 4.
- Mueller, Erhard, assignor to Harry Winston, Inc., New York, N. Y. Diamond cutting and polishing machine. 2,320,376; June 1.
- Mueller, Erhard, assignor to Harry Winston, Inc., New York, N. Y. Diamond cutting and polishing machine. 2,320,377; June 1.
- Mueller, Ervin H., Grosse Pointe Park, assignor to Lincoln Brass Works, Inc., Detroit, Mich. Lighter for gas burners. 2,334,345; Nov. 16.
- Mueller, Ervin H., Grosse Pointe, assignor to Lincoln Brass Works, Inc., Detroit, Mich. Valve. 2,334,346; Nov. 16.
- Mueller, Frank H., assignor to Mueller Co., Decatur, Ill. Valve structure. 2,321,233; June 8.
- Mueller, Frank H., and W. J. Bowman, assignors to Mueller Co., Decatur, Ill. Drilling apparatus. 2,314,012; Mar. 16.
- Mueller, Frank H., and W. J. Bowman, assignors to Mueller Co., Decatur, Ill. Drilling apparatus. 2,314,013; Mar. 16.
- Mueller, Frank H., and W. J. Bowman, assignors to Mueller Co., Decatur, Ill. Drilling apparatus. 2,314,014; Mar. 16.
- Mueller, Frank H., and W. J. Bowman, assignors to Mueller Co., Decatur, Ill. Drilling apparatus. 2,318,321; May 4.
- Mueller, Frank H., and W. J. Bowman, assignors to Mueller Co., Decatur, Ill. Drilling apparatus. 2,324,225; July 13.
- Mueller, Frank H., W. J. Bowman, and E. H. Fawley, assignors to Mueller Co., Decatur, Ill. Corporation stop. 2,331,714; Oct. 12.
- Mueller, Frank H., and W. J. Bowman, assignors to Mueller Co., Decatur, Ill. Drilling apparatus. 2,334,278; Nov. 16.
- Mueller, Fred E., Chicago, Ill. Temperature control system for internal combustion engines. 2,309,976; Feb. 2.
- Mueller, Frederick H., assignor of one-half to M. D. Mueller, Grand Rapids, Mich. Chair. 2,333,073; Oct. 26.
- Mueller, Fritz W. H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Soluble photographic layer of colloidal gums and conditioning such gums for such use. 2,220,905; Oct. 5.
- Mueller, George C., assignor to Cullen-Friedstedt Company, Chicago, Ill. Work positioner. 2,318,791; May 11.
- Mueller, George E., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,326,877; Aug. 17.
- Mueller, Homer L., assignor to The Cleveland Welding Company, Cleveland, Ohio. Hydraulic constrictor brake. 2,318,880; May 11.
- Mueller, John. (See Lasker, W. W., and Mueller.)
- Mueller, John, North Bergen, N. J., assignor to Remington Rand Inc., Buffalo, N. Y. Tabulating machine. 2,307,635; Jan. 6.
- Mueller, John, North Bergen, N. J., assignor to Remington Rand Inc., Buffalo, N. Y. Paper feed mechanism. 2,311,456; Feb. 16.
- Mueller, John, North Bergen, N. J., assignor to Remington Rand Inc., Buffalo, N. Y. Computing and accounting machine. 2,323,836; July 6.
- Mueller, Mary D. (See Mueller, Frederick H., assignor.)
- Mueller, Moritz L., Grosse Pointe, and G. R. Neumann, St. Clair Shores, Mich., assignors to Borg-Warner Corporation, Chicago, Ill. Thermostatic control for pot-type burners. 2,331,219; Oct. 5.
- Mueller, Oskar. (See Kleinschmit, O., and Mueller.)
- Mueller, Otto, Dearborn, assignor to The Murray Corporation of America, Detroit, Mich. Securing cross members to frames. 2,315,643; Apr. 6.
- Mueller, Otto, Dearborn, assignor to The Murray Corporation of America, Detroit, Mich. Rivet sticker. 2,322,381; June 22.
- Mueller, Paul M., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Mold. 2,310,805; Feb. 9.
- Mueller, Paul M., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Mold. 2,316,180; Apr. 13.
- Mueller, Richard W., assignor to Kerotest Manufacturing Company, Pittsburgh, Pa. Valve. 2,336,282; Dec. 7.
- Mueller, V., & Company. (See Mages, Morris, assignor.)
- Mueller, Walter W., Douglaston, N. Y. Musical instrument, etc. 2,328,574; Sept. 7.
- Muench, Carl G., New Orleans, La., assignor to The Celotex Corporation, Chicago, Ill. Apparatus for felting fibrous sheets. 2,325,338; July 27.
- Muench, Carl G., New Orleans, La., assignor to The Celotex Corporation, Chicago, Ill. Felting sheet material. 2,336,428; Dec. 14.
- Muench-Kreuzer Candle Co. (See Guilfoil, Oscar D., Jr., assignor.)
- Muerle, Richard W., Springfield, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Cream separator or the like. 2,325,871; Aug. 3.
- Muessig, Clifford W. (See Bue, H. E., and Muessig.)
- Muffy, Glenn, Springfield, Ohio. Refrigerating mechanism. 2,324,45; Jan. 30.
- Muhlm, Joseph F., assignor to Henry Owens & Company, Inc., Providence, R. I. Attachment for preventing idle filling threads from entering cloth on multiple shuttle looms. 2,336,118; Dec. 7.
- Muhleck, Earl M., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Direction signal switch. 2,334,882; Nov. 23.
- Muhlhauser, Frederick P., Rochester, N. Y., assignor, by mesne assignments, to Superba Cravats, Combined display tray and container. 2,331,493; Oct. 12.
- Muhr, John, Osborn, Ohio. Radiator protector. 2,311,457; Feb. 16.
- Mulder, Cornelis A. H., Utrecht, Netherlands; vested in the Alien Property Custodian. Power transmission system. 2,315,444; Apr. 6.
- Mulder, Johannes G. W., Eindhoven, Netherlands; vested in the Alien Property Custodian. Incandescent cathode. 2,319,338; May 18.
- Muldoon, Bernard F., Mountain View, N. J., assignor to Henry Hyman, Brooklyn, N. Y. Dry battery cell. 2,325,070; July 27.
- Muldoon, John J., Roseville, assignor to Tarnstedt Manufacturing Company, Detroit, Mich. Door-hold-open device. 2,314,416; Mar. 23.
- Mulert, Theodor. (See Bähring, H., and Mulert.)
- Mulholland, David L., Fort Myers, Fla. Billet grinding machine. 2,334,023; Nov. 9.
- Mulholland, David E., Reading, Pa. Fluid pressure diaphragm. 2,334,119; Nov. 9.
- Mulholland, Thomas, Pittsburgh, Pa. Pipe thread protector. 2,316,013; Apr. 8.
- Mulholland, Vergil, West Hartford, assignor to Hartford-Emple Company, Hartford, Conn. Glass making furnaces or tank. 2,310,451; Feb. 9.
- Mulholland, Vergil, West Hartford, assignor to Hartford-Emple Company, Hartford, Conn. Burner means, especially for glass making furnaces or tanks. 2,310,704; Feb. 9.
- Mullen, John B. (See Crowley, C. A., and Mullen.)
- Mullen, John E., Boston, Mass. Making contact lenses. 2,330,937; Oct. 5.
- Mullen, Milton R., Philadelphia, Pa. Propeller. 2,307,849; Jan. 12.
- Mullenbach, Charles F., assignor to Mullenbach Electrical Manufacturing Company, Los Angeles, Calif. Variable resistor for arc welder fields. 2,308,199; Jan. 12.
- Mullenbach Electrical Manufacturing Company. (See Mullenbach, Charles F., assignor.)
- Müller, A., & Cie, Maschinenfabrik und Eisengieserei Aktiengesellschaft. (See Maurer, Gottfried, assignor.)
- Muller, Albert B., Fort Wayne, Ind., assignor to Juvenile Wood Products, Inc. Toilet seat attachment. 2,332,658; Oct. 26.
- Muller, Arnold. (See Lewis, John O., assignor.)
- Muller, Erich. (See Nusslein, J., and Muller.)
- Muller, Ferdinand H., Montclair, N. J. Cutter. 2,320,460; June 1.
- Muller, Herman E., Sr., Swislevale, Pa. Material handling mechanism. 2,331,416; Oct. 12.
- Muller, Ignaz, New York, N. Y. Manufacture of separators. 2,328,027; Aug. 31.
- Muller, Jacques, Crepieux Ain, France. Laminated sole construction. 2,314,237; Mar. 16.
- Muller, Johan A., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Blank holder press. 2,323,410; July 6.
- Muller, Johan A., Dayton, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Drawing press. 2,325,146; July 27.
- Muller, Johan A., and I. B. Lawyer, Mount Gilead, Ohio, assignors to The Hydraulic Development Corporation, Inc., Wilmington, Del. Electrically controlled reciprocating fluid motor. 2,317,549; Oct. 27.
- Muller, Johannes, Berlin, Germany; vested in the Alien Property Custodian. Ultra short wave amplifier circuit. 2,310,455; Feb. 9.
- Müller, Karl H., Glen Ridge, and R. E. Ressler, Morristown, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,319,339; May 18.
- Müller, Max A., Biederitz, Germany; vested in the Alien Property Custodian. Combustion chamber for gas-flow engines. 2,322,866; Oct. 26.
- Müller, Paul, Neu-Altschwil, near Basel, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Devitalizing compositions of matter. 2,329,074; Sept. 7.
- Müller, Ralph H., New York, N. Y., assignor to E. Leitz, Inc. Photoelectric photometer. 2,326,878; Aug. 17.
- Müller, Richard, and H. Lee, Radebeul, near Dresden, Germany; vested in the Alien Property Custodian. Making electrolyte paste. 2,310,861; Feb. 9.

- Müller, Richard, and H. Lee, Radebeul, near Dresden, Germany; vested in the Alien Property Custodian. Electrolyte paste and making same. 2,330,607; Sept. 28.
- Muller, Robert A., Wellesley, Mass., assignor to No Nail Cases Proprietary, Limited, Melbourne, Victoria, Australia. Box. 2,307,766; Jan. 5.
- Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Carriage decelerating means for business machines. 2,335,438; Nov. 30.
- Muller, Ronald. (See Markgraf, F. H., Jr., and Fay.)
- Müller, Rudolf. (See Zerweck, W., Müller, and Bähr.)
- Müller, Rudolph, Elizabeth, N. J. Blade adjustment for wood planers. 2,328,368; Aug. 31.
- Mullgardt, Alex S. (See Cherry, C. W., and Mullgardt.)
- Mullies, Thomas A., New Kensington, assignor of one-half to F. H. J. Zivic, Pittsburgh, Pa. Smoking pipe. 2,335,786; Nov. 30.
- Mulligan, John J., East Chicago, Ind., assignor to L. R. Birkenstein. Recovery of soluble lead salts from insoluble lead compounds. 2,328,089; Aug. 31.
- Mulligan, Patrick J. (See Crane, C. O., and Mulligan.)
- Mulligan, Robert E., East St. Louis, assignor to The Blue Line Chemical Co., St. Louis, Mo. Sterilizing medicinal pellets or the like. 2,329,928; Sept. 21.
- Mullin, James B. (See Eggleston, H. L., Pierson, and Mullin.)
- Mullinix, Charles D., South Pasadena, Calif. Moisture-proof package. 2,334,019; Nov. 23.
- Mullins Manufacturing Corporation. (See Adams, Marshall B., assignor.)
- Mullins Manufacturing Corporation. (See Stanitz, Jacques, assignor.)
- Mullins Manufacturing Corporation. (See White, Richard F., assignor.)
- Mulins, Virgil R., Swayzee, Ind. Cartographic instruction device. 2,326,385; Aug. 10.
- Mulock, Wilson M., Chatham, Mass. Apparatus for controlling heating systems. 2,309,915; Feb. 2.
- Multipresses, Inc. (See Neumann, Leopold, assignor.)
- Muma, George E., Detroit, Mich., and L. A. De More, Chicago, Ill., assignors to Divo-Twin Truck Company, Detroit, Mich. Method and apparatus for draining water from insulation of refrigerated truck bodies. 2,307,850; Jan. 12.
- Mumbrauer, William, New York, N. Y. Stepladder. 2,325,793; Aug. 3.
- Mumford, Roy H., Harrow Weald, assignor to Aviation Developments Limited, Welwyn Garden City, England. Machine for automatically producing pressure shaped articles, more especially tapered bore rivets. 2,308,096; Jan. 12.
- Mumma, Harold J., Glendale, and Z. Leonard, Burbank, Calif. Fruit marking machine. 2,311,563; Feb. 16.
- Munday, Walter A. (See Roney, R. B., and Munday.)
- Mundy, Elias G., New York, N. Y., assignor to Mundy Grain Trimmers Patent Ltd., Montreal, Quebec, Canada. Grain trimming device. 2,318,881; May 11.
- Mundy Grain Trimmers Patents Ltd. (See Mundy, Elias G., assignor.)
- Munday, John C., Cranford, N. J., assignor to Standard Oil Development Company. Handling finely divided materials. 2,311,564; Feb. 16.
- Munday, John C., Baton Rouge, La., assignor to Standard Oil Development Company. Conversion of hydrocarbon. 2,322,553; Aug. 10.
- Mundet Cork Corporation. (See Ott, Frederick C. A., assignor.)
- Mundel, Marvin E. (See Mathias, P. V., and Mundel.)
- Muney, William A., and C. Wapner, Brooklyn, N. Y. Waterproof watchcase. 2,332,458; Oct. 19.
- Muney, William A., and C. Wapner, Brooklyn, N. Y. Waterproof watchcase. 2,332,459; Oct. 19.
- Munford, Theodore W., Ottawa Hills, assignor to General Properties Company, Inc., Toledo, Ohio. Heat treating apparatus. 2,336,951; Dec. 14.
- Munising Paper Company, The. (See Ullman, Martin, assignor.)
- Munitions, Incorporated. (See Firing, Fritz E., assignor.)
- Munn, Adolph T., Pageland, S. C. Sandpapering machine. 2,311,346; Feb. 16.
- Munro, George C. (See Bradner, D. B., and Munro.)
- Munro, George C., assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Hydraulic calendar. 2,312,726; Mar. 2.
- Munschauer, Frederick E., assignor to Niagara Machine and Tool Works, Buffalo, N. Y. Back gauge for shears. 2,310,182; Feb. 2.
- Munsingwar, Inc. (See Chatfield, F., and Lindh, assignors.)
- Munson, Horace D., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Electrolytic cell. 2,328,665; Sept. 7.
- Munson, Louis S., Bandyswine Hundred, and H. W. Mahr, Christiansa Hundred, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of sulphuric acid. 2,337,060; Dec. 21.
- Munters, Carl G., and M. Hedmark, Stockholm, Sweden. Heating system. 2,307,600; Jan. 5.
- Munters, Carl G., and M. Hedmark, Stockholm, Sweden. Heating system. 2,307,532; June 1.
- Munthesen, Niels, Copenhagen, Denmark, vested in the Alien Property Custodian. Electric timeswitch. 2,313,569; Mar. 9.
- Münz, Ferdinand, Frankfurt-on-the-Main, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Dye bath for the dyeing of textile goods. 2,308,021; Jan. 12.
- Murad, Wadia H., Watford, England. Control system for capstan lathes and like machine tools. 2,321,312; June 8.
- Murata, Seizo, San Francisco, Calif. Frame for glare shields. 2,323,072; June 29.
- Murcek, Slavo J. (See Smith, C. E., and Murcek.)
- Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Automatic die press. 2,311,682; Feb. 23.
- Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Can closing machine. 2,322,250; June 22.
- Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Machine for making container parts. 2,334,213; Nov. 16.
- Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Sterilizing machine. 2,337,061; Dec. 21.
- Murch, John H., East Orange, N. J., and W. P. Winters, Cincinnati, Ohio, assignors to American Can Company, New York, N. Y. Sheet feeding device. 2,336,499; Dec. 14.
- Murdaugh, Alexander G., and H. V. Murdaugh, Griffin, Ga. Leg rest. 2,328,991; Sept. 7.
- Murdaugh, Herschel V. (See Murdaugh, A. G., and Herschel.)
- Murdoch, Alexander, Philadelphia, Pa., and W. D. Van Dyke, Riverton, N. J., assignors to Radio Corporation of America, Antenna reel. 2,312,262; Feb. 23.
- Murdoch, Benjamin. (See Madden, E. G., and Murdoch.)
- Murdock, Frederick M. (See Webber, C. S., Luce and Murdock.)
- Murdock, Frederick M., Chicopee Falls, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Phenol aldehyde resin. 2,321,766; June 15.
- Mureau, Charles A., Los Angeles, Calif. Cosmetic applicator. 2,309,861; Feb. 2.
- Murphy, Cliff H., Portsmouth, Ohio. Emblem securing device. 2,312,183; Feb. 23.
- Murnane, Daniel J., Hollywood, Calif., deceased, G. E. and G. D. Murnane, administratrices. Safety glass setting. 2,312,667; Mar. 2.
- Murnane, Gertrude D., et al., administratrices. (See Murnane, Daniel J.)
- Murnane, Grace E., et al., administratrices. (See Murnane, Daniel J.)
- Muros, Joseph. (See Stampleman, S. C., and Muros.)
- Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Blade magazine. 2,308,383; Jan. 12.
- Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine for safety razors. 2,309,780; Feb. 2.
- Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and blade. 2,335,875; Dec. 7.
- Muros, Joseph, Cambridge, and T. L. Smith, Concord, Mass. Safety razor. 2,311,957; Feb. 23.
- Muros, Joseph, Cambridge, and S. C. Stampleman, Cohasset, assignors to Gillette Safety Razor Company, Boston, Mass. Magazine safety razor. 2,334,833; Nov. 23.
- Murpree, Eger V. (See Tyson, C. W., Murpree, and Fischer.)
- Murphy, Bernard J., St. Paul, Minn. Hand grip for electric irons. 2,324,226; July 13.
- Murphy, Chalmers E., Cleveland Heights, assignor to Porcelain Steels, Inc., Cleveland, Ohio. Enameled tank. 2,330,306; Sept. 28.
- Murphy, Charles P., Cleveland, Ohio. Animal feeding apparatus. 2,330,828; June 1.
- Murphy, Edward A., Wyde Green, England, F. J. Paton, and J. Ansell, Batu Anam, Johore, assignors to Dunlop Rubber Company Limited, London, England. Apparatus for the electrical treatment of colloidal dispersions. 2,331,494; Oct. 12.
- Murphy, Edward B., Linden, N. J., assignor to Wilson-Jones Company, Chicago, Ill. Loose-leaf binder. 2,311,620; Feb. 16.
- Murphy, Gerald, Milwaukee, Wis., assignor to The United States Printing & Lithograph Company, Cincinnati, Ohio. Making labels. 2,319,783; May 25.
- Murphy, Harley F., and T. J. Horton, St. Paul, Minn. Tire chain applying tool. 2,333,877; Nov. 9.
- Murphy, Harry S., assignor to Coreco, Inc., Buffalo, N. Y. Water heater. 2,310,253; Feb. 9.
- Murphy, Helendoris, et al. (See Fear, Ernest D., assignor.)
- Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Rotary operative fastener device and installation of the same. 2,309,737; Feb. 2.
- Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Lock nut device. 2,314,728; Mar. 23.
- Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener for trimming and like strips. 2,322,656; June 22.

- Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener for trimming and like strips. 2,327,328; Aug. 17.
- Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener and fastener installation. 2,327,329; Aug. 17.
- Murphy, Howard J., Greenwood, Mass., assignor to Boots Aircraft Nut Corporation, New Canaan, Conn. Nut retainer. 2,333,386; Nov. 2.
- Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Cowl and the like fastener. 2,334,680; Nov. 16.
- Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Rotary operative closure fastener. 2,334,681; Nov. 16.
- Murphy, James, Chicago, assignor to C. J. Cretors, Highland Park, Ill. Brake shoe. 2,331,563; Oct. 12.
- Murphy, John F., Fitchburg, assignor to Lever Brothers Company, Cambridge, Mass. Hydrolysis of fats and oils. 2,310,986; Feb. 16.
- Murphy, Maxwell K., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automatic vehicle brake. 2,308,922; Jan. 19.
- Murphy, Peter, New York, N. Y. Solid tire cushion wheel. 2,333,947; Nov. 9.
- Murphy, Shirley D., Indianapolis, Ind. Reversible rear view mirror. 2,307,532; Jan. 5.
- Murphy, Thomas J., Liberty, N. Y. Amusement device. 2,318,658; May 11.
- Murphy, Thomas, Stamford, Conn. Dry shaver cutter head. 2,325,267; July 27.
- Murphy, Thomas W., Penn Valley, Lower Merion Township, Montgomery County, assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Spray nozzle. 2,319,767; May 18.
- Murphy, Walter P., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Refrigerator car construction. 2,311,990; Feb. 23.
- Murphy, William H., executor. (See DeLisle, Harold L.)
- Murphy, William P. (See Ragan, Mike, assignor.)
- Murray, Alan E., Wilmington, Del. Manufacturing shoes. 2,332,000; Oct. 19.
- Murray, Alexander, assignor to Eastman Kodak Company, Rochester, N. Y. Halftone screen. 2,311,071; Feb. 16.
- Murray, Alexander, and J. A. C. Yule, assignors to Eastman Kodak Company, Rochester, N. Y. Photomechanical process. 2,310,070; May 11.
- Murray Company, The. (See Thompson, Henry E., assignor.)
- Murray Corporation, The. (See Clark, Noble C., assignor.)
- Murray Corporation. (See Murray, John A., assignor.)
- Murray Corporation of America, The. (See Fisher, L. C. and Keeler, assignors.)
- Murray Corporation of America, The. (See Graebner, Otto F., assignor.)
- Murray Corporation of America, The. (See Haberstump, Alfred H., assignor.)
- Murray Corporation of America, The. (See Lamb, R. H., and Baker, assignors.)
- Murray Corporation of America, The. (See Mueller, Otto, assignor.)
- Murray Corporation of America, The. (See Peterson, Clifford E., assignor.)
- Murray Corporation of America, The. (See Tea, Clark A., assignor.)
- Murray Corporation of America, The. (See Widman, Charles H., assignor.)
- Murray Corporation of America, The. (See Widman, C. H., and Clark, assignors.)
- Murray, D. J., Manufacturing Co. (See Nowak, J. B., Preston, and Sargent, assignors.)
- Murray, D. J., Manufacturing Co. (See Staky, Carl E., assignor.)
- Murray Deodorisers Limited. (See Murray, Henry L., assignor.)
- Murray, Ernest E., Detroit, Mich. Buffing or polishing machine. 2,324,416; July 13.
- Murray, Ernest E., Detroit, Mich. Buffing machine. 2,325,622; Aug. 3.
- Murray, Ernest E., Detroit, Mich. Polishing machine. 2,325,701; Aug. 3.
- Murray, Gilbert. (See Schmidt, C. J., and Murray.)
- Murray, Henry L., Parnell, Auckland, assignor to Murray Deodorisers Limited, Auckland, New Zealand. Apparatus for pasteurizing and/or deodorizing and cooling infecal liquids under vacuum. 2,314,455; Mar. 23.
- Murray, Henry L., Epsom, Auckland, assignor to Murray Deodorisers Limited, Auckland, New Zealand. Treating ice cream mixes and the like. 2,325,534; July 27.
- Murray, Howard J., Jr., New York, N. Y. Signal control means. 2,308,097; Jan. 12.
- Murray, Howard J., Jr., New York, N. Y. Vehicle signal. 2,320,641; June 1.
- Murray, Irvin L., and F. H. Roberts, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Separation of aliphatic anhydrides from mixtures containing water. 2,320,461; June 1.
- Murray, James A., Paoli, assignor to Warner Company, Devault, Pa. Separating calcium values from magnesium values. 2,317,396; Apr. 27.
- Murray, John A. (See Howard, A. M., and Murray.)
- Murray, John A., Baltimore County, Md., assignor to Murray Corporation. Hose clamp. 2,321,930; June 15.
- Murray, John A., and A. W. Kassay, Toledo, Ohio, assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company. Organic solution of formaldehyde-urea reaction products. 2,321,234; June 8.
- Murray, John A., and A. W. Kassay, Toledo, Ohio, assignors, by mesne assignments, to Libbey-Owens-Ford Glass Company. Preparation of derivatives of dimethyl urea. 2,324,417; July 13.
- Murray, John D., assignor to Murray Liquafilm Corporation, Chicago, Ill. Coating of paper. 2,312,927; Mar. 2.
- Murray Liquafilm Corporation. (See Murray, John D., assignor.)
- Murray, Marie M. (See Pringle, C. E., and Murray.)
- Murray Ohio Manufacturing Co., The. (See Dempsey, L. E., and Skerl, assignors.)
- Murray-Ohio Manufacturing Company, The. (See Kraeft, Herman L., assignor.)
- Murray, Otis W. (See Sease, V. B., and Murray.)
- Murray, Thomas W., Dover, Del. Supporting table and jack. 2,335,692; Nov. 30.
- Murray & Tregurtha, Inc. (See Mathewson, Wilfrid F., assignor.)
- Murray, William, Leamington Spa, England. Packing device for rotatable or reciprocable elements. 2,307,152; Jan. 5.
- Murray, William J., San Francisco, Calif. Marine torpedo. 2,335,527; Nov. 30.
- Murray, William S., Utica, N. Y., assignor to Indium Corporation of America. Bearing and like article. 2,325,071; July 27.
- Murray, William W., Canonsburg, Pa., assignor to Continental Can Company, Inc., New York, N. Y. Coating base metal with tin. 2,338,049; Dec. 28.
- Mursch, William H., Crafton, Pa., assignor to Carnegie-Illinois Steel Corporation. Open hearth charging device. 2,314,729; Mar. 23.
- Mursch, William H., Crafton, Pa., assignor to Carnegie-Illinois Steel Corporation. Die for punch presses and the like. 2,332,590; Oct. 26.
- Murtagh, Hugh, Laleham-on-Thames, England, assignor to Sperry Gyroscopic Company, Incorporated. Range finder, height finder, and the like. 2,311,187; Feb. 16.
- Murtagh, Hugh, Laleham-on-Thames, and W. G. Harding, Whitton, England, assignors to Sperry Gyroscopic Company, Incorporated, Brooklyn, N. Y. Locating bearing for horizontal shafts. 2,325,623; Aug. 3.
- Murtaugh, Joseph P. (See Harris, L. T., and Murtaugh.)
- Murtaugh, Joseph P., Oak Park, Ill., assignor to American Brake Shoe Company. Door mechanism for excavating apparatus. 2,335,352; Nov. 30.
- Murly, Anthony F., and B. P., Portland, Oreg. Tandem front-end axle and steering assembly. 2,323,669; July 6.
- Murty, Benedict P. (See Murty, Anthony, and B. P.)
- Muse, George B. (See Cobble, J. C., and Muse.)
- Muscus, Melvin O., et al. (See Ruth, William A., assignor.)
- Musgrave, Joseph L., Aldwych, London, England. Electric heat-radiating means for walls, ceilings, or the like radiating electrically generated warmth. 2,328,666; Sept. 7.
- Mush Foundation, Incorporated. (See Musher, Sidney, assignor.)
- Musher, Sidney, assignor to Musher Foundation, Incorporated, New York, N. Y. Tobacco processing. 2,310,538; Feb. 9.
- Musher, Sidney, assignor to Musher Foundation, Incorporated, New York, N. Y. Oil and stabilizing same. 2,314,364; Mar. 23.
- Musher, Sidney, assignor to Musher Foundation, Incorporated, New York, N. Y. Stabilizing glyceride oils. 2,314,365; Mar. 23.
- Musher, Sidney, assignor to Musher Foundation, Incorporated, New York, N. Y. Tin can container. 2,316,804; Apr. 20.
- Musher, Sidney, assignor to Musher Foundation, Incorporated, New York, N. Y. Manufacture of paper and board. 2,324,529; July 20.
- Musher, Sidney, assignor to Musher Foundation, Incorporated, New York, N. Y. Treatment of paper and paperboard. 2,325,624; Aug. 3.
- Musket, James C., Roselle Park, N. J., assignor, by mesne assignments, to R. E. Ogden, New York, N. Y. Spacer for pull ties. 2,323,723; July 6.
- Musket, James C., Roselle Park, N. J., assignor, by mesne assignments, to Ralph E. Ogden, New York, N. Y. Tie puller. 2,328,737; Sept. 7.
- Musket, James C., Roselle Park, N. J., assignor, by mesne assignments, to R. E. Ogden, New York, N. Y. Adapter for form ties. 2,338,026; Dec. 28.
- Musket, George N., Huntington, and J. F. Byers, Owens, W. Va. Hydroaule device for variable speed transmissions. 2,307,851; Jan. 12.
- Muskat, Delbert, et al. (See Muskat, Louis R., assignor.)
- Muskat, Delbert, et al. (See Rapp, Theodore, assignor.)
- Muskat, Edna C., et al. (See Muskat, Louis R., assignor.)
- Muskat, Irving E. (See Pollack, M. A., Muskat, and Strain.)
- Muskat, Irving E. (See Pollack, M. A., Strain, and Muskat.)

- Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Evaporation of caustic. 2,309,412; Jan. 26.
- Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Chlorination of chromium bearing materials. 2,311,458; Feb. 16.
- Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Chlorination of chromium bearing materials. 2,311,459; Feb. 16.
- Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Chlorination of chromium bearing materials. 2,325,192; July 27.
- Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Purification of caustic. 2,325,339; July 27.
- Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny county, Pa. Preparation of pigments. 2,333,948; Nov. 9.
- Muskat, Irving E., and R. H. Taylor, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Chlorination of metal bearing materials. 2,316,275; Apr. 13.
- Muskat, Irving E., M. A. Pollack, and F. Strain, Akron, and W. A. Franta, Barborton, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Artificial glass. 2,318,959; May 11.
- Muskat, Irving E., M. A. Pollack, and F. Strain, Akron, and W. A. Franta, Barborton, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Artificial glass. 2,320,533; June 1.
- Muskat, Irving E., M. A. Pollack and F. Strain, Akron, and W. A. Franta, Barborton, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Transparent barrier for vehicles. 2,323,310; June 22.
- Muskat, Irving E., M. A. Pollack, and F. Strain, Akron, and W. A. Franta, Barborton, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Artificial glass. 2,332,461; Oct. 19.
- Muskat, L. R., et al. (See Muskat, Louis R., assignor.)
- Muskat, L. R., et al. (See Rapp, Theodore, assignor.)
- Muskat, Louis R., Oak Park, assignor, by mesne assignments, to L. R. P., D. N. L., and E. C. Muskat, collectively, doing business as Triangle Package Machinery Co., Chicago, Ill. Vibratile conveyer. 2,333,435; Nov. 2.
- Muskat, Louis R., Oak Park, assignor, by mesne assignments, to L. R. P., D. N. L., and E. C. Muskat, collectively, doing business as Triangle Package Machinery Co., Chicago, Ill. Conveyer of the vibratory type. 2,336,561; May 19.
- Muskat, Nina L., et al. (See Muskat, Louis R., assignor.)
- Muskat, Nina L., et al. (See Rapp, Theodore, assignor.)
- Muskat, Peter, et al. (See Muskat, Louis R., assignor.)
- Muskat, Peter, et al. (See Rapp, Theodore, assignor.)
- Muskegon Piston Ring Company. (See Hamm, Douglas H., assignor.)
- Muskin Stock Company, The. (See Rubin, A., and Faber, assignors.)
- Muskovin, George T., Worcester, and J. I. Garside, West Boylston, assignors to Norton Company, Worcester, Mass. Grinding machine. 2,324,266; July 13.
- Musschoot, Albert, Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Bearing cleaning and lubricating system. 2,332,659; Oct. 26.
- Musselman, John M., South Euclid, assignor to The Standard Oil Company, Cleveland, Ohio. Lubricating oils, etc. 2,323,670; July 6.
- Musselman, John M., South Euclid, assignor to The Standard Oil Company, Cleveland, Ohio. Preparation of compounds for lubricants, etc. 2,331,923; Oct. 19.
- Mussen, Donald N. (See Horton, E. C., Mussen, and Rapp.)
- Mussen, Donald N., Williamsville, and E. V. Schaal, East Aurora, assignors to Trico Products Corporation, Buffalo, N. Y. Wiper arm. 2,332,660; Oct. 26.
- Mussey, Delavan S., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Structure. 2,322,700; July 22.
- Mussler, Frank H. (See Bullard, E. P., III, and Mussler.)
- Musser, William N., Carneys Point, N. J. Safety match pack. 2,311,072; Feb. 16.
- Muster, Harold B. (See Allen, E. L., and Muster.)
- Muster, Harold B. (See Schonitzer, R. I., Allen, and Muster.)
- Mussyinski, Antoni, Southhampton, Mass. Frying apparatus. 2,309,461; Jan. 5.
- Muth, Clifford F., Cincinnati, Ohio. Wax beehee foundation. 2,324,227; July 13.
- Muther, Lorenz F., Newton Center, Mass. Slide fastener stop attaching machine. 2,310,033; Feb. 2.
- Muther, Lorenz F., Newton Center, Mass. Machine and method for assembling shells and perforated end members. 2,322,538; June 22.
- Muttray, Justus. (See Hertel, H., and Muttray.)
- Mutual Machine Company. (See Cahill, John J., assignor.)
- Mycalex Corporation of America. (See Pericles, Maurice, assignor.)
- Myers, Albert F., Berkley, assignor, by mesne assignments, to Patent Developers, Inc., Detroit, Mich. Torque dividing mechanism. 2,329,075; Sept. 7.
- Myers, David M., Larchmont, N. Y. Fire extinguisher means. 2,325,625; Aug. 3.
- Myers, E. A., & Sons. (See Pelz, Alfred E., assignor.)
- Myers, Edward C., Kenosha, Wis. Cable. 2,326,719; Aug. 10.
- Myers, F. E. & Bro., Co., The. (See Conery, William J., assignor.)
- Myers, F. E. & Bro. Co. (See Finley, K. L., and Smith, assignors.)
- Myers, Frederick J., assignor to The Resin Products & Chemical Company, Philadelphia, Pa. Linoleumlike products. 2,316,099; Apr. 6.
- Myers, Harold L., Morristown, N. J. Display container. 2,334,786; Nov. 23.
- Myers, Henry C. (See Cox, J. H., and Myers.)
- Myers, Henry C., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor-electric device. 2,318,091; May 4.
- Myers, Henry C., Irwin, and J. H. Cox, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ignitor assembly for ignitor rectifier. 2,320,949; June 1.
- Myers, John C., Sperry, assignor of one-half to J. W. Scott Drilling Company, Tulsa, Okla. Device for controlling the transmission of power to pumps. 2,326,668; Aug. 10.
- Myers, Joseph W. (See Stoddard, E. J., and Myers.)
- Myers, Joseph W., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Toaster-coated unit. 2,316,699; Apr. 13.
- Myers, Joseph W., Philadelphia, Pa. Condition measuring apparatus. 2,320,311; May 25.
- Myers, Joseph W., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Electrical system. 2,327,925; Aug. 24.
- Myers, Philip B., and A. H. Rouse, McAllen, Tex., assignors to Sardi, Inc., New York, N. Y. Extraction and recovery of pectin. 2,323,483; July 6.
- Myers, Phyllis C., East Orange, N. J. Bag. 2,332,808; Oct. 28.
- Myers, Robert J. (See Cheetham, H. C., and Myers.)
- Myers, Thomas G., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Sealed submersible structure. 2,309,707; Feb. 2.
- Myers, Thomas G., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Submersible structure. 2,313,811; May 11.
- Myers, Thomas G., and G. T. Pfeiffer, assignors to U. S. Electrical Motors, Inc., Los Angeles, Calif. Bearing structure. 2,337,403; Dec. 21.
- Myers, Walter, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle-vibrating mechanism for sewing machines. 2,308,707; Aug. 3.
- Myers, Walter, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Loop-taker mechanism for sewing machines. 2,324,418; July 13.
- Myers, Walter R., Altoona, Pa. Sander. 2,325,970; Aug. 3.
- Myers, Wayne E., Benton Harbor, assignor to St. Joe Machines, Inc., St. Joseph, Mich. Laundry machine. 2,318,252; May 4.
- Myerson, Martin. (See Myerson, Simon and Martin, and Evans.)
- Myerson, Simon, Brookline, Mass. Artificial tooth. Re. 2,231; June 8.
- Myerson, Simon, Brookline, Mass. Motor vehicle control mechanism. 2,317,955; Apr. 27.
- Myerson, Simon, Brookline, Mass. Artificial tooth. 2,328,675; Sept. 7.
- Myerson, Simon, Brookline, Mass. Carding device for artificial teeth. 2,334,214; Nov. 16.
- Myerson, Simon and M., Brookline, and I. W. Evans, Newton, Mass.; said M. Myerson and said Evans, assignors to said S. Myerson. Receptacle. 2,318,618; May 11.
- Myles, Asa H. (See McArthur, B. E., and Myles.)
- Myslik, Otto, New York, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Darning device. 2,323,671; July 6.
- Naab, George, assignor to H. Naab, Atlanta, Ga. Fire escape attachment for ladders. 2,313,958; Mar. 16.
- Naab, Henry. (See Naab, George, assignor.)
- Nachman, John S., Beaver, Pa. Preparing stock for coating and electroplating. 2,330,608; Sept. 28.
- Nachman, John S., Beaver, Pa. Procedure for brightening tin coatings. 2,330,609; Sept. 28.
- Nachumsohn, Irving, Chicago, Ill. Washing machine. 2,328,226; Aug. 31.
- Nadal, Arpad, Forest Hills, and M. J. Manjoine, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High velocity tensile machinery. 2,323,724; July 6.
- Nadeau, Gale F., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic stripping material. 2,326,058; Aug. 3.
- Nadeau, Gale F., and A. D. Slack, assignors to Eastman Kodak Company, Rochester, N. Y. Anthilation film. 2,311,073; Feb. 16.
- Nadeau, Gale F., and H. R. Couch, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic layer capable of receiving writing. 2,313,570; Mar. 9.
- Nadeau, Gale F., and A. D. Slack, assignors to Eastman Kodak Company, Rochester, N. Y. Anthilation backing for photographic film. 2,319,080; May 11.
- Nadeau, Gale F., and C. B. Starck, assignors to Eastman Kodak Company, Rochester, N. Y. Nontacky adhesive coated sheeting. 2,322,048; June 15.

- Nadeau, Gale F., and I. K. Ellers, assignors to Eastman Kodak Company, Rochester, N. Y. Subbing solution for photographic films. 2,324,105; July 13.
- Nadeau, Gale F., and A. D. Slack, assignors to Eastman Kodak Company, Rochester, N. Y. Antihalation film. 2,324,056; Aug. 3.
- Nadeau, Gale F., and A. D. Slack, assignors to Eastman Kodak Company, Rochester, N. Y. Antihalation film. 2,324,057; Aug. 3.
- Nadeau, Gale F., and W. M. Tucker, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic solution. 2,327,813; Aug. 24.
- Nadeau, Gale F., and A. J. Gould, assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of photographic film supports. 2,327,814; Aug. 24.
- Nadeau, Gale F., and E. H. Hilborn, assignors to Eastman Kodak Company, Rochester, N. Y. Noncohering thin sheeting. 2,331,715; Oct. 12.
- Nadeau, Gale F., and E. H. Hilborn, assignors to Eastman Kodak Company, Rochester, N. Y. Nonreflecting coating. 2,331,716; Oct. 12.
- Nadeau, Gale F., and C. B. Starck, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic film. 2,331,717; Oct. 12.
- Nadeau, Gale F., A. D. Slack, and C. J. Smith, assignors to Eastman Kodak Company, Rochester, N. Y. Antihalation film. 2,333,809; Nov. 9.
- Nadeau, Gale F., and C. F. Smith, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic trade cloth. 2,335,245; Nov. 10.
- Nadeau, Ross Newark, and E. Rothschild, Irvington, assignors to Club Razor & Blade Manufacturing Corp. Newark, N. J. Making razor blade packages. 2,324,010; July 13.
- Nadelson, Samuel, New York, N. Y. Hose clamp. 2,331,132; Oct. 5.
- Nadell, Jerome S., Birmingham, Mich. Structural fabric. 2,314,450; Mar. 24.
- Nadler, Friedrich, Cologne-Mulheim, R. Wegler, Leverkus-Schlebusch, and O. Bayer, Leverkusen-I. G. Werk, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Isoalkylamine salts of organic sulphonic or carboxylic acids. 2,315,870; Apr. 6.
- Nagle, William P., Lucas, and F. W. Steenbock, Sylvan Grove, Kans. Centrifugal pump apparatus. 2,309,327; Jan. 26.
- Naegeli, Rudolf, Bern, Switzerland. Shaving device. 2,331,417; Oct. 12.
- Naffziger, Loy M. (See Horner, G. M., and Naffziger.)
- Naffiz, Valentine, Pelham Manor, N. Y. Necktie. 2,311,460; Feb. 16.
- Naffizin Harry, et al., trustees. (See Deuel, Clyde, assignor.)
- Nagelvoort, Adriaan, Salt Lake City, Utah. Recovering resins from coal. 2,310,492; Feb. 9.
- Nagin, Harold, and L. C. Strickland, Pittsburgh, assignors to Reliance Steel Products Company, McKeesport, Pa. Bridge floor. 2,319,468; Mar. 18.
- Nagin, Harry, and L. C. Strickland, Pittsburgh, assignors to Reliance Steel Products Company, McKeesport, Pa. Reticulated mat assembly. 2,315,448; Mar. 30.
- Nagin, Leon. (See Nagle, Harry and L.)
- Nagle, Harold J., et al. (See Englert, Walter J., assignor.)
- Nagle, Perry L. Chicago Heights, Ill. assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Bearing structure. 2,318,253; May 4.
- Nagle, Perry L. Chicago Heights, Ill. assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Fluid impeller housing assembly. 2,318,254; May 4.
- Nagle, Reginald A., et al. (See Englert, Walter J., assignor.)
- Nagley, David. (See Thurston, P. L., and Nagley.)
- Nagy, Daniel E., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Process of preparing guanamines. 2,309,661; Feb. 2.
- Nagy, Daniel E. (See Thurston, J. T., and Nagy.)
- Nagy, Paul, Richmond, and M. J. Goddard, Newberry, England. Electronic valve device. 2,313,886; Mar. 16.
- Nahrney, John, Detroit, Mich. Bomb. 2,337,765; Dec. 28.
- Nahlinger, John A., Cleveland, Ohio. Tappet. 2,332,661; Oct. 26.
- Nahn, Eugene A., Baldwin, N. Y., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Conduit closure. 2,315,644; Apr. 6.
- Naiman, Chester L., Linden, and J. M. Graham, Dunellen, N. J., assignor to Standard Oil Development Company. Treating hydrocarbon fluids. 2,307,895; Jan. 12.
- Nall, Forrest, Mission, Kans. Bowling alley. 2,326,554; Aug. 10.
- Nale, Charles R., Philadelphia, Pa. Adjustable caster. 2,335,074; Nov. 23.
- Nallinger, Fritz, Stuttgart, Germany; vested in the Alien Property Custodian. Multiple motor driving mechanism, particularly for air propeller shafts. 2,318,328; May 4.
- Nampa, Sulo M., Detroit, Mich., assignor to Grade Crossing Guard Corporation, Memphis, Tenn. Crossing protective system. 2,327,366; Aug. 24.
- Nanasko, Frank, Reading, Pa. Holder for fishing rods. 2,309,350; Jan. 26.
- Napier, D., and Son Limited. (See Halford, F. B., and Catford, assignors.)
- Napier, D., and Son Limited. (See Ramsay, Frank R. F., assignor.)
- Napier, D., and Son Limited. (See Tryon, Henry C., assignor.)
- Napoletano, Anthony. (See Carillo, R., and Napoletano.)
- Napoli, John, Monterey, Calif. Marine vessel. 2,327,660; Aug. 24.
- Napoli, Pasquale, New York, N. Y. Mirror. 2,319,745; May 18.
- Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,316,121; Apr. 6.
- Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,316,122; Apr. 6.
- Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,319,169; May 18.
- Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Driving mechanism for aircraft parts. 2,322,153; June 15.
- Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,322,154; June 15.
- Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Internal combustion engine control. 2,322,584; June 15.
- Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,329,929; Sept. 21.
- Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,330,136; Sept. 21.
- Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,331,077; Oct. 5.
- Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Fluid pressure system. 2,331,133; Oct. 5.
- Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,332,163; Oct. 19.
- Nardone, Romeo M., Westwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Driving mechanism. 2,336,562; Dec. 14.
- Nasca, Pasquale, Rome, Italy; vested in the Alien Property Custodian. Parachute. 2,308,797; Jan. 19.
- Nash, Ben, Short Hills, N. J., assignor to Rogers Importing Inc., New York, N. Y. Combination package and dispenser. 2,324,228; July 13.
- Nash Engineering Company. (See Adams, Harold E., assignor.)
- Nash, Henry E., Saranac Lake, N. Y., assignor to Hercules Powder Company, Wilmington, Del. Bridge plug assembly. 2,320,880; June 1.
- Nash, J. M. Company. (See Lippold, Carl J., assignor.)
- Nash-Kelvinator Corporation. (See Baker, Ralph E., assignor.)
- Nash-Kelvinator Corporation. (See Benzick, Alexander, assignor.)
- Nash-Kelvinator Corporation. (See Benzick, A., and Rusch, assignors.)
- Nash-Kelvinator Corporation. (See Borisch, Henry C., assignor.)
- Nash-Kelvinator Corporation. (See Couloze, Martin J., assignor.)
- Nash Engineering Company. (See Dowdell, Joshua R., assignor.)
- Nash-Kelvinator Corporation. (See Couloze, Martin J., assignor.)
- Nash-Kelvinator Corporation. (See Hoettels, Walter, assignor.)
- Nash-Kelvinator Corporation. (See Huber, John S., assignor.)
- Nash-Kelvinator Corporation. (See Kishline, Floyd F., assignor.)
- Nash-Kelvinator Corporation. (See Moore, Meade F., assignor.)
- Nash-Kelvinator Corporation. (See Phelps, Ross H., assignor.)
- Nash-Kelvinator Corporation. (See Philipp, Lawrence A., assignor.)
- Nash-Kelvinator Corporation. (See Rowan, Frank E., assignor.)
- Nash-Kelvinator Corporation. (See Scullen, Hugh J., assignor.)
- Nash-Kelvinator Corporation. (See Sladky, Joseph F., assignor.)
- Nash-Kelvinator Corporation. (See Sladky, J. F., and Kishline, assignors.)
- Nash-Kelvinator Corporation. (See Stortz, Robert, assignor.)
- Nash-Kelvinator Corporation. (See Swart, Richard H., assignor.)
- Nash-Kelvinator Corporation. (See Ulrich, Theodore, assignor.)
- Nash-Kelvinator Corporation. (See Vollrath, Edwin C., assignor.)
- Nash-Kelvinator Corporation. (See Wahlberg, Nils E., assignor.)
- Nash-Kelvinator Corporation. (See Wahlberg, N. E., and Berry, assignors.)

- Nash-Kelvinator Corporation. (See Wahlberg, N. E., Berry, and Sladky, assignors.)
- Nash-Kelvinator Corporation. (See Wahlberg, N. E., Phelps, and Berry, assignors.)
- Nash-Kelvinator Corporation. (See Wahlberg, N. E., and Wood, assignors.)
- Nash, Leonard W., Damascus, Ohio, assignor to E. W. Bliss Company, Brooklyn, N. Y. Apparatus for handling material. 2,320,094; May 25.
- Nash, Leonard W., Damascus, and C. A. Martin, Salem, Ohio, assignors to E. W. Bliss Company, Brooklyn, N. Y. Collapsible mandrel. 2,335,602; Nov. 30.
- Nash, Marie D., et al. (See Nash, William M., assignor.)
- Nash, Marie Draper, administratrix. (See Nash, William M.)
- Nash, Marie Duvall, et al. (See Nash, William M., assignor.)
- Nash, Ralph W. E., Nashua, N. H. Bag loading or filling device. 2,317,292; Apr. 20.
- Nash, Roy A., et al. (See Nash, William M., assignor.)
- Nash, William M., Menasha, assignor of one-half to S. A. Martin, De Pere, one-eighth to M. D. Nash, one-eighth to M. N. Jones, Neenah, and one-eighth to R. A. Nash, Bronxville, N. Y. Device for making perforated resilient covered coils. 2,311,854; Feb. 23.
- Nash, William M., Neenah, Wis., deceased, assignor of one-fourth to R. A. Nash, Bronxville, N. Y., one-fourth to M. N. Jones and one-fourth to M. D. Nash, Neenah, Wis.; M. D. Nash, administratrix. Pulp beater. 2,336,798; Dec. 14.
- Nashua Gummed and Coated Paper Company. (See Gautier, Trevor R., assignor.)
- Nassau Smelting & Refining Company. (See Deitz, Louis S., Jr., assignor.)
- Nassimbene, Ernest, assignor to Gates Rubber Company, Denver, Colo. Overfill preventer for batteries. 2,335,157; Nov. 23.
- Nassour, Edward, Los Angeles, Calif. Apparatus for producing animated pictures. 2,310,254; Feb. 9.
- Nat, Paul H., Detroit, Mich., assignor to Chicago, Pneumatic Tool Company, New York, N. Y. Centralizer for rock drills. 2,333,487; Nov. 2.
- Naster, Bert K., Chicago, Ill. Switch for controlling operation of gaseous discharge lamps. 2,331,040; Oct. 5.
- Natale, Bros., Baltimore County, Md., assignor to L. C. Greif & Bro., Inc. Man's drape coat. 2,313,665; Mar. 9.
- Nathan, Herbert J., Bismarck, N. Dak. Carrier for poppet type engine valves. 2,312,434; Mar. 2.
- Nathan Manufacturing Company. (See Folke, Bengt E., assignor.)
- Nathanson, Max, Montreal, Quebec, Canada. Gas mask. 2,332,662; Oct. 26.
- Nathe, Charles G. (See Hawley, J. B. Jr., Nathe, Gondek, and Nelson.)
- National Agrol Company. (See Christensen, Leo M., assignor.)
- National Airoil Burner Company. (See Ferguson, William, assignor.)
- National Aluminate Corporation et al. (See Bird, P. G., Evans, Harmon, and Salvsen, assignors.)
- National Aluminate Corporation. (See Carter, Willard K., assignor.)
- National Automotive Fibres, Inc. (See Bolen, E. P., and Detrick, assignors.)
- National Automotive Fibres, Inc. (See Davies, Clarence J., assignor.)
- National Automotive Fibres, Inc. (See Davies, C. J., and Lind, assignors.)
- National Automotive Fibres, Inc. (See Detrick, Edward R., assignor.)
- National Automotive Fibres, Inc. (See Faris, Harold P., assignor.)
- National Automotive Fibres, Inc. (See Millar, John R., assignor.)
- National Automatic Tool Company, The. (See Rodal, Ralph, assignor.)
- National Automotive Fibres, Inc. (See Cunningham, George R., assignor.)
- National Battery Company. (See Paddock, George A., assignor.)
- National Battery Company. (See Rupp, John L., assignor.)
- National Battery Company. (See Snyder, Almond H., assignor.)
- National Biscuit Company. (See Chappory, Andrew, assignor.)
- National Biscuit Company. (See Tascher, E. S., and Bazant, assignors.)
- National Blank Book Company. (See Schade, Frank S., assignor.)
- National Blank Book Company. (See Schade, John, assignor.)
- National Bread Wrapping Machine Co. (See Hoppe, William, assignor.)
- National Broach & Machine Company. (See Drummond, Robert S., assignor.)
- National Broach & Machine Company. (See Forberg, Albert, assignor.)
- National Broach & Machine Company. (See Mentley Max B., assignor.)
- National Broach & Machine Company. (See Praeg, Walter S., assignor.)
- National By-Products, Inc. (See Joyce, F. E., and Lind, assignors.)
- National Carbon Company. (See Baeckler, Walter, assignor.)
- National Carbon Company. (See Coleman, Timothy J., assignor.)
- National Carbon Company. (See Hatfield, Marcus R., assignor.)
- National Carbon Company. (See Werking, Leroy C., assignor.)
- National Cash Register Company, The. (See Chollar, Robert G., assignor.)
- National Cash Register Company, The. (See Davidson, John T., assignor.)
- National Cash Register Company, The. (See Doelker, William J., assignor.)
- National Cash Register Company, The. (See Doelker, W. J., and Oswald, assignors.)
- National Cash Register Company, The. (See Hughes, Daniel K., assignor.)
- National Cash Register Company. (See Lang, Henry F., assignor.)
- National Cash Register Company, The. (See Nelson, Gunnar, assignor.)
- National Cash Register Company, The. (See Petit, William H., assignor.)
- National Cash Register Company, The. (See Ramsey, George, assignor.)
- National Cash Register Company, The. (See Robertson, W. H., and Coe, assignors.)
- National Cash Register Company, The. (See Robertson, W. H., and Eickman, assignors.)
- National Cash Register Company, The. (See Uhlmann, Hans, assignor.)
- National Cash Register Company, The. (See Welker, J. Willard, assignor.)
- National Cash Register Company, The. (See Williams, Paul H., assignor.)
- National Colortype Company, The. (See Ryder, Charles D., assignor.)
- National Company. (See Smith, William G., assignor.)
- National Cornice Works. (See Ness, W. H. C., and Holmes, assignors.)
- National Cylinder Gas Company. (See Chouinard, Alfred F., assignor.)
- National Cylinder Gas Company. (See Mott, C., and Chouinard, assignors.)
- National Devices Corporation. (See Morris, Thomas A., assignor.)
- National Electric Coil Company. (See Greene, N. J., and Reese, assignors.)
- National Electric Control Company. (See Miller, Donald A., assignor.)
- National Electric Instrument Co. Inc. (See Arnesen, Walter A., assignor.)
- National Electric Products Corporation. (See Fredrickson, Otto A., assignor.)
- National Electric Products Corporation. (See Huguélet, John E., assignor.)
- National Electric Products Corporation. (See Moore, Ralph W. E., assignor.)
- National Electric Welding Machine Co. (See Kaunitz, Clyde F., assignor.)
- National Electrical Instrument Co. (See Arnesen, Walter A., assignor.)
- National Enameling & Stamping Company. (See Moon, H. J., and Gardner, assignors.)
- National Enameling & Stamping Company. (See Waitman, Chauncey E., assignor.)
- National Equipment Company. (See Bausman, Alonzo L., assignor.)
- National Equipment Co. (See Perkins, George S., assignor.)
- National Fiberstok Envelope Co. (See Blizard, J. W., F., and Peters, assignors.)
- National Fireproofing Corporation. (See Brewer, Arthur S., assignor.)
- National Fireproofing Corporation. (See Wanner, Edward, assignor.)
- National Fitch Corporation. (See Fitch, Benjamin F., assignor.)
- National Fitch Corporation. (See Fitch, B. F., and Norbom, assignors.)
- National Foam System, Inc. (See Boerner, L. W., and Hogenmiller, assignors.)
- National Folding Box Company. (See Berry, Elmer H. A., assignor.)
- National Folding Box Company. (See Maston, Raymond T., Jr., assignor.)
- National Folding Box Company. (See Pantalone, Vincent R., assignor.)
- National Folding Box Company. (See Ringler, William A., assignor.)
- National Geophysical Company. (See Paslay, Le Roy C., assignor.)
- National Grain Yeast Corp., et al. (See Mead, M. W., Jr., and Lee, assignors.)
- National Greenhouse Mfg. Co. (See Fiedler, George W., Jr., assignor.)
- National Gypsum Company. (See Crandell, Dean D., assignor.)
- National Gypsum Company. (See Meyer, Merle R., assignor.)

- National Gypsum Company. (See Richardson, Charles D., assignor.)
- National Gypsum Company. (See Richardson, C. D., and Burnett, assignors.)
- National Hosiery Mills, Inc. (See Solar, Israel E., assignor.)
- National Lead Company. (See Cole, Sanford S., assignor.)
- National Lead Company. (See Cox, Ernesto F. M., assignor.)
- National Lead Company. (See Dunn, Edward J., assignor.)
- National Lead Company. (See Moran, W. G., and Nelson, assignors.)
- National Lead Company. (See Schubert, Bruno H., assignor.)
- National Lead Company. (See Wheeler, Alexander W., assignor.)
- National Lead Company. (See Whitney, John B., assignor.)
- National Lock Co. (See Burke, William O., assignor.)
- National Lock Co. (See North, Edwin W., assignor.)
- National Lock Washer Company, The. (See Kuchman, Norman V., assignor.)
- National Machine Works. (See Haeleke, Edward J., assignor.)
- National Malleable and Steel Castings Company. (See Metzger, William J., assignor.)
- National Malleable and Steel Castings Company. (See Moriarty, Wilson H., assignor.)
- National Malleable and Steel Castings Company. (See Shaffer, James A., assignor.)
- National Malleable and Steel Castings Company. (See Wittmer, Russell J., assignor.)
- National Malleable and Steel Castings Company. (See Zintsmaster, Tim, assignor.)
- National Marking Machine Company. (See Mighrese, John, assignor.)
- National Metal Edge Box Company. (See Junkin, Malcolm P., assignor.)
- National Metal Edge Box Company. (See Stanger, William D., assignor.)
- National Oil Products Company. (See Simons, E. J., and Buxton, assignors.)
- National Motor Bearing Co., Inc. (See Johnson, D. O., and Anderson, assignors.)
- National Oil Products Company. (See Abramowitz, W. L., and Beach, assignors.)
- National Oil Products Company. (See Buxton, Loran O., assignor.)
- National Oil Products Company. (See Buxton, L. O., and Coleman, assignors.)
- National Oil Products Company. (See Buxton, L. O., and Lipsius, assignors.)
- National Oil Products Company. (See Buxton, L. O., and Simons, assignors.)
- National Oil Products Company. (See Davis, Gifford D., assignor.)
- National Oil Products Company. (See Davis, G. D., and Lombrow, assignors.)
- National Oil Products Company. (See Licata, Francis J., assignor.)
- National Oil Products Company. (See Lipsius, Sol T., assignor.)
- National Oil Products Company. (See Nothum, J., and Licata, assignors.)
- National Oil Products Company. (See Price, D. M., and Pickel, assignors.)
- National Oil Products Company. (See Robinson, E. A., and Webber, assignors.)
- National Oil Products Company. (See Stelk, Karl T., assignor.)
- National Peetin Products Company. (See Wedin, Harold A., assignor.)
- National Plastics, Inc. (See Van Deventer, C., III, and Deans, assignors.)
- National Postal Meter Company, Inc. (See Drake, E. P., and Ryan, assignors.)
- National Postal Meter Company. (See Ryan, Commodore D., assignor.)
- National Postal Meter Company. (See Ryan, C. D., and Atherton, assignors.)
- National Powder Extinguisher Corporation. (See Keefe, Michael E., Jr., assignor.)
- National Pressed Steel Barrel Company. (See Fulenwider, H., and Weatherby, assignors.)
- National Pressure Cooker Company. (See Wittenberg, Edward H., assignor.)
- National Radiator Company. (See Hall, John W., assignor.)
- National Ring Corporation. (See Wadsworth, George F., assignor.)
- National Rubber Machinery Company. (See De Ghetto, Anselm, assignor.)
- National Rubber Machinery Company. (See Evans, Earl W., assignor.)
- National Rubber Machinery Company. (See Iverson, C., and Magerkurth, assignors.)
- National Rubber Machinery Company. (See Minns, R. G., and Tornberg, assignors.)
- National Rubber Machinery Company. (See Shook, Florain J., assignor.)
- National Rubber Machinery Company. (See Stricklen, John R., assignor.)
- National Rubber Machinery Co. (See Tornberg, Henning T., assignor.)
- National Screw & Manufacturing Company, The. (See Erdman, Harvey C., assignor.)
- National Silk Hosiery Mills, Inc. (See Goodman, Jacob A., assignor.)
- National Slug Rejectors, Inc. (See Gottfried, John, assignor.)
- National Smelting Company, The. (See Bonsack, Walter, assignor.)
- National Stamping Company. (See Moore, Raymond G., assignor.)
- National-Standard Company. (See Adler, Orville E., assignor.)
- National-Standard Company. (See Adler, O. E., and Krinowitz, assignors.)
- National Standard Company. (See Bailey, F. S., and Schone, assignors.)
- National Standard Company. (See Kouyoumjian, Leon A., assignor.)
- National-Standard Company. (See Pierce, Robert C., assignor.)
- National Standard Company. (See Pierce, R. C., and Berquist, assignors.)
- National Starch Products Inc. (See Fuller, Arthur D., assignor.)
- National Steel Corporation. (See Dishauzi, Steve J., assignor.)
- National Steel Corporation. (See Joslin, Charles B., assignor.)
- National Steel Corporation. (See Rauschenberger, George W., assignor.)
- National Sugar Refining Company, The. (See Schleger, J. W., and Lutz, assignors.)
- National Supply Company, The. (See Bishop, J. O., and Schuch, assignors.)
- National Supply Company, The. (See Hatfield, George A., assignor.)
- National Supply Company, The. (See Nevill, G. E., and Lehman, assignors.)
- National Supply Company, The. (See Picard, John B., assignor.)
- National Supply Company, The. (See Shaw, W. A., and Hodge, assignors.)
- National Supply Company, The. (See Spalding, John D., assignor.)
- National Technical Laboratories. (See Marlow, Douglas G., assignor.)
- National Telephone Supply Company, The. (See Klein, Charles H., assignor.)
- National Telephone Supply Company, The. (See Warner, O. P., and Stuart, assignors.)
- National Television and Manufacturing Corporation. (See Tubbs, Ernest A., assignor.)
- National Tinsel Manufacturing Company. (See Protz, William C., assignor.)
- National Transit Pump & Machine Company. (See Langmyhr, G. J., and (Sharp, assignor.)
- National Tube Company. (See Bannister, Bryant, assignor.)
- National Tube Company. (See Bristol, Chester L., assignor.)
- National Tube Company. (See Dilworth, David I., assignor.)
- National Tube Company. (See Ely, Paul C., assignor.)
- National Tube Company. (See Finklatter, Stevenson, assignor.)
- National Tube Company. (See Geisel, C. J., and Nielsen, assignors.)
- National Tube Company. (See Graham, Thomas H., assignor.)
- National Tube Company. (See Habart, H., and Hudson, assignors.)
- National Tube Company. (See Johnston, H. M., and Sneddon, assignors.)
- National Tube Company. (See MacAnlis, James W., assignor.)
- National Tube Company. (See Nielsen, Peer D., assignor.)
- National Tube Company. (See Wiley, Ralph B., assignor.)
- National Union Radio Corporation. (See Mayers, Karl F., assignor.)
- National Union Radio Corporation. (See Schnelder, Walter G., and G. G., assignors.)
- National Vendors, Inc. (See Fry, Benjamin W., assignor.)
- National Vulcanized Fibre Co. (See Reynolds, George C., assignor.)
- Natural Products Refining Co. (See Vetter, Joseph J., assignor.)
- Natural Vitamins Corporation. (See Blaso, James G., assignor.)
- Natta, Giulio, Milan, Italy; Alien Property Custodian. Nature of process of green, 2,308,229; Jan. 12.
- Natter, Otto, Hofingen, Leonberg, Germany; vested in the Alien Property Custodian. Needle valve and seat therefor. 2,330,610; Sept. 28.
- Natwick, Albert G., Camas, Wash. Removing lime scale in heat exchangers for sulphite pulp digesters. 2,328,837; Sept. 7.
- Naugle, Richard G., Ligonier, Pa. Airplane wing construction. 2,311,683; Feb. 23.
- Naul, James M. (See Way, D. D., J. M. Naul, and C. R. Schenk.)

- Naul, James M., Fanwood, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Permanent magnet motor. 2,325,915; Aug. 3.
- Nave, Alfred E., Newburgh, Ind., assignor to Servell, Inc., New York, N. Y. Refrigerator shelf. 2,311,411; Feb. 16.
- Nave, Alfred E., Newburgh, Ind., assignor to Servell, Inc., New York, N. Y. Refrigerator. 2,330,988; Oct. 5.
- Nave, Alfred E., Newburgh, and W. A. Kuenzli, Evansville, Ind., assignors to Servell, Inc., New York, N. Y. Refrigerator. 2,309,001; Jan. 19.
- Nauler, Johan O. (See Persson, A. R., and Nauler.)
- Nawiasky, Paul, Summit, and G. E. Sprenger, Westfield, N. J., assignors to General Aniline & Film Corporation. Sulpho-tricarboxylic acid compounds and preparing same. 2,315,375; Mar. 30.
- Nawiasky, Paul, Summit, and G. E. Sprenger, Westfield, N. J., assignors to General Aniline & Film Corporation. Sulphonic acid and producing it. 2,335,193; Nov. 23.
- Newton, Rollie B., Oakland, Calif., assignor to Special Equipment Company, Portland, Oreg. Method of and apparatus for processing fur. 2,329,212; Sept. 14.
- Nawoj, Edward J. (See Nesset, N. M., and Nawoj.)
- Nay, Lafayette M., Placentia, Calif. Fluid brake. 2,325,626; Aug. 3.
- Naylor, Milton K. (See Rehfield, W. A., and Naylor.)
- Naysmith, Shirley R., assignor to The Miller Company, Meriden, Conn. Lighting fixture. 2,320,829; June 1.
- Naysmith, Shirley R., assignor to The Miller Company, Meriden, Conn. Lighting equipment. 2,321,099; June 8.
- Neal, Arthur M., Wilmington, Del., and B. M. Sturges, Pitman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanization of rubber. 2,326,555; Aug. 10.
- Neal, Arthur M., and J. R. Schaffer, assignors to E. I. du Pont de Nemours & Co., Wilmington, Del. Devulcanizing rubber. 2,333,810; Nov. 9.
- Neal, Ernest C., assignor, by mesne assignments, to J. A. Marzall, Chicago, Ill. Tool. 2,319,253; May 18.
- Neal, Ernest C., Chicago, Ill., assignor to J. D. Roberts, Portland, Oreg., trustee. The pulper. 2,322,769; June 29.
- Neal, Ernest C., assignor to John A. Marzall, Chicago, Ill., as trustee. Magnetic apparatus. 2,323,837; July 6.
- Neal, Frank O., Jr., Dallas, Tex., assignor to General Electric Company. Control apparatus. 2,311,462; Feb. 16.
- Neal, Lee R., Burbank, Calif. Soldering iron stand. 2,308,098; Jan. 12.
- Neal, Morris P., Quincy, assignor to Ditto, Incorporated, Chicago, Ill. Front margin stop means for duplicating machines. 2,313,163; Mar. 9.
- Neal, Morris P., Quincy, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 2,335,954; Dec. 7.
- Neal, Robert, Dalton, Ga. Picture frame. 2,314,417; Mar. 23.
- Neale, Edgar W., Birmingham, England. Lattice structure. 2,321,229; July 13.
- Neary, John F., Jr., trustee. (See Gassner, Alfred A., assignor.)
- Neary, John F., Jr., trustee. (See Potchen, J. A., and Basquin, assignors.)
- Nebbeck, Howard J., assignor to Universal Oil Products Company, Chicago, Ill. Sweetening hydrocarbon distillates. 2,329,939; Sept. 21.
- Nebel, Kurt W., Chicago, Ill. Metal cutting shear. 2,337,206; Dec. 21.
- Nebel, Max, Chemnitz, Germany; vested in the Alien Property Custodian. Producing double sided plated knit fabrics. 2,319,340; May 18.
- Nebel, Max, Chemnitz, Germany; vested in the Alien Property Custodian. Needle. 2,326,964; Aug. 17.
- Nedbor, Samuel, deceased, Dorchester, Mass.; E. N. Medoff, administratrix. Hose nozzle. 2,337,298; Dec. 21.
- Neebe, Lawrence L., Woodbury, N. J., assignor to The Baldwin Locomotive Works. Locomotive boiler bracket. 2,337,677; Dec. 28.
- Needham, Clyde C. (See Gorrien, John, assignor.)
- Needham, William, Arnold, England. Knitting machine. 2,335,075; Nov. 23.
- Neelley, George L., and F. W. Kavanagh, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded oil. 2,322,307; June 22.
- Neely, Glen W., River Forest, Ill., assignor to The Richardson Company, Lockland, Ohio. Insulator. 2,319,152; May 11.
- Neely, Dr. Baron W., Amesbury, Mass., assignor to Merrimac Hat Corporation. Web-guiding, tensioning, fulling, and smoothing mechanism for forming machines. 2,323,234; June 29.
- Neely, William H., Cleveland, Ohio, assignor, by mesne assignments, to J. C. Lincoln, Scottsdale, Ariz. Wire spring for cushioned seats. 2,308,201; Jan. 12.
- Neely, William H., Cleveland, Ohio, assignor, by mesne assignments, to J. C. Lincoln, Scottsdale, Ariz. Wire spring back construction for upholstered furniture. 2,308,772; Jan. 19.
- Neely, William H., assignor, by mesne assignments, to The Universal Wire Spring Company, Cleveland, Ohio. Wire springs for cushioned seats. 2,330,906; Oct. 5.
- Neeper, Edward R., Colorado Springs, Colo. Assembled transplanting pot. 2,319,081; May 11.
- Neeson, Charles R., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Compressor control means. 2,329,931; Sept. 21.
- Neeson, Charles R., and B. G. Wyld, Dayton, Ohio, assignors to Chrysler Corporation, Detroit, Mich. Compressor oil cooling system. 2,322,874; June 26.
- Neff, Edward A., assignor to Phoenix Trimming Company, Chicago, Ill. Heating tape. 2,307,231; Jan. 5.
- Neff, John W., Easton, Pa., assignor to Binney and Smith Company, New York, N. Y. Plastic molding machine. 2,313,476; Mar. 9.
- Neff, John W., Easton, Pa., assignor to Binney and Smith Company, New York, N. Y. Adjustable cam track. 2,313,477; Mar. 9.
- Neff, Joseph J. (See Gravelly, C. K., and Neff.)
- Neff, Paul W., New Kensington, Pa. Power system. 2,328,921; Sept. 7.
- Neff, Wallace, Los Angeles, Calif. Building construction. 2,335,300; Nov. 30.
- Neff, William E., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fiber producing apparatus. 2,325,147; July 27.
- Neff, Isadore E., Los Angeles, Calif. Projecting apparatus. 2,313,450; Mar. 9.
- Neher, Harry T., Bristol, and E. H. Kroeker, East Oak Lake, Ill., assignors to Rohm & Haas Company, Philadelphia, Pa. Preparing vinyl alcohol-methacrylic ester copolymers. 2,328,922; Sept. 7.
- Nehrich, Walter E., Brooklyn, assignor to Hotel Research Laboratories, Inc., New York, N. Y. Pot support for use on canned fuel. 2,335,020; Nov. 23.
- Neidenberg, Lawrence L. (See Tamburr, V. E., and Neidenberg.)
- Neidhart, Martin, Bonstetten, Zurich, Switzerland. Hay harvesting machine. 2,320,642; June 1.
- Neldig, Daniel, assignor to J. H. Martin, Chicago, Ill. Vending machine. 2,320,378; June 1.
- Neiley, Stephen B., Winchester, and E. E. Habib, Arlington, assignors to Dewey and Almy Chemical Company, North Cambridge, Mass. Manufacture of articles from synthetic rubber dispersions. 2,326,160; Aug. 10.
- Neill, Clyde B., Pearl Harbor, Hawaii. Welding arc protector. 2,336,283; Dec. 7.
- Neill, Paul, East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical connector. 2,329,479; Sept. 14.
- Nells, Gerhard F., Klickitat, Wash. Treating lumber. 2,335,528; Nov. 30.
- Neilsen, Allan K., assignor to Chrysler Corporation, Highland Park, Mich. Loose-leaf support. 2,309,474; Jan. 26.
- Neilson, David, assignor of seventy per cent to J. E. Castle, Detroit, Mich. Thread cutting tool. 2,325,627; Aug. 3.
- Neilson, Warren E., York, Pa. Frozen confection mold. 2,312,045; Feb. 23.
- Neiman, Mikhail S., Leningrad, Union of Soviet Socialist Republics, assignor to Radio Corporation of America. Antenna construction. 2,334,279; Nov. 16.
- Neiman, Robert, assignor to E. A. Steinbock, Louisville, Ky. Preparing an alloy for cast dentures. 2,309,136; Jan. 26.
- Neiman, Robert, assignor to E. A. Steinbock, Louisville, Ky. Investment. 2,314,626; Mar. 23.
- Neiman, Robert, E. C. Ernst, and E. A. Steinbock, said Neiman and said Ernst assignors to University of Louisville, Louisville, Ky. Investment composition. 2,313,085; Mar. 9.
- Neiman, Robert, R. C. Ernst, and E. A. Steinbock, said Neiman and said Ernst assignors to University of Louisville, Louisville, Ky. Investment composition. 2,313,086; Mar. 9.
- Neisewander, Ray H., Springfield, Ill. Adjustable wood-working machine. 2,312,118; Feb. 23.
- Neiswiter, James T., South Orange, N. J., assignor to American Telephone and Telegraph Company. Dial controlled signaling system. 2,321,412; June 8.
- Neiswiter, James T., North Olmstead, Ohio, assignor to American Telephone and Telegraph Company. Selective signaling system. 2,334,574; Nov. 16.
- Neiswiter, James T., North Olmstead, Ohio, assignor to American Telephone and Telegraph Company. Selective signaling system. 2,334,575; Nov. 16.
- Neiswiter, James T., North Olmstead, and L. R. Featheringham, Parma, Ohio, assignor to American Telephone and Telegraph Company. System for indicating circuit faults in transmission systems. 2,307,896; Jan. 12.
- Neja, Ambrose, Anaheim, Calif. Box stacking and conveying mechanism. 2,313,478; Mar. 9.
- Neja, Ambrose, Anaheim, Calif. Box-handling apparatus. 2,329,413; Sept. 14.
- Nekowitsch, John E., et al. (See Roth, William A., assignor.)
- Nekowitsch, Steve, et al. (See Roth, William A., assignor.)
- Nekut, Anthony G. (See Lincoln, R. B., and Nekut.)
- Nelson, Frances, Great Neck, N. Y. Hat fastening device. 2,315,449; Mar. 30.
- Nell, Frederic, assignor to Landis Machine Company, Waynesboro, Pa. Thread cutting mechanism. 2,309,862; Feb. 2.

- Nelles, Johannes. (See Platz, C., Wagner, Keppler, and Nelles.)
- Nelles, Johannes. (See Tischbein, W., Bayer, Nelles, and Ruf.)
- Nelma, George C., Pittsburgh, E. J. Coggeshall, Turtle Creek, E. A. Berry, McDonald, Pa., and W. K. Wilbur, Bluefield, W. Va., assignors to Portable Lamp & Equipment Co., Pittsburgh, Pa. Mine lamp. 2,313,165; Mar. 9.
- Nelson, Arthur, Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Bowden wire casing. 2,334,280; Nov. 16.
- Nelson, Arthur L., Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Frequency multiplier. 2,323,672; July 6.
- Nelson, Arthur R., Bay City, Mich. Trailer coupling and steering apparatus. 2,309,204; Jan. 26.
- Nelson, Arvid, Syracuse, N. Y. Folding walking and skating guard. 2,316,100; Apr. 6.
- Nelson, Bernard, Chicago, Ill. Curtain stretcher. 2,325,268; July 27.
- Nelson, Buell C., Portland, Oreg. Protective armor. 2,321,039; June 8.
- Nelson, Carl H., Pasadena, Calif. Liquid level measuring instrument. 2,329,412; Sept. 14.
- Nelson, Charles E. (See Newhams, W. C., and Nelson.)
- Nelson, Charlie A., assignor of one-half to J. R. Horton, Chattanooga, Tenn. Movable clothesline. 2,320,735; June 1.
- Nelson, Christian B. (See Spinner, I., Nelson, and Schlemmer.)
- Nelson, Christian B., and I. Spinner, assignors to Plastic Binding Corporation, Chicago, Ill. Binding machine. 2,334,423; Nov. 16.
- Nelson, Christy B., Tokeland, Wash. Sea food washing machine. 2,326,485; Aug. 10.
- Nelson, Dale H. (See Buckingham, W. D., and Nelson.)
- Nelson, Edward F., San Leandro, Calif. Welding organization. Re. 22,311; Dec. 31.
- Nelson, Edward F., Vallejo, Calif. Mechanism for butt welding. Re. 22,310; May 11.
- Nelson, Edward F., Vallejo, Calif. Stud welder. Re. 22,317; May 18.
- Nelson, Edward F., Vallejo, Calif. Tool support. 2,329,932; Sept. 21.
- Nelson, Eleanor K. (See Nelson, Wilbur A., and E. K.)
- Nelson, Emil A., St. Clair Shores, Mich. Rolling sheet metal and apparatus therefor. 2,315,810; Apr. 6.
- Nelson, Evan L., Austin, Minn. Educational block. 2,320,292; May 25.
- Nelson, Everett B., assignor to Guardsman Safety Razor, Inc., Lincoln, Neb. Safety razor. 2,318,324; May 4.
- Nelson, Fred C., St. Paul, Minn. Piston and ring assembly. 2,328,390; Aug. 31.
- Nelson, George E., and C. E. Magnus, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Sheet supporting means for tin plate sheet feeders. 2,338,050; Dec. 28.
- Nelson, Gunnar, assignor to The National Cash Register Company, Dayton, Ohio. Mechanical relay. 2,313,959; Mar. 16.
- Nelson, Henry A., De Kalb, Ill. Reverse twist barbwire. 2,310,668; Feb. 9.
- Nelson, Henry A., De Kalb, Ill. Reverse twist barbwire machine. 2,330,611; Sept. 28.
- Nelson, Herbert L., Gainesville, Fla. Fire extinguisher. 2,329,552; Sept. 14.
- Nelson, Herman, Corporation, The. (See Otis, Gerald E., assignor.)
- Nelson, Irving. (See Hawley, J. B., Jr., Nathe, Gondek, and Nelson.)
- Nelson, Jabez C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Agitator for washing machines. 2,328,482; Aug. 31.
- Nelson, James H., assignor to The Dumore Company, Racine, Wis. Oil distributor assembly. 2,326,161; Aug. 10.
- Nelson, James M., Los Angeles, Calif. Electric traffic signal. 2,324,419; July 13.
- Nelson, James R., Belmont, assignor to Raytheon Production Corporation, Newton, Mass. Tube base. 2,330,838; Oct. 5.
- Nelson, Jennings, St. Paul, Minn. Razor blade holder. 2,312,770; Mar. 2.
- Nelson, Jennings, St. Paul, Minn. Razor blade holder. 2,336,284; Dec. 7.
- Nelson, Jennings, and A. R. Stewart, St. Paul, Minn. Paring knife. 2,312,771; Mar. 2.
- Nelson, John E. (See Moran, W. G., and Nelson.)
- Nelson, Joseph F., and R. Rosen, Elizabeth, N. J., assignors to Standard Oil Development Company, Oxidation and corrosion inhibitor for lubricating oils. 2,315,072; Mar. 30.
- Nelson, Karl O., assignor of one-half to H. J. Nunne-macher, Milwaukee, Wis. Valve. 2,313,257; Mar. 9.
- Nelson, Kenneth H., Des Moines, Iowa. Combined flag-staff and flag storage compartment. 2,327,056; Aug. 17.
- Nelson, Nels A. (See Hooker, D. E., Breitenstein, and Nelson.)
- Nelson, Nicholas, assignor to J. Z. Dalinda, New York, N. Y. Aerial apparatus. 2,329,414; Sept. 14.
- Nelson, Nils W., Colonie, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake shoe. 2,328,738; Sept. 7.
- Nelson, Noble A., Chicago, Ill. Fishing reel. 2,312,576; Mar. 2.
- Nelson, Ole W., Detroit, Mich. Electrical connector. 2,311,851; Feb. 23.
- Nelson, Oscar G. (See Berggren, G. E., and Nelson.)
- Nelson, Oscar G., and J. A. Wagner, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,329,130; Sept. 7.
- Nelson, Raymond E., Seattle, Wash. Riveting tool. 2,328,391; Aug. 31.
- Nelson, Raymond S., and A. F. Wintercorn, assignors, by mesne assignments, to The Atwood Vacuum Machine Company, Rockford, Ill. Adjustable grille. 2,310,539; Feb. 9.
- Nelson, Richard B. (See Salzberg, B., and Nelson.)
- Nelson, Richard N. (See Bluedorn, W. R., and Nelson.)
- Nelson, Robert M., Evanston, assignor to Peerless Equipment Company, Chicago, Ill. Housing construction for draft gears. 2,321,843; June 15.
- Nelson, Robert M., Evanston, assignor to Peerless Equipment Company, Chicago, Ill. Draft gear. 2,331,620; Oct. 12.
- Nelson, Roland D., and E. A. Link, assignors to Line Material Company, South Milwaukee, Wis. Fuse device. 2,331,643; Oct. 12.
- Nelson, Russell B. (See Edwards, H., and Nelson.)
- Nelson, Talbert G., New York, N. Y. Fruit dejuicing apparatus. 2,311,565; Feb. 16.
- Nelson, Theodore J., Chicago, Ill. Attachment for ladders. 2,329,643; Sept. 14.
- Nelson, Theodore J., Chicago, Ill. Scraper. 2,333,878; Nov. 9.
- Nelson, Thomas L., Delmar, Del. Shrubbery fender for lawn mowers. 2,312,435; Mar. 2.
- Nelson, Tom H., Villanova, assignor to Harrisburg Steel Corporation, Harrisburg, Pa. Method of hardening cylinders, pump liners, and the like. 2,317,211; Apr. 20.
- Nelson, Victor B., Rockford, Ill. Fishing rod. 2,315,539; Apr. 6.
- Nelson, Walfred A., Salt Lake City, Utah. Self-retaining surgical retractor. 2,313,164; Mar. 9.
- Nelson, Wilbur A., and E. K. (See South Bend, Wash. Beverage mixer and cooler. 2,319,429; May 18.)
- Nelson, William. (See Buenger, E. F., and Nelson.)
- Nemcek, Jasper C., Jr., Binghamton, N. Y. Reed. 2,318,515; May 4.
- Nemeth, Otto R. (See de Vry, H. A., and Nemeth.)
- Nemetz, Guslav, Vienna, Germany; vested in the Alien Property Custodian. Feeder for dividing and distributing fluids. 2,331,924; Oct. 19.
- Nemetz, Julius, Rockford, Ill. Bottle carrier. 2,332,001; Oct. 19.
- Nenninger, Lester F., and F. A. Hassman, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Milling machine transmission and control mechanism. 2,308,708; Jan. 19.
- Nepera Chemical Company. (See Tisza, E. T., and Duesel, assignors.)
- Nepera Chemical Co. (See Tisza, E. T., Duesel, and Friedman, assignors.)
- Neptune, Herman P., Los Angeles, Calif. Concrete form wave clamp. 2,330,990; Oct. 5.
- Neptune Meter Company. (See Hazard, Charles S., assignor.)
- Neptune Meter Company. (See Soper, Henry F., assignor.)
- Neptune, Vincent, Brookline, Mass. Carrier and dispenser for strip material in roll form. 2,324,796; July 20.
- Neracher, Carl A., and W. T. Dunn, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Engine starting mechanism. 2,309,413; Jan. 26.
- Neracher, Carl A., Detroit, H. F. Patterson, St. Clair Shores, T. Iavelli, R. T. Bucy, A. J. Szyrov, and P. Baker, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Fluid coupling. 2,311,958; Feb. 23.
- Neracher, Carl A., and W. T. Dunn, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,314,594; Mar. 23.
- Neracher, Carl A., W. T. Dunn, A. J. Szyrov, T. Iavelli, R. T. Bucy, and O. W. Schotz, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,328,392; Aug. 31.
- Neracher, Carl A., and W. T. Dunn, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Fluid coupling. 2,328,393; Aug. 31.
- Neracher, Carl A., A. J. Szyrov, W. T. Dunn, T. Iavelli, and R. T. Bucy, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,333,115; Nov. 2.
- Neracher, Carl A., W. T. Dunn, T. Iavelli, and A. J. Szyrov, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,333,668; Nov. 9.
- Neren, John A., Media, Pa., assignor to American Viscose Corporation, Wilmington, Del. Funnel guide bracket. 2,332,335; Oct. 19.
- Nergaard, Leon S., Verona, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,329,777; Sept. 21.

- Nergaard, Leon S., Verona, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,329,778; Sept. 21.
- Nergaard, Leon S., Verona, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,329,779; Sept. 21.
- Nerken, Albert I. (See Polin, H. S., and Nerken.)
- Nerken, Albert I. (See Polin, H. S., Nerken, and Wettingfeld, Jr.)
- Nerlich, Willi, Berlin-Spandau, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Explosionproof lamp fitting. 2,310,458; Feb. 9.
- Nerney, George E., Attleboro, assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting and making the same. 2,308,200; Jan. 12.
- Nerney, George E., assignor to Bay State Optical Company, Attleboro, Mass. Eyeglass construction. 2,311,991; Feb. 23.
- Nero, Joseph E., Portland, Maine. Golf player's mask. 2,330,442; Sept. 28.
- Nerwin, Hubert, Dresden, Germany; vested in the Alien Property Custodian. Photographic camera. 2,319,341; May 18.
- Nerwin, Hubert, Dresden-Reick, Germany; vested in the Alien Property Custodian. Sunshade. 2,334,883; Nov. 23.
- Nesman, Hubert, and K. Wunderlich, Dresden, Germany; vested in the Alien Property Custodian. Roll-film camera. 2,335,439; Nov. 30.
- Nesbit, Charles H., Harvey, N. Dak. Clamping apparatus for optical frames. 2,316,355; Apr. 13.
- Nesbitt, Ethan A., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic material. 2,311,229; Oct. 10.
- Nesbitt, Ethan A., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Permanent magnet and production. 2,317,295; Apr. 20.
- Neshaim, Otto E., New York, N. Y. Coffee brewing utensil. 2,319,511; May 18.
- Ness, Curtis O., Denver, Colo. Meat grinder. 2,333,669; Nov. 9.
- Ness, William H. C., and J. F. Holmes, assignors to National Cornice Works, Los Angeles, Calif. Machine for treating plants in rows with insecticide. 2,330,003; Sept. 21.
- Nesselbush, Louis M. (See Wick, J. L., Jr., and Nesselbush.)
- Nessot, Maurice M., Glenview, and E. J. Nawoj, Chicago, assignors to Bacter Laboratories, Inc., Glenview, Ill. Preparation of sterile tubing sets. 2,322,701; June 22.
- Nessler, Charles, Palisades, N. Y. Integument treating apparatus. 2,331,621; Oct. 12.
- Nessler, Floyd C., Rocky River, assignor to The Sherwin-Williams Company, Cleveland, Ohio. Production of dehydrated castor oil. 2,336,186; Dec. 7.
- Nesler, Friedrich, Walsrode, Germany; vested in the Alien Property Custodian. Washing nitrocellulose to recover nitrating acids. 2,310,862; Feb. 9.
- Nest, Richard E., assignor to C. W. Schaefer, doing business as General Oil Burner Company, Baltimore, Md. Pump structure for oil burners. 2,311,461; Feb. 16.
- Nestelberger, Franz, Frankfurt-on-the-Main-Hochst, Germany; vested in the Alien Property Custodian. Film printing screen and manufacturing it. 2,335,021; Nov. 23.
- Nestlé's Milk Products, Inc. (See Griffin, H. L., Robb, Titus, and Gebhardt, assignors.)
- Nestor, John W., Wilmette, Ill. assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for recovery recovery. 2,319,082; May 11.
- Neth, Frank A., and M. Gougler, Chicago, Ill., assignors to The Vollrath Co., Sheboygan, Wis. Roaster. 2,336,699; Dec. 14.
- Nette, Henry C., Rutherford, and M. L. Taylor, West Englewood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Windshield wiper drive. 2,311,121; Feb. 16.
- Nette, Henry C., Rutherford, and M. L. Taylor, West Englewood, N. J., assignors to Bendix Aviation Corporation, South Bend, Ind. Fluid motor. 2,316,356; Apr. 13.
- Nettel, Friedrich, New York, N. Y. Apparatus for combustion turbines. 2,322,717; June 22.
- Nettesheim, Peter W., Chicago, Ill. Direct and indirect lamp. 2,319,119; Dec. 14.
- Netting, Ralph B., Grosse Pointe, Mich. Light reflector. 2,323,073; June 29.
- Nettleford, T. S., & Sons Proprietary Limited. (See Dod, H. C., and Lewis, assignors.)
- Neu, Richard, Dessau in Anhalt, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels G. m. b. H., Zurich, Switzerland. Production of capillary active media. 2,310,109; Feb. 2.
- Neubauer, Aloysius S., assignor of one-fourth to F. B. Colombo, and one-fourth to G. A. Schedin, Marble, Minn. Crank pin turning device. 2,330,075; Sept. 21.
- Neubert, Martin, Friedrichshafen-Manzell-on-the-Bodensee, Germany; vested in the Alien Property Custodian. Rivet connection. 2,317,794; Apr. 27.
- Neuby, Errett, et al., trustee. (See Odor, Ralph K., assignor.)
- Neuerburg, Walter, Cologne-Marienburg, Germany; vested in the Alien Property Custodian. Reed holder. 2,310,908; Feb. 9.
- Neufeld, Jacob, assignor to Well Surveys, Incorporated, Tulsa, Okla. Well surveying method and apparatus. 2,320,643; June 1.
- Neufeld, Jacob, assignor to Well Surveys, Incorporated, Tulsa, Okla. Well-logging method and apparatus. 2,330,484; July 6.
- Neugebauer, Franz, Allach, near Munich, A. Franz, Dessau-Ziebigk, S. Decher and K. Meissner, Dessau, Germany; vested in the Alien Property Custodian. Reaction nozzle. 2,317,795; Apr. 27.
- Neugebauer, Franz, and E. Hartmann, Munich-Allach, and L. Wagensell, Munich-Obermenzing, Germany; vested in the Alien Property Custodian. Piston head. 2,323,074; June 29.
- Neugebauer, Hermann. (See Kesselring, F., Gieffers, Kaufmann, Neugebauer, Puttfarcken, Schimpf and Zühlke.)
- Neuhart, Andrew, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Sheet handling apparatus. 2,309,662; Feb. 2.
- Neuhaus, Ralph, assignor to Hughes Tool Company, Houston, Tex. Wear-resisting tool joint. 2,334,350; Nov. 16.
- Neuhausen, Sebastian P., Lombard, Ill. Brush. 2,326,879; Aug. 17.
- Neukow, Oliver W. (See McLennan, L. W., and Neukow.)
- Neuland, Alfons H., Cleveland, Ohio. Engine. 2,329,480; Sept. 14.
- Neuland, Alfons H., Cleveland, Ohio. Barrel engine. 2,330,105; Oct. 19.
- Neuland, Alfons H., Cleveland, Ohio. Engine. 2,332,106; Oct. 19.
- Neumair, Joseph A., Hollis, N. Y., assignor to International Cigar Machinery Company. Cigar enveloping. 2,324,017; July 13.
- Neuman, Jacob J. (See Lienau, J. H., and Neuman.)
- Neuman, Jacob J., South Salem, N. Y. Full automatic centrifugal extractor machine. 2,328,394; Aug. 31.
- Neuman, Jacob J., South Salem, N. Y. Apparatus for processing sugar and the like. 2,328,395; Aug. 31.
- Neuman, Jacob J., South Salem, N. Y. Full automatic centrifugal extractor machine. 2,328,396; Aug. 31.
- Neuman, Jacob J., South Salem, N. Y. Throw-away pallet. 2,328,397; Aug. 31.
- Neuman, Jacob J., South Salem, N. Y. Bag holder. 2,332,002; Oct. 19.
- Neuman, Jacob J., South Salem, N. Y. Bag filling apparatus. 2,334,120; Nov. 9.
- Neuman, Jacob J., South Salem, N. Y. Vacuum boiling pan. 2,335,131; Nov. 23.
- Neuman, Leonard J. (See Furse, Dean H., and Neuman.)
- Neumann, Erwin R., and W. J. Walter, Perry, Tex. Weeder attachment for cultivators. 2,307,533; Jan. 5.
- Neumann, George R. (See Mueller, M. L., and Neumann.)
- Neumann, Leopold, assignor to Multipriests, Inc., New York, N. Y. Welding rod and making the same. 2,333,811; Nov. 9.
- Neumann, Otto, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Explosion-proof circuit interrupter. 2,333,547; Nov. 2.
- Neumann, Walter. (See Loewe, Walter S., assignor.)
- Neumark, Hans R., Forest Hills, and J. H. Pearson, Flushing, assignors to General Chemical Company, New York, N. Y. Production of alkali metal cyanates. 2,334,723; Nov. 23.
- Neumiller, F., Dudley, assignor to American Optical Company, Southbridge, Mass. Means for testing eyes. 2,326,965; Aug. 17.
- Neumueller, Julius F., Dudley, assignor to American Optical Company, Southbridge, Mass. Orthoptic instrument. 2,335,077; Nov. 23.
- Neumueller, Julius F., Dudley, and D. Dodkin, assignors to American Optical Company, Southbridge, Mass. Orthoptic instrument. 2,335,076; Nov. 23.
- Neunherz, Herbert W., Gardner, Mass. Treadle and catch. 2,312,184; Feb. 23.
- Neunherz, Herbert W., Gardner, Mass. Hardware. 2,312,185; Feb. 23.
- Neunherz, Herbert W., Gardner, Mass. Hardware. 2,314,418; Mar. 23.
- Neunherz, Herbert W., Gardner, Mass. Catch. 2,318,412; May 4.
- Neunherz, Herbert W., Gardner, Mass. Hinge guard for sofa beds. 2,317,105; Apr. 20.
- Neunherz, Herbert W., Gardner, Mass. Hardware. 2,319,254; May 18.
- Neunherz, Herbert W., Gardner, Mass. Trip lock. 2,327,735; Aug. 24.
- Neuse, Wilhelm, Finkenkrug, Kreis Osthavelland, Germany; vested in the Alien Property Custodian. Expansion thermometer. 2,316,611; Apr. 13.
- Neutra, Richard J., Los Angeles, and P. R. Williams, Glendale, Calif. Table. 2,329,213; Sept. 14.
- Novell, G. W. (See Cushing, George, assignor.)
- Neversag Products, Inc. (See Stadler, Paul, assignor.)
- Neville, Gale E. H., and A. Leman, Crosby, Tex., assignors to The National Supply Company, Pittsburgh, Pa. Ram construction for blowout preventers. 2,318,882; May 11.
- Neville, George A., assignor to Albany Felt Company, Albany, N. Y. Felt belt. 2,332,393; Oct. 19.
- Neville, Gerald R., Syracuse, N. Y. Hydraulic brake. 2,330,004; Sept. 21.

- Nevills, Guy D., Boulder, Colo. Apparatus for resoling footwear. 2,330,989; Oct. 5.
- Nevin, Donald A. (See Connor, R., and Nevin.)
- Newinger, Ralph A., Greenville, Ill. Electric indicating mechanism. 2,309,205; Jan. 26.
- Nevius, Sol T., Brooklyn, N. Y. Surgical appliances. 2,320,736; June 1.
- Nevius, John W. (See Betts, O. R., Nevius, and Hendrickson.)
- New, Fred M., New York, N. Y. Ball lifting game. 2,322,155; June 15.
- New, Fred M., New York, N. Y. Flashlight attachment. 2,313,356; Mar. 9.
- New, Francis H. M., Taylors, S. C. Process of engraving. 2,332,003; Oct. 19.
- Newark Stove Company. (See Lieber, Herman F., assignor.)
- Newbold, Park L., Cedar Rapids, Iowa. Corn planter. 2,310,540; Feb. 9.
- Newbold, Park L., Cedar Rapids, Iowa. Fire escape. 2,310,765; Feb. 9.
- Newbold, Thomas, Santa Clara, N. Y., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Attaching means for separable fastener installations. 2,327,330; Aug. 17.
- Newbold, William H., Langhorne, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. High frequency antenna system. 2,318,516; May 4.
- Newbould, Maurice G. R., assignor to Papercrete Limited, London, England. Suction cylinder mold for paper making machines. 2,329,553; Sept. 14.
- New Britain Machine Company, The. (See Jobert, Arthur H., assignor.)
- New Britain Machine Company, The. (See Montgomery, Donald H., assignor.)
- New Britain Machine Company, The. (See Rockwell, Edward A., assignor.)
- Newbrough, Bessie M., Seattle, Wash. Current collector. 2,325,971; Aug. 3.
- Newby, Errett, et al., trustee. (See Odor, R. K., and Dodge, assignors.)
- New Castle Products Inc. (See Keys, J. R., and Oberdorfer, assignors.)
- New Castle Products, Inc. (See Oberdorfer, H. D., and Van Ruskirk, assignors.)
- Newcomb, Philip P., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller shaft connection. 2,328,576; Sept. 7.
- Newcomb, Thomas S., Rochester, N. Y. Machine for making shoes. 2,331,220; Oct. 5.
- Newcomb, William, Brooklyn, N. Y. Steam engine. 2,311,074; Feb. 19.
- Newcomer, Ennis G., and J. Takiff, Los Angeles, Calif.; said Takiff assignor to said Newcomer. Slacks and the like. 2,327,207; Aug. 17.
- Newell, Arthur T., Huntington, assignor to Kenyon Instrument Co., Inc., Huntington Station, N. Y. Barometer. 2,311,900; Feb. 13.
- Newell, Felix R., Detroit, Mich. Swaging die with automatic set. 2,320,078; Sept. 7.
- Newell, Frederick T., assignor to Dresser Manufacturing Company, Bradford, Pa. Pipe fitting. 2,309,253; Jan. 26.
- Newell, George K., near Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Inertia operated control device. 2,311,856; Feb. 23.
- Newell, George K., near Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,322,049; June 15.
- Newell, George K., near Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Truck construction. 2,322,050; June 15.
- Newell, George K., near Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Relay valve. 2,334,834; Nov. 23.
- Newell, George K., near Pitcairn, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake cylinder device. 2,337,766; Dec. 28.
- Newell, Heber L., Stratford, Conn., assignor to General Electric Company. Control device. 2,316,612; Apr. 13.
- Newell, Robert E., Irwin, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Heat responsive device. 2,307,636; Jan. 5.
- Newell, Thomas H. (See Ronning, J. A., and Newell.)
- Newell, William H., New York, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. Computer mechanism. 2,317,293; Apr. 20.
- Newells, Frank, Glendale, Calif. Clock operated switch. 2,320,462; June 1.
- New-Era Walls, Limited. (See Williams, Francis A., assignor.)
- Newhams, William C., assignor to The Dow Chemical Company, Midland, Mich. Recovery of magnesium from fluxes. 2,330,137; Sept. 21.
- Newhams, William C., and C. E. Nelson, assignors to The Dow Chemical Company, Midland, Mich. Recovery of magnesium from halide fluxes. 2,327,153; Aug. 17.
- Newhard, Wayne L., Conneautville, Pa., assignor to American Viscos Corporation, Wilmington, Del. Production of monofilaments. 2,322,094; June 15.
- New Haven Clock Company, The. (See Whitehead, Richard H., assignor.)
- Newhouse, Oscar O., Brandon, Minn. Milk cooler. 2,308,299; Jan. 12.
- Newhouse, Walter F., Benton Harbor, Mich. Machine and performing successive operations on materials. 2,315,540; Apr. 6.
- Newhouse, Walter F., and L. M. Hille, assignors to Saranac Patents Holding Company, Benton Harbor, Mich. Machine for forming loops on the ends of the wires of wire-bound boxes. 2,321,530; July 20.
- New Indiana Chair Company. (See Schauf, Albert M., assignor.)
- New Jersey Interlocking Brick Co. (See Karmanocky, Joseph, assignor.)
- New Jersey Machine Corporation. (See von Hofe, George W., assignor.)
- New Jersey Zinc Company, The. (See Best, George E., assignor.)
- New Jersey Zinc Company, The. (See Cyr, Howard M., assignor.)
- New Jersey Zinc Company, The. (See Steckel, E. W., and Mahler, assignors.)
- Newkirk, Clarence E., Orange, Calif. Suction disk plow. 2,320,712; June 1.
- Newkirk, Francis F., assignor to American Reinforced Paper Company, Attleboro, Mass. Shrinkproof paper and manufacture and laminated product. 2,315,128; Mar. 30.
- Newland, Jay R., Benton Harbor, Mich., assignor to Remington Rand Inc., Buffalo, N. Y. Loose-leaf binder. 2,336,629; Dec. 14.
- Newland, John H. (See Danehy, J. P., and Newland.)
- Newlon, George R., assignor to Marietta Manufacturing Company, Point Pleasant, W. Va. Pipe welding clamp. 2,308,340; Jan. 12.
- Newman, Arthur, New York, N. Y. Control mechanism. 2,323,411; July 6.
- Newman, David F., Mountain Lakes, N. J., assignor to Trans-Lux Corporation, New York, N. Y. Projection apparatus. 2,317,476; Apr. 27.
- Newman, David F., Rockville Centre, assignor to Trans-Lux Corporation, New York, N. Y. Tape-controlling arrangement. 2,326,386; Aug. 10.
- Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Food storage receptacle for refrigerators. 2,317,212; Apr. 20.
- Newman, John M., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Control system. 2,308,709; Jan. 19.
- Newman, John M., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Control system. Re. 23,294; May 27.
- Newman, Max M. (See Newman, Victor M., assignor.)
- Newman, Max M., New York, N. Y., assignor to American Machine & Foundry Company. Tie fabric and lining, assembling and sewing. 2,337,919; Dec. 28.
- Newman, Nathan E., Bronxville, N. Y., assignor to Asbestos Limited Incorporated, New York, N. Y. Manufacture of insulation units. 2,309,206; Jan. 26.
- Newman, Phil F., Blackwell, Okla. Destroying aircraft. 2,325,681; July 6.
- Newman, Ruth, et al. (See Fleming, Wells S., assignor.)
- Newman, Victor M., assignor to Max M. Newman, New York, N. Y. Hair curler. 2,321,931; June 15.
- Newmark, Herbert J. (See Iapanowicz, Charles, assignor.)
- New Method Equipment Company. (See Jones, L., and Blair, assignors.)
- New Monarch Machine & Stamping Co. (See Anderson, Clarence S., assignor.)
- Newport, Herbert. (See Fairhurst, L. G., and Newport.)
- Newport Industries, Inc. (See Oliver, A. F., and Palmer, assignors.)
- Newport Industries, Inc. (See Oliver, A. F., and Palmer, assignors.)
- Newport Industries, Inc. (See Palmer, R. C., and Bibb, assignors.)
- Newport, Jesse H., Jr. (See Derham, P. A., and Newport.)
- New Process Screw Corporation. (See De Vellier, William A., assignor.)
- New Products Corporation. (See Banker, Oscar H., assignor.)
- New Products Corporation. (See Morrison, James L. D., assignor.)
- Newsom, Kitchener K., San Francisco, Calif. Packing structure for eggs. 2,310,110; Feb. 2.
- Newsom, Kitchener K., San Francisco, Calif. Egg crate. 2,333,116; Nov. 2.
- Newspaper Service Corporation. (See Look, Robert D., assignor.)
- News Syndicate Co. (See Crafts, C. S., and Knell, assignors.)
- Newstedt, Harry N., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,315,008; Mar. 30.
- Newstedt, John R., Cincinnati, Ohio, and J. B. Millet, Boston, Mass. Neurological unit. 2,315,160; Mar. 30.
- Newton, Alvin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electric switch. 2,309,207; Jan. 26.
- Newton, Alvin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Reverse cycle heating system. 2,313,390; Mar. 9.

- Newton, Alvin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigerating system. 2,313,391; Mar. 9.
- Newton, Alvin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,318,706; May 11.
- Newton, Alvin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,320,881; June 1.
- Newton, Alvin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,327,208; Aug. 17.
- Newton, Alvin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,327,544; Aug. 24.
- Newton, Alvin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heating system. 2,331,718; Oct. 12.
- Newton, Alvin B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,334,216; Nov. 16.
- Newton, Daniel O. (See Bertness, T. A., Johnston and Newton.)
- Newton, Dennis L., Fort Madison, Iowa. Blood pressure cuff. 2,332,488; Oct. 19.
- Newton, Edwin E., Montreal, C. A. Peachey, Ville La Salle, and F. R. Revely, St. Lambert, Quebec, Canada, assignors to Western Electric Company, Incorporated, New York, N. Y. Coating strands. 2,315,645; Apr. 6.
- Newton, Gaylord W., and P. Heftler, Seattle, Wash. Spring suspension. 2,334,702; Nov. 23.
- Newton, John S., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric coupling torque indicating device. 2,330,991; Oct. 5.
- Newton, Lowell K., assignor to Industrial Patents Corporation, Chicago, Ill. Banding machine. 2,311,610; Feb. 16.
- Newton, Paul D., Mayfield Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Fuel tank closure. 2,334,948; Nov. 23.
- Newton, Ralph L., Kansas City, Mo. Power transmitting apparatus. 2,312,668; Mar. 2.
- Newton, Robert D., Moss Point, Miss. Device for tightening wood barking drums. 2,337,404; Dec. 21.
- Newton, Sidney H., and B. T. Griner, Savannah, Ga. Chair attachment. 2,311,566; Feb. 16.
- New York Air Brake Company, The. (See Baldwin, Wayne A., assignor.)
- New York Air Brake Company, The. (See Brown, Robert S., assignor.)
- New York Air Brake Company, The. (See Eggleston, Robert S., assignor.)
- New York Air Brake Company, The. (See Jerome, Clarence H., assignor.)
- New York Air Brake Company, The. (See Safford, Lewis A., assignor.)
- New York, & Brooklyn Casket Co. (See Sidi, Albert A., assignor.)
- New York Railroad Company. (See Hamilton, W. S. H., and Rowell, assignors.)
- New York Pressing Iron Co. Inc. (See Hoch, Walter A., assignor.)
- New Wrinkle, Inc. (See Drummond, Folsom E., assignor.)
- New Wrinkle, Inc. (See Drummond, F. E., and Waldie, assignors.)
- New Wrinkle, Inc. (See Waldie, William A., assignor.)
- Niagara Blower Company. (See Deverall, Charles N., assignor.)
- Niagara Blower Company. (See Olstad, M. H., and Williams, assignors.)
- Niagara Machine and Tool Works. (See Munschauer, Frederick E., assignor.)
- Niagara Sprayer and Chemical Co. (See Les Veaux, John F., assignor.)
- Niagara Units, Incorporated. (See Wettlaufer, William L., assignor.)
- Nichol, Frederick W., New York, and L. H. Fronsfield, Conklin, assignors to International Business Machines Corporation, New York, N. Y. Letter writing machine. 2,318,325; May 4.
- Nichol, William G., Philadelphia, Pa. Fountain pen. 2,336,028; Dec. 7.
- Nicholas, Alexander. (See Bank, A. M., and Nicholas.)
- Nicholas, Harold I., assignor to Burke & James, Inc., Chicago, Ill. Print drier. 2,309,527; Jan. 26.
- Nicholas, Harold I., assignor to Burke & James, Inc., Chicago, Ill. Switch. 2,313,166; Mar. 9.
- Nicholas, Herbert T., assignor to Klotz Machine Company, Sandusky, Ohio. Knife blade grinding machine. 2,318,883; May 11.
- Nicholides, Emmanuel C., Bronx, N. Y., assignor to Aurex Corporation, Chicago, Ill. Heating aid device. 2,322,952; June 29.
- Nicholides, Emmanuel C., Chicago, Ill. Speed indicating and recording device. 2,326,246; Aug. 10.
- Nicholides, Emmanuel C., Chicago, Ill. Speed exhibiting device. 2,326,247; Aug. 10.
- Nicholides, Emmanuel C., Chicago, Ill. Speed exhibiting device. 2,326,248; Aug. 10.
- Nicholl, Leonard. (See Bitler, W. P., and Nicholl.)
- Nichols, Beverly R. (See Ring, J. J., and Nichols.)
- Nichols, Charles A., and E. R. Fausset, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Wire feeding apparatus. 2,312,845; Mar. 2.
- Nichols, Charles A., and G. L. Weiser, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Manufacture of T's from metal tubing. 2,318,707; May 11.
- Nichols, Charles R., Jr. (See Hasselquist, H. S., and Nichols.)
- Nichols, Edgar B., assignor to Nichols Products Company, Moorestown, N. J. Recording measuring instrument. 2,308,710; Jan. 19.
- Nichols, Edward C., Upton, assignor to Draper Corporation, Hopedale, Mass. Filling end parting mechanism. 2,319,181; May 11.
- Nichols, Emory D., Miami, Fla. Closure removing tool. 2,330,513; Sept. 28.
- Nichols Engineering & Research Corporation. (See Freeman, Horace, assignor.)
- Nichols Engineering & Research Corporation. (See Owen, Mark L., assignor.)
- Nichols Engineering & Research Corporation. (See Rowen, Robert W., assignor.)
- Nichols, Ernest H., Hagerstown, Md. Preparing bituminous coating mixtures. 2,316,357; Apr. 13.
- Nichols, Frank M., South River, N. J. Signal flare. 2,307,707; Jan. 5.
- Nichols, Frederick S., Melrose, Mass. Reversible curtain. 2,325,430; July 27.
- Nichols, John J., et al. (See Biskind, Morton S., assignor.)
- Nichols, Harold W., Jr., Cincinnati, assignor to The Security Bag Company, Lockland, Ohio. Locking closure for paper bags and other containers. 2,336,630; Dec. 14.
- Nichols, Harry J., Point Pleasant, N. J. Combination system. 2,329,077; Sept. 7.
- Nichols, Harry J., Point Pleasant, N. J., assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,315,727; Apr. 6.
- Nichols, Harry J., Point Pleasant, N. J., assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,315,728; Apr. 6.
- Nichols, H. L., Theodor, Binghamton, and J. A. Skinner, Johnson City, assignors to International Business Machines Corporation, New York, N. Y. Communication system. 2,307,153; Jan. 5.
- Nichols, Harry J., Binghamton, N. Y. Fuse. 2,335,842; Nov. 30.
- Nichols, Herbert L., Jr., Greenwich, Conn. Hydraulic control valve. 2,317,790; Oct. 12.
- Nichols, Leonard E., Detroit, Mich. Electric shaver. 2,318,255; May 4.
- Nichols, Paul R., Chicago, Ill. Stock line recording means. 2,322,383; June 22.
- Nichols Products Company. (See Nichols, Edgar B., assignor.)
- Nichols, Ralph G. (See Morey, W. E., and Nichols.)
- Nichols, Raymond, Pittsburgh, and T. A. Desmone, Springdale, Pa., assignors to Pittsburgh Corning Corporation. Wall for buildings. 2,326,245; Aug. 10.
- Nichols, Richard D., administrator. (See Jeffrey, R. K., and Mitchell.)
- Nichols, Richard D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Screening apparatus for liquids. 2,307,601; Jan. 5.
- Nichols, Richard D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Apparatus for sewage treatment. 2,309,002; Jan. 19.
- Nichols, Walter E., Milton, assignor to The Reece Button Hole Machine Company, Boston, Mass. Sewing machine. 2,328,668; Sept. 7.
- Nichols, William M. (See Anderson, J. W., and Nichols.)
- Nichols, William T., near St. Albans, V. Va., assignor to Westvaco Chlorine Products Corporation, New York, N. Y. Diaphragm for chlorine cells. 2,326,101; Aug. 3.
- Nicholson, Edward W. (See Drehs, R. W., and Nicholson.)
- Nicholson, Edward W., Detroit, Mich. Metal partition structure. 2,322,051; June 15.
- Nicholson, Frank H., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Alternating current supply means. 2,337,207; Dec. 21.
- Nicholson, Frank H., and H. W. Bryan, Penn Township, Allegheny County, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,313,887; Mar. 16.
- Nicholson, Frank H., Penn Township, Allegheny County, and C. E. Staples, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,331,134; Oct. 5.
- Nicholson, Frank H., Penn Township, Allegheny County, and L. R. Allison, Forest Hills, assignors to The Union Switch & Signal Company, Swissvale, Pa. Train control system. 2,332,248; Oct. 19.
- Nicholson, Madison G. (See Marden, J. W. and Nicholson, Jr.)
- Nicholson, Ralph A., assignor to R. T. Moloney, Chicago, Ill. Cup support and drain. 2,321,844; June 15.
- Nicholson, Ralph A., assignor to Raymond T. Moloney, Chicago, Ill. Drum coupling. 2,328,669; Sept. 7.

- Nicholson, William B., and E. P. Jones, Elizabeth, N. J., assignor to The Linde Air Products Company. Apparatus for cutting or flame-machining metal. 2,317,936; Apr. 27.
- Nickells, Stanley W. (See Haines, J. E., Laling, and Nickells.)
- Nickelsburg, Sidney, assignor to Morelight Company, Inc., New York, N. Y. Carbon arc lamp. 2,309,267; Jan. 26.
- Nickelsen, John M. (See Boor, A., Nickelsen, Read, and Whister, John M.)
- Nickelsen, John M. (See McIntyre, W. D., Nickelsen and Read.)
- Nickle, Arthur G. (See Nickle, F. H. and A. G.)
- Nickle, Clifford A., Schenectady, N. Y., assignor to General Electric Company. Flash powder and preparation. 2,316,358; Apr. 13.
- Nickle, Frank H., and A. G. Saginaw, Mich. Making bimetal cutting elements. 2,330,138; Sept. 21.
- Nickle, Frank H. and A. G. Saginaw, Mich. Ear corn crushing machine. 2,330,139; Sept. 21.
- Nicks, H. S., executor, et al. (See Paxton, Walter H.)
- Nicol, Herbert E., assignor to Korner Incinerator Company, Milwaukee, Wis. Incinerator. 2,332,591; Oct. 24.
- Nicol, John, assignor to Divoce Twin Truck Company, Detroit, Mich. Vehicle control mechanism. 2,314,730; Mar. 23.
- Nicolaus, Frank G., assignor to Raymond T. Moloney, Chicago, Ill. Bumper switch for ball rolling games. 2,328,067; Sept. 7.
- Nicolaus, Frank H. (See Hooker, D. E., and Nicolaus.)
- Nicolli, William D. (See Hill, J. W., and Nicolli.)
- Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. Photoelectric tube and circuit. 2,320,977; June 1.
- Nicolson, Garth F., Huntington Park, and R. K. Hertel, Los Angeles, Calif., assignors to Byron Jackson Co., Huntington Park, Calif. Drilling hook. 2,331,341; Oct. 12.
- Nisou, Hans T. (See Ekman, Olof I. H.)
- Nieburgs, Haima E., London, England. Surgical tourniquet. 2,332,107; Oct. 19.
- Nied, Herman F., Camden, N. J. Combined adjustable resistance device and switch unit. 2,311,611; Feb. 16.
- Niedercoorn, Joseph G., Riverside, and W. O. Dawson, Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Aluminum salt of hydroxy carboxylic acids. 2,327,815; Aug. 24.
- Niederl, Joseph B., Brooklyn, N. Y. Carboxylated estrogenic hormones. 2,322,311; June 22.
- Niederl, Joseph B., Brooklyn, N. Y. Cycloalkylene phenols. 2,322,867; Oct. 26.
- Niederl, Joseph B., Brooklyn, N. Y. Producing tetra hydroxyphenyl alkanes. 2,333,548; Nov. 2.
- Niedermayer, Anton, Philadelphia, Pa. Handle. 2,316,985; Apr. 26.
- Niederreither, Hans, and O. Lang, Munich, Germany; vested in the Alien Property Custodian. Making cementitious building units. 2,328,290; Aug. 31.
- Niedringhaus, Charles W., assignor to School of Design, Chicago, Ill. Article formed from relatively thin resilient sheets. 2,324,318; July 13.
- Niekamp, Richard A., assignor to The Master Electric Company, Dayton, Ohio. Electric motor gearing. 2,320,370; June 1.
- Nielebock, Walter, Babelsberg-Potsdam, Germany; vested in the Alien Property Custodian. Blast tank for liquid pumps. 2,317,796; Apr. 27.
- Nielsen, Hans C., Berlin, Conn. Cover for bolt openings. 2,309,473; Jan. 26.
- Nielsen, John, Beloit, Wis., assignor to American Pearl Button Co., Washington, Iowa. Button attaching machine. 2,332,249; Oct. 19.
- Nielsen, John P., assignor to Woodall Industries Incorporated, Detroit, Mich. Method of fabricating fibrous resinous structures. 2,328,992; Sept. 7.
- Nielsen, Peer D. (See Giesel, C. J., and Nielsen.)
- Nielsen, Peer D., Lorain, Ohio, assignor to National Tube Company. Method for the production of steel. 2,317,793; Apr. 27.
- Nielsen, Peer D., Lorain, Ohio, assignor to National Tube Company. Timing device. 2,336,563; Dec. 14.
- Nielsen, Peter P., et al. (See Berkner, Arthur K., assignor.)
- Nietopp, Richard G., South Amboy, N. J. Collapsible seat. 2,333,734; Nov. 9.
- Niemann, Henry W. (See Chamberlin, A. C., and Niemann.)
- Niemczynski, Benjamin J., Bronx, J. B. Midulla, New York, N. Y., and J. D. Midulla, Tampa, Fla. Cigar piercing apparatus. 2,312,577; Mar. 2.
- Niesemann, Fritz. (See MacLean, A. D., and Niesemann.)
- Niesner, Charles J., Dawson, N. Dak. Window ventilator. 2,311,122; Feb. 16.
- Niewoehner, Fred, New York, N. Y., assignor to Interstate Vending Machine Company of St. Louis, St. Louis, Mo. Vending machine. 2,315,811; Apr. 6.
- Nighor, Thomas A., Whitefish Bay, assignor to Howard Mfg. Co., Milwaukee, Wis. Dispensing apparatus and faucet. 2,327,444; Aug. 24.
- Nijland, Hendrik A. H., Laren, Netherlands; vested in the Alien Property Custodian. Circuit breaker for high voltage. 2,313,571; Mar. 9.
- Nik-O-Lok Company, The. (See Frazier, Sherman W., assignor.)
- Niles-Bement-Pond Company. (See Caldwell, S. H., Jessor, and Taylor, assignors.)
- Niles-Bement-Pond Company. (See Drake, Alden M., assignor.)
- Niles-Bement-Pond Company. (See Fox, Raymond S., assignor.)
- Niles-Bement-Pond Company. (See Hoagland, Frank O., assignor.)
- Niles-Bement-Pond Company. (See Knowles, C., and Wilder, assignors.)
- Niles-Bement-Pond Company. (See Johnson, Stanley G., assignor.)
- Niles-Bement-Pond Company. (See Shaw, Robert D., assignor.)
- Niles-Bement-Pond Company. (See Terry, S. B., and Fox, assignors.)
- Nil, Edward A., assignor to The H. A. Montgomery Company, Detroit, Mich. Wax composition. 2,320,644; June 1.
- Nil, Edward A., assignor to The H. A. Montgomery Company, Detroit, Mich. Wax composition. 2,320,645; June 1.
- Nil, Edward A., assignor to The H. A. Montgomery Company, Detroit, Mich. Drawing composition and making the same. 2,326,387; Aug. 10.
- Nil, Edward A., Detroit, Mich. Dewaxing oil. 2,327,445; Aug. 24.
- Nilsen, Nicolai, Wallace, and T. R. Christofferson, Gem, Idaho. Crosscut saw. 2,320,743; June 1.
- Nilsen, Torval W., Snelling, Calif. Crank unit. 2,315,530; Apr. 13.
- Nilson, Eric H., White Plains, N. Y., assignor to A. O. Smith Corporation, Milwaukee, Wis. Multilayer pressure vessel. 2,332,462; Oct. 19.
- Nislen, Harold, Wayzata, Minn., assignor to George H. Ische, Milwaukee, Wis. Lifting apparatus. 2,328,483; Aug. 31.
- Nilsson, Axel T., Goteborg, Sweden. Safety sling. 2,325,872; Aug. 3.
- Nilsson, Bert, Umea, (See Lundback, S. V., and Nilsson.)
- Nimrick, Harold C., Detroit, Mich. Liquid wax applicator. 2,326,669; Aug. 10.
- Nineteen Hundred Corporation. (See Geldhof, Peter E., assignor.)
- Nineteen Hundred Corporation. (See Ringer, Luther, assignor.)
- Ninel Development Company. (See Kritchevsky, Wolf, assignor.)
- Nippert, Paul W., Columbus, Ohio. Voltage regulator for the electrical systems of automotive vehicles. 2,312,669; Mar. 2.
- Nisbet, Robert H., Stroud, and W. G. Harding, Whitton, England, assignors to Sperry Gyroscope Company Incorporated, Brooklyn, N. Y. Controlling the direction of the axes of gyroscopes. 2,307,788; Jan. 12.
- Nisenson, Jules. (See Spiro, E. H., Jr., and Nisenson.)
- Nisenson, Jules. (See Stern, M. H., and Nisenson.)
- Nisenson, Jules, assignor to Kent Hardware Mfg. Corp., New York, N. Y. Stamping device. 2,312,727; Mar. 2.
- Nissen, Hans F. (See Eggert, J., and Nissen.)
- Nissen, John, Jr., Noble, Pa. Collapsible tube. 2,323,291; Dec. 21.
- Nissim, Raoul, London, England. Electric arc furnace with removable hearth or roof. 2,313,537; Mar. 16.
- Nitsche, Erich. (See Waibel, F., and Nitsche.)
- Nitz, Herbert, Berlin, Germany; vested in the Alien Property Custodian. Subscriber's station for carrier frequency communication systems. 2,330,612; Sept. 28.
- Nivling, Lyman E., et al., administrator. (See Nivling, Walter A.)
- Nivling, Owen C., et al., administrator. (See Nivling, Walter A.)
- Nivling, Walter A., Newton, Mass., deceased, Lyman E. Nivling and Owen C. Nivling, administrators. Sizing and coating apparatus. 2,316,531; Apr. 13.
- Nix, Edmund A., Montreal, Quebec, assignor to Dominion Hoist & Shovel Company Limited, Lachine, Quebec, Canada. Loading machine. 2,334,835; Nov. 23.
- Nixon, Alan C. (See McOmie, R. W., Davis, and Nixon.)
- Nixon, Alan C., San Francisco, and O. L. Davis, Oakland, assignors to Shell Development Company, San Francisco, Calif. Reconditioning used solvent solutions. 2,331,622; Oct. 12.
- Nixon, Jedd D., Houston, Tex. Fluid flow device. 2,323,838; July 6.
- Nixon, Jedd D., Houston, Tex. Fluid flow control device. 2,323,839; July 6.
- Nixon, Leslie R., New Eltham, London, assignor to J. Stone & Company Limited, Deptford, England. Electric regulator. 2,333,269; Nov. 2.
- Noon, Mortimer, New York, N. Y., and L. W. Kriney, Plainfield, N. J. Reinforcing means for folding boxes. 2,311,857; Feb. 23.
- Nobbs, Albert R., Peterborough, Ontario, Canada, assignor to General Electric Company. Damping magnet system. 2,309,414; Jan. 26.
- Nobel, Bert, Oakland, Calif. Batch charger. 2,310,592; Feb. 9.
- Noble, Burton A., San Francisco, Calif., assignor to Owens-Illinois Pacific Coast Company. Surface treating glass containers. 2,331,041; Oct. 5.

- Noble, Charles S., Nobleford, Alberta, Canada. Cover cultivator. 2,323,412; July 6.
- Noble, Gerard D. (See Turnock, J. E., and Noble.)
- Noble, Harry M. (See Edmonds, A. H., and Noble.)
- Noble, Robert H., Wharton, and A. A. Campbell, Hackettstown, N. J. Cutting machine. 2,329,214; Sept. 14.
- Noble, Warren, Washington, D. C. Electric welding. 2,309,203; Jan. 26.
- Noble, Wiley B., and J. E. Hoffoss, assignors to Reed Roller Bit Company, Houston, Tex. Core bit. 2,314,947; Mar. 30.
- Noble & Wood Machine Co., The. (See Cowgill, James T., assignor.)
- Nobles, Warren H., assignor to Seeger Refrigerator Company, St. Paul, Minn. Refrigerator shelf. 2,319,470; May 18.
- Noblitt, Quintin G., and E. Ludlow, assignors to Noblitt-Sparks Industries, Inc., Columbus, Ind. Muffler. 2,337,299; Dec. 21.
- Noblitt, Quintin G., and E. Ludlow, assignors to Noblitt-Sparks Industries, Inc., Columbus, Ind. Muffler. 2,337,303; Dec. 21.
- Noblitt-Sparks Industries, Inc. (See Booth, Earl C., assignor.)
- Noblitt-Sparks Industries, Inc. (See Hamilton, Bertis F., assignor.)
- Noblitt-Sparks Industries, Inc. (See Noblitt, Q. G., and Ludlow, assignors.)
- Nodewer, Roy H., Johnston, and L. R. Walker, Homestead, Pa. Grinding balls and making the same. 2,310,987; Feb. 16.
- Noel, Alfred J., Stratford, assignor to The Bodine Corporation, Bridgeport, Conn. Multiple spindle drill press. 2,318,619; May 11.
- Noel, Henry D., New York, N. Y. Paper guide and cutter attachment for built-in toilet paper roll fixtures. 2,331,791; Oct. 12.
- Noel, Henry D., New York, N. Y. Dish and plate support for shelves. 2,331,792; Oct. 12.
- Noel, Henry D., New York, N. Y. Tearing guide for ration book stamps. 2,337,405; Dec. 21.
- Noffsinger, Charles A. (See Quattlebaum, W. M., Jr., and Noffinger.)
- Nollinger, Earl E., assignor to Gibson Electric Refrigerator Corporation, Greenville, Mich. Cabinet structure. 2,317,296; Apr. 20.
- Nohl, Max E., Milwaukee, Wis. Respiratory apparatus. 2,324,716; July 20.
- Nokes, Ernest S., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Cementing machine. 2,326,249; Aug. 10.
- Nolan, Arthur H. (See Gruenewell, P. C., and Nolan.)
- Nolan, John R., Larchmont, assignor to The Diamond Match Company, New York, N. Y. Mechanism for extracting defective book assemblies from match book machines. 2,313,451; Mar. 9.
- Nolan, John R., Larchmont, assignor to The Diamond Match Company, New York, N. Y. Match packet and making the same. 2,331,495; Oct. 12.
- Nolan, John R., Larchmont, N. Y. Reinforced clothespin. 2,332,004; Oct. 19.
- Nolan, Joseph M. (See Talbot, Oliver C., assignor.)
- Nolde, George V., assignor to Butte Electric Manufacturing Co., San Francisco, Calif. Traffic counter. 2,319,153; May 11.
- Nolde, George V., Berkeley, Calif. Navigational guide system. 2,321,098; June 15.
- Nolde, George V., Berkeley, Calif., assignor of forty percent to George A. Rubisow, New York, N. Y. Apparatus for measuring magnetic characteristics of materials. 2,331,418; Oct. 12.
- Nolde and Horst Company, The. (See Thost, Albert, assignor.)
- Nolet, Alfred. (See Daigault, A., and Nolet.)
- Noll, Charles A., and J. J. Maguire, assignors to W. H. & L. D. Betz, Philadelphia, Pa. Magnesium oxide hot process for silica removal from water. 2,307,466; Jan. 5.
- Noll, Harry O., San Diego, Calif. Detachable belt loop. 2,315,161; Mar. 30.
- Noll, Henry D. (See Petry, T. A., Noll, and Lee.)
- Noll, William F. (See Hall, William B. F., assignor.)
- Nollau, Edgar H. (See McBurney, J. D., and Nollau.)
- Noma Electric Corporation. (See Janowitz, Arnold, assignor.)
- Noma Electric Corporation. (See Wolf, Abraham, assignor.)
- No-Mercury Felt Corporation. (See Sartakoff, Jack D., assignor.)
- No-Nail Cases Proprietary Limited. (See Kamper, Andrew M., assignor.)
- No-Nail Cases Proprietary, Limited. (See Muller, Robert A., assignor.)
- Norberg, Harold, Detroit, assignor to The Gordon-R-Company, Royal Oak, Mich. Attachment for milling machines. 2,312,354; Mar. 2.
- Norberg, Oscar E. (See Rosebrook, H. E., and Norberg.)
- Norberg, Oscar E., Cincinnati, Ohio, assignor to Gibson Electric Refrigerator Corporation, Greenville, Mich. Refrigerator cabinet. 2,322,769; June 29.
- Norbom, Ragnar A. (See Fitch, B. F., and Norbom.)
- Nord, Friedrich F., Bronx, N. Y., assignor to Baker & Company, Inc., Newark, N. J. Platinum metal catalysts. 2,329,933; Sept. 21.
- Nord, Friedrich F., Bronx, N. Y., assignor to Baker & Company, Inc., Newark, N. J. Catalytic process. 2,329,934; Sept. 21.
- Nordberg, Albert J., Detroit, Mich. Drill. 2,325,535; July 27.
- Nordberg, Ernst A., Sharon, assignor to Mu Switch Corporation, Canton, Mass. Switch. 2,324,798; July 20.
- Nordberg Manufacturing Company. (See Friend, Robert E., assignor.)
- Nordberg Manufacturing Co. (See Gruender, Oscar C., assignor.)
- Nordberg Manufacturing Co. (See Gruender, O. C., and Werner, assignors.)
- Nordberg Manufacturing Company. (See Symons, Loren G., assignor.)
- Nordberg Manufacturing Company. (See Talboys, Henry H., assignor.)
- Nordberg Manufacturing Co. (See Werner, E., and Steinhart, assignors.)
- Nordberg, Martin E. (See Hood, H. P., and Nordberg.)
- Nordberg, Martin E., assignor to Corning Glass Works, Corning, N. Y. Glass having an expansion lower than that of silica. 2,326,059; Aug. 3.
- Nordel Corporation. (See Eriksen, Haakon M., assignor.)
- Norden, Alexander, Jr. (See Brach, L. S., and Norden.)
- Norden, Axel G., Valley Stream, assignor to Eben Knowlton, New York County, N. Y. Weather strip. 2,315,979; Apr. 6.
- Norden, Elwood. (See Lyman, J., and Norden.)
- Norden, Elwood, Pelham, and A. R. Weckel, Freeport, assignors to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Ground track tracer and landing recorder. 2,332,523; Oct. 26.
- Nordenstam, Robert, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic counting device. 2,323,235; June 29.
- Nordgren, Albert F., Omaha, Nebr. Flanging tool. 2,337,342; Dec. 21.
- Nordlander, Birger W., Schenectady, N. Y., assignor to General Electric Company. Determining the porosity of materials. 2,310,111; Feb. 2.
- Nordon, Elwood. (See Lyman, J., and Norden.)
- Nordquist, Robert G., assignor to Patent License Corporation, Chicago, Ill. Mirror illumination. 2,313,838; Mar. 16.
- Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Conveying device. 2,324,531; Feb. 2.
- Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Transfer valve. 2,326,794; Aug. 17.
- Nordquist, Ronald E. J., Maplewood, and H. L. Bryant, Roselle, N. J., assignors to American Can Company, New York, N. Y. Can filling machine. 2,336,415; Dec. 7.
- Nordstrom, Albin, Princeton, Minn. Mixing apparatus. 2,335,955; Dec. 7.
- Nordstrom, Sven J., Lafayette, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Pressure balanced plug valve. 2,319,943; May 25.
- Norelius, Emil F., Springfield, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Track release mechanism. 2,326,486; Aug. 10.
- No Revind Reel Corp. (See Wandel, Barney, assignor.)
- Norgaard, Donald E., Schenectady, N. Y., assignor to General Electric Company. Wide band amplifier. Re. 22,306; Apr. 27.
- Nørgaard, Gunnar, Copenhagen-Kastrup, Denmark, assignor to Aktiebolaget Elektrisk Malmtenning, Stockholm, Sweden. Apparatus for measuring gravity. 2,311,771; Feb. 23.
- Norgren, Carl A., Denver, Colo., and P. G. Palmgren, Philadelphia, Pa. Lubricator. 2,308,773; Jan. 19.
- Norin, Allan A. (See Schmitt, B. A., and Norin.)
- Norling, Albert E., Oberlin, Ohio. Bait container. 2,328,993; Sept. 7.
- Norma-Hoffman Bearings Corporation. (See Baden, Carl A., assignor.)
- Norma-Hoffmann Bearing Corporation. (See Batesole, Dwight E., assignor.)
- Norma-Hoffman Bearings Corporation et al. (See Wright, Frank L., assignor.)
- Norma Multikolor, Inc. (See Maucher, Hans, assignor.)
- Norman, Albert E. (See Kacic, Joseph J., assignor.)
- Norman, Garnet Wilfred Glover. (See de Lubicz-Bakowski, Zygmunt, Minns, and Norman.)
- Norman, Theron J., Jr. (See Davidson, G. D., Jr., and Norman.)
- Norman, W. F., Sheet Metal Mfg. Co., The. (See Harner, Joseph P., assignor.)
- Normington, James B. (See Dickey, J. B., and Normington.)
- Norred, John, Chicago, Ill. Life preserver. 2,316,101; Apr. 6.
- Norrid, James H., Detroit, Mich. Insulated sliding cutter. 2,312,971; Mar. 2.
- Norris, Edward O., Inc. (See Norris, Edward O., assignor.)
- Norris, Edward O., Westport, Conn., assignor to Edward O. Norris, Inc., New York, N. Y. Producing screen stencils. 2,332,592; Oct. 26.

- Norris, Eric D. T., Hollidown, England, assignor to Ferranti Electric Incorporated, New York, N. Y., Control of automatic voltage regulators. 2,316,707; Apr. 13, 1947.
- Norris, George C., Swissvale, Pa., Ice cube tray. 2,313,394; Mar. 9.
- Norris Products. (See Eberts, Dwight L., assignor.)
- Norris, Rollin H., Schenectady, N. Y., assignor to General Electric Company. Cooling arrangement for gas turbines. 2,320,402; Jan. 19.
- Norris, Rollin H., Schenectady, N. Y., assignor to General Electric Company. Refrigerator. 2,311,557; Mar. 23.
- Norris, Rollin H., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid condenser. 2,332,336; Oct. 19.
- Norris, William A., Alhambra, Calif., Air impeller. 2,309,351; Jan. 26.
- Norrmann, Ernst, Chicago, Ill., Watch timing apparatus. 2,308,202; Jan. 12.
- Norrmann, Ernst, Delavan, Wis., Apparatus for comparing the rates of regularly recurring impulses. 2,310,706; Feb. 9.
- Norrmann, Ernst, Delavan, Wis., Distance measuring device. 2,320,402; Aug. 12.
- North American Aviation Inc. (See Field, Howard, Jr., assignor.)
- North American Aviation, Inc. (See Martin, Eric L., assignor.)
- North American Holding Corporation. (See Metcalf, Arthur G. B., assignor.)
- North American Holding Corporation, et al. (See Tilson, Claude D., assignor.)
- North American Manufacturing Company, The. (See Luthero, Otto, assignor.)
- North American Rayon Corporation. See Bley, Rudolph S., assignor.)
- North American Rayon Corporation. (See Gram, Carl F., assignor.)
- North American Rayon Corporation. (See Jones, F. J., and Bitter, assignors.)
- North American Rayon Corporation. (See Stockley, J. J., and Linhoff, assignors.)
- North Dakota Board of Higher Education, trustee. (See Lavine, L., and Schultz, assignors.)
- North, Edwin W., assignor to National Lock Co., Rockford, Ill., Latching device. 2,309,863; Feb. 2.
- North, George W., Boyceville, Wis., Message dispatcher for railroads. 2,317,633; Apr. 27.
- North and Judd Manufacturing Company. (See Dearle, Denis A., assignor.)
- North Shore Cutting Dies Company. (See Laskiewicz, Stanley, assignor.)
- North, Thomas, and E. L. Milfin, Jr., Washington, D. C., Reading device. 2,337,567; Dec. 28.
- Northern Engineering Works. (See Killaire, Frederick, assignor.)
- Northern Engineering Works. (See Schaltberger, Daniel A., assignor.)
- Northern Equipment Company. (See Veenschoten, Vincent V., assignor.)
- Northern Pump Company. (See Hawley, J. B., Jr., Nathe, Gondek, and Nelson, assignors.)
- Northern Wisconsin Manufacturing Co. (See Juliot, Joseph, assignor.)
- Northey, Elmore H., and L. H. Dheln, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y., Sulphuriline process. 2,322,196; Jan. 15.
- Northrop Aircraft, Inc. (See Northrop, J. K., and Pavlecka, assignors.)
- Northrop Aircraft, Inc. (See Pavlecka, Vladimir H., assignor.)
- Northrop, John K., Los Angeles, and V. H. Pavlecka, Pacific Palisades, assignors to Northrop Aircraft, Inc., Hawthorne, Calif., Monocoque structure. 2,307,708; Jan. 5.
- Northrup, Homer W. (See Ziegler, N. A., and Northrup.)
- Northrup, Homer M., and J. W. Grelg, Grosse Pointe Park, assignors to Hudson Motor Car Company, Detroit, Mich., Hood locking mechanism. 2,312,578; Mar. 2.
- Northwest Toro Co., et al. (See Bentley, O. W., and Cover, assignors.)
- Northwestern Steel and Wire Company. (See Bradley, Albert F., assignor.)
- Northwestern Steel and Wire Company. (See Stewart, William R., assignor.)
- Northwestern Terra Cotta Corporation. (See Bonnell, Ralph A., assignor.)
- Northwood Chemical Company. (See Katzen, R., Plow, and Olson, assignors.)
- Northwood Chemical Company. (See Olson, E. T., Katzen, and Plow, assignors.)
- Norton, Calhoun, assignor to Arens Controls, Inc., Chicago, Ill., Control mechanism. 2,330,443; Sept. 28.
- Norton, Charles L. (See Harter, I., Norton and Norton, assignors.)
- Norton Company. (See Alvord, Charles C., assignor.)
- Norton Company. (See Barnes, Carl E., assignor.)
- Norton Company. (See Coes, Loring, Jr., assignor.)
- Norton Company. (See Cole, R. A., and Johnson, assignors.)
- Norton Company. (See Crompton, George, Jr., assignor.)
- Norton Company. (See Dayton, Russell W., assignor.)
- Norton Company. (See Flygare, C. G., and Green, assignors.)
- Norton Company. (See Flygare, C. G., and MacKenzie, assignors.)
- Norton Company. (See Flygare, C. G., and Mader, assignors.)
- Norton Company. (See Flygare, C. G., and Silven, assignors.)
- Norton Company. (See Ingde, Herbert S., assignor.)
- Norton Company. (See Kasperson, Lennart A., assignor.)
- Norton Company. (See Kistler, Samuel S., assignor.)
- Norton Company. (See Lombard, R. H., and Milligan, assignors.)
- Norton Company. (See Milligan, L. H., and Lombard, assignors.)
- Norton Company. (See Muskovin, G. T., and Garside, assignors.)
- Norton Company. (See Ridgway, Raymond R., assignor.)
- Norton Company. (See Ryan, Francis M., assignor.)
- Norton Company. (See Silven, Herbert A., assignor.)
- Norton Company. (See Van der Pyl, Edward, assignor.)
- Norton, Edward L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., Differentiating amplifier. 2,324,797; July 20.
- Norton, Francis J., Schenectady, N. Y., assignor to General Electric Company. Gas analyzer. 2,307,800; Jan. 12.
- Norton, Francis J., Schenectady, N. Y., assignor to General Electric Company. Gas analyzer. 2,332,337; Oct. 19.
- Norton, Frank D. (See Stuart, J. F. W., and Norton.)
- Norton, Frank H., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., Electric circuits. 2,315,073; Mar. 30.
- Norton Lasier Company. (See Lakemacher, Elmer E., assignor.)
- Norton, Orlo C., Erie, Pa., assignor of twenty-five per cent to Norman I. Book, Kenmore, N. Y., Internal combustion engine and starting means therefor. 2,335,688; Nov. 16.
- Norton, Raymond P., Algona, Iowa, Device for reseating valve gates. 2,332,394; Oct. 19.
- Norton, Roland A., Norfolk, Va., Ground working device. 2,319,255; May 18.
- Novak, Victor B., Vancouver, Wash., Ratchet chuck. 2,333,549; Nov. 2.
- Novak, William J., Brooklyn, N. Y., Soap holder and brush. 2,333,436; Nov. 2.
- Novotny, Emil E., Oak Lane, and G. K. Vogelsang, Frankford, assignors to Durite Plastics, Incorporated, Philadelphia, Pa., Art of preparing derivatives of anacardic material. 2,335,603; Nov. 30.
- Novak, Alfred, Berlin, Germany; vested in the Allen Property Custodian, High frequency variable inductance. 2,332,808; Oct. 26.
- Norwick Pharmaceutical Company. (See Stillman, W. B., Scott, and Champit, assignors.)
- Norwood Company, The. (See Gelb, Charles A., assignor.)
- Norwood, Donald W., Pasadena, Calif., Method and apparatus for determining illumination contrast. 2,337,122; Dec. 21.
- Norwood, Holley J., Oakland, Calif., Upholstering construction. 2,325,269; July 27.
- No-Sag Spring Company. (See Hopkes, Henry, assignor.)
- Noske, Rudolf, San Carlos, Calif., Prismatic system. 2,309,268; Jan. 26.
- Nostrup, Inc. (See Johnson, J. M., and Brown, assignors.)
- Notar, Joseph C., assignor to Rapids Equipment Company, Inc., Cedar Rapids, Iowa, Trailer hitch. 2,320,016; May 25.
- Nothum, Joseph, Elizabeth, N. J., and F. J. Licata, New York, N. Y., assignors to National Oil Products Company, Harrison, N. J., Metallic soap composition. 2,307,852; Jan. 12.
- Nougarou, Jacques, Paris, France, vested in the Allen Property Custodian, Mechanism for the automatic control of speed change transmissions of motor vehicles. 2,313,003; Mar. 2.
- Nourse, Ira C., Tulsa, Okla., Producing tetraethyl lead. 2,310,806; Feb. 9.
- Novad, Eugene Corporation. (See Peet, Gerald D., assignor.)
- Novak, Louis V., Sioux City, Iowa, Beef carcass prop. 2,324,717; July 20.
- Novak, Izador J., Trumbull, assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn., Making friction material. 2,311,244; Feb. 16.
- Novak, Izador J., Trumbull, assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn., Varnish oil. 2,318,009; May 4.
- Novatka, Joseph A., Cutchogue, N. Y., Bag holder. 2,328,739; Sept. 7.
- Novi Equipment Company. (See Adler, Herman G., assignor.)
- Novi Equipment Company. (See Welch, Lewis W., assignor.)
- Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y., Sheet feeding apparatus. 2,315,646; Apr. 6.
- Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y., Clasp fastener. 2,325,702; Aug. 2.
- Novotny, Charles K., and G. P. Bosomworth, assignors to The Firestone Tire & Rubber Company, Akron, Ohio, Continuous manufacture of rubber sheeting. 2,308,951; Jan. 19.

- Novy, Loretta, assignor to Well-Kalter Manufacturing Company, St. Louis, Mo. Garment. 2,327,661; Aug. 24.
- Novy, Loretta, assignor to Well-Kalter Manufacturing Company, St. Louis, Mo. Garment. 2,327,662; Aug. 24.
- Nowack, Carl F., and C. M. Lee, assignors to Eastman Kodak Company, Rochester, N. Y. Lens mount. 2,319,083; May 11.
- Nowak, John B., E. A. Preston, and J. W. Sargent, assignors to D. J. Murray Manufacturing Co., Wausau, Wis. Union. 2,329,935; Sept. 21.
- Nowak, Leon J., Jr., Chicago, Ill. Material handling and weighing machine. 2,310,988; Feb. 16.
- Nowak, Leon J., Jr., Chicago, Ill. Material handling and weighing machine. 2,327,367; Aug. 24.
- Nowka, Hans W., Rockaway Park, N. Y., assignor of one-half to O. I. Judeishon, Park Ridge, N. J. Mechanical movement. 2,322,539; June 22.
- Nowell, Keith P., Hinsdale, and A. F. Rus, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Electrical condenser manufacture. 2,337,678; Dec. 28.
- Nowosielski, Edward B., Bloomfield, assignor to Edison-Spliford Corporation, West Orange, N. J. Magneto construction. 2,315,902; Apr. 6.
- Nowosielski, Edward B., Bloomfield, assignor to Edison-Spliford Corporation, West Orange, N. J. Ignition generator. 2,321,505; June 8.
- Nowosielski, Edward B., Bloomfield, assignor to Edison-Spliford Corporation, West Orange, N. J. Magneto construction. 2,321,506; June 8.
- Nowosielski, Edward B., Bloomfield, assignor to Edison-Spliford Corporation, West Orange, N. J. Electric current distributor. 2,331,793; Oct. 12.
- Noxon, Paul A., Tenafly, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Magnetic repeater or compass. 2,308,566; Jan. 19.
- Noxon, Paul A., Tenafly, assignor to Bendix Aviation Corporation, Bendix, N. J. Compensating means for magnetic compasses. 2,309,261; Jan. 26.
- Noxon, Paul A., Tenafly, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Telegraph orienting device. 2,315,009; Mar. 30.
- Noxon, Paul A., Tenafly, assignor to Bendix Aviation Corporation, Bendix, N. J. Compass compensating means. 2,324,718; July 20.
- Noyes, Harry A., Newton, Mass. Conditioning foods. 2,317,397; Apr. 27.
- Nozicka, Franz, Vienna, Germany; vested in the Alien Property Custodian. Urea-formaldehyde molding composition. 2,335,440; Nov. 30.
- Nubling, Otto, Berlin-Frohnau, and E. Wirthgen, Berlin-Reinickendorf, Germany; vested in the Alien Property Custodian. Gearing for aircraft. 2,336,631; Dec. 14.
- Nichtelstein, Karl, Dresden, Germany; vested in the Alien Property Custodian. Light meter for cameras. 2,330,613; Sept. 28.
- Nuckolls Packing Company. (See Felton, Willard B., assignor.)
- Nugent, Frederick V., Abington, assignor to B. B. Chemical Co., Boston, Mass. Shoe tread member. 2,323,562; July 6.
- Nugent, Frederick V., Abington, assignor to B. B. Chemical Co., Boston, Mass. Tread member for shoes. 2,323,563; July 6.
- Null, Jesse, Arcadia, Calif. Watering apparatus. 2,330,120; Dec. 7.
- Numero, Joseph A., and F. M. Jones, Minneapolis, Minn., assignors to U. S. Thermo Control Company. Automatically starting and stopping gas engines. 2,337,164; Dec. 21.
- Nummellin, Arthur A., Inglewood, Calif. Speed drill. 2,317,106; Apr. 20.
- Nummer, Lee R. (See Giles, E. J., and Nummer.)
- Nungesser, Robert E., Washington, D. C. Fish lure. 2,313,572; Mar. 9.
- Nunnally, Benjamin L., Scarsdale, N. Y., assignor to Jas. H. Matthews & Company, Pittsburgh, Pa. Combining printing, roll and core support. 2,315,729; Apr. 6.
- Nunnally, Robert B., Harlingen, Tex. Safety razor. 2,320,154; May 25.
- Nunnemacher, Henry J. (See Nelson, Karl O., assignor.)
- Nurk, John, New York, N. Y. Shoe construction. 2,311,959; Feb. 23.
- Nurk, Joseph S., and L. G. Lankford, St. Albans, W. Va. Drill. 2,325,973; Aug. 3.
- Nussbaum, Ferdinand, Stuttgart-Kornalt, Germany; vested in the Alien Property Custodian. Seat back. 2,313,020; Mar. 2.
- Nusslein, Josef, and C. E. Muller, Frankfurt-on-the-Main, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Dyeing mixed fibrous material. 2,325,972; Aug. 3.
- Nusslein, Joseph. (See Bestian, H., Nusslein, and Monheim.)
- Nusslein, Joseph and K. Pauser, Frankfurt-on-the-Main, Germany; vested in the Alien Property Custodian. Cleansing process and product. 2,335,194; Nov. 23.
- Nute, Alden D. (See Light, D. W., Bradley, and Nute.)
- Nute, Edwin L., Wakefield, and E. A. Willey, assignors to Converse Rubber Company, Malden, Mass. Receptacle for inflammable fluids. 2,323,703; Aug. 3.
- Nutone Chimes Inc. (See Mason, Fred, assignor.)
- Nutt, Harold, assignor to Borg-Warner Corporation, Chicago, Ill. Torsional vibration dampener. 2,314,948; Mar. 30.
- Nutt, Harold, assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,318,620; May 11.
- Nutt, Harold, Chicago, and R. L. Smirl, Bellwood, assignors to Borg-Warner Corporation, Chicago, Ill. Spring. 2,325,193; July 27.
- Nutt, Harold, and H. V. Reed, assignors to Borg-Warner Corporation, Chicago, Ill. Clutch system. 2,328,090; Aug. 31.
- Nutt, Harold, Chicago, and R. L. Smirl, Bellwood, assignors to Borg-Warner Corporation, Chicago, Ill. Fluid operated clutch. 2,328,091; Aug. 31.
- Nutt, Harold, Chicago, and R. L. Smirl, Bellwood, assignors to Borg-Warner Corporation, Chicago, Ill. Fluid operated clutch. 2,328,092; Aug. 31.
- Nutt, Harold, Chicago, and R. L. Smirl, Bellwood, assignors to Borg-Warner Corporation, Chicago, Ill. Automatic transmission. 2,332,593; Oct. 26.
- Nutt, Kenneth A., Delaware, Ohio. Portable heel press and drier. 2,317,477; Apr. 27.
- Nutter, Frank E., and E. I. Spence, assignors to Goodall Worsted Company, Sanford, Maine. Spinning frame for worsted novelty yarn. 2,332,593; Oct. 19.
- Nutting, Arthur. (See Dahman, V., and Nutting.)
- Nutting, Gerry B. (See Gwaltney, E. C., and Nutting.)
- Nutting, Howard S. (See Britton, E. C., Nutting, and Horsley.)
- Nutting, Howard S. (See Britton, E. C., Nutting, Huscher, and Sexton.)
- Nuxoll, Fred G. (See Maus, F. J., and Nuxoll.)
- Nyberg, Ernst V., Stockholm, Sweden, assignor, by mesne assignments, to Ekonomiregister Inc., New York, N. Y. Consecutive numbering mechanism for calculating machines. 2,314,156; Mar. 16.
- Nyberg, Ernst V., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Arrangement for stamping machines. 2,323,673; July 6.
- Nyboer, Stuart, Webster, N. Y. Gas discharging sewer trap. 2,311,858; Feb. 23.
- Nyboer, Stuart, Webster, N. Y. Waste vault. 2,317,093; Apr. 27.
- Nydegger, Roland. (See Johnson, C. R., Nydegger, and Wyeth.)
- Nydegger, Roland R. (See English, M. H., and Nydegger.)
- Nyden, Robert, Manhasset, N. Y. Sheet metal container. 2,307,290; Jan. 5.
- Nyden, Robert, Manhasset, assignor to F. N. Burt Company, Inc., Buffalo, N. Y. Container. 2,315,647; Apr. 6.
- Nyden, Robert, Manhasset, assignor to F. N. Burt Company, Inc., Buffalo, N. Y. Container. 2,315,648; Apr. 6.
- Nyden, Robert, Manhasset, assignor to American Can Company, New York, N. Y. Container. 2,332,524; Oct. 26.
- Nyden, Robert, Manhasset, N. Y., assignor to American Can Company, New York, N. Y. Container. 2,333,117; Nov. 2.
- Nyden, Robert, Manhasset, assignor to F. N. Burt Company, Inc., Buffalo, N. Y. Lipstick holder. 2,333,812; Nov. 9.
- Nyden, Robert, Manhasset, assignor to F. N. Burt Company, Inc., Buffalo, N. Y. Lipstick holder. 2,333,813; Nov. 9.
- Nyden, Robert, Manhasset, assignor to F. N. Burt Company, Inc., Buffalo, N. Y. Sifter closure. 2,336,882; Dec. 14.
- Nye, Norman H., assignor to The Vaughn Machinery Company, Cuyahoga Falls, Ohio. Wire drawing apparatus. 2,321,612; June 15.
- Nye, Selden S. (See Mallory, Vernon L., assignor.)
- Nygaard, Edwin M. (See Crandall, G. S., George, and Nygaard.)
- Nygaard, Edwin M. (See Fuller, E. W., and Nygaard.)
- Nygaard, Edwin M. (See George, R. S., Crandall, and Nygaard.)
- Nygaard, Edwin M. (See McCracken, J. H., and Nygaard.)
- Nygaard, Edwin M. (See Seger, F. M., and Nygaard.)
- Nygaard, Edwin M., and O. M. Reiff, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method of desulphurizing oils. 2,320,047; May 25.
- Nygaard, Edwin M., and J. H. McCracken, Woodbury, and F. M. Segar, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Diesel fuel. 2,326,102; Aug. 3.
- Nygaard, Edwin M., Woodbury and F. M. Segar, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Diesel fuel. 2,333,029; Oct. 26.
- Nyghagen, Barney R., Bronx, N. Y. Manually operated dry shaver. 2,314,731; Mar. 23.
- Nyghagen, Barney R., New York, N. Y. Hair cutting implement. 2,321,932; June 15.
- Nyghagen, Barney R., Bronx, N. Y. Manually operated dry shaver. 2,327,284; Aug. 17.
- Nyquist, Harry, Milburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Method of and apparatus for locating transmission faults. 2,315,450; Mar. 30.

- Nystrom, Axel C., Rutherford, and L. G. Wade, Westfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,319,618; Apr. 13.
- Nystrom, Axel C., Rutherford, and L. O. Reichert, Cranford, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,332,005; Oct. 19.
- Nystrom, Karl F., Milwaukee, Wis. Railway car structure. 2,309,606; Jan. 24.
- Nystrom, Karl F., Milwaukee, Wis. Railway car structure. 2,311,188; Feb. 16.
- Nystrom, Karl F., Milwaukee, Wis. Floor protection for railway cars. 2,313,167; Mar. 9.
- Nystrom, Karl F., Milwaukee, Wis. Railway car structure. 2,319,471; May 18.
- Nystrom, Karl F., and J. A. Deppe, Milwaukee, Wis. Railroad flatcar. 2,312,119; Feb. 23.
- Nystrom, Karl F., and V. L. Green, Milwaukee, Wis. Railway car truck. 2,321,845; June 15.
- Nystrom, Karl F., and V. L. Green, Milwaukee, Wis. Truck for railroad cars. 2,323,348; July 6.
- Nystrom, Karl F., and V. L. Green, Milwaukee, Wis. Railroad car truck. 2,334,022; Nov. 9.
- Nystrom, Karl F., Milwaukee, Wis., E. S. Beckette, East St. Louis, Ill., and V. L. Green, Milwaukee, Wis., said Beckette assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,317,398; Apr. 27.
- Nystrom, Karl F., Milwaukee, Wis., E. S. Beckette, East Louis, Ill., and V. L. Green, Milwaukee, Wis., said Beckette assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,317,399; Apr. 27.
- Nystrom, Karl F., Milwaukee, Wis., E. S. Beckette, East St. Louis, Ill., and V. L. Green, Milwaukee, Wis., assignors to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,319,625; May 18.
- O. K. Tool Company, The. (See Reaney, Ernest, assignor.)
- Oak Manufacturing Company. (See Mastney, Edward J., assignor.)
- Oakes, Byron J. (See Carlton, R. P., and Oakes.)
- Oakley, Eugene H., Richmond, and Lloyd F. Brooke, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Reaction of hydrocarbons. 2,327,926; Aug. 24.
- Oakley, Eugene H., El Cerrito, and L. P. Elliott, Berkeley, Calif., assignors to Standard Oil Company of California, San Francisco, Calif. Reaction of hydrocarbons. 2,337,265; Dec. 21.
- Oakley, Henry B. (See Thomas, R. and Oakley.)
- Oakley, Laurence M., assignor to Essex Rubber Company, Trenton, N. J. Rubber doorstop. 2,311,595; Feb. 16.
- Obeaux, John T., Inglewood, Calif. Fluid actuated valve. 2,308,099; Jan. 12.
- O'Brien, Donald E., Waukesha, Wis. Bee observation unit. 2,326,250; Aug. 10.
- Oberdick, Ervin O., Cleveland, Ohio, assignor to Cleveland Engineering, Inc. Ore concentrator. 2,325,340; July 27.
- Oberdorfer, Henry D. (See Kersh, J. R. and Oberdorfer.)
- Oberdorfer, Henry D., and C. F. Van Buskirk, assignors to New Castle Products, Inc., New Castle, Ind. Foldable closure. 2,321,507; June 8.
- Oberfell, Charles R. (See Whittemore, J. W., and Oberfell.)
- Oberfell, George G., and F. E. Frey, Bartlesville, Okla., assignors to Phillips Petroleum Company. Treating monohalides. 2,315,871; Apr. 6.
- Oberg, Elmer B., and A. W. Kleinsmith, Decatur, assignors to Central Soya Company, Inc., Fort Wayne, Ind. Recovering sterolic material. 2,330,140; Sept. 21.
- Obergfell, Herbert F., River Forest, and H. Sengbusch, Villa Park, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Impulse transmitting device. 2,326,388; Aug. 10.
- Oberhoffen, Alexander, Birmingham, Mich., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Scalping billets. 2,312,355; Mar. 2.
- Oberländer, Ewald. (See Hannemann, H., and Oberländer.)
- Oberlink, Royd S., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Mower. 2,328,838; Sept. 7.
- Oberly, Chester C., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Liquid dispenser. 2,322,966; June 29.
- Obermaier, John A., Chicago, Ill. Temperature responsive device. 2,321,846; June 15.
- Oberrieth, Edward A. (See Reiff, O. M., Otto, Giammaria and Oberrieth.)
- Oberstad, Irving, assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,333,331; Nov. 2.
- Obiglio, Carlos, Buenos Aires, Argentina. Manufacture of tubular bodies. 2,315,217; Mar. 30.
- Obiad, Alex G. (See Marschner, R. F., Heard, and Obiad.)
- Obiad, Alex G. (See Weitkamp, A. W., and Obiad.)
- Obiad, Alex G., Chicago, Ill., and L. Heard, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Catalytic hydrocarbon conversion. 2,308,774; Jan. 19.
- O'Boyle, Charles M., Wilmington, Del. Protector. Re. 2,325; May 25.
- O'Brien, Donald. (See Oslan, George, assignor.)
- O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Self-heating food container. 2,327,447; Aug. 24.
- O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Sheet metal tamper-proof container. 2,338,051; Dec. 26.
- O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Crown cap for containers. 2,338,052; Dec. 28.
- O'Brien, Frederic L., Rutherford, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Stylus conditioning apparatus. 2,315,348; Mar. 30.
- O'Brien, James D., Brooklyn, N. Y. Supplemental traction device for vehicle wheel tires. 2,330,839; Oct. 5.
- O'Brien, James H. (See Griswold, W. R., and O'Brien.)
- O'Brien, James H., Peoria, Ill. Paper box structure. 2,308,384; Jan. 12.
- O'Brien, James J., and J. Strad, Chicago, Ill. Cleaning machine. 2,310,541; Feb. 9.
- O'Brien, Jeremiah W., assignor to United Engineering and Foundry Company, Pittsburgh, Pa. Belt wrapper. 2,309,781; Feb. 2.
- O'Brien, James H., East Paterson, N. J. Grinding tool. 2,323,725; July 6.
- O'Brien, Joseph. (See Morten, Louis G., and O'Brien.)
- O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Electrical wiring system. 2,312,580; Mar. 2.
- O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Multiple conductor electric wiring unit. 2,313,452; Mar. 9.
- O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Electrical wiring system. 2,313,460; Mar. 16.
- O'Brien, Joseph F., Jersey City, N. J., assignor to John B. Pierce Foundation, New York, N. Y. Electrical wiring system. 2,317,664; Apr. 27.
- O'Brien, Joseph P., et al. (See Johnson, Olaf A., assignor.)
- O'Brien, Michael H. (See Wesselhoeft, Robert, assignor.)
- O'Brien, Robert J., Chicago, Ill. Bar spacer. 2,324,719; July 20.
- O'Brien, Vincent R., St. Paul, Minn. Bread and work board and sink construction. 2,314,157; Mar. 16.
- O'Brien, William L., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,318,621; May 11.
- O'Brien, William J., assignor to E. F. Andrews, Chicago, Ill. Remote indicator and control device. 2,321,699; June 15.
- O'Bryan, Robert C., Little Rock, Ark. Basket handle. 2,332,744; Oct. 26.
- Obstfeld, Abraham. (See Obstfeld, Lou, assignor.)
- Obstfeld, Abraham. (See Obstfeld, L., and (Fancher, assignor).)
- Obstfeld, Lou, Brooklyn, assignor of one-half to Abraham Obstfeld, New York, N. Y. Staple for stapling machines. 2,321,847; June 15.
- Obstfeld, Lou, Brooklyn, N. Y., and J. H. Fancher, Chatham, N. J., said Fancher assignor to Abraham Obstfeld, New York, N. Y. Feed mechanism for stapling machines. 2,328,839; Sept. 7.
- Obszarny, Theodore. (See Baker, E. G., and Obszarny.)
- Obszarny, Theodore, assignor to Guardian Electric Manufacturing Co., Chicago, Ill. Relay operated stepper assembly. 2,323,840; July 6.
- O'Callaghan, Robert D., Des Moines, Iowa. Emergency drive release for wringers or the like. 2,322,384; June 22.
- Ocenasek, William F., assignor to Walker-Turner Co., Inc., Plainfield, N. J. Radial saw. 2,312,356; Mar. 2.
- Ochs, Ray, et al. (See Silver, Charles, assignor.)
- Ochsenheim, Walter, assignor to Hasler A.-G. Werke für Telephonie und Präzisionsmechanik, Bern, Switzerland. Snap coupling particularly for multiple magnetos. 2,330,078; Sept. 21.
- Ochsner, Jacob, Zurich, Switzerland. Refuse collecting vehicle. 2,330,614; Sept. 28.
- Ocker, William C., San Antonio, Tex., assignor to the Government of the United States as represented by the Secretary of War. Process useful in blind flight training. 2,322,770; June 29.
- Ocker, William C., Baltimore, Md., and C. J. Crane, Barksdale Field, Shreveport, La. Pre-flight reflex and gunnery trainer. 2,316,181; Apr. 13.
- Ocon, Cecilio L. and E. A. Yonkers, N. Y.; said C. L. Ocon assignor to E. A. Ocon. Manufacture of liquid hydrocarbon from gaseous and solid carbonaceous materials. 2,325,917; Aug. 3.
- Ocon, Ernest A. (See Ocon, Cecilio L. (assignor) and E. A.)
- O'Connell, Gerald A., and C. M. Larson, De Kalb, Ill. Piano-vibraphone. 2,315,812; Apr. 6.
- O'Connell, Maurice M., Buffalo, N. Y. Pipe handling equipment. 2,310,255; Feb. 9.
- O'Connell, Michael E. (See Diserens, P., Karig, and O'Connell.)
- O'Connell, Arthur F., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Convertible bulkhead for refrigerator cars. 2,324,720; July 20.

- O'Connor, Arthur F., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Convertible bulkhead for refrigerator cars. 2,324,721; July 20.
- O'Connor, Arthur F., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Convertible ice bunker for refrigerator cars. 2,328,529; Aug. 31.
- O'Connor, Arthur F., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Convertible bulkhead for refrigerator cars. 2,333,879; Nov. 9.
- O'Connor, Arthur F., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Convertible bulkhead for refrigerator cars. 2,333,949; Nov. 9.
- O'Connor, Bernard E. (See Potter, E. L., and O'Connor.)
- O'Connor, Frank M., Austin, Minn. Store fixture. 2,338,008; Dec. 28.
- O'Connor, James P., Dublin, Eire. Automatic means for controlling sliding members. 2,324,799; July 20.
- O'Connor, John E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Latching device. 2,312,991; Mar. 2.
- O'Connor, Joseph J., Toronto, Ontario, Canada. Kit bag handle and lock. 2,324,638; July 20.
- O'Connor, Thomas J., Charleston, W. Va. Flatiron rest. 2,332,745; Oct. 26.
- O'Connor, Vincent J., Revere, Mass., and W. C. Gardiner, Derry, N. H. Apparatus for use in preparing poultry for the market. 2,326,162; Aug. 10.
- O'Connor, William E. (See Peters, William A., assignor.)
- O'Daniel, Clarence, Richmond Heights, assignor to Century Electric Company, St. Louis, Mo. Breathing apparatus. 2,329,078; Sept. 7.
- Odatto, George B., Cleveland, and W. J. Wesseler, East Cleveland, Ohio E., assignors to themselves, as joint trustees. Mechanical movement. 2,325,013; July 20.
- O'Day, Cortland N. (See Greenlee, T. K., Bohn, and O'Day.)
- O'Dell, James H., Nickelsville, Va. Combined bed and dresser. 2,337,266; Dec. 21.
- O'Dell, John A., Baytown, Tex. Recovering acid from petroleum slugs. 2,330,077; Sept. 21.
- Odell, Leslie S., assignor to Building Products Limited, Montreal, Quebec, Canada. Metal surfacing material. 2,331,796; Oct. 12.
- Odenbach Holding Corporation. (See Odenbach, John H., assignor.)
- Odenbach, John H., assignor to Odenbach Holding Corporation, Rochester, N. Y. Ship construction. 2,328,028; Aug. 31.
- Odenthal, William, Los Angeles, Calif. Closure operating means. 2,330,005; Sept. 21.
- Odenthal, William, Los Angeles, Calif. Hydraulically operated garage door. 2,330,006; Sept. 21.
- Oderklirk, Fred E., Midland, Mich. Bottle carrier. 2,321,100; June 8.
- O'Donnell, Frank J. (See Marion, H., Perlestein, and O'Donnell.)
- Odor, Ralph K., Edmond, assignor to J. H. Everest, E. Neuby, M. W. McKenzie, W. H. Odor, R. K. Odor, H. B. Crawford, Oklahoma County, Okla., and K. Dodge, Philadelphia, Pa., Trustees. Machine for manufacturing fabricated metallic structures. 2,314,510; Mar. 23.
- Odor, Ralph K., Edmond, Okla., and K. Dodge, Philadelphia, Pa., assignors to J. H. Everest, E. Neuby, M. W. McKenzie, W. H. Odor, R. K. Odor, H. B. Crawford, Oklahoma County, Okla., and K. Dodge, Philadelphia, Pa., as trustees. Aerodynamic device. 2,330,907; Oct. 5.
- Odor, William H., et al. (See Odor, Ralph K., assignor.)
- Odor, William H., et al., trustee. (See Odor, R. K., and Dodge, assignors.)
- Odquist, Harold T., Yonkers, assignor to American Can Company, New York, N. Y. Welding side seams. 2,323,349; July 6.
- Odquist, Harold T., Yonkers, and B. Shmurak, assignors to American Can Company, New York, N. Y. Sorting machine. 2,312,357; Mar. 2.
- Oehler, Alvin W., assignor to Deere & Company, Moline, Ill. Hitch device. 2,311,859; Feb. 23.
- Oehler, Alvin W., assignor to Deere & Company, Moline, Ill. Comb. 2,322,600; Oct. 19.
- Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,310,989; Feb. 16.
- Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,324,267; July 13.
- Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Brake shoe mounting. 2,331,797; Oct. 12.
- Oelkers, Alfred H., New Braunfels, Tex., assignor to American Steel Foundries, Chicago, Ill. Car truck. 2,311,313; Feb. 16.
- Oelkers, Alfred H., New Braunfels, Tex., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,330,784; Sept. 28.
- Oellerich, Walter H., et al. (See Esty, Alfred H., assignor.)
- Oermann, Carl H., York, Pa. Seat structure. 2,325,270; July 27.
- Oesch, Clark R., Atwater, Ohio. Educational device. 2,317,107; Apr. 20.
- Oeschger, Luther A., assignor to Eastman Kodak Company, Rochester, N. Y. Pick off attachment for automatic screw machines. 2,331,719; Oct. 12.
- Oesterlin, Hubert. (See Fehrlie, A., Oesterlin, Hermann, and Hampe.)
- Oestreich, Melvin R., Wright, Minn. Ski foot pad. 2,330,731; Sept. 28.
- Oestrich, Elmer E., Detroit, Mich. Forming helmets. 2,324,420; July 13.
- Oestrike, Elmer E., Detroit, Mich. Forming helmets. 2,330,732; Sept. 28.
- Oettli, Jakob, and H. Hess, assignors to Actiengesellschaft Joh. Jacob Rieter & Cie., Winterthur, Switzerland. Veighing device. 2,315,813; Apr. 6.
- O'Farrell, Matthew, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Drill steel centralizer. 2,308,203; Jan. 12.
- Ofeldt, Frank W., McKeesport, assignor to Homestead Valve Manufacturing Company, Coraopolis, Pa. Pressure control apparatus. 2,307,330; Jan. 5.
- Ofensend, Chase F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tire tread. 2,327,057; Aug. 17.
- Offen, Francis J., Swindon, England. Pickup control mechanism for automatic phonographs. 2,309,352; Jan. 26.
- Ofutt, Harold H. (See Billings, E., and Ofutt.)
- Ofstie, Edwin H., assignor to Regents of the University of Minnesota, Minneapolis, Minn. Sprinkler head. 2,311,170; July 13.
- Ogario, Rodolfo, assignor to The Texas Company, New York, N. Y. Well drilling apparatus. 2,336,029; Dec. 7.
- Ogburn, Sihon C., Jr., Westfield, N. J., assignor to General Chemical Company, New York, N. Y. Fluorine removal from phosphate liquors. 2,312,047; Feb. 23.
- Ogden, Harold S., Erie, Pa., assignor to General Electric Company, Schenectady, N. Y. Working system. 2,323,413; July 6.
- Ogden, Harold S., Erie, Pa., assignor to General Electric Company. Protective system. 2,328,994; Sept. 7.
- Ogden, Harry S., and R. C. Alley, Erie, Pa., assignors to General Electric Company. Control system and device. 2,314,239; Mar. 16.
- Ogden, Jack, Huntington Woods, and H. B. Wilkins, assignors to General Electric Company, Detroit, Mich. Weld analyzer. 2,322,052; June 15.
- Ogden, Ralph E. (See Cooper, Frank P., assignor.)
- Ogden, Ralph E. (See Mushet, James C., assignor.)
- Oggenfuss, Herman W. (See Lewis, L. J., and Oggenfuss.)
- Ogilby, Stewart R., Staten Island, assignor to United States Rubber Company, New York, N. Y. Making sponge rubber. 2,309,005; Jan. 19.
- Ogilvie Flour Mills Company, Limited. (See McFarlane, W. D., and Parker, assignors.)
- Ogilvie, James, Buffalo, N. Y., assignor to Allied Chemical & Dye Corporation. Manufacture of aminoanthraquinone compounds. 2,321,767; June 15.
- Oglesby, Wendell, Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge lamp circuit. 2,313,961; Mar. 16.
- Oglesby, Nicholas E., assignor to Behr-Manning Corporation, Troy, N. Y. Coated abrasive. 2,307,232; Jan. 5.
- Oglesby, Nicholas E., assignor to Behr-Manning Corporation, Troy, N. Y. Coated abrasive. 2,322,156; June 15.
- Oglesby, Nicholas E., assignor to Behr-Manning Corporation, Troy, N. Y. Process and apparatus for grading and for coating with comminuted material. 2,328,577; Sept. 7.
- Oglesby, Nicholas E., assignor to Behr-Manning Corporation, Troy, N. Y. Coated abrasive. 2,333,035; Oct. 20.
- Oglesby, Nicholas E., C. F. Reilly, and V. W. Gilbert, assignors to Behr-Manning Corporation, Troy, N. Y. Coated abrasive. 2,333,034; Oct. 26.
- O'Gorman, Gaynor, Boston, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Welt-ing for boots and shoes. 2,329,290; Sept. 14.
- O'Gurek, Edmund C., Kearny, N. J. Garment hanger cover. 2,332,594; Oct. 26.
- O'Hagan, Bernard E., Swissvale, and A. T. Johnston, Mount Lebanon, assignors to The Union Switch & Signal Company, Swissvale, Pa. Compressor control system. 2,312,728; Mar. 2.
- O'Hare, George W., Bellflower, assignor to Vultee Aircraft Inc., Downey, Calif. Adjustable airplane seat structure. 2,312,473; Mar. 2.
- O'Hare, John J., Ridgefield, Conn., assignor to American Rubber Products Corporation, New York, N. Y. Tank ball. 2,319,256; May 18.
- Ohio Boxboard Company, The. (See Marshall, Ray W., assignor.)
- Ohio Boxboard Company, The. (See Morris, J. C., and Yarmann, assignors.)
- Ohio Brass Company, The. (See Bovard, Floyd G., assignor.)
- Ohio Brass Company, The. (See Brandt, Thomas F., assignor.)
- Ohio Brass Company, The. (See Chandler, Homer P., assignor.)
- Ohio Brass Company, The. (See Dunn, Thomas H., assignor.)
- Ohio Brass Company, The. (See Holtmeier, Louis S., assignor.)
- Ohio Brass Company, The. (See Larsson, Ernst A., assignor.)
- Ohio Brass Company, The. (See Lewis, Warren J., assignor.)

Ohio Brass Company, The. (See Matthes, Samuel S., assignor.)
 Ohio Brass Company, The. (See Shafer, Homer J., assignor.)
 Ohio Brass Company, The. (See Smith, Edward P., assignor.)
 Ohio Brass Company, The. (See Smoot, L. V., and Bach, J. H., assignors.)
 Ohio Brass Company, The. (See Taylor, John J., assignor.)
 Ohio Carbon Company, The. (See Stofel, Lester L., assignor.)
 Ohio Citizens Trust Company, The. (See Replogle, D. B., assignor.)
 Ohio Citizens Trust Company, The, trustee. (See Replogle, Daniel B., assignor.)
 Ohio Cincinnati Company, The. (See Deane, T. S., and Dunn, assignors.)
 Ohio Crankshaft Company, The. (See Dunn, W. C., and Deane, assignors.)
 Ohio Distributor Company, The. (See Russell, Stanley, assignor.)
 Ohio Injector Company, The. (See Allenbaugh, G. G., and Hixler, assignors.)
 Ohio Injector Company, The. (See Goff, William F., assignor.)
 Ohio Rubber Company, The. (See Saurer, C., and Tyler, assignors.)
 Ohio State University Research Foundation, The. (See Smith, K. J., and Bach, assignors.)
 Ohio Steel Foundry Company, The. (See Galvin, J. E., and Walcher, assignors.)
 Ohio Steel Foundry Company, The. (See Hites, Hubert V., assignor.)
 Ohio Thermometer Company, The. (See Wappner, R. C., and Osborne, assignors.)
 Oldham, Fred A., assignor to Standard Oil Company, Chicago, Ill. Coke removal. 2,335,604; Nov. 30.
 Olds, Julius J. (See Lenke, George H., assignor.)
 Olds, Julius J., Oak Park, Ill. Glass panel construction. 2,311,238; Mar. 16.
 Olds, Robert L., assignor to Reed Roller Bit Company, Houston, Tex. Valve. 2,314,732; Mar. 23.
 Oldham, Hans C., Dubuque, Iowa. Tire tool. 2,333,880; Nov. 9.
 Oldsson, Ernst. (See Isermann, S., and Oldsson.)
 Oldmann, Charles J., New York, N. Y. Display stand. 2,335,301; Nov. 30.
 Oil Devices. (See Proesse, James L., assignor.)
 Oil Devices. (See Breese, J. L., Hayter, and Perry, assignors.)
 Oil Devices. (See Hayter, Bruce, assignor.)
 Oil Devices. (See Kuntler, George A., assignor.)
 Oil Devices. (See Subins, Roland C., assignor.)
 Oil and Gas Research, Inc. (See Wilcox, William D., assignor.)
 Oil Equipment Engineering Corporation. (See Scarmucci, Domer, assignor.)
 Oiler, Frank E., Pelham, assignor to International Photo Recording Machines, Inc., New Rochelle, N. Y. Photo recording device. 2,312,472; Mar. 2.
 Oiler, Frank E., Pelham, assignor to International Photo Recording Machines, Inc., New Rochelle, N. Y. Photo recording device. 2,335,956; Dec. 7.
 Oilgear Company, The. (See Davis, Richard E., assignor.)
 Oilgear Company, The. (See Ferris, Walter, assignor.)
 Oilgear Company, The. (See Kay, Edgar W., assignor.)
 Oilgear Company, The. (See Wiedmann, Ernest, assignor.)
 Oil Well Manufacturing Corporation. (See White, Clarence, assignor.)
 Oil Well Supply Company. (See Maier, August R., assignor.)
 Oil Well Supply Company. (See Shimer, John M., assignor.)
 Oivukka, Einar A. (See Janhunen, M., Oivukka, and Vlenola.)
 Ojalvo, Edmond, New York, N. Y. Gas regulator pedal attachment. 2,322,585; June 22.
 Okamura, Tadao, Tokyo, and K. Sakai, Yokohama, Japan, assignors to General Electric Company. Dynamometer type electric machine. 2,311,684; Feb. 23.
 O'Keefe, Charles, Nogales, Ariz. Smelting antimony ore. 2,330,307; Sept. 28.
 O'Keefe, Edward J., Seattle, Wash. Instrument for establishing points for drawings. 2,327,058; Aug. 17.
 O'Kelley, Francis A., Toledo, Ohio. Multislut shutter laundry. 2,318,884; May 11.
 O'Kelly, Arlie A., Woodbury, N. J., and R. H. Work, Philadelphia, Pa., assignors to Secony-Vacuum Oil Company, Incorporated, New York, N. Y. Alkylation process. 2,315,129; Mar. 30.
 Okita, Tadao, Imazucho, Nishinomiyu, Japan; vested in the Allen Property Custodian. Manufacturing rubber-like material. 2,332,869; Oct. 26.
 Okolicsanyi, Ferenc, Kensington, London, England, assignor to Scophony Corporation of America, New York, N. Y. Television receiver. 2,313,286; Mar. 9.
 Okolicsanyi, Ferenc, and A. J. Gale, Kensington, England, assignors to Scophony Corporation of America, New York, N. Y. Television system and scanner therefor. 2,320,380; June 1.

Okoneski, Michael A., Holland, assignor of one-half to Siede Czerniak, Toledo, Ohio. Closure controlled light. 2,331,561; Oct. 12.
 Okonite-Callender Cable Company, The. (See Beede, Harry L., assignor.)
 Okonite-Callender Cable Company, The. (See Bennett, C. E., and Meyer, assignors.)
 Okonite-Callender Cable Company Inc. (See Briggs, John H., assignor.)
 Okonite Company, The. (See Bennett, Charles L., assignor.)
 Okonite Company, The. (See Brown, Grover W., assignor.)
 Okonite Company, The. (See Ryzowitz, John P., assignor.)
 Okonite Company, The. (See Youmans, E. D., and Lamela, assignors.)
 Olam, Nathaniel N., Bronx, assignor to Atlas Floor Surfacing Machinery Corporation, New York, N. Y. Floor polishing machine. 2,318,960; May 11.
 Olaver Rascq Company. (See Duval, Jean G. L., assignor.)
 Olner Patent Company. (See Lélin, Georges, assignor.)
 Olander, Leonard G., assignor to The Monomelt Company, Inc., Minneapolis, Minn. Plate finishing apparatus. 2,334,787; Nov. 23.
 Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Door fastener. 2,316,359; Apr. 13.
 Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Insulating means. 2,329,358; Sept. 14.
 Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Side bearing. 2,329,848; Sept. 21.
 Olasaga, Eduardo V., and J. S. T. Solis, Mexico City, Mexico. System of dental prosthesis. 2,311,992; Feb. 23.
 Olasy, Joseph, New York, N. Y. Air terminal take off device. 2,330,733; Sept. 28.
 Olasy, Joseph M., Jamaica, N. Y. Protecting device for ships and other structures subject to enemy attack. 2,337,165; Dec. 21.
 Oleott, Charles A., West Milford, N. J. Gear drive for centrifugal machines. 2,313,295; Mar. 16.
 Oleott, Charles A., West Milford, N. J. Centrifuge basket. 2,315,989; Apr. 6.
 Oleott, Charles A., West Milford, N. J. Protection of brakes employed in systems for the extraction of sugar from sugar bearing materials. 2,338,053; Dec. 28.
 Oleott, Harold S. (See Bass, L. W., and Oleott.)
 Oleott, Pittsburgh, Pa., assignor to Cutton Research Foundation. Treatment of cottonseed residue. 2,316,011; Apr. 6.
 Old Dominion Box Company. (See Becker, Walter A., assignor.)
 Oldham, Fred A. M., assignor of one-third to A. S. Cheston, one-third to E. C. Edmonds, and one-third to B. Cheston, Birmingham, England. Glazing windows. 2,311,977; Feb. 16.
 Oldham, Harold A., Des Moines, Iowa. Clip for writing boards. 2,312,436; Mar. 2.
 Oldham, Wilbur N., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing substituted guanamines. 2,309,663; Feb. 2.
 Oldham, Wilbur N., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing guanamines. 2,309,664; Feb. 2.
 Oldham, Wilbur N., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing formguanamines. 2,320,882; June 1.
 Olds, Ernest A., Curve, assignor of one-half to E. C. Cutlip, Henning, Tenn. Electric torch or flashlight. 2,312,070; Mar. 2.
 Olds, Rance H., Cleveland, Ohio. Adjustable measuring cup. 2,328,995; Sept. 7.
 O'Leary, Charles M., Houston, Tex. Rod catcher. 2,320,646; June 1.
 O'Leary, Charles M., Houston, Tex. Liner hanger. 2,328,840; Sept. 7.
 O'Leary, Charles M., Houston, Tex. Timed intermitter. 2,322,841; Sept. 7.
 O'Leary, Charles M., Houston, Tex. Hydraulic bore cleaner and cement shoe. 2,334,788; Nov. 23.
 O'Leary, Charles M., Jr., Los Angeles, Calif. Pumping gear unit. 2,325,874; Aug. 3.
 O'Leary, Lawrence A., San Mateo, assignor to W. P. Fuller & Co., San Francisco, Calif. Seam sealing machine. 2,320,966; Aug. 17.
 Oleksiw, Jerome J., Shamokin, Pa., assignor to American Car and Foundry Company, New York, N. Y. Door operating and locking mechanism. 2,332,396; Oct. 19.
 Oleson, Jerome J., Pearl River, assignor to Lederle Laboratories, Inc., New York, N. Y. Animal growth promoting substance. 2,328,355; Aug. 31.
 Olin, John F., Grosse Ile, Mich., assignor to Sharples Chemicals Inc. Resinous condensation product and manufacture thereof. 2,331,926; Oct. 19.
 Olin, John F., and T. E. Deger, Grosse Ile, Mich., assignors to Sharples Chemicals Inc. Manufacture of organic polysulphides. 2,325,194; July 27.
 Olin, John F., Grosse Ile, and J. L. Tetley, Lincoln Park, Mich., assignors to Sharples Chemicals Inc., Philadelphia, Pa. Preparing phenolic compounds. 2,337,123; Dec. 21.
 O'Link, M. H., et al. (See Hilger, William P., assignor.)
 Oliphant, Belle D., Glendale, Calif. Plate hanger. 2,315,268; Mar. 30.

- Olive, Charles E., Drummerville, Quebec, Canada, assignor to Celanese Corporation of America. Speed control for squeeze rolls. 2,327,448; Aug. 24.
- Oliver, Anthony F., and R. C. Palmer, assignors to Newport Industries, Inc., Pensacola, Fla. Treating tall oil and product obtained thereby. 2,317,797; Apr. 27.
- Oliver, Anthony F., and R. C. Palmer, assignors to Newport Industries, Inc., Pensacola, Fla. Treating tall oil. 2,330,792; Sept. 28.
- Oliver, Bernard M., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric circuit. 2,322,875; June 29.
- Oliver, Boyce J., Jacksonville, Fla. Adjustable thumb-screw or other fastener. 2,335,957; Dec. 7.
- Oliver, Edwin L., Piedmont, assignor to Oliver United Filters Incorporated, Oakland, Calif. Filter. 2,322,586; June 22.
- Oliver Farm Equipment Company. (See Altgelt, Herman E., assignor.)
- Oliver Farm Equipment Company. (See Gembering, C. H., and Altgelt, assignors.)
- Oliver, H. C., et al., trustees. (See Morgan, Thomas H., assignor.)
- Oliver, Harvey G., administrator. (See Jarboe, Elmer L.)
- Oliver, Henry M. (See Cantin, Clyde C., assignor.)
- Oliver, John R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Gauging means for taping machines. 2,316,884; Apr. 20.
- Oliver, John R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe-bottom coating machine. 2,325,148; July 27.
- Oliver, Leslie W., Amersham, England, assignor to Technicolor Motion Picture Corporation, Los Angeles, Calif. Illumination of photographic screens. 2,323,754; July 6.
- Oliver Machinery Company. (See Caldwell, Harry F., assignor.)
- Oliver Machinery Company. (See Tuthill, Howard B., assignor.)
- Oliver Machinery Company. (See Tuthill, H. B., and Caldwell, assignors.)
- Oliver, Thomas C., Jackson Heights, N. Y., R. D. Long, and L. H. Crosson, Charlotte, N. C., assignors to Charlotte Chemical Laboratories, Inc. Producing alkaline sulphates from ferrous sulphate. 2,333,672; Nov. 9.
- Oliver, Thomas J., Birmingham, Ala. Loom gauge. 2,318,256; May 4.
- Oliver United Filters Incorporated. (See Herbert, Elmer H., assignor.)
- Oliver United Filters Incorporated. (See Oliver, Edwin L., assignor.)
- Oliver United Filters Incorporated. (See Oliver, W. H., and Orswell, assignors.)
- Oliver United Filters Incorporated. (See Re Qua, Frederick L., assignor.)
- Oliver, Wallace F., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Cleaning machine. 2,317,213; Apr. 20.
- Oliver, William H., Oakland, and M. C. Orswell, Tujunga, assignors to Oliver United Filters Incorporated, Oakland, Calif. Filter. 2,317,108; Apr. 20.
- Olley, Maurice, Detroit, Mich., and G. B. Gibson, Luton, England, assignors to General Motors Corporation, Detroit, Mich. Suspension system. 2,319,430; May 18.
- Olley, Raymond H., and R. F. Lester, assignors to Crouse-Hinds Company, Syracuse, N. Y. Explosion-proof switch housing. 2,321,508; June 8.
- Olm, George. (See Cattaron, J., and Olm.)
- Olm, Pete M., Los Angeles, Calif., assignor of one-half to J. L. Lesser. Automobile service tray. 2,314,550; Mar. 23.
- Olmstead, Edwin H., Tulsa, Okla., assignor to Well Surveys, Incorporated, Tulsa, Okla. Well logging winch truck. 2,309,004; Jan. 19.
- Olmstead, Floyd. (See Wilson, L., and Olmstead.)
- Olney & Carpenter, Inc. (See Hammond, Joseph W., assignor.)
- Olofson, Karl R., Laurelton, Long Island, assignor to Western Electric Company, Incorporated, New York, N. Y. Safety device. 2,319,084; May 11.
- O'Loughlin, John F. (See Backoff, W. J., Williams, O'Loughlin, Molr, and Yule.)
- O'Loughlin, Walter K. (See Stengel, L. A., and O'Loughlin.)
- Olpin, Henry C. (See House, K. R., and Olpin.)
- Olpin, Henry C. (See Taylor, W. I., Olpin, and House.)
- Olpin, Henry C., C. S. Argyle, and F. Brown, Spondon near Derby, England, assignors to Celanese Corporation of America. Manufacture of anthraquinone derivatives. 2,309,708; Feb. 2.
- Olpin, Henry C., and W. C. McKnight, Spondon, near Derby, England, assignors to Celanese Corporation of America. Discharge printing organic derivatives of cellulose. 2,316,277; Apr. 13.
- Olpin, Henry C., and E. Stanley, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture and use of azo dyestuffs. 2,330,908; Oct. 5.
- Olser, Rudolph A., Chicago, Ill. Combined screen and ventilator. 2,309,354; Jan. 26.
- Olschewski, Leo, New Haven, Conn. Motor driven razor. 2,333,437; Nov. 2.
- Olsen, Aksel G., Summit, and T. M. Rector, Morristown, N. J., assignors to General Foods Corporation, New York, N. Y. Therapeutic pectous product. 2,333,950; Nov. 9.
- Olsen, Aksel G., Summit, and E. R. Fehlberg, Rutherford, N. J., assignors to General Foods Corporation, New York, N. Y. Pectin jelly composition. 2,334,281; Nov. 16.
- Olsen, Anders C., Forest Hills, N. Y. Building structure. 2,335,302; Nov. 30.
- Olsen, Anders C., Forest Hills, N. Y. Building structure. 2,335,303; Nov. 30.
- Olsen, Anders C., Stamford, Conn. Building structure. 2,307,898; Jan. 12.
- Olsen, Anders C., Stamford, Conn. Building structure. 2,307,899; Jan. 12.
- Olsen, Anders C., Gwynedd, Pa. Building construction. 2,313,839; Mar. 16.
- Olsen, Anders C., Gwynedd, Pa. Building construction. 2,317,634; Apr. 27.
- Olsen, Anders C., Gwynedd, Pa. Building construction. 2,317,635; Apr. 27.
- Olsen, Anders C., Binghamton, N. Y. Building construction. 2,318,092; May 4.
- Olsen, Anders C., Forest Hills, N. Y. Means for securing lath to channel furring. 2,322,567; June 22.
- Olsen, Arnt O., Seattle, Wash. Piston ring. 2,315,218; Mar. 30.
- Olsen, Arnt O., Seattle, Wash. Coiled spring piston ring. 2,315,219; Mar. 30.
- Olsen, Carl E. (See Peterson, J. A., and Olsen.)
- Olsen, Charles A., Sioux Falls, S. Dak. Garden implement. 2,315,074; Mar. 30.
- Olsen, Fredrich, assignor to The Cellulose Research Corporation, East Alton, Ill. Preparing wood pulp. 2,314,658; Mar. 23.
- Olsen, Fredrich, S. Feldman and L. M. Sheldon, assignors to The Cellulose Research Corporation, East Alton, Ill. Preparing wood pulp. 2,324,230; July 13.
- Olsen, Harold W. (See Mawicke, C. A., and Olsen.)
- Olsen, John F. (See Rees, S. E., Radack, Olsen, and Elliott.)
- Olsen, Lawrence N. (See McNeill, A. G., and Olsen.)
- Olsen, Louis E., Cleveland, Ohio. Nut assembly. 2,313,763; Mar. 16.
- Olsen, Olaf C. (See Hagstrom, J. E., and Olsen.)
- Olsen, Olaf C., assignor to C. E. Hovey, trustee, Kansas City, Mo. Refrigerating apparatus for vending machines. 2,309,006; Jan. 19.
- Olsen, Olaf C., assignor to C. Earl Hovey, Kansas City, Mo., trustee. Vending machine for bottled goods. 2,333,118; Nov. 2.
- Olsen, Oswald A., Stratford, Conn. Variable speed pulley drive. 2,311,993; Feb. 23.
- Olsen, Reuben, Chinook, Wash. Staging board. 2,334,836; Nov. 23.
- Olsen, Robert C., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Current distributing electrolytic processes. 2,319,624; May 18.
- Olsen, Ronald W., Bloomfield, N. J., assignor to General Electric Company. Fluid flow control. 2,320,194; May 25.
- Olsen, Samuel, Chicago, Ill. Selective delivery mechanism for conveyers. 2,315,075; Mar. 30.
- Olshevsky, Dmitry E., Stratford, Conn. Directional gyroscope indicator. 2,335,876; Dec. 7.
- Olskin, Samuel J., Yonkers, N. Y. Ventilator structure. 2,334,121; Nov. 9.
- Olson, Albert A., Johnstown, Pa., assignor to Bethlehem Steel Company. Calculating device. 2,307,534; Jan. 5.
- Olson, Arthur A., Youngstown, Ohio. Heating and ventilating. 2,319,703; May 18.
- Olson, Carl. (See Petersen, Hans E., assignor.)
- Olson, Carl, assignor to Wright Products, Inc., Minneapolis, Minn. Door latch. 2,311,685; Feb. 23.
- Olson, Carl, assignor to Wright Products, Inc., Minneapolis, Minn. Door latch. 2,311,686; Feb. 23.
- Olson, Carl, assignor to Wright Products, Inc., Minneapolis, Minn. Window stay. 2,311,687; Feb. 23.
- Olson, Carl, assignor to Wright Products, Inc., Minneapolis, Minn. Door latch. 2,311,688; Feb. 23.
- Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Screw element and washer assembly. 2,311,299; Feb. 16.
- Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Lock nut. 2,314,509; Mar. 23.
- Olson, Carl M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium oxide production. 2,319,824; May 25.
- Olson, Carl M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium oxide production. 2,331,496; Oct. 12.
- Olson, Carl W., Minneapolis, Minn. Ventilator. 2,334,789; Nov. 23.
- Olson, Charles E., Bridgeport, Conn. Shoe. 2,324,591; July 20.
- Olson, Edgar T. (See Katzen, R., Plow, and Olson.)
- Olson, Edgar T., Pittsburgh, Pa., R. Katzen, Brooklyn, N. Y., and R. H. Plow, Iron Mountain, Mich., assignors to Northwood Chemical Company, Phelps, Wis. Making lignin. Re. 2,2295; Mar. 30.
- Olson, Elmer. (See Holley, G. M., Udale, and Olson.)
- Olson, Elmer, Detroit, Mich., assignor to G. M. and E. Holley. Two-stage carburetor. 2,313,258; Mar. 9.

- Olson, Elmer, Detroit, Mich., assignor to G. M. and E. H. Holley. Heart control. 2,324,592; July 20.
- Olson, Frederick F., Belmont, and S. D. Klyce, Lexington, Mass., assignors to The B. F. Goodrich Company, New York, N. Y. Fur trimmed footwear. 2,328,842; Sept. 7.
- Olson, Gilbert, assignor to The Land-O-Nod Company, Minneapolis, Minn. Mattress border forming device. 2,336,952; Dec. 14.
- Olson, Gordon L. (See Peterson, C. E., and Olson.)
- Olson, Gunner, West Hartford, assignor to G. and H. Schweizer, co-partners, doing business as The Hartford Tool and Die Company, Hartford, Conn. Band saw. 2,336,020; Dec. 7.
- Olson, Harold T., assignor to The Palmer Grafex Corporation, Rochester, N. Y. Filter mount for photographic cameras. 2,315,981; Apr. 6.
- Olson, Harry F., Haddon Heights, N. J., assignor to Radio Corporation of America. Loudspeaker. 2,318,517; May 4.
- Olson, Henry J., St. Louis, Mo. Casket handle. 2,330,141; Sept. 21.
- Olson, Herbert H., Los Angeles, Calif., assignor to Columbus Coated Fabrics Corporation, Columbus, Ohio. Device for determining the contents of rolls of oilcloth. 2,330,909; Oct. 5.
- Olson, John H. (See Astrom, C. P., and Olson.)
- Olson, John, Detroit, Mich. Toggle pliers. 2,327,368; Aug. 24.
- Olson, John B. (See Willert, W. M., Markov, and Olson.)
- Olson, John M., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Liquid wax polish. 2,331,925; Oct. 19.
- Olson, Raymond E., Pittsford, assignor to Taylor Instrument Companies, Rochester, N. Y. Pasteurizing system. 2,321,235; June 8.
- Olson, Raymond T., Stratford, Conn. Machinery key. 2,336,285; Dec. 7.
- Olson, Samuel, Chicago, Ill. Vegetable cleaning machine. 2,308,775; Jan. 19.
- Olson, Stanley C., La Crosse, Wis. Vehicle. 2,314,419; Mar. 23.
- Olson, Vernon F., Zumbrota, Minn. Toilet paper roll holder. 2,327,816; Aug. 24.
- Olson, W. James, et al. (See Hubacker, Earl F., assignor.)
- Olson, Waldemar N., Brookfield, assignor to Reynolds Electric Co., Chicago, Ill. Apparatus for circulating and sterilizing air. 2,332,063; Oct. 26.
- Olson, Wilbur K., assignor to W. A. Sheffer Pen Company, Fort Madison, Iowa. Fountain pen. 2,314,551; Mar. 23.
- Olstad, Martin H., Bayside, and Allan E. Williams, White Plains, assignors to Niagara Blower Company, New York, N. Y. Apparatus for maintaining the desired temperature of liquids. 2,321,933; June 15.
- Olt, Richard G., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making porous metal. 2,332,746; Oct. 26.
- Oltman, Robert E., assignor to Minnesota Valley Canning Company, Le Sueur, Minn. Determining the maturity of corn. 2,329,936; Sept. 21.
- Oltz, George H., Louisville, Ky., assignor to General Box Company, Chicago, Ill. Shipping container for baby chicks and making same. 2,312,846; Mar. 2.
- Olving, Bror G., assignor to McGraw Electric Company, Elgin, Ill. Electric sadiron. 2,321,509; June 8.
- Olving, Bror G., assignor to McGraw Electric Company, Elgin, Ill. Electric iron. 2,323,414; July 6.
- Olving, Bror G., assignor to McGraw Electric Company, Elgin, Ill. Automatic electric toaster. 2,337,124; Dec. 21.
- Olympia Plywood Machinery Corporation. (See Skoog, Per F., assignor.)
- O'Malley, Joseph M., assignor to Morgan Construction Company, Worcester, Mass. Rolling mill. 2,311,075; Feb. 16.
- Oman, Erik. (See Ax, G. B., Grunewald, Wiberg and Oman.)
- Öman, Erik, Stocksund, Sweden. Apparatus for separating solution from a mixture of solution and ice crystals. 2,324,869; July 20.
- Oman, Nils J., Merchantville, N. J., assignor to Radio Corporation of America. Audio frequency amplifier. 2,313,962; Mar. 16.
- O'Meara, John W., Boston, Mass. Safety razor. 2,325,794; Aug. 3.
- Omohundro, Allen L., Wilton, and E. C. Fanto, Fairfield, assignors to McKesson & Robbins, Incorporated, Bridgeport, Conn. Dentifrices. 2,317,297; Apr. 20.
- Omohundro, Allen L., Wilton, and E. C. Fanto, Fairfield, assignors to McKesson & Robbins, Incorporated, Bridgeport, Conn. Identification of white mineral oil. 2,325,421; July 27.
- O'Neill, Grad M., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Conditioning anthraquinone vat dyestuffs. 2,308,711; Jan. 19.
- O'Neal, Wilburn W., and R. D. Williams, Memphis, Tenn.; said Williams assignor to said O'Neal. Dehydrator. 2,334,949; Nov. 23.
- O'Neal, Wilburn W., and R. D. Williams, Memphis, Tenn. Furnace. 2,335,877; Dec. 7.
- O'Neal, William B. (See Ebel, W. K., Houstle, Schudder, and O'Neal.)
- O'Neal, William B., and W. P. Zimmerman, assignors to The Glenn L. Martin Company, Baltimore, Md. Measurement apparatus. 2,311,076; Feb. 16.
- O'Neill, Earl W., Port Henry, N. Y. Animal trap. 2,316,970; Apr. 20.
- O'Neill, Ignatius B., et al. (See Bynum, Pink T., assignor.)
- O'Neill, James H., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Can body cooling means. 2,338,054; Dec. 28.
- O'Neill, John G., Faribault, and L. G. Zesbaugh, Minneapolis, assignors of one-half to C. Weinagen, Jr., St. Paul, Minn. Container. 2,330,849; Oct. 5.
- O'Neill, W. (See Roberts, Gerald G., assignor.)
- O'Neill, Edward M., assignor to Union Machine Company, San Francisco, Calif. Mixing apparatus. 2,333,951; Nov. 9.
- O'Neill, Leo M., Evanston, Ill. Drier. 2,334,025; Nov. 9.
- Oneto, John F. (See Malm, L. S., and Oneto.)
- Ontons, John H. (See Thornhill, Peter W., assignor.)
- Onksen, George W., Jr. (See Falge, R. N., Onksen, Jr., and Slene.)
- Onksen, George W., Jr., and W. R. Goris, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Signboard lamp. 2,308,100; Jan. 12.
- Onondaga Pottery Company. (See Hall, Flemmon P., assignor.)
- Onondaga Pottery Company. (See Zalewski, W. F., and Woodcock, assignors.)
- Onsrud Machine Works, Inc. (See Onsrud, Rudolph F., assignor.)
- Onsrud, Rudolph F., assignor to Onsrud Machine Works, Inc., Chicago, Ill. Priming valve for centrifugal force feed. 2,332,747; Oct. 26.
- Ontario Research Foundation. (See Goodings, A. C., and Marshall, assignors.)
- Ontario Research Foundation. (See Staples, Milfred L., assignor.)
- Oosterhuis, Albert G., Amsterdam, Netherlands; vested in the Alien Property Custodian. Preparation of nitrogen chloride. 2,328,484; Aug. 31.
- Ooton, Paige, Hopkinsville, Ky. Back rest. 2,307,709; Jan. 5.
- Openshaw, Gerald, Ashton-on-Mersey, England. Dowel pin employed in joining wooden members. 2,321,101; June 8.
- Opignorth, John E., Nashotah, Wis. Sliding shelf support. 2,330,233; Jan. 5.
- Ople, John, Chicago, Ill. Ham pressing and packaging device. 2,337,406; Dec. 21.
- Opitz, Frederick W., Chicago, Ill. Liquid dispensing device. 2,327,285; Aug. 17.
- Opler, Alfred M., New York, N. Y. Cigarette case or the like. 2,333,270; Nov. 2.
- Oplinger, Kirk A., Verona, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switching apparatus. 2,307,535; Jan. 5.
- Oplinger, Kirk A., Verona, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical switching apparatus. 2,326,060; Aug. 3.
- Opocensky, Willard J., Long Beach, Calif., assignor to Eastman Oil Well Survey Company, Dallas, Tex., and Eastman Oil Well Survey Corporation, Long Beach, Calif. Inclination and directional device for boreholes. 2,313,168; Mar. 9.
- Opocensky, Willard J., Long Beach, Calif., assignor of one-half to Eastman Oil Well Survey Company, Dallas, Tex., and one-half to Eastman Oil Well Survey Corporation, Long Beach, Calif. Inclination indicating instrument. 2,334,950; Nov. 23.
- Opotow, Nathan, New York, N. Y. Dental apparatus. 2,309,270; Jan. 26.
- Opp, Fred W., Costa Mesa, assignor of two-ninths to W. C. Collins, two-ninths to C. W. Catlin, and two-ninths to F. C. Wright, all of Santa Ana, Calif. Electrical treatment of plants. 2,332,164; Oct. 19.
- Oppenheimer Casing Co. (See Holstein, M. S., and Morawski, assignors.)
- Oppner, Louis, Brooklyn, N. Y. Lifting handle device for toilet seats and covers. 2,318,518; May 4.
- Opperd, Melvin L. (See Tripp, L. R., and Opperd.)
- Opsal, Berger L., Oklahoma City, assignor, by mesne assignments of one-half to Cities Service Oil Company, Bartlesville, Okla. Device for spooling reds and like cable. 2,326,556; Aug. 10.
- Oram, Daniel R., Knighton, England. Compression-ignition fuel-injection engine. 2,336,883; Dec. 14.
- Oram, John H., Cleveland Heights, Ohio, assignor to General Electric Company. Flash lamp. 2,334,155; Nov. 9.
- Oravec, Emil G., assignor to Crane Co., Chicago, Ill. Flue valve. 2,327,545; Aug. 24.
- Orbeck, Einar M., West Hartford, assignor, by mesne assignments, to Veeder-Root Incorporated, Hartford, Conn. Shutter device for counter mechanisms. 2,335,353; Nov. 30.
- Orchard, Lewis E., Twin Falls, Idaho. Lock for adjustable wrenches. 2,309,529; Jan. 26.
- Ore, Carl V. (See Lavry, R. G., and Ore.)
- Orefraction Incorporated. (See Wiegand, Edwin L., assignor.)
- O'Reilly, Joe, Tacoma, Wash. Collapsible carton. 2,321,848; June 15.
- O'Reilly, Joe, Tacoma, Wash. Egg carton. 2,322,876; June 29.

- O'Reilly, Joe, Tacoma, Wash. Container and carrier for bottled goods. 2,335,022; Nov. 23.
- O'Reilly, Joseph A., Tacoma, Wash. Carton. 2,332,250; Oct. 19.
- Orellind, John R., Evanston, Ill., assignor to International Harvester Company. Agricultural implement. 2,324,870; July 20.
- Orellind, John R., Canton, Ill., assignor to International Harvester Company. Roll over plow. 2,327,927; Aug. 24.
- Orellind, John R., Evanston, and A. G. Evans, Canton, Ill., assignors to International Harvester Company. Tractor-mounted implement. 2,324,871; July 20.
- Orin, Leo G., Oakland, Calif. Tire vulcanizing machine. 2,335,878; Dec. 7.
- Orendorff, John W., Canton, Ill., assignor to International Harvester Company. Covering wheel for planting equipment. 2,330,308; Sept. 28.
- Orkfriz, Albert C., Elgin, Ill. Electric broiling device. 2,329,937; Sept. 21.
- Orlicki, Stanley E., assignor of one-half to L. E. Rozycki, Los Angeles, Calif. Handrail. 2,310,593; Feb. 9.
- Orlik, Emil, Prague-Smichov, Czechoslovakia; vested in the Alien Property Custodian. Constructional toy. 2,311,907; Feb. 23.
- Orlow, Ernest M., Lannon, Wis. Apparatus and method for breaking slabs of material. 2,319,154; May 11.
- Ormond, John J., assignor of two-thirds to J. D. Ramsey, Boston, Mass. Engraving. 2,315,903; Apr. 6.
- Ormond, John J., assignor of two-thirds to J. D. Ramsey, Boston, Mass. Printing. 2,316,708; Apr. 13.
- Ormond, John J., assignor of two-thirds to J. D. Ramsey, Boston, Mass. Projection device. 2,317,550; Apr. 27.
- Ormond, John J., assignor of two-thirds to J. D. Ramsey, Boston, Mass. Etching. 2,317,551; Apr. 27.
- Ormond, John J., assignor of two-thirds to J. D. Ramsey, Boston, Mass. Making printing members. 2,319,944; May 25.
- Ormond, John J., assignor of two-thirds to J. D. Ramsey, Boston, Mass. Method of printing. 2,320,744; June 1.
- Ormond, John J., assignor of two-thirds to J. D. Ramsey, Boston, Mass. Making printing members. 2,322,540; June 22.
- Ormsby, Donald D., assignor to Clark Equipment Company, Buchanan, Mich. Two-speed axle. 2,312,263; Feb. 23.
- Ormsby, Donald D., assignor to Clark Equipment Company, Buchanan, Mich. Motor vehicle. 2,314,511; Mar. 23.
- Ormsby, Erle S., St. Louis, Mo. Stoker. 2,330,309; Sept. 28.
- Ormsby, Fred R., et al. (See Snyder, John L., assignor.)
- Orndorff, Hugh B., Jackson, Miss. Filler valve. 2,333,036; Oct. 26.
- Orner, Harry, Cleveland Heights, Ohio. Power transmission. 2,330,374; Sept. 28.
- Orner, Harry, Cleveland Heights, Ohio. Automatic power transmission. 2,330,375; Sept. 28.
- Ornstien, Carl, Stockholm, Sweden. Method and apparatus for indicating dissolved oxygen in aqueous liquids. 2,320,095; May 25.
- Orr, Carroll E., Orange, assignor to Synco Machine Company, Rahway, N. J. Wire drawing and spooling system. 2,331,798; Oct. 12.
- Orr, Donald J., Arnolds Park, Iowa. Scale structure for vehicles. 2,314,552; Mar. 23.
- Orr, Elinal C., Glendale, Calif. Rotary sprinkler. 2,309,782; Feb. 2.
- Orr, Glenn H., assignor to The General Tire & Rubber Company, Akron, Ohio. Fluid control device. 2,310,309; Feb. 9.
- Orr, John A., Chicago, Ill. Grass and weed cutter. 2,312,972; Mar. 2.
- Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. Re. 22,281; Mar. 2.
- Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,319,746; May 18.
- Orr, Palmer, Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission control. 2,328,227; Aug. 31.
- Orr, Percy L. (See Clapp, C. W., and Orr.)
- Orrill, George R. (See Heely, R. C., and Orrill.)
- Orshansky, Elias, Jr., University Heights, and B. S. Pond, assignors to The Acrotorque Company, Cleveland, Ohio. Pressure apparatus. 2,315,076; Mar. 30.
- Orshansky, Elias, Jr., University Heights, assignors to The Acrotorque Company, Cleveland, Ohio. Drive. 2,316,278; Apr. 13.
- Orshansky, Elias, Jr., University Heights, and E. W. Fuller, Shaker Heights, assignors to The Acrotorque Company, Cuyahoga County, Ohio. Motor. 2,332,664; Oct. 26.
- Örström, Gustaf, Alsten, assignor to Aktiebolaget Gerh. Arelms Mekaniska Verkstad, Stockholm, Sweden. Device for distributing portions of pulverous, granular, or other material. 2,311,347; Feb. 16.
- Orswell, Merrill C. (See Oliver, W. H., and Orswell.)
- Orrt, John M. (See Christiansen, W. G., and Orrt.)
- Orrt, John M., Rockville Centre, assignor to E. R. Squibb & Sons, New York, N. Y. Preparing cyclopropane. 2,325,628; Aug. 3.
- Ort, William, assignor to W. F. Stimpson, Louisville, Ky. Weighing scale construction. 2,333,735; Nov. 9.
- Ortega, Carlos, New York, N. Y. Airplane. 2,316,885; Apr. 20.
- Ortensi, Ennio, Bergamo, Italy, assignor to Vestinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,331,221; Oct. 5.
- Origies, Raymond C., Chicago, assignor to Whiting Corporation, Harvey, Ill. Drop-pit apparatus. 2,327,446; Aug. 24.
- Orth, Hans, Troisdorf, Germany; vested in the Alien Property Custodian. Plastic masses from polyvinyl compounds. 2,312,437; Mar. 2.
- Orth, Richard, assignor to Gill Glass & Fixture Company, Philadelphia, Pa. Fluorescent lighting equipment. 2,314,420; Mar. 23.
- Orthner, Ludwig, C. Platz, and H. Keller, Frankfurt-on-the-Main, and H. Sönke, Bad Soden-in-Taunus, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Capillary active compounds and preparing them. 2,313,573; Mar. 9.
- Orthner, Ludwig, and W. Langhein, Frankfurt-on-the-Main, Germany; vested in the Alien Property Custodian. Sulphonic acids and process of preparing them. 2,316,538; Apr. 13.
- Orthner, Ludwig, and G. Baile, Frankfurt-on-the-Main, G. Dittus, Ludwigshafen-on-the-Rhine, and H. Wagner, Frankfurt-on-the-Main, Germany; vested in the Alien Property Custodian. Preparing thiuronium salts. 2,323,075; June 29.
- Ortho Products, Inc. (See Sander, Frank V., assignor.)
- Orthwein, Rudolf, New York, N. Y. Screen printing press. 2,315,730; Apr. 6.
- Ortiz, Raymond, assignor to The Ryan Aeronautical Co., San Diego, Calif. Connecting halves of tubular ducts. 2,329,938; Sept. 21.
- Orton, Merritt K., assignor to American Seating Company, Grand Rapids, Mich. Chair. 2,336,031; Dec. 7.
- Oryl, Joseph, Detroit, Mich. Portable shower bath. 2,308,452; Jan. 12.
- Orytsky, Roman L. (See Lovell, L. L., Isted, and Orytsky.)
- Orytsky, Roman L., Alton, Ill., assignor to Shell Development Company, San Francisco, Calif. Paving asphalt production. 2,308,245; Jan. 12.
- Osborn, Alden E., Mount Vernon, N. Y. Internal combustion engine. 2,310,542; Feb. 9.
- Osborn, Alden E., Mount Vernon, N. Y. Pipe joint. 2,310,744; Feb. 9.
- Osborn, Alden E., Mount Vernon, N. Y. Transmission gear. 2,333,037; Oct. 26.
- Osborn, Charles L., Cheyenne, Wyo. Windshield wiper. 2,332,312; June 22.
- Osborn, Howard, Stapleton, Bristol, assignor to The Thrissell Engineering Company Limited, Bristol, England. Sheet feeding apparatus. 2,335,078; Nov. 23.
- Osborn Manufacturing Company, The. (See Pecsok, Michael C., assignor.)
- Osborn Manufacturing Company, The. (See Peterson, Ruben O., assignor.)
- Osborn, Ralph C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,320,534; June 1.
- Osborn, William D. (See Crane, H. R., and Osborn.)
- Osborn, William D., and H. R. Crane, Los Angeles, Calif. Kite type sewer washer. 2,328,093; Aug. 31.
- Osborn, William H., New York, S. B. Twiner, Kew Gardens, and J. R. Smith, Flushing, assignors to Phelps Dodge Corporation, New York, N. Y. Recovery of metal salts. 2,307,944; Jan. 12.
- Osborn, William H., New York, and J. R. Smith, Flushing, assignors to Phelps Dodge Corporation, New York, N. Y. Recovery of antimony. 2,327,546; Aug. 24.
- Osborne, Carl W., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Automatic transmission. 2,325,291; Aug. 31.
- Osborne, Charles D., et al. (See Raesler, John L., assignor.)
- Osborne, Eugene F., Peach Bottom, Pa. Turbine engine. 2,323,617; July 6.
- Osborne, Fay H., assignor to C. H. Dexter & Sons, Inc., Windsor Locks, Conn. Paper and preparing the same. 2,336,367; Dec. 7.
- Osborne, Frank M. (See Wappner, R. C., and Osborne.)
- Osborne, Fred H. (See Hull, C. J., and Osborne.)
- Osborne, Fred H., Snyder, N. Y., assignor to The Rudolph Wuritzer Company, Cincinnati, Ohio. Signal transmitter. 2,325,536; July 27.
- Osborne, Fred H., Snyder, assignor to The Rudolph Wuritzer Company, North Tonawanda, N. Y. Coin control device. 2,327,154; Aug. 17.
- Osborne, Fred H., Snyder, and T. M. Wright, North Tonawanda, N. Y., assignors to The Rudolph Wuritzer Company, Cincinnati, Ohio. Remote control system. 2,319,945; May 25.
- Osborne, Fred H., Snyder, and C. J. Hull, Buffalo, N. Y., assignors to The Rudolph Wuritzer Company, Cincinnati, Ohio. Selector mechanism for automatic phonographs. 2,319,946; May 25.
- Osborne, Harry E. (See Casavant, E., Osborne, and Meek.)

- Osborne, John L., Elizabeth, N. J., assignor to American Cyanamid Company, New York, N. Y. Producing di cyanhydride. 2,337,488; Dec. 21.
- Osborne, Orville S., Syracuse, N. Y. Article support. 2,319,747; May 18.
- Osborne, Ralph H., West Los Angeles, Calif. Overhead door and locking means therefor. 2,331,497; Oct. 12.
- Osborne, Thomas V., Greensboro, N. C. Toy trailer truck. 2,311,123; Feb. 16.
- Osborne, William B. (See Carnagua, H. E., and Osborne.)
- Osborne, William B., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,325,873; Aug. 3.
- Osborne, William G., Santa Ana, Calif. Scaffold. 2,329,415; Sept. 14.
- Osbrink, Raymond H., Los Angeles, Calif. Apparatus for making mold members. 2,309,271; Jan. 26.
- Osbrink, Raymond H., Los Angeles, Calif. Apparatus for manufacturing mold members. 2,316,279; Apr. 13.
- Osbrink, Raymond H., Los Angeles, Calif. Apparatus for producing castings. 2,316,280; Apr. 13.
- Osburn, Jesse L., and W. H. Fain, Houston, Tex. Primer for internal combustion motors. 2,310,594; Feb. 9.
- Osborn, Noid H. (See Sjöberg Thor, assignor.)
- Oserowsky, Harold L., Bay City, Mich. Valve lifter. 2,310,372; Feb. 9.
- Osgood, Arthur C., Minneapolis, Minn. Grain drying apparatus. 2,331,720; Oct. 12.
- Osgood, Charles F., Jr. (See Watt, B. L., and Osgood.)
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. Re. 2,332; Sept. 28.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,309,677; Jan. 19.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Drilling apparatus. 2,310,990; Feb. 16.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Drilling apparatus. 2,322,741; June 22.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,327,928; May 24.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining apparatus. 2,334,576; Nov. 16.
- Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,336,953; Dec. 14.
- Osgood Company, The. (See White, Fred L., assignor.)
- Osgood, Robert C., Claremont, N. H., assignor to Sullivan Machinery Company. Material loading apparatus. Re. 2,336; Oct. 26.
- Osgood, Robert C., Claremont, N. H., assignor to Sullivan Machinery Company. Material loading apparatus. 2,319,257; May 18.
- Osgood, Walter P., Malden, assignor to Boston Machine Works Company, Lynn, Mass. Coating machine. 2,314,051; Mar. 16.
- O'Shea, Thomas F., Chicago, Ill. Garbage retort receptacle and garbage disposal system. 2,316,360; Apr. 13.
- Oshel, Reed J., and R. C. Timm, assignors to Trico Products Corporation, Buffalo, N. Y. Sleet blade. 2,319,904; May 25.
- Oshkosh Trunks and Luggage. (See Plotkin, Joseph H., assignor.)
- Oshman, Benjamin and J. New York, N. Y. Toothbrush holder. 2,331,222; Oct. 5.
- Oshman, Joseph. (See Oshman, B. and J.)
- Ostlick, Abe, Philadelphia, Pa. Chair glider. 2,327,286; Aug. 17.
- Oslund, Charles H., Worcester, Mass. Label wiping mechanism. 2,315,349; Mar. 30.
- Osnun, Fred N., Houston, Tex. Retriever. 2,318,885; May 11.
- Osnun, Fred N., Houston, Tex. Jar. 2,336,564; Dec. 14.
- Osplack, Joseph J., assignor to Vinco Corporation, Detroit, Mich. Method and apparatus for dressing involute grinding wheel profiles. 2,326,795; Aug. 17.
- Osteen, Richard T., Greenville, S. C., assignor to Walker Manufacturing Company, Inc., Philadelphia, Pa. Tape salvage frame. 2,336,954; Dec. 14.
- Osterbauer, Edwin J., Rockford, Ill. Dispenser. 2,312,973; Mar. 2.
- Osterberg, Carl T., Milwaukee, Wis., assignor to Pitney-Bowes Postage Meter Company, Stamford, Conn. Postage checker. 2,335,693; Nov. 30.
- Osterberg, Harold, assignor to Spencer Lens Company, Buffalo, N. Y. Apparatus for coating articles. 2,337,679; Dec. 28.
- Osterberg, Johi O., Vicksburg, Miss. Apparatus for determining soil and hydrostatic pressure. 2,336,500; Dec. 14.
- Österdahl, Ragnar K., Stora Essingen, Sweden. Vacuum cleaner dust bag. 2,324,231; July 13.
- Ostergard, Povl, Mount Lebanon, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Conversion of paraffinic hydrocarbons. 2,320,293; May 25.
- Osterheld, Clark M., Stoughton, Wis., assignor to McGraw Electric Company, Elgin, Ill. Water heating system. 2,312,772; Mar. 2.
- Osterhof, Arthur L. (See Georgi, E. A., and Osterhof.)
- Osterhof, Harold J., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Making stretched film. 2,328,843; Sept. 7.
- Osterhof, Harold J., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Coated rubber hydrochloride film. 2,328,844; Sept. 7.
- Osterkorff, Frederick N., Freshold, N. J., assignor to Economy Valve Company. Heating system. 2,315,541; Apr. 6.
- Osterman, Egbert E., Elizabeth, N. J. Automatic control device. 2,308,623; Jan. 19.
- Ostermann, Rudolf, M., Kenilworth, Ill. Locomotive. 2,321,613; June 15.
- Ostrinor & Company. (See Bednarek, Peter C., assignor.)
- Osth, Adam, assignor to Alfred Decker & Cohn, Inc., Chicago, Ill. Waistcoat attachment for dress coats. 2,321,768; June 15.
- Ostler, Ernest S. (See Lorenz, R. L., Ostler, and Denniston.)
- Ostline, John E., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Signaling system. 2,315,010; Mar. 30.
- Ostman, Nels P., Moorhead, Minn. Window lifter. 2,330,910; Oct. 5.
- Ostrand, John K., Philadelphia, Pa. Variable speed motor system. 2,319,625; May 18.
- Ostrander, James N., assignor to Rustless Iron and Steel Corporation, Baltimore, Md. Polishing stainless iron and steel. 2,331,721; Oct. 12.
- Ostrosky, James N., Baltimore, Md., assignor to Rustless Iron and Steel Corporation. Polishing stainless iron and steel. 2,335,354; Nov. 30.
- Osuna, José R., Marianna, Cuba. Apparatus for condensing distillation. 2,367,154; Jan. 5.
- Oswald, Frank G., Newark, assignor to Hercules Powder Company, Wilmington, Del. Rosin base resin. 2,322,197; June 15.
- Oswald, George J. (See Doelker, W. J., and Oswald.)
- Oswald, Leslie H. (See Prosser, T. W., Wahlbeck, Oswald, and Klienfeld.)
- Oswald, Louis, Napa, Calif. Land leveler. 2,325,875; Aug. 3.
- Oswego Falls Corporation. (See Barnes, A. A., and Price, assignors.)
- Oswego Falls Corporation. (See Baule, Gerhard H. J., assignor.)
- Oswego Falls Corporation. (See Price, John F., assignor.)
- Oswego Falls Corporation. (See Wilcox, Isaac L., assignor.)
- Oswood, Elmer S., Minneapolis, Minn. Weed cutter for outboard motors. 2,319,947; May 25.
- Otazu, Joseph M. (See Davies, E. R., Selwyn, and Otazu.)
- Otis, Carl W., Menands, N. Y. Display. Re. 22,289; Mar. 16.
- Otis, Carl W., Menands, N. Y. Staple bender. 2,329,849; Sept. 21.
- Otis Elevator Company. (See Fritzum, H. E., and Broun, assignors.)
- Otis Elevator Company. (See Handy, Arthur E., assignor.)
- Otis Elevator Company. (See Heart, H. L., and Davis, assignors.)
- Otis Elevator Company. (See Larson, David C., assignor.)
- Otis Elevator Company. (See Lindquist, D. L., Handy, and Lewis, assignors.)
- Otis Elevator Company. (See Prince, Arthur E., assignor.)
- Otis Elevator Company. (See Sahlin, Eric A., assignor.)
- Otis Elevator Company. (See Sanford, Seldin B., assignor.)
- Otis Elevator Company. (See Tilton, Russel G., assignor.)
- Otis Elevator Company. (See Waite, R. A., and Davis, assignors.)
- Otis, Ernal B., assignor to The Wallace Press, Chicago, Ill. Identification tag. 2,311,860; Feb. 23.
- Otis, Ernal B., assignor to The Wallace Press, Chicago, Ill. Stop mechanism for web feed. 2,313,888; Mar. 16.
- Otis, Gerald E., assignor to The Herman Nelson Corporation, Moline, Ill. Heating and ventilating apparatus. 2,327,663; Aug. 24.
- Otis, Gerald E., assignor to The Herman Nelson Corporation, Moline, Ill. Method of and apparatus for air conditioning. 2,327,664; Aug. 24.
- Ott, Clarence J., assignor to Shell Development Company, San Francisco, Calif. Paraffin alkylation process. 2,317,694; Apr. 27.
- Ott, Conrad L., Detroit, Mich. Grinding machine. 2,336,955; Dec. 14.
- Ott, Emil, Elsmere, assignor to Hercules Powder Company, Wilmington, Del. Terpene derivative. 2,332,165; Oct. 19.
- Ott, Frederick C. A., Glendale, assignor to Mundet Cork Corporation, Brooklyn, N. Y. Forming plugs. 2,335,879; Dec. 7.
- Ott, Harry G., assignor to Waltham Watch Company, Waltham, Mass. Indicating instrument. 2,328,485; Aug. 31.
- Ott, John E., Lisle Township, Du Page County, assignor to Acme Steel Company, Chicago, Ill. Strip metal package. 2,328,356; Aug. 31.
- Ott, Latour O. (See Fielder, H. S., and Ott.)

- Otte, Otho M., Tarentum, Pa. Alloy steel article and producing the same. 2,327,209; Aug. 17.
- Ottersland, Peter N., Watertown, N. Y. Knife mounting. 2,337,407; Dec. 21.
- Otting, Caroline A., and R. H. Otting, New York, N. Y. Continuous stitch needle. 2,309,628; Jan. 26.
- Otting, Herbert E., Westerville, and J. J. Quilligan, Columbus, Ohio, assignors to M. & R. Dietetic Laboratories, Inc. Concentrated liquid ice cream mix. 2,307,234; Jan. 5.
- Otting, Richard H. (See Otting, Caroline A. and Richard H.)
- Ottinger, Leon. (See Gage, Edward G., assignor.)
- Ottmar, Jerome, assignor to Metals & Controls Corporation, Attleboro, Mass. Thermal element. 2,329,131; Sept. 7.
- Otto, Albert T., & Sons, Inc. (See Buddeberg, Walter, assignor.)
- Otto, Carl, New York, N. Y., assignor to Fuel Refining Corporation, Dover, Del. Waste heat coke oven. 2,311,689; Feb. 23.
- Otto, Carl, New York, N. Y., assignor to Fuel Refining Corporation, Dover, Del. Operating coke ovens. 2,313,764; Mar. 16.
- Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Thermostatic and like unit. 2,312,071; Mar. 2.
- Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Damper. 2,317,798; Apr. 27.
- Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Damper. 2,320,007; May 25.
- Otto, Carl A., assignor to Johnson Service Company, Milwaukee, Wis. Regulating device. 2,330,078; Sept. 21.
- Otto, Eugene J., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Sheave. 2,331,498; Oct. 12.
- Otto, Ferdinand P. (See Reiff, O. M., Otto, Giammaria, and Overright.)
- Otto, Merrill M. (See Cislak, F. E., and Otto.)
- Otto, Michael, Oppau, H. Gueterbock, Ludwigshafen-on-the-Rhine, and A. Hellemanns, Oppau, Germany, assignors, by mesne assignments, to Jasco, Incorporated. Carrying out polymerizations. 2,311,567; Feb. 16.
- Ottoson, Carl C. (See Kurtz, L. C., and Ottoson.)
- Ottoson, Carl C., West Brighton, Staten Island, N. Y. Flight attachment. 2,313,259; Mar. 9.
- Ottoson, Carl C., West Brighton, Staten Island, N. Y. G-ruse truck. 2,336,884; Dec. 14.
- Ottoson, Oscar, Bronx, N. Y. Spray gun. 2,323,618; July 6.
- Ouellette, Alfred J., St. Paul, Minn. Supporting stand for infants. 2,324,421; July 13.
- Outboard, Marine & Manufacturing Company, et al. (See Conover, W. C., (assignor), and Johnson.)
- Outboard, Marine & Manufacturing Company. (See Irgens, Finn T., assignor.)
- Outboard, Marine & Manufacturing Company. (See Sidell, Philip A., assignor.)
- Ouzta, Stacy P., Hodges, S. C. Slasher. 2,335,880; Dec. 7.
- Overacker, Frank S., H. G. Thorn, and D. E. Wark, Klickitat, Wash. Measuring board and cutoff stop. 2,316,971; Apr. 20.
- Overbeke, John W., Anneslie, assignor to The Glenn L. Martin Company, Baltimore, Md. Valve. 2,322,658; June 22.
- Overbeke, John W., Anneslie, assignor to The Glenn L. Martin Company, Baltimore, Md. Valve. 2,326,487; Aug. 10.
- Overbeke, John W., Anneslie, assignor to The Glenn L. Martin Company, Middle River, Md. Control valve. 2,337,166; Jan. 21.
- Overbeke, John W., Anneslie, and H. P. Kupiec, assignors to The Glenn L. Martin Company, Baltimore, Md. Valve. 2,327,210; Aug. 17.
- Overbey, Ola D., Bunkle, La. Culinary device. 2,333,736; Nov. 9.
- Overbury, Austin A., West Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Intermittent drive gearing. 2,323,415; July 6.
- Overhead Door Corporation. (See Blodgett, Herbert C., assignor.)
- Overhead Loader Corporation. (See Andersen, Thomas K., and Tengel, assignors.)
- Overhead Loader Corporation. (See Andersen, T. K. and T., assignors.)
- Overhoff, Johan, Amsterdam, Netherlands; vested in the Alien Property Custodian. Silver catalyst and making the same. 2,307,421; Jan. 5.
- Overholser, Henry D., Tujunga, assignor of one-half to F. R. Crandall, Los Angeles, Calif. Floor conditioning machine. 2,316,805; Apr. 20.
- Overholser, Ross D., Cottage Grove, Oreg. Infant's commode. 2,307,897; Jan. 12.
- Overholt, Ralph, Jr. (See Gilson, R. M., and Overholt, Jr.)
- Overhultz, Charlie H., Denver, Colo. Ore concentrator and amalgamator. 2,329,781; Sept. 21.
- Overland Candy Corporation. (See Fay, Joseph W., assignor.)
- Overland Candy Corporation. (See Leaf, Sol S., assignor.)
- Overland, Leo D., Brooklyn, assignor to Joe Lowe Corporation, New York, N. Y. Apparatus for manufacturing frozen confections. 2,310,256; Feb. 9.
- Overland, Leo D., Brooklyn, N. Y., assignor to Joe Lowe Corporation, New York, N. Y. Packaging frozen confections. 2,320,985; June 1.
- Overton, Francis W. (See Bruker, H. W., and Overton.)
- Ovestrud, Melvin, Minneapolis, Minn., assignor, by mesne assignments, to The Jeffrey Manufacturing Company. Method of reclaiming used foundry sand. 2,331,135; Oct. 5.
- Oviatt, Milo H. (See Gustafson, R. E., and Oviatt.)
- Ow, Joseph W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High speed circuit breaker reclosing mechanism. 2,326,061; Aug. 3.
- Owatonna Tool Company. (See Kaplan, Reuben A., assignor.)
- Owen, David T., Cleveland Heights, assignor to Hanna G. Dimick, Cuyaboga Falls, Ohio. Inner spring cushion and mattress structure. 2,319,431; May 18.
- Owen, Frank M., Oklahoma City, Okla. Automatic cat-head. 2,314,733; Mar. 23.
- Owen, Frederick C., Fayetteville, N. C. Welding apparatus. 2,322,709; June 22.
- Owen, Harold R., Venice, assignor to Electrical Products Corporation, Los Angeles, Calif. Insulating device. 2,337,267; Dec. 21.
- Owen, Herbert L., Los Angeles, Calif. Gable trim shingle unit. 2,318,413; May 4.
- Owen, Ira J., Winnetka, assignor of one-third to J. H. Kiel and one-third to R. B. Kiel, both of Wilmette, Ill. Carpet sweeper. 2,316,709; Apr. 13.
- Owen, James M., Seattle, Wash., assignor to Henry Diston & Sons, Incorporated, Tacony, Pa. Saw Rack. 2,308,633; Jan. 19.
- Owen, John J., Baton Rouge, La., assignor to Standard Oil Development Company. Isomerizing paraffinic hydrocarbons. 2,330,079; Sept. 21.
- Owen, John W., Columbus, Ohio. Railway mail handling apparatus. 2,330,992; Oct. 5.
- Owen, Mark B., Ardsley-on-Hudson, assignor to Nichols Engineering & Research Corporation, New York, N. Y. Incineration of liquid sewage sludge and the like. 2,322,659; June 22.
- Owen Silent Spring Company, The. (See Burd, Gorman C., assignor.)
- Owen Silent Spring Company, The. (See Sternberg, Huot W., assignor.)
- Owen Silent Spring Company, The. (See Sternberg, H. W., and Smith, assignors.)
- Owen, William. (See Halbach, H. L., Koupal, and Owen.)
- Owen, William. (See Schofield, W. W., Owen, and Bidler.)
- Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Manufacture of cellular bodies. 2,310,457; Feb. 9.
- Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for removing marginal portions of glass units. 2,316,532; Apr. 13.
- Owen, William A., Johnson City, Tenn. Resilient tire for vehicles. 2,326,488; Aug. 10.
- Owen, William H., Hubbard, Ohio. Dilatation or expansion testing furnace and measuring means. 2,336,286; Dec. 7.
- Owen, Wm. W., executor. (See Willis, Bernard D.)
- Owens, Calvin A., St. Petersburg, Fla. Wood treatment. 2,321,849; June 15.
- Owens, Claude P. (See Capps, Sidney E., assignor.)
- Owens-Corning Fiberglas Corporation. (See Bergin, W. M., and Simson, assignors.)
- Owens-Corning Fiberglas Corporation. (See Bowes, Urban E., assignor.)
- Owens-Corning Fiberglas Corporation. (See Collins, Howard W., assignor.)
- Owens-Corning Fiberglas Corporation. (See Dockerty, Stuart M., assignor.)
- Owens-Corning Fiberglas Corporation. (See Hyde, James E., assignor.)
- Owens-Corning Fiberglas Corporation. (See McClure, Benjamin C., assignor.)
- Owens-Corning Fiberglas Corporation. (See Modigliani, Piero, assignor.)
- Owens-Corning Fiberglas Corporation. (See Schoenlaub, Robert A., assignor.)
- Owens-Corning Fiberglas Corporation. (See Simson, Allen L., assignor.)
- Owens-Corning Fiberglas Corporation. (See Slayter, James, assignor.)
- Owens-Corning Fiberglas Corporation. (See Slayter, G., Atkinson, Fletcher, and Smith, assignors.)
- Owens-Corning Fiberglas Corporation. (See Staelin, Carl G., assignor.)
- Owens-Corning Fiberglas Corporation. (See Thomas, J. H., and Fletcher, assignors.)
- Owens-Corning Fiberglas Corporation. (See Tucker, J. L., and Lunn, assignors.)
- Owens-Corning Fiberglas Corporation. (See Wallrath, B., and Basinski, assignors.)
- Owens, Francis H. (See Meredith, F. W., and Owens.)
- Owens, Freeman H., New York, N. Y. Program pre-selecting radio control unit. 2,337,568; Dec. 28.

- Owens, Grafton R., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Catalytic composition. 2,329,644; Sept. 14.
- Owens, Henry, & Company. (See Muheim, Joseph F., assignor.)
- Owens-Illinois Glass Company. (See Allen, Russell G., assignor.)
- Owens-Illinois Glass Company. (See Benoit, Joseph P., assignor.)
- Owens-Illinois Glass Company. (See Boegten, D. L., and Lowbart, assignors.)
- Owens-Illinois Glass Company. (See Brown, John P., assignor.)
- Owens-Illinois Glass Company. (See Chew, Clarence, assignor.)
- Owens-Illinois Glass Company. (See Draper, James C., assignor.)
- Owens-Illinois Glass Company. (See Fedorchak, William J., assignor.)
- Owens-Illinois Glass Company. (See Fedorchak, W. J., Johnson, and Jackson, assignors.)
- Owens-Illinois Glass Company. (See Heyne, Clarence A., assignor.)
- Owens-Illinois Glass Company. (See Hofmann, Victor E., assignor.)
- Owens-Illinois Glass Company. (See Hohl, J., Bjerling, Lakso, assignors, and Vogt.)
- Owens-Illinois Glass Company. (See Hohl, J., Bjerling, Whitler, and Lakso, assignors.)
- Owens-Illinois Glass Company. (See Holmes, Minot K., assignor.)
- Owens-Illinois Glass Company. (See Jackson, A. S., and Hume, assignors.)
- Owens-Illinois Glass Company. (See Lorenzen, A. I., and Blum, assignor.)
- Owens-Illinois Glass Company. (See Loudon, H. M., and McCreery, assignors.)
- Owens-Illinois Glass Company. (See McKaig, Albert S., Jr., assignor.)
- Owens-Illinois Glass Company. (See Moreland, Stephen, assignor.)
- Owens-Illinois Glass Company. (See Moreland, S. T., and Tracy, assignors.)
- Owens-Illinois Glass Company. (See Paul, H. W., and Bates, assignor.)
- Owens-Illinois Glass Company. (See Shaddock, Hugh A., assignor.)
- Owens-Illinois Glass Company. (See Shillinger, Clare B., assignor.)
- Owens-Illinois Glass Company. (See Smith, C. B., and Johnson, assignors.)
- Owens-Illinois Glass Company. (See Soubler, Leonard D., assignor.)
- Owens-Illinois Glass Company. (See Stover, R. B., assignor, and Hoy.)
- Owens-Illinois Pacific Coast Company. (See Noble, Burton A., assignor.)
- Owens-Illinois Pacific Coast Company. (See Watt, Joseph W., assignor.)
- Owens, Jesse C. (See Bartlow, Justin D., assignor.)
- Owens, Jesse C. (See Criss, L. E., and Owens.)
- Owens, Jesse C., Los Angeles, Calif. Carpet and floor covering turntable and the like. 2,310,036; Feb. 2.
- Owens, James H., Camden, N. J., assignor to Radio Corporation of America. Motion picture theater. 2,334,351; Nov. 16.
- Owens, John C., Grand Blanc, and R. A. Schomer, Flint, assignors to General Motors Corporation, Detroit, Mich. Conveyor control. 2,316,015; Apr. 6.
- Owens, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Electric control means. 2,312,974; Mar. 2.
- Owens, Joseph W., Schenectady, N. Y., assignor to General Electric Company. Control device. 2,314,240; Mar. 16.
- Owens, Orville R. (See Bergstrom, Oscar, assignor.)
- Owens, Robert E. (See Du Vall, Emile M., assignor.)
- Owmer, Frank M., and H. T. Underwood, assignors to The Bristol Aeroplane Company, Limited, Bristol, England. Sleeve-valve internal-combustion engine. 2,320,791; June 1.
- Oxford Filling Supply Co. (See Jonas, Frank D., assignor.)
- Oxland, Frederick G., assignor to Manning, Maxwell & Moore, Incorporated, Bridgeport, Conn. Pressure gauge. 2,317,109; Apr. 20.
- Oxlyn Company. (See Valentine, J. E., and Peña, assignors.)
- Ozella, Vincent J. (See Draper, R. C., and Ozella.)
- Ozone Development Corporation. (See Bagby, B. P., and De Lano, assignors.)
- Ozone Gas Combustion Co. (See Hinchman, Alva K., assignor.)
- PHC Housing Corporation. (See Hasenburger, H., and Corbett, assignors.)
- PHC Housing Corporation. (See Shuttleworth, Thomas H., assignor.)
- Pabich, Walter R., and H. Telfors, Chicago, Ill., assignors to Harris-Seaybold-Potter Company, Cleveland, Ohio. Stitching machine. 2,317,298; Apr. 20.
- Pabst, Arthur C., Kew Gardens, and J. H. Prall, Lynbrook, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Cooling engines. 2,318,558; May 4.
- Pabst Brewing Company. (See Ehrenfeld, Louis, assignor.)
- Pabst Brewing Company. (See Rue, Harold E., assignor.)
- Pace, Percy L., Mount Shasta, Calif. Combined kitchen stool and stepladder. 2,325,795; Aug. 3.
- Pace, Walter, Texarkana, Tex. Rearview mirror for cyclists. 2,329,416; Sept. 14.
- Pacific Clay Products Company. (See Benning, Wilbert O., assignor.)
- Pacific Clay Products Company. (See Wind, Fred V., assignor.)
- Pacific Coast Borax Company. (See Dudley, William A., assignor.)
- Pacific Electric Manufacturing Corporation. (See Schwager, August C., assignor.)
- Pacific Electric Manufacturing Corporation. (See Schwager, A. C., and Garrison, assignors.)
- Pacific Electric Manufacturing Corporation. (See Thompson, Joseph S., assignor.)
- Pacific Electric Manufacturing Corporation. (See Thompson, W. S., and Ray, assignors.)
- Pacific Lumber Company, The. (See Mead, E. C., and Forris, assignors.)
- Pacific Lumber Company, The. (See Lewis, Harry F., assignor.)
- Pacific Machinery Company. (See Burling, Eathel O., assignor.)
- Pacific Machinery Company. (See Jepson, Percy, assignor.)
- Pacific Mills. (See Burdett, Roy E., assignor.)
- Pacific Mills. (See Learned, H. D., Sykes, and Wachter, assignors.)
- Pacific Plastic & Manufacturing Company. (See Swarens, R. B., Attala, and Molony, assignors.)
- Pacific Pump Works. (See Hall, Jesse E., assignor.)
- Pacific Railway Equipment Company. (See Wieden, Herbert J., assignor.)
- Package Machinery Company. (See Clark, F. R., and A'Antonio, assignors.)
- Package Machinery Corporation. (See Concock, Edward F., assignor.)
- Package Machinery Company. (See Lyon, Norman W., assignor.)
- Packard, John A., assignor to The Belmar Manufacturing Company, Canton, Pa. Garment hanger. 2,316,533; Apr. 13.
- Packard Motor Car Company. (See Banta, Walter, assignor.)
- Packard Motor Car Company. (See Bogardus, Leonard R., assignor.)
- Packard Motor Car Company. (See Christman, John M., assignor.)
- Packard Motor Car Company. (See de Beaumont, Pierre S., assignor.)
- Packard Motor Car Company. (See Ferguson, James R., assignor.)
- Packard Motor Car Company. (See Fralling, Le Roy H., assignor.)
- Packard Motor Car Company. (See Griswold, W. R., and McFarland, assignors.)
- Packard Motor Car Company. (See Griswold, W. R., and O'Brien, assignors.)
- Packard Motor Car Company. (See Hoffman, Roscoe C., assignor.)
- Packard Motor Car Company. (See McFarland, Forest R., assignor.)
- Packard Motor Car Company. (See Paton, Clyde R., assignor.)
- Packard Motor Car Company. (See Vincent, Jesse G., assignor.)
- Packard Motor Car Company. (See Ware, Marsden, assignor.)
- Packard Motor Car Company. (See Weiss, Erwin A., assignor.)
- Packard, Robert H. (See Knobel, M., and Packard.)
- Packard, Robert H., assignor to Raytheon Production Corporation, Newton, Mass. Radio control device. 2,333,119; Nov. 2.
- Packer, Charles S., assignor to Justrite Manufacturing Company, Chicago, Ill. Self-cleaning switch. 2,310,595; Feb. 9.
- Packer, Charles S., assignor to Justrite Manufacturing Company, Chicago, Ill. Pouring lip for fluid containers. 2,326,881; Aug. 17.
- Packer, Charles S., assignor to Justrite Manufacturing Company, Chicago, Ill. Gasoline safety can. 2,335,195; Nov. 23.
- Packie, John W., Green Village, N. J., assignor to Standard Oil Development Company. Removal of entrained particles from vapors. 2,316,016; Apr. 6.
- Packless Metal Products Corporation. (See Guarnaschelli, Stephen, assignor.)
- Packwood, George H., Jr., St. Louis, Mo. Dispenser. 2,307,291; Jan. 5.
- Packwood, George H., Jr., St. Louis, Mo. Dispenser. 2,315,376; Mar. 30.
- Paddock, George A., Stow, Ohio, assignor to National Battery Company, St. Paul, Minn. Handle for storage batteries. 2,318,792; May 11.
- Paddock, Levi S. (See Ramsbottom, J. M., and Paddock.)
- Paddock, Ormond H., Rossford, and C. B. Schafer, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass washing apparatus. 2,312,186; Feb. 23.
- Paddon, Frederick H., Youngstown, Ohio. Apparatus for cutting metallic material. 2,312,120; Feb. 23.

- Paden, Carter N., Atlanta, Ga. Combination planter and fertilizer distributor. 2,309,353; Jan. 26.
- Paden, Joseph H. (See English, J. P., and Paden.)
- Paden, Joseph H., Glenbrook, and P. M. Kirk, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparation of β -alanine. 2,335,605; Nov. 30.
- Padley, Leonard, and G. A. Morgan, Sheffield, England. Rock drill. 2,318,326; May 4.
- Paessler, Eric W., Hackensack, N. J., assignor to Federal Telephone & Radio Corporation, New York, N. Y. Rotary positioning control apparatus. 2,334,724; Nov. 23.
- Paffen, Peter F. (See Chatterton, R. M., and Paffen.)
- Page, Arthur A., Red Wing, Minn., assignor, by mesne assignments, to Albert M. Marshall, Kansas City, Mo. Rotary sewage distributor. 2,314,423; Mar. 23.
- Page Engineering Company. (See Page, John W., assignor.)
- Page, Franklin H., Jr., assignor to Solar Aircraft Company, San Diego, Calif. Picking solution and method. 2,337,062; Dec. 21.
- Page, George A. (See Davies, W. W., and Page.)
- Page, Harry S., Schenectady, N. Y., assignor to General Electric Company. Dynamoelectric machine. 2,324,819; July 13.
- Page, John, Wilmette, assignor to United States Gypsum Company, Chicago, Ill. Apparatus for producing mineral wool. 2,316,451; Apr. 13.
- Page, John, Evanston, assignor to United States Gypsum Company, Chicago, Ill. Perforated plasterboard. 2,323,564; July 6.
- Page, John L., Levesonfield, Quebec, Canada, assignor to Gibson Patent Containers, Ltd., Sydney, New South Wales, Australia. Method of assembling prefabricated containers. 2,337,125; Dec. 21.
- Page, John H., assignor to The Shaw-Walker Company, Muskegon, Mich. Typewriter desk. 2,311,861; Feb. 23.
- Page, John S., Long Beach, Calif. Combination rod safety joint and tubing drain. 2,332,748; Oct. 26.
- Page, John S., Long Beach, assignor of one-tenth to B. L. McLaughlin, Los Angeles, Calif. Tubing anchor. 2,332,749; Oct. 26.
- Page, John W., Chicago, Ill., assignor to Page Engineering Company. Brake control mechanism. 2,308,299; Jan. 12.
- Page, John W., Chicago, Ill. Bucket tooth. 2,311,463; Feb. 16.
- Page, Richard W. (See Roney, J. F., and Page.)
- Page, Ronald. (See Gombbridge, W. H., and Page.)
- Page, William, Cranford, N. J. Fur treating composition and process. 2,309,254; Jan. 26.
- Pagella, Elmer A. (See Curtiss, G. E., Jr., and Pagella.)
- Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Company. Drilling apparatus. 2,314,366; Mar. 23.
- Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Company. Drilling apparatus. 2,318,622; May 11.
- Pagnon, Louis E. H., Paris, France; vested in the Alien Property Custodian. Manufacture of cellular rubber. 2,332,870; Oct. 26.
- Pahl, Arno, Berlin-Stemensenstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reflector lamp. 2,337,833; Dec. 28.
- Pahlke, Hermann. (See Horenstein, S. H., and Pahlke.)
- Painement, Joseph, Pointe-Claire, Quebec, Canada. Loading and unloading mechanism for trucks. 2,318,886; May 11.
- Paige, Richard E., Flushing, N. Y. Display device. 2,337,126; Dec. 21.
- Paillard, E., et Cie S. A. (See Prezioso, Giuseppe, assignor.)
- Paille, Eugene, Los Angeles, assignor to General Controls Co., Glendale, Calif. Manual reset valve. 2,309,709; Feb. 2.
- Paille, Eugene, Los Angeles, assignor to General Controls Co., Glendale, Calif. Manual reset valve. 2,332,108; Oct. 19.
- Paine, Wilbur V., East Hartford, assignor to The Spencer Turbine Company, Hartford, Conn. Collector receptacles for vacuum cleaners. 2,326,731; Aug. 10.
- Painter, Frank F. (See Ballantine, E. J., and Painter.)
- Painter, Walter S., Middlebury, assignor to Waterbury Buckle Company, Waterbury, Conn. Stud-plate unit for hose supporters and the like. 2,328,486; Aug. 31.
- Painter, William B., Dearborn, Mich. Square. 2,315,004; Mar. 30.
- Painter, William H., Short Hills, N. J., assignor to Radio Corporation of America. Depositing phosphor materials. 2,328,292; Aug. 31.
- Pait, David E., Eustis, Fla. Game apparatus. 2,318,793; May 11.
- Pajeau, Charles H., Evanston, Ill., assignor to The Toy Tinkers, Inc. Toy construction block. 2,313,357; Mar. 9.
- Pal, George J., Beverly Hills, Calif. Motion picture. 2,327,059; Aug. 17.
- Palace Travel Coach Corporation. (See Arehart, David D., assignor.)
- Palanque, Clementine C. M., London, England. Short-hand typewriting machine. 2,318,519; May 4.
- Palardy, Andrew J., Avon, assignor to Jones & Vining, Inc., Brockton, Mass. Adjustable shoe tree. 2,322,053; June 15.
- Palmer, Arthur O., Denver, Colo. Quick reading caliper. 2,307,945; Jan. 12.
- Palko, Andrew J., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Air vent. 2,311,901; Feb. 23.
- Pallas, Leota T. (See Illmer, L., and (Pallas, assignor).)
- Pallas, Vernon R. (See Illmer, L., and Pallas.)
- Palm, Bernhard N. (See Johnson, C. E., Mendenhall, and Palm.)
- Palm, Bernhard N., San Marino, assignor to Sterling Electric Motors, Inc., Los Angeles, Calif. Ring-type variable-speed transmission. 2,336,799; Dec. 14.
- Palm, George H., assignor to Stewart-Warner Corporation, Chicago, Ill. Control valve. 2,314,553; Mar. 23.
- Palm, John V. O., Cleveland Heights, J. K. Anthony, Cleveland, and J. E. Wilkey, South Euclid, assignors to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Bearing. 2,322,771; June 29.
- Palm, Oscar A., Detroit, Mich. Metal cutting tool. 2,307,853; Jan. 12.
- Palmer, Albert. (See Kronoff, C. R., and Palmer.)
- Palmer, Benjamin F., Tulsa, Okla. Top center indicator for pistons. 2,320,192; May 25.
- Palmer, Charles E., Erie, Pa. Agitating means and method for filter beds. 2,309,916; Feb. 2.
- Palmer, Charles E., Erie, Pa. Filter agitating means and method. 2,309,917; Feb. 2.
- Palmer, Charles R., Amherst, Ohio. Stake plant marker. 2,330,080; Sept. 21.
- Palmer, Clinton D., and W. N. Lowe, River Forest, Ill. Vehicle control mechanism. 2,321,614; June 15.
- Palmer Company, The. (See Bruns, Anthony C., assignor.)
- Palmer, Frank D., Chicago, Ill., assignor to Sealtest, Inc., Baltimore, Md. Package. 2,307,854; Jan. 12.
- Palmer, Frank D., Chicago, Ill., assignor to Kraft Cheese Company. Package forming and filling apparatus. 2,309,209; Jan. 26.
- Palmer, Frank D., Chicago, Ill., assignor to Kraft Cheese Company. Package sealing apparatus. 2,331,927; Oct. 13.
- Palmer, Harry B., New York, N. Y. Educational toy. 2,312,773; Mar. 2.
- Palmer, Harry L., Schenectady, and G. W. Garman, Glenville, N. Y., assignors to General Electric Company. Electric control circuit. 2,310,112; Feb. 2.
- Palmer, John S., Chicago, Ill., assignor to International Harvester Company. Cooler construction. 2,318,414; May 4.
- Palmer, Raymond C., Chicago, Ill. Planer and shaper attachment for lathes. 2,321,413; June 8.
- Palmer, Richard W., Whittier, assignor to Vultee Aircraft, Inc., Downey, Calif. Airplane. 2,314,949; Mar. 30.
- Palmer, Richard W., Whittier, Calif., assignor to Vultee Aircraft, Inc. Hydraulic control system for aircraft. 2,315,270; Mar. 30.
- Palmer, Richard W., Whittier, assignor to Vultee Aircraft, Inc. Downey, Calif. Airplane wing construction. 2,330,185; Sept. 21.
- Palmer, Robert C. (See Oliver, A. F., and Palmer.)
- Palmer, Robert C., and C. H. Bibb, assignors to Newport Industries, Inc., Pensacola, Fla. Making allo-oimene. 2,325,422; July 27.
- Palmer, Robert T., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Air conditioning system utilizing refrigeration. 2,307,292; Jan. 5.
- Palmer, Robert T., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Air conditioning system utilizing refrigeration. 2,319,905; May 25.
- Palmer, Robert T., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Air conditioning system utilizing refrigeration. 2,320,978; June 1.
- Palmer, Robert T., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Air conditioning system utilizing refrigeration. 2,332,975; Oct. 26.
- Palmgren, Per G. (See Norgren, C. A., and Palmgren.)
- Palmieri, John, New York, N. Y. Spinning ball toy. 2,309,475; Jan. 26.
- Palmquist, Per O. E., assignor to Michigan Tool Company, Detroit, Mich. Lead checking fixture. 2,336,747; Dec. 14.
- Palmquist, Fritz L., Denver, Colo. Liquid reagent feeder. 2,311,862; Feb. 23.
- Palmrose, George V., and D. K. MacBain, assignors to Weyerhaeuser Timber Company, Longview, Wash. Sulphite process. 2,320,294; May 25.
- Palote, John J., Youngstown, Ohio. Adjustable hone. 2,332,463; Oct. 19.
- Palusco, Joseph. (See Haas, O., and Palusco.)
- Pampallona, Vincent, New York, N. Y. Bolt and nut. 2,336,121; Dec. 7.
- Pamplin, John W. (See Ellis, E. J., and Pamplin.)
- Panagopoulos, John, Youngstown, Ohio. Apparatus for dispensing beverages. 2,314,100; Mar. 16.
- Pangborn Corporation. (See Hamren, Eric O., assignor.)
- Pangborn Corporation. (See Huyett, Robert B., assignor.)
- Pangborn Corporation. (See Huyett, R. B., and Gossard, assignors.)

- Pangborn Corporation. (See Keefer, Walter L., assignor.)
- Pangborn Corporation. (See Rosenberger, William A., assignor.)
- Pangborn Corporation. (See Zimmerman, Harry R., assignor.)
- Panish, Erwin J., Bridgeport, Conn. Clutch control device. 2,323,619; July 6.
- Panish, Erwin J., Bridgeport, Conn. Control station. 2,326,796; Aug. 17.
- Panish, Erwin J., Bridgeport, Conn., assignor to Philadelphia Gear Works, Inc., Philadelphia, Pa. Valve control. 2,318,010; May 4.
- Panissidi, Hugo. (See Bailey, W. J. A., and Panissidi.)
- Panissidi, Hugo, Jamaica, assignor to International Business Machines Corporation, New York, N. Y. Meter construction. 2,319,432; May 18.
- Panissidi, Hugo, Jamaica, assignor to International Business Machines Corporation, New York, N. Y. Annunciator. 2,329,782; Sept. 21.
- Panissidi, Hugo, Jamaica, assignor to International Business Machines Corporation, New York, N. Y. Rotary switch. 2,335,529; Nov. 30.
- Panissidi, Hugo, Jamaica, assignor to International Business Machines Corporation, New York, N. Y. Meter construction. 2,335,787; Nov. 30.
- Pankonin, William G., Chicago, Ill. Feed mechanism for stapling machines. 2,311,412; Feb. 16.
- Pankratz, Howard J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Oil well pump. 2,311,863; Feb. 23.
- Papke, L. J., Howard J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Well pump. 2,329,359; Sept. 14.
- Pannier Bros. Stamp Co. (See Pannier, Ralph A., assignor.)
- Pannier, Ralph A., assignor to Pannier Bros. Stamp Co., Pittsburgh, Pa. Metal stamping die. 2,337,127; Dec. 21.
- Pannone, Giovanni. (See Mareca, G., and Pannone.)
- Panoptia (London) Limited. (See Gottfried, Siegfried, assignor.)
- Panoramic Laboratories, Inc. (See Wallace, Marcel, assignor.)
- Pantalone, Vincent R., Hamden, assignor to National Folding Box Company, New Haven, Conn. Display container. 2,324,232; July 13.
- Panzetta, Harry, Watford, assignor to Quick Telephone Number Reminder Limited, London, England. Book. 2,329,645; Sept. 14.
- Paslanantonio, Antonio, Providence, R. I., assignor to Colonial Knife Company, Inc. Knife. 2,320,648; Feb. 9.
- Pape, Larry, and M. Weintraub, assignors to The Milko Cone & Baking Co., Inc., Chicago, Ill. Dispensing package for ice cream cones. 2,323,841; July 6.
- Pape, Norman R. (See Baker, W. O., and Pape.)
- Paper Patents Company. (See Holcomb, Norval J., assignor.)
- Paper Patents Company. (See Kellett, W. R., and Brien assignors.)
- Paper Patents Company. (See Sawtell, Richard B., assignor.)
- Paper Patents Company. (See Voigtman, E. H., and Kellogg, assignors.)
- Paper Products. (See Tremblett, Verne K., assignor.)
- Papercraft Products, Inc. (See Rosenfeld, A. L., and Appar, assignors.)
- Papercrete Limited. (See Newbould, Maurice G. R., assignor.)
- Papierniak, Stanley, Amsterdam, N. Y. Sport jacket. 2,324,722; July 20.
- Papp, Andrew E., assignor to G & W Electric Specialty Co., Chicago, Ill. Electrical connection. 2,320,155; May 25.
- Pappas, Peter, New Haven, Conn. Coffee-making apparatus. 2,317,214; Apr. 20.
- Papulski, Alexander J., assignor to Armstrong Machine Works, Three Rivers, Mich. Humidifying system. 2,314,892; Mar. 30.
- Paquette, Herman, Chicago, Ill. Combined doughnut and biscuit cutter. 2,332,595; Oct. 26.
- Paquette, Norman O., Ottawa, Ontario, Canada. Lamp. 2,321,510; July 8.
- Paquin, Joseph N. (See Stecher, H. D., and Paquin.)
- Paquin, Joseph N., Euclid, Ohio, and J. D. Baldwin, Jr., Los Angeles, Calif., assignors to The Weatherhead Company, Cleveland, Ohio. Tank and valve assembly and making same. 2,335,694; Nov. 30.
- Para, John W., Elizabeth, assignor to David Kahn, Inc., North Bergen, N. J. Tool for assembling mechanical pencils. 2,313,928; Mar. 2.
- Para, John W., Elizabeth, assignor to D. Kahn, Inc., North Bergen, N. J. Pen. 2,337,343; Dec. 21.
- Paradise, Louis A. (See Anderson, R. L., Frederiksen, Johnson, and Paradise.)
- Paradise, Louis A. (See Stone, C. N., Green, and Paradise.)
- Paradise, Louis A., assignor to Deere & Company, Moline, Ill. Harvester platform. 2,324,171; July 13.
- Paradise, Louis A., assignor to Deere & Company, Moline, Ill. Threshing mechanism. 2,327,287; Aug. 17.
- Paradise, Louis A., and N. F. Andrews, assignors to Deere & Company, Moline, Ill. Snapping roll. 2,308,102; Jan. 12.
- Paradise, Raymond P., Indianapolis, Ind. Irrigating pipe oscillator. 2,324,947; July 20.
- Paraffine Companies, The. (See Cohen, S. A., and Melgaard, assignors.)
- Paragon Revolute Corporation. (See Sullivan, Harry H., assignor.)
- Paramount Textile Machinery Co. (See Dunn, George E., assignor.)
- Paramount Textile Machinery Co. (See Meade, John L., assignor.)
- Paramount Textile Machinery Co. (See Presser, T. W., Wahlbeck, Oswald, and Kleinfeld, assignors.)
- Paramount Textile Machinery Co. (See Richter, H., Wahlbeck and Kleinfeld.)
- Parcelle, Alvin J., trustee, et al. (See Watson, Sydney C.)
- Pargman, Isaac, Paterson, and J. Spielman, East Orange, N. J. Automatic electric vaporizer. 2,331,928; Oct. 19.
- Par, Robert E., assignor to International Business Machines Corporation, New York, N. Y. Paper feeding device. 2,315,731; Apr. 6.
- Park Chemical Company. (See Kramer, P. H., and Stelgerwald, assignors.)
- Park Chemical Company. (See Luzius, Russell W., assignor.)
- Park, Iverett O., Albany, Oreg. Rearview mirror for vehicle. 2,330,444; Sept. 28.
- Park, Joseph D. (See Benning, A. F., and Park.)
- Park, Malcolm S., Mount Kisco, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Supporting base for electric scissors. 2,316,486; Apr. 13.
- Park, Robert H. (See Kienle, R. H., Park, Benbrook, and Grieb.)
- Park, Robert H., Washington, D. C., assignor to American Cyanamid Company, New York, N. Y. Synchronous generator and motor stabilization. 2,328,996; Sept. 7.
- Park, Tracy S., Houston, Tex. Cleat for use on athletic shoes. 2,309,783; Feb. 2.
- Park, Tracy S., Houston, Tex. Piston. 2,315,012; Mar. 30.
- Park, Tracy S., Houston, Tex. Athletic shoe pad. 2,336,632; Dec. 14.
- Park, William, Toronto, Ontario, Canada. Planetarium. 2,318,961; May 11.
- Parke, Davis & Company. (See Feinberg, Joseph G., assignor.)
- Parke, Davis & Company. (See Friedhelm, Ernst A. H., assignor.)
- Parke, Davis & Company. (See Hamilton, Cliff S., assignor.)
- Parke, Davis & Company. (See Henze, Henry R., assignor.)
- Parke, Davis & Company. (See Kamm, W. F., and Tully, assignors.)
- Parke, Davis & Company, et al. (See King, C. G., and White, assignors.)
- Parke, Davis & Company. (See Marker, Russell E., assignor.)
- Parke, Davis & Company. (See Tendick, F. H., and Lawson, assignors.)
- Parke, Peter, assignor to The Pullman Company, Chicago, Ill. Rail car. 2,309,665; Feb. 2.
- Parke, Peter, assignor to The Pullman Company, Chicago, Ill. Railway car. 2,312,847; Mar. 2.
- Parke, Peter, assignor to The Pullman Company, Chicago, Ill. Railway sleeping car. 2,316,710; Apr. 13.
- Parke, Peter, Chicago, J. K. Tully, Evanston, L. Anderson, Chicago, and B. E. Jones, Flossmore, assignors to The Pullman Company, Chicago, Ill. Coach-sleeper vehicle. 2,323,620; July 6.
- Parke, Peter, and C. H. Apel, assignors to The Pullman Company, Chicago, Ill. Folding washbasin. 2,334,951; Nov. 23.
- Parker, Arthur H. (See Sebell, Harry, assignor.)
- Parker, Arthur L. (See Bates, Alfred O., assignor.)
- Parker, Arthur L. (See Henker, H. W., and Fuhrman, assignors.)
- Parker, Arthur L., Cleveland, Ohio. Valve assembly. 2,308,300; Jan. 12.
- Parker, Arthur L., Cleveland, Ohio. Forming standard blanks and a variety of finished units therefrom. 2,309,666; Feb. 2.
- Parker, Arthur L., Cleveland, Ohio. Engine primer. 2,310,078; Feb. 16.
- Parker, Arthur L., Cleveland, Ohio. Valve assembly. 2,311,464; Feb. 16.
- Parker, Arthur L., Cleveland, Ohio. Valve assembly. 2,311,465; Feb. 16.
- Parker, Arthur L., Cleveland, Ohio. Antiseize lubricating compound for threads and its preparation. 2,311,772; Feb. 23.
- Parker, Arthur L., Cleveland, Ohio. Valve assembly for fuel systems. 2,314,512; Mar. 23.
- Parker, Arthur L., Cleveland, Ohio. Tube coupling. 2,316,806; Apr. 20.
- Parker, Arthur L., Cleveland, Ohio. Valve assembly. 2,318,962; May 11.
- Parker, Arthur L., Cleveland, Ohio. Valve assembly. 2,318,963; May 11.
- Parker, Arthur L., Cleveland, Ohio. Valve assembly. 2,318,964; May 11.
- Parker, Arthur L., Cleveland, Ohio. Sealing and locking threads. 2,321,414; June 8.
- Parker, Arthur L., Cleveland, Ohio. Coupling. 2,322,877; June 29.

- Parker, Arthur L., Cleveland, Ohio. Priming valve assembly. 2,323,416; July 6.
- Parker, Arthur L., Cleveland, Ohio. Valve for fuel tanks. 2,324,464; July 20.
- Parker, Beatrice, Brooklyn, N. Y. Portable folding ironing board. 2,328,062; Aug. 3.
- Parker, Arthur L., Cleveland, Ohio. Conduit fitting. 2,327,449; Aug. 24.
- Parker, Arthur L. Rue, Cleveland, Ohio. Liquid sealing compound. 2,327,450; Aug. 24.
- Parker, Arthur L., Cleveland, Ohio. Tube coupling. 2,330,841; Oct. 6.
- Parker, Arthur L., Cleveland, Ohio. Sump selector valve for fuel tanks. 2,332,007; Oct. 19.
- Parker, Arthur L., Cleveland, Ohio. Assembling tool. 2,333,120; Nov. 2.
- Parker, Arthur L., Cleveland, Ohio. Valve assembly. 2,333,070; Nov. 9.
- Parker, Arthur L., Cleveland, Ohio. Sealing and anti-seize composition and article coated therewith. 2,335,958; Dec. 7.
- Parker, Arthur L., and H. E. Hull, Cleveland, Ohio; said Hull assignor to said Parker. Tube bending jig. 2,312,121; Feb. 23.
- Parker, Arthur L., and H. E. Hull, Cleveland, Ohio; said Hull assignor to said Parker. Pipe bender. 2,312,122; Feb. 23.
- Parker, Arthur L., W. Margrave, and J. N. Wolfram, Cleveland, Ohio; said Margrave and said Wolfram, assignors to said Parker. Tube coupling. 2,316,711; Apr. 13.
- Parker, Arthur L., and J. N. Wolfram, Cleveland, Ohio; said Wolfram assignor to said Parker. Valved coupling. 2,318,965; May 11.
- Parker, Camille, Montague City, Mass. Firearm lock. 2,327,334; Aug. 17.
- Parker, Carlyle V. (See Meacham, L. A., and Parker.)
- Parker, Charles Company, The. (See Gearing, Charles M., assignor.)
- Parker, Charles F. Mentor, assignor to The Halle Brothers Company, Cleveland, Ohio. Showcase molding. 2,336,416; Dec. 7.
- Parker, Clarence E., assignor to The Coo Manufacturing Company, Painesville, Ohio. Lath breaker. 2,311,995; Feb. 23.
- Parker, Clark W., Dobbs Ferry, N. Y. Dual tire inflater. 2,317,636; Apr. 27.
- Parker, Claude E., assignor to Gas Products Corporation, Chicago, Ill. Burner assembly. 2,307,063; Jan. 5.
- Parker, Claude E., assignor to Gas Products Corporation, Chicago, Ill. Gas burner. 2,311,994; Feb. 23.
- Parker, Elgin R. (See Maynard, James, assignor.)
- Parker, Frank O., assignor to Acme Steel & Malleable Iron Works, Inc., Buffalo, N. Y. Road joint support. 2,319,513; May 18.
- Parker, George W., Jr., assignor to Specialty Engineering Company, Philadelphia, Pa. Truck body. 2,318,794; May 11.
- Parker, George W., Jr., assignor to Specialty Engineering Company, Philadelphia, Pa. Advertising sign. 2,324,872; July 20.
- Parker, Henry C., et al. (See Thompson, Louis T. E., assignor.)
- Parker, Herbert C., Jr., New Orleans, La. Cushion. 2,307,331; Jan. 5.
- Parker, Humphrey F., Kenmore, N. Y. Automatic steering control system. 2,328,670; Sept. 7.
- Parker, Humphrey F., Kenmore, and E. E. Robins, assignors to Columbus McKinnon Chain Corp., Tonawanda, N. Y. Hook block. 2,317,215; Apr. 20.
- Parker, Humphrey F., Kenmore, E. E. Robins, Tonawanda, and L. B. Gilbert, Kenmore, assignors to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Load brake. 2,325,917; Aug. 3.
- Parker, John W., Detroit, Mich. Bearing. 2,316,449; Apr. 13.
- Parker, Joseph V., assignor to Callaway Mills, La Grange, Ga. Tuffing machine. 2,330,615; Sept. 28.
- Parker, Laurie F., Noroton, Conn., and A. Hanger, Richmond, Ky. Target throwing apparatus. 2,310,746; Feb. 9.
- Parker, Orrel A. (See Holt, John W., assignor.)
- Parker Pen Company, The. (See Hull, Philip C., assignor.)
- Parker Pen Company, The. (See Jendressen, Otto, assignor.)
- Parker Pen Company, The. (See Pickus, Milton R., assignor.)
- Parker Pipe Company Limited. (See Howdle, James T., assignor.)
- Parker Products Corporation. (See Parker, R. A., Kiessling, M., and M. J. assignors.)
- Parker, Ralph A., Melrose, assignor to Thomas Taylor & Sons, Inc., Hudson, Mass. Footwear. 2,311,996; Feb. 23.
- Parker, Richard W. (See Weiss, C. R., and Parker.)
- Parker, Robert P., Somerville, N. J., assignor to American Cyanamid Company, New York, N. Y. Preparation of biguanide, guanyleurea, and their substitution products. 2,330,376; Sept. 28.
- Parker, Roy T., Cleveland Heights, Ohio. Fluid dispensing means. 2,330,616; Sept. 28.
- Parker Rust-Proof Company. (See Clifford, W. J., and Adams, assignors.)
- Parker Rust-Proof Company. (See Curtin, Leo P., assignor.)
- Parker Rust Proof Company. (See Lodeesen, Herman J., assignor.)
- Parker Rust Proof Company. (See Lodeesen, H. J., and Ward, assignors.)
- Parker Rust Proof Company. (See Thompson, John S., assignor.)
- Parker Rust-Proof Company. (See Thompson, J. S., and Goodspeed, assignors.)
- Parker, Rutledge A., M. and M. J. Kiessling, assignors to Parker Products Corporation, Waterbury, Conn. Upholstery construction. 2,330,617; Sept. 28.
- Parker, Sydney M., assignor to Automotive Products Company Limited, Leamington Spa, England. Landing gear for aircraft. 2,329,441; Sept. 14.
- Parker, Sydney M., assignor to Automotive Products Company Limited, Leamington Spa, England. Landing gear for aircraft. 2,333,550; Nov. 2.
- Parker, Victor L., Cedar Falls, Wash. Bulb grading machine. 2,316,986; Apr. 20.
- Parker, Waverd D., Bay Village, Ohio, assignor to Elwell-Parker Electric Company, Controller for industrial trucks. 2,307,946; Jan. 12.
- Parker, William W. (See McFarlan, W. D., and Parker.)
- Parker, William W., Irwin, and R. D. Evans, Swissvale, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulator system. 2,307,536; Jan. 5.
- Parker, William W., Irwin, and H. P. Peters, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Selective circuit metering device. 2,315,649; Apr. 6.
- Parker-Wolverine Company. (See Thaxton, Burnise E., assignor.)
- Parkes, George L., Lyons, Pa. Device for installing electrical wall fixtures. 2,329,481; Sept. 14.
- Parkes, Ralph C., Glenside, Pa. Drying apparatus for cloth and the like. 2,331,042; Oct. 5.
- Parkhurst, Frederic A. (See Derby, E. R., and Parkhurst.)
- Parkhurst, Frederic A., Suffield, Conn., assignor to Monsanto Chemical Company. Manufacture of threaded containers. 2,313,031; Mar. 2.
- Parkhurst, Frederic A., Suffield, Conn., assignor to Monsanto Chemical Company. Producing plastic containers. 2,315,648; Mar. 20.
- Parkhurst, Frederic A., Bethesda, Md., assignor, by mesne assignments, to Monsanto Chemical Company. Apparatus for forming sheets of plastic material. 2,315,477; Mar. 30.
- Parkhurst, George L., assignor to Standard Oil Company, Chicago, Ill. Processing well fluids. 2,324,172; Jan. 12.
- Parkin, Victor, Los Angeles, Calif. Nursing bottle valve. 2,321,236; June 8.
- Parkinson, David B. (See Lovell, C. A., Mallina, and Parkinson.)
- Parkinson, David B., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,307,537; Jan. 5.
- Parkinson, John S., and W. A. Jack, 8rd, North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Sound-absorbing structure. 2,334,502; Nov. 16.
- Parkinson, Leonard, Park Falls, Wis. Paper-coating apparatus. 2,320,883; June 1.
- Parkinson, Roy W., assignor to F. C. Smith, Buffalo, N. Y. Ash container. 2,311,968; Feb. 16.
- Parks, Frank H., Portland, Oreg. Protractor. 2,316,534; Apr. 13.
- Parks, Paul B., Oak Park, and W. R. Peterson, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Solenoid inlet valve. 2,310,745; Feb. 9.
- Parks, Paul B., Oak Park, and T. J. Lehane, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Temperature regulating and ventilating system. 2,323,236; June 29.
- Parks, Walter J., Shaker Heights, Ohio. Screening apparatus. 2,311,279; Feb. 16.
- Parks, Walter J., Shaker Heights, Ohio. Gyrotory screen. 2,313,765; Mar. 16.
- Parks and Wolskel Machine Company. (See Hadley, Wilfred N., assignor.)
- Parkton, George W., Dalton, assignor of one-third to G. Brundage, Great bend, Pa. Boiler. 2,315,451; Mar. 30.
- Parlini, Alexander C. (See Jackson, C. S., Parlini, and Hascher.)
- Parmenter, Frank D., Toronto, Ontario, Canada. Divider strip and supporting bracket therefor. 2,332,109; Oct. 19.
- Parmenter, Frank D., Toronto, Ontario, Canada. Preformed sheet or strip of constructional material. 2,336,565; Dec. 14.
- Parnell, Frank G., assignor to Automotive Products Company Limited, Leamington Spa, England. Brake for vehicles. 2,316,430; Apr. 13.
- Parr, Bernard A., East Sheen, London, England, assignor to Tinnerman Products, Inc., Cleveland, Ohio. Sheet metal nut. 2,318,708; May 11.
- Parr, Bernard A., East Sheen, London, assignor to The Houghton-Butcher Manufacturing Company, Limited, London, England. Focussing device for roll-film cameras. 2,333,737; Nov. 9.

- Parr, James E., et al. (See Green, Clarence W., assignor.)
- Parr, Josephus O., Jr. (See Petty, O. S., and Parr.)
- Parr, Josephus O., Jr., assignor to O. S. Petty, San Antonio, Tex. Transducer. 2,311,079; Feb. 16.
- Parr, Josephus O., Jr., assignor to O. S. Petty, San Antonio, Tex. Selmic circuit. 2,331,623; Oct. 12.
- Parr, Josephus O., Jr., assignor to O. S. Petty, San Antonio, Tex. Method of and apparatus for selmic surveying. 2,331,624; Oct. 12.
- Parr, Warren S., United States Navy, and M. F. Peters, Beltsville, Md. Liquid cooling device. 2,313,087; Mar. 9.
- Parrish, Alan J., Paris, Ill. Earth boring machine. 2,319,512; May 18.
- Parrish, Hale W., assignor to W. H. Gale, South Bend, Ind. Surface treating device. 2,332,251; Oct. 19.
- Parrott, Robert D. (See Wise, R. J., and Parrott.)
- Parrott, Robert D. (See Wise, R. J., Stewart, and Parrott.)
- Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Trimmer mechanism for sewing machines. 2,308,470; Jan. 12.
- Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rotary take-up for sewing machines. 2,314,513; Mar. 23.
- Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,324,873; July 20.
- Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Stitch-forming mechanism for sewing machines. 2,327,817; Aug. 21.
- Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Loop-taker and feed-actuating mechanism for sewing machines. 2,332,438; Nov. 22.
- Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rotary loop-taker mechanism for sewing machines. 2,334,644; Nov. 16.
- Parry, Frank, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Loop-taker mechanism for sewing machines. 2,336,368; Dec. 7.
- Parry, Willet, Berkeley, assignor to Ervin G. Johnson, Oakland, Cal., as trustee. Affecting plant life processes. 2,308,204; Jan. 12.
- Parshad Holding Corporation et al. (See Tilson, Claude D., assignor.)
- Parson, Donald, Jr., Youngstown, Ohio. Light controlled apparatus. 2,336,633; Dec. 14.
- Parson, Leo R., Skakaloos, Iowa. Crankcase servicing device. 2,326,048; May 25.
- Parsons, Alexander, assignor to Pillsbury Flour Mills Company, Minneapolis, Minn. Pouring spout. 2,330,310; Sept. 28.
- Parsons, Alfred H., San Francisco, Calif. Tonometer. 2,314,514; Mar. 23.
- Parsons, Ben G., Detroit, Mich., assignor to American Inisch Corporation, Springfield, Mass. Multicylinder liquid pump assembly. 2,332,665; Oct. 26.
- Parsons, Ben G., Detroit, Mich., assignor to American Bosch Corporation, Springfield, Mass. Fuel injection nozzle. 2,336,032; Dec. 7.
- Parsons, Bruce M., San Gabriel, Calif. Frankfurter roaster. 2,324,233; July 13.
- Parsons, Clinton H., assignor to Industrial Patents Corporation, Chicago, Ill. Coating composition. 2,322,198; June 15.
- Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Pattern controlled copying machine. 2,335,304; Nov. 30.
- Parsons, Fred A., Milwaukee, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool transmission and control mechanism. 2,335,305; Nov. 30.
- Parsons, Harrison O., Houston, Tex. Device for gauging liquids in containers under pressure. 2,322,660; June 22.
- Parsons, James A., Jr., and E. Ryder, assignors to The Duriron Company, Inc., Dayton, Ohio. Cementation process of treating metal. 2,318,011; May 4.
- Parsons, John A., and W. E. Vawter, Balmbridge, assignors to American Plastics Corporation, New York, N. Y. Making casein plastic products and apparatus therefor. 2,332,829; Oct. 26.
- Parsons, John B., Toledo, Ohio. Regulator for vehicle windows or the like. 2,311,864; Feb. 23.
- Parsons, John S., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical distribution system. 2,317,552; Apr. 27.
- Parsons, John S., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical distribution system. 2,329,132; Sept. 7.
- Parsons, John S., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical distribution system. 2,331,223; Oct. 5.
- Parsons, Joseph R., Gypsum, Ohio, assignor to United States Gypsum Company, Chicago, Ill. Reinforced ceramic material. 2,307,352; Jan. 5.
- Parsons, Llewellyn B., Arlington, Mass., assignor to The Cudahy Packing Company, Chicago, Ill. Apparatus for preserving food products. 2,309,007; Jan. 19.
- Parsons, Osborne H., et al. (See Jeffrey, Joseph G., assignor.)
- Parsons, Philip D., Swarthmore, assignor to Scott Paper Company, Chester, Pa. Dispensing machine. 2,316,182; Apr. 13.
- Parsons, Robert J., Schenectady, assignor to Consolidated Car Heating Company, Inc., Albany, N. Y. Heating. 2,319,704; May 18.
- Parsons, Robert J., Schenectady, assignor to Consolidated Car Heating Company, Inc., Albany, N. Y. Heating and ventilating system. 2,322,654; June 15.
- Parsons, Stuart W., assignor to The Stanley Works, New Britain, Conn. Box construction. 2,311,960; Feb. 23.
- Parsons, Stuart W., assignor to The Stanley Works, New Britain, Conn. Box binding strip. 2,311,961; Feb. 23.
- Parsons, Stuart W., assignor to The Stanley Works, New Britain, Conn. Counterbalance for overhead doors. 2,314,015; Mar. 16.
- Parth, Walter A., New Canaan, Conn., assignor of one-half to Richard C. Webster, Baltimore, Md. Leash harness. 2,333,488; Nov. 2.
- Partington, Edward J. (See Mock, F. C., and Partington.)
- Partridge, Winfield, Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Curing of non-sensitizing photographic emulsions. 2,337,344; Dec. 21.
- Partridge, Winfield, Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Promoting the adherence of cellulose ester emulsions onto film bases. 2,337,345; Dec. 21.
- Parva Products Company. (See White, Paul W., assignor.)
- Parvin, Edward G., Roselle, assignor to Synchro Machine Company, Chicago, N. J. Strand spooling machine. 2,332,393; Oct. 19.
- Parvin, Edward G., Roselle, assignor to Synchro Machine Company, Railway, N. J. Pull block. 2,333,387; Nov. 2.
- Par-X-Placer Equipment Co. (See Strain, Herbert G., assignor.)
- Paschel, Guy S., New Rochelle, assignor to himself and J. R. Adams, New York, N. Y., jointly. Method and composition for the treatment of air. 2,326,072; Aug. 10.
- Paschen, Paul. (See Ewald, W., Paschen, and Uffinger.)
- Paschke, Erich, Berlin-Neuköln, Germany; vested in the Allen Property Custodian. Wave band switching. 2,311,124; Feb. 16.
- Pasucci, Eugenio, Hamilton Township, Mercer County, near Trenton, N. J. Grinding machine. 2,310,880; Apr. 20.
- Pasek, Walter L., St. Louis, Mo., assignor to Louis Marx & Company, Inc., New York, N. Y. Toy. 2,322,541; June 22.
- Pash, Robert, Roselle, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Annular article. 2,327,211; Aug. 17.
- Pasinski, Walter J., Howell, assignor to Burroughs Adding Machine Company, Detroit, Mich. Spool. 2,322,055; June 15.
- Paslay, Le Roy C., Chicago, Ill., assignor to National Geophysical Company. Signal controlled amplifier. 2,319,826; May 18.
- Pasquero, Peter C., Lanark, Pa. Creel apparatus. 2,325,974; Aug. 3.
- Pass & Seymour, Inc. (See Brooks, John W., assignor.)
- Pass & Seymour, Inc. (See Despard, Victor R., assignor.)
- Pass & Seymour, Inc. (See Russell, Mark N., and Keilich, assignors.)
- Passa, Edward P. (See Passa, John F., assignor.)
- Passa, John F., assignor to E. P. Passa, Oslo, Minn. Beet loader. 2,325,704; Aug. 3.
- Pasquante, Patrick E., and F. Santagata, Brooklyn, N. Y. Tire remover. 2,319,155; May 11.
- Pasternack, Richard, Islip, and R. A. Patelski, Flushing, assignors to Charles Pfizer & Company, Brooklyn, N. Y. Preparation of carboxylic acid esters and lactone. 2,308,385; Jan. 12.
- Pasternack, Richard, Brooklyn, and E. V. Brown, Cold Spring Harbor, assignors to Charles Pfizer & Company, Brooklyn, N. Y. Purification of riboflavin. 2,324,800; July 20.
- Pasternack, Richard, Islip, and E. V. Brown, Cold Spring Harbor, assignors to Charles Pfizer & Company, Brooklyn, N. Y. Acetylated sugar compound. 2,332,666; Oct. 26.
- Patuki, Dones, et al. (See Wallace, William D., assignor.)
- Patch, Albert C., Topeka, Kans. Elastic collar holder. 2,331,625; Oct. 12.
- Patch, Allen J., Ripon, Wis. Ironing machine. 2,311,509; Feb. 16.
- Patch, Allen J., Ripon, Wis. Oscillating impulsing means for washing machines and the like. 2,312,581; Mar. 2.
- Patch, Allen J., Ripon, Wis. Constant pressure wringer. 2,316,281; Apr. 13.
- Patch, Allen J., Ripon, Wis. Centrifugal separator. 2,331,565; Oct. 12.
- Patch, Harold K., Hermosa Beach, assignor to Crossfield Products Corp., Los Angeles, Calif. Composite protective coating. 2,335,959; Dec. 7.
- Patch, Orin G., Collee Dam, Wash. Porous concrete construction and method of making the same. 2,315,732; Apr. 6.

- "Patchem" A.-G. Zur Beteiligung an Patenten und sonstigen Erfindungsrechten auf Chemische Verfahren. (See Gelendien, W., and Eggert, assignors.)
- "Patchem" A.-G. Zur Beteiligung an Patenten und sonstigen Erfindungsrechten auf Chemische Verfahren." (See Hentrich, W., Kaiser and Endres, assignors.)
- "Patchem" A.-G. zur Beteiligung an Patenten und sonstigen Erfindungsrechten auf Chemische Verfahren. (See Hueter, Richard, assignor.)
- Patchett, George W., Egham, England. Percussion fuse for projectiles. 2,322,543; June 22.
- Pate, Sherman E., assignor to Permo Products Corporation, Chicago, Ill. Phonograph stylus. 2,326,389; Aug. 10.
- Pate, Walker M., and Harvey E. Burgdorf, Ferguson, Mo. Fuel injection system. 2,316,887; Apr. 20.
- Patek, John M., assignor to Eastman Kodak Company, Rochester, N. Y. Flotation process. 2,331,722; Oct. 12.
- "Patelhold" Patentverwertungs- und Elektro-Holding A.-G. (See Guanella, G., Ernest, Lindecker, and Gabriel, assignors.)
- "Patelhold" Patentverwertungs & Elektro-Holding A. G. (See Lüdl, Fritz, assignor.)
- "Patelhold" Patentverwertungs- & Elektro-Holding A.-G. (See Schwartz, Jean, assignor.)
- Patselski, Ray A. (See Pastercrank, R., and Patselski.)
- Patent Button Company, The. (See Dresser, Willis R., assignor.)
- Patent Button Company, The. (See Hart, D. S., and Cronk, assignors.)
- Patent Button Company, The. (See Peterson, Frederick H., assignor.)
- Patent Button Company, The. (See Purinton, Forrest G., assignor.)
- Patent and Licensing Corporation, The. (See Jaros, Frank P., assignor.)
- Patent and Licensing Corporation, The. (See Groskopf, Edwin O., assignor.)
- Patent Developers, Inc. (See Knoblock, Frederick D., assignor.)
- Patent Developers, Inc. (See Myers, Albert F., assignor.)
- Patent, G. G., Company, The. (See Grunberg, George, assignor.)
- Patent License Corporation. (See Arenberg, Albert L., assignor.)
- Patent License Corporation. (See Nordquist, Robert G., assignor.)
- Patent License Corporation. (See Zimmerman, Edward C., assignor.)
- Patent Royalties, Inc. (See Goetz, Herbert W., assignor.)
- Patents Research Corporation. (See Bach, Henry M., assignor.)
- Patents Research Corporation. (See Boucke, Heinz, assignor.)
- Patents Research Corporation. (See Dublier, William, assignor.)
- Patents Research Corporation. (See Unger, William H., assignor.)
- Paterek, William. (See Atwood, F. C., and Paterek.)
- Paton, Alexander, Buffalo, N. Y. Producing bar sections from metal scrap. 2,333,271; Nov. 2.
- Patterson, Raymond L., assignor to Powder Metals and Alloys, Inc., New York, N. Y. Furnace. 2,331,419; Oct. 12.
- Patterson Engineering Company Limited, The. (See Royce, John G., assignor.)
- Patterson, William J., Newton Highlands, assignor to Lever Brothers Company, Cambridge, Mass. Hydrogenating edible oils. 2,307,065; Jan. 6.
- Patey Enterprises, et al. (See Bills, I. E., and Patey, assignors.)
- Patey, William B. (See Bills, I. E., and Patey.)
- Patnode, Wilton I., Schenectady, N. Y., assignor to General Electric Company. Electrical insulation. 2,327,212; Aug. 17.
- Pato, Argimiro Rodriguez, Habana, Cuba. Rotating pump. 2,321,934; June 15.
- Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle power transmission control. 2,317,216; Apr. 20.
- Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,322,661; June 22.
- Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle antenna. 2,334,503; Nov. 16.
- Paton, Frederick J. (See Murphy, E. A., Paton, and Ansell.)
- Patrick, Joshua, Detroit, Mich. Tool. 2,313,963; Mar. 16.
- Patrick, Wilbur W., New Castle, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Composite metal. 2,312,582; Mar. 2.
- Patten, Harry B. (See Holmgren, E. A., and Patten.)
- Patten, Walter E., Catonsville, Md. Tube fitting. 2,323,099; June 29.
- Patterson-Ballagh Corporation. (See Ballagh, James G., assignor.)
- Patterson-Ballagh Corporation. (See Miller de Mont G., assignor.)
- Patterson, Charles W. (See Knill, F., and Schulte, assignors.)
- Patterson, Donald G., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Surface covering compositions containing synthetic resins and producing same. 2,322,542; June 22.
- Patterson, Edgar W., Long Beach, Calif. Gear unit. 2,314,695; Mar. 23.
- Patterson, Edward H., Jr., Troy, N. Y. Glove. 2,309,476; Jan. 26.
- Patterson, Edward H., Jr., Troy, N. Y. Golf glove. 2,309,710; Feb. 2.
- Patterson, Harry R., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Take-up mechanism. 2,320,295; May 23.
- Patterson, Henry M., Baltimore, Md. Street sign. 2,316,539; Apr. 13.
- Patterson, Herbert F. (See Neracher, C. A., Patterson, Iavelli, Bucy, Szyrov, and Baker.)
- Patterson, Herbert F., assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,309,864; Feb. 2.
- Patterson Industries Incorporated. (See Patterson, William N., assignor.)
- Patterson, James R., Scotia, and J. R. Reid and H. A. Letteron, Schenectady, N. Y., assignors to General Electric Company. Insulated conductor. 2,337,920; Dec. 28.
- Patterson, John A., Westfield, N. J., assignor to Standard Oil Development Company. Purification of ketones. 2,337,489; Dec. 21.
- Patterson, Joseph C., Jr., Alexandria, Va. Sheave and pressure rider. 2,326,670; Aug. 10.
- Patterson, Joseph C., Jr., Alexandria, Va. Sheave and pressure rider. 2,326,671; Aug. 10.
- Patterson, Joseph C., Jr., Alexandria, Va. Automatic tension hoist equipment. 2,335,079; Nov. 23.
- Patterson, Lemuel C., Fairview, Okla. Pressing clamp. 2,308,205; Jan. 12.
- Patterson, Morehead, New York, N. Y., assignor to American Machine and Foundry Company. Pin setter for bowling alleys. 2,316,183; Apr. 13.
- Patterson, Ray A., San Diego, Calif. Grain distributor. 2,333,332; Nov. 2.
- Patterson, Raymond L., assignor, by mesne assignments, to Powder Metals and Alloys, Inc., New York, N. Y. Ore dressing. 2,307,064; Jan. 5.
- Patterson, Raymond L., assignor to Powder Metals and Alloys, Inc., New York, N. Y. Heat-treatment apparatus. 2,326,163; Aug. 10.
- Patterson, Raymond L., assignor to Powder Metals and Alloys, Inc., New York, N. Y. Reduction of finely divided metal compounds. 2,334,434; Nov. 16.
- Patterson, Robert R., Grosse Pointe, and A. Trueman, assignors to Mechanical Handling Systems, Inc., Detroit, Mich. Folding frame structure. 2,334,435; Nov. 16.
- Patterson, Robert W. (See Schenck, J. F., Jr., and Patterson.)
- Patterson, Russell M., Chicago, Ill. Insulation blowing machine. 2,311,773; Feb. 23.
- Patterson-Sargent Company, et al. (See Hose, W. O., and Zurcher, assignors.)
- Patterson, Thomas K. (See Cortella, Alphonse, assignor.)
- Patterson, Walter A. (See Brouwer, B. W., and Patterson.)
- Patterson, William N., assignor to Patterson Industries Incorporated, Detroit, Mich. Windshield protector and cleaner for airplanes. 2,312,187; Feb. 23.
- Patterson, William N., Detroit, assignor, by mesne assignments, to The Sparks-Withington Company, Jackson, Mich. Suction cleaner. 2,324,422; July 13.
- Pattilloch, Donald K. (See Fowler, G. B., and Pattilloch.)
- Patton, Frank L., West Orange, N. J., assignor to Signal Service Corporation. Reflecting unit. 2,337,167; Dec. 21.
- Patton, James E., Shelbyville, assignor to Davenport-Woolsey Processing Corporation, Chattanooga, Tenn. Knitted fabric. 2,330,445; Sept. 28.
- Patton, John W. (See Horton, R. H., and Patton.)
- Patton, Matthew W., Portland, Oreg. Pollination of trees. 2,324,801; July 20.
- Patton, Thomas N., Memphis, Tenn. Mattress stitching machine. 2,335,960; Dec. 7.
- Patz, Paul, Pound, Wis. Power attachment for compost carriers. 2,312,183; Feb. 23.
- Patzer, William, and W. A. Tratsch, Chicago, Ill. Coin chute. 2,310,596; Feb. 9.
- Patzer, William, and W. A. Tratsch, Chicago, Ill. Coin and check separator. 2,318,520; May 4.
- Patzer, William, and W. A. Tratsch, Chicago, Ill. Coin tester. 2,321,153; June 8.
- Patzer, William, and W. A. Tratsch, Chicago, Ill. Coin chute. 2,326,673; Aug. 10.
- Patzschke, Willi K., Klein-Machnow, near Berlin, and O. Wohlfarth, Berlin-Schöneberg, Germany, assignors to General Electric Company. High-frequency iron core. 2,318,415; May 4.
- Paudler, Gilbert O. (See Robertson, Jack D., assignor.)
- Paul, William V., executrix. (See Smith, F. F., and Paul, assignor.)
- Paul, Charles H. (See Smith, F. F., and Paul.)
- Paul, Dan, Port Arthur, Tex. Guard for welding tool. 2,337,767; Dec. 28.

- Paul, H. Erich, Berlin, Germany; vested in the Allen Property Custodian. Measuring arrangement adapted to check out measure misshooting. 2,323,076; June 29.
- Paul, Hugh W. and W. J. Bates, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Wall joint. 2,307,293; Jan. 5.
- Paul, John A., Berkeley, Calif. Manual means for propelling lifeboats. 2,308,101; Jan. 12.
- Paul, John E., South Orange, N. J., assignor to United States Radium Corporation, New York, N. Y. Luminescent marker. 2,324,532; July 20.
- Paul, Philip T., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Anti-oxidants. 2,320,745; June 1.
- Paul, Philip T., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Anti-oxidants. 2,320,746; June 1.
- Paul, Philip T., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Amino diaryl dialkyl cyclobutane. 2,321,935; June 15.
- Paul, Talbert W., assignor to Deere & Company, Moline, Ill. Coupler. 2,325,271; July 27.
- Paul, Talbert W., assignor to Deere & Company, Moline, Ill. Slip clutch. 2,330,734; Sept. 28.
- Paul, Talbert W., assignor to Deere & Company, Moline, Ill. Grain drill. 2,336,411; Dec. 7.
- Pauli, Charles D., Jr., St. Louis, Mo. Wall tile. 2,323,417; July 6.
- Paulsen, Hans C., Medford, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for applying stiffening composition to shoe parts. 2,332,008; Jan. 19.
- Paulsen, Henry C., Elizabeth, N. J., assignor to Standard Oil Development Company. Refining petroleum oils. 2,324,948; July 20.
- Paulsen, Henry C., Elizabeth, N. J., assignor to Standard Oil Development Company. Refining sulphur-containing hydrocarbon oils. 2,330,735; Sept. 28.
- Paulsen, Thomas R., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Wheeled scraper. 2,308,534; Jan. 19.
- Paulsen, Thomas R., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Bulldozer. 2,308,535; Jan. 19.
- Paulsen, Thomas R., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Bulldozer. 2,321,015; June 15.
- Paulson, Henry C., Elizabeth, N. J., assignor to Standard Oil Development Company. Refining of petroleum oils. 2,327,547; Aug. 24.
- Paulson, Lewis T., Excelsior, Wis. Clamp. 2,330,736; Sept. 28.
- Paulus Brothers Packing Company. (See Wilson, Howard)
- Paulus, Charles L. (See Holloman, G. V., Paulus, and Stout.)
- Paulus, Charles L. (See Stout, R. K., and Paulus.)
- Paulus, Charles L., Dayton, Ohio. Diaphragm. 2,307,066; Jan. 5.
- Paulus, Charles L., Dayton, Ohio. Servo cylinder. 2,307,067; Jan. 5.
- Paulus, Charles L., Dayton, Ohio. Electric circuit control mechanism. 2,329,215; Sept. 14.
- Paulus, Charles L., and R. K. Stout, Dayton, Ohio, assignors of one-half to J. B. Brady, Washington, D. C. Automatic steering and control mechanism. 2,317,400; Apr. 27.
- Paul, George R., Cleveland Heights, assignor to Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Vacuum cleaner. 2,307,538; Jan. 5.
- Pauser, Karl. (See Nüsslein, J., and Pauser.)
- Pautz, Ormie A., Maribel, Wis. Adjustable hanger. 2,331,566; Oct. 12.
- Pavelka, Joseph. (See McCullough, Paul J., assignor.)
- Pavia, Luigi, Allentown, Pa. Shuttle threading and tension mechanism. 2,324,949; July 20.
- Pavitt, Harry A., assignor to Simonds Saw and Steel Co., Fitchburg, Mass. Induction hardening of saw teeth. 2,326,674; Aug. 10.
- Pavlecka, Vladimir H. (See Northrup, J. K., and Pavlecka.)
- Pavlenka, Vladimir H., Pacific Palisades, assignor to Northrop Aircraft, Inc., Hawthorne, Calif. Electric arc welding torch. 2,314,628; Mar. 23.
- Pavlov, Peter, and G. Hamilton, New York, N. Y. Anti-landing device for pigeons and other birds. 2,308,893; Jan. 19.
- Pavlovic, Joseph, Jr., Dillonville, Ohio. Combined inventory and price tag holder. 2,320,463; June 1.
- Paxton, Edwin F., Maysville, Ky. Bicycle stand. 2,307,235; Jan. 5.
- Paxton, Gerald C., and G. E. Stilwell, Riverside, assignors to Food Machinery Corporation, San Jose, Calif. Apparatus for matching multiple boxes. 2,336,287; Dec. 7.
- Paxton, Geraldine, executor, et al. (See Paxton, Walter H., assignor.)
- Paxton, Hale. (See Paxton, Walter H.)
- Paxton, Walter H., also known as Hale Paxton, deceased, late of Riverside, by G. Paxton and H. S. Nicks, Riverside, Calif., executors, assignors to Food Machinery Corporation, San Jose, Calif. Lid for multiple boxes and applying the same. 2,317,478; Apr. 27.
- Payman, Joseph. (See Davidson, A., Champan, McQueen, and Payman.)
- Payment, Frank, Massena, N. Y. Bottle chute. 2,312,438; Mar. 2.
- Payne, Charles A., Ilford, England. Absorption refrigerating machine. 2,307,947; Jan. 12.
- Payne, Charles F., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for and method of continuously cooking starch. 2,313,574; Mar. 9.
- Payne, Clarence Q., New York, N. Y. Apparatus for low temperature reduction of iron ores. 2,311,962; Feb. 23.
- Payne, Claud N., Morgan, Tex. Counting machine. 2,335,023; Nov. 23.
- Payne, Edna S., New York, N. Y. Shoe construction. 2,332,252; Oct. 19.
- Payne, Ernest, Repton, Ky. Tire inflating valve. 2,323,237; June 29.
- Payne, Frank E., Barrington, assignor to Crane Packing Company, Chicago, Ill. Liquid seal. 2,326,489; Aug. 10.
- Payne, Frank E., Barrington, assignor to Crane Packing Company, Chicago, Ill. Fluid seal. 2,328,578; Sept. 7.
- Payne, John H., Ballston Spa, N. Y., assignor to General Electric Company. Switch testing apparatus. 2,310,747; Feb. 9.
- Payne, John W. (See Simpson, T. P., Payne, and Crowley.)
- Payne, John W. (See Simpson, T. P., Payne, Crowley, and Teltsworth.)
- Payne, L. M., Company. (See Wolna, Benjamin A., assignor.)
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Separator bar for warp stop motion. 2,322,385; June 22.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Electric warp stop contact means. 2,322,386; June 22.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Whip roll controlled let-off for looms. 2,330,514; Sept. 28.
- Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Picker spindle lubricator. 2,336,187; Dec. 7.
- Payne, Pearson M., Denver, Colo. Metal-casting method and apparatus. 2,326,164; Aug. 10.
- Payne, Simms, Chicago, Ill. Electric cooker. 2,334,122; Nov. 9.
- Payne, Thomas F., Cincinnati, Ohio. Pipe joint. 2,322,587; June 22.
- Payne, Walter B., assignor to The Todd Company, Inc., Rochester, N. Y. Check protecting machine or the like. 2,329,646; Sept. 14.
- Payton, Horace J., Union, N. J., assignor to American Can Company, New York, N. Y. Can treating machine. 2,323,350; July 6.
- Paysee, Robert R. (See Zimmer, M. J., and Paysee.)
- Peabody-Acker, Inc. (See Moran, Fred C., assignor.)
- Peabody Company, The. (See Ronk, Albert T., assignor.)
- Peabody Engineering Corporation. (See Harmon, Robert E., assignor.)
- Peabody Engineering Corporation. (See Dunn, John, assignor.)
- Peabody Engineering Corporation. (See Vroom, Robert C., assignor.)
- Peachey, Cyril A. (See Newton, E. E., Peachey and Reevley.)
- Peacock, Charles T., Lincoln County, Colo. Damming device. 2,308,836; Jan. 19.
- Peacock, Charles T., Lincoln County, Colo. Damming attachment for listers and lister seeders. 2,337,620; Dec. 28.
- Peacock, Frederick A. (See Browning, R. E., assignor.)
- Peacock Laboratories, Inc. (See Stewart, Frank G., assignor.)
- Peak, Clyde J., San Francisco, Calif. Paste tube closure means. 2,331,078; Oct. 5.
- Peake, John S. (See Hanawalt, J. D., and Peake.)
- Peale, Rembrandt, Jr. (See Peale, Richard and Rembrandt, Jr.)
- Peale, Richard, Clearfield, Pa., and R. Peale, Jr., Greenwich, Conn. Mechanism for separating intermixed divided materials. 2,309,355; Jan. 26.
- Pearce, Gale T., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Mineral wool felted apparatus. 2,325,975; Aug. 3.
- Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,310,543; Feb. 9.
- Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,321,850; June 15.
- Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,329,417; Sept. 14.
- Pearce, Owen A., Heawall, Wirral, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Telephone system. 2,307,855; Jan. 12.
- Pearl, Henry J., assignor of one-half to H. L. Barker, Los Angeles, Calif. Dress. 2,311,246; Feb. 16.
- Pearl, Henry J., assignor of one-half to H. L. Barker, Los Angeles, Calif. Dress. 2,331,079; Oct. 5.
- Pearl, Irwin A. (See Lewis, H. F., and Pearl.)
- Pearl, J. (See Detroit, Mich. Stretching device. 2,311,245; Feb. 16.)

- Pearl, William A., Chicago, assignor to Whiting Corporation, Harvey, Ill. Ladle transporting and hoisting device. 2,336,748; Dec. 14.
- Pearlman, Abram J., Chicago, Ill. Jacket crown. 2,327,548; Aug. 24.
- Pearson, Roy C., Memphis, Tenn. Tree moving apparatus. 2,336,122; Dec. 7.
- Pearson, Andrew, Bessels Green, Sevenoaks, England, assignor, by mesne assignments, to The Sink and Float Corporation, New York, N. Y. Heavy liquid or suspension. 2,315,650; Apr. 6.
- Pearson, Edward P., assignor to American Potash & Chemical Corporation, Trona, Calif. Separating and recovering potassium chloride and borax. 2,333,334; Nov. 2.
- Pearson, Ernest W., Middletown, Conn. Golf bag support. 2,327,736; Aug. 24.
- Pearson, Frank C., Flushing, assignor to General Motors Corporation, Detroit, Mich. Clutch. 2,311,997; Feb. 23.
- Pearson, Gerald L., Millington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistor device. 2,332,596; Oct. 26.
- Pearson, Harold E., Bethlehem, assignor, by mesne assignments, to The Pennsylvania Company for Insurance on Lives and Granting Annuities, Philadelphia, Pa. Electric distribution system. 2,323,418; July 6.
- Pearson, Henry C., St. Louis, H. J. Wiedemeyer and W. J. Walsh, St. Louis County, assignors, by mesne assignments, to L. E. Sauer, St. Louis, Mo. Molded heel. 2,308,103; Jan. 12.
- Pearson, Henry N., Whittington, Ill., and H. J. Wiedemeyer, assignors, by mesne assignments, to Louis E. Sauer, St. Louis, Mo. Heel construction. 2,308,104; Jan. 12.
- Pearson, Howard J. (See Lindsay, M. H. A., and Pearson.)
- Pearson, John H. (See Neumark, H. R., and Pearson.)
- Pearson, John H., Flushing, and S. Tryon, Elmhurst, assignors to General Chemical Company, New York, N. Y. Manufacture of diphenyl carbonates. 2,335,441; Nov. 30.
- Pearson, John M., Swarthmore, assignor to Sun Oil Company, Philadelphia, Pa. Method and apparatus for making corrosion studies. 2,335,024; Nov. 23.
- Pearson, John M., and B. K. Morse, Swarthmore, assignors to Sun Oil Company, Philadelphia, Pa. Control system for pipe lines. 2,309,415; Jan. 26.
- Pearson, Oscar A., Oak Park, assignor to Jefferson Electric Company, Bellwood, Ill. Control circuit. 2,309,711; Feb. 2.
- Pearson, Oscar A., Oak Park, assignor to Jefferson Electric Company, Bellwood, Ill. Core assembly. 2,328,228; Aug. 31.
- Pearson, Otto H., assignor to L. N. Strike, Salt Lake City, Utah. Pressing machine. 2,328,229; Aug. 31.
- Pearson, Otto H., assignor to L. N. Strike, Salt Lake City, Utah. Control mechanism for pressing machines. 2,332,830; Oct. 26.
- Pearson, Paul E., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Machine for forming and affixing center spots to crown caps. 2,309,667; Feb. 2.
- Pearson, Paul E., Chicago, Ill., assignor to Continental Can Company, New York, N. Y. Scroll strip forming apparatus. 2,314,367; Mar. 23.
- Pearson, Paul E., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for internally coating containers. 2,314,515; Mar. 23.
- Pearson, Paul E., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Metal container side seam packing strip applying apparatus. 2,319,825; May 25.
- Pearson, Paul E., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Machine for flanging can bodies having solderless side seams. 2,320,049; May 25.
- Pearson, Paul E., and C. E. Magnus, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Crown cap counting mechanism. 2,326,675; Aug. 10.
- Pearson, Paul E., and R. M. Mero, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Ohlong can body flanging machine. 2,329,291; Sept. 14.
- Pearson, Paul E., and R. M. Mero, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Conveyor organization for can and drying machines. 2,338,055; Dec. 28.
- Pearson, Paul W., Chicago, Ill. Process and apparatus for removing coke from stills. 2,310,748; Feb. 9.
- Pearson, Robert D., Los Angeles, Calif. Filter construction. 2,331,656; Oct. 12.
- Pearson, Robert W., and J. Bender, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling means. 2,324,533; July 20.
- Pearson, Valentine, et al. (See Krantz, Edward, assignor.)
- Pease, Benjamin F., Jr., Silver Lake, Ohio. Lubricating device. 2,335,442; Nov. 30.
- Pease, C. F., Company, The. (See Brunk, Harold J., assignor.)
- Pease, Charles F., Pasadena, Calif. Vending machine. 2,309,008; Jan. 19.
- Pease, Fred F. (See Bodman, J. W., and Pease.)
- Pease, Fred F., Squantum, assignor to Lever Brothers Company, Cambridge, Mass. Device for producing homogeneous material. 2,335,306; Nov. 30.
- Pease, Harold C., assignor to Hamilton Watch Company, Lancaster, Pa. Surfacing device. 2,322,718; June 22.
- Pease, John W., Rochester, N. Y. Ladder. 2,325,537; July 27.
- Peat, Arthur R. (See Thompson, P. H., and Peat.)
- Peat, Roy L., assignor, by mesne assignments, to Max Factor & Co., Los Angeles, Calif. Die construction. 2,327,665; Aug. 24.
- Peatphone Corporation. (See Van Deventer, Harry R., assignor.)
- Pechukas, Alphonse, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Chlorination of metal bearing materials. 2,311,466; Feb. 16.
- Pecky, William, Manasquan, N. J., assignor to American Can Company, New York, N. Y. Control mechanism. 2,323,351; July 6.
- Pecky, William, Manasquan, N. J., assignor to American Can Company, New York, N. Y. Vacuum closing machine. 2,323,930; July 13.
- Peck, Carl F., Jersey City, N. J., assignor to American Can Company, New York, N. Y. Can testing machine. 2,332,525; Oct. 26.
- Peck, William F. (See Harper, K. W. Gradisar, Buffalo, assignor.)
- Peck, William F., Snyder, and Al. A. Gradisar, Buffalo, N. Y., assignors to American Optical Company, Southbridge, Mass. Eye testing instrument. 2,322,878; June 29.
- Peck, William F., Kenmore, and A. A. Gradisar, Buffalo, N. Y., assignors to American Optical Company, Southbridge, Mass. Trial frame. 2,333,735; Nov. 9.
- Pecker, Joseph S., and H. A. Simpson, assignors to Machine and Tool Designing Co., Philadelphia, Pa. Sorting table. 2,315,013; Mar. 30.
- Peckham, Arthur C., Watertown, N. Y. Corrective and protective knee brace. 2,308,776; Jan. 19.
- Peckso, Michael C., Peninsula, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Metal cleaving. 2,335,196; Nov. 23.
- Pedatella, Eugene, New York, N. Y. Garment placket. 2,307,540; Jan. 5.
- Pedatella, Eugene, New York, N. Y. Garment placket. 2,307,541; Jan. 5.
- Peden, Douglas T. (See Connor, K. W., and Peden.)
- Peden, Douglas T., Ann Arbor, assignor to Micromatic Honing Corporation, Detroit, Mich. Honing machine.
- Pedersen, Charles J. (See Downing, F. B., and Pedersen.)
- Pedersen, John D., Jackson, Wyo. Rifle mechanism. 2,330,737; Sept. 28.
- Peebles, David D., Berkeley, assignor to Golden State Company, Ltd., San Francisco, Calif. Evaporating apparatus. 2,310,649; Feb. 9.
- Peebles, David D., Berkeley, assignor to Golden State Company, Ltd., San Francisco, Calif. Drying apparatus and method. 2,310,650; Feb. 9.
- Peebles, David D., Berkeley, assignor to Golden State Company, Ltd., San Francisco, Calif. Drying method. 2,312,474; Mar. 2.
- Peebles, David D., Berkeley, assignor to Golden State Company, Ltd., San Francisco, Calif. Spray drying apparatus and method. 2,314,159; Mar. 16.
- Peebles, David D., Berkeley, assignor to Golden State Company, Ltd., San Francisco, Calif. Classifying apparatus. 2,330,793; Sept. 28.
- Peebles, David D., Berkeley, assignor to Golden State Company, Ltd., San Francisco, Calif. Milk treatment process. 2,336,634; Dec. 14.
- Peebles, David D., Berkeley, and P. D. V. Manning, Berkeley Woods, assignors to Golden State Company, Ltd., San Francisco, Calif. Corn sugar product and method. 2,317,479; Apr. 27.
- Peebles, David D., Berkeley, and P. D. V. Manning, Berkeley Woods, assignors to Golden State Company, Ltd., San Francisco, Calif. Desiccating apparatus and method. 2,333,333; Nov. 2.
- Peebles, May L., and J. C. and J. M. Waite, Albuquerque, N. Mex. Method and apparatus for reproducing the surface contour of patterns in plastics. 2,316,143; Apr. 6.
- Peed, Garland P., Jr., Pacific Palisades, Calif., assignor to Douglas Aircraft Company, Inc. Aircraft construction. 2,329,133; Sept. 7.
- Peek, Jesse E., Oklahoma City, Okla. Synchronizing device. 2,307,334; Jan. 5.
- Peek, Robert L., Jr., Towley, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Polarized relay. 2,307,155; Jan. 5.
- Peek, Robert L., Jr., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Two-step relay. 2,327,549; Aug. 24.
- Peek, Robert L., Jr., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Contact making device. 2,332,338; Oct. 19.
- Peele, James F., Richmond, Ind. Formed metal door. 2,336,999; Dec. 14.
- Peerless Chain Company. (See Bambenek, J. B., Hein, and Worner, assignors.)
- Peerless Equipment Company. (See Nelson, Robert M., assignor.)

- Peerless Key-Imperial Mfg. Co. (See Gifland, Alex. as signor.)
- Peerless Laboratories, Inc. (See Drachman, Myron J., assignor.)
- Peerless Manufacturing Corporation. (See Thompson, Harry E., assignor.)
- Peerless Tube Company. (See Remington, F., and Tagaglia, assignors.)
- Peet, Gerald P., Montclair, N. J., assignor to Novadel-Agema Corporation, Newark, N. J. Heat insulating fluid conductor. 2,312,282; Feb. 23.
- Peevey, William S., Oakland, Calif. Timing device for script reading. 2,337,621; Dec. 28.
- Pegg, Edward H. R., Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical gas cleaning means. 2,333,551; Nov. 2.
- Pegg, Laura M., Detroit, Mich. Surgical bandage. 2,310,864; Feb. 9.
- Peheil, Zigmunt, Bronx, N. Y. Tree feller. 2,332,526; Oct. 26.
- Peikonen, Matt. (See Sihvonen, E. W., and Peikonen.)
- Pelk, Paul G., assignor to The General Tire & Rubber Company, Akron, Ohio. Sound deadener. 2,337,525; Dec. 21.
- Pelker, Alfred L. (See Kienle, R. H., and Pelker.)
- Pelker, Maximilian, Vienna, Germany; vested in the Allen Property Custodian. Compressed air practice firing device. 2,308,798; Jan. 19.
- Pelree, Daniel N., deceased, Rydal, Pa., Gratia Pelree, administratrix. Knosling stool. 2,318,416; May 4.
- 2,317,079; Apr. 20.
- Pelree, Clarence A., assignor to The Box Shop, Inc., New Haven, Conn. Transparent cigarette case or the like. 2,309,009; Jan. 19.
- Pelree, Gratia, administratrix. (See Pelree, Daniel N., deceased.)
- Pelree, Walter T., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Electric cable. 2,326,557; Aug. 10.
- Pelan, John S. (See Luciller, R., and Pelan.)
- Pelé, Henri, Flisecourt, France; vested in the Allen Property Custodian. Circular weaving loom. 2,313,300; Mar. 9.
- Pelkan, John M., Chicago, Ill., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,320,296; May 25.
- Pelikan, John M., Chicago, Ill., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,320,792; June 1.
- Pell, Eric, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Control means for synchronous dynamoelectric machines. 2,323,485; July 6.
- Pell, George, Jr. (See Lockes, L. A., and Pell, Sr.)
- Pellegrin, Elmer D., and H. H. Ring, assignors to Geo. D. Roper Corporation, Rockford, Ill. Handle construction and mounting therefor. 2,314,596; Mar. 23.
- Pellerano, Silvio, Brooklyn, N. Y., assignor to George Morgan Corporation, Muskegon, Mich. Accelerating or hardening of plastic protein articles. 2,325,272; July 27.
- Pellet, Fred G., Alplaus, N. Y., assignor to General Electric Company. Laminated mica. 2,319,780; May 25.
- Pellet, Fred G., Alplaus, N. Y., assignor to General Electric Company. Adhesive compositions. 2,319,826; May 25.
- Pellnitz, Herman G., Nescopeck, Pa., assignor to American Car and Foundry Company, New York, N. Y. Latch for railway hatch covers. 2,336,566; Dec. 14.
- Pelosi, Nicholas, Newark, N. J., assignor to American Can Company, New York, N. Y. Conveyor. 2,326,165; Aug. 10.
- Pelosi, Nicholas, Newark, N. J., assignor to American Can Company, New York, N. Y. Fiber container. 2,328,579; Sept. 7.
- Pelphrey, Harry, Detroit, Mich. Tooth relieving machine. 2,321,102; June 8.
- Pelphrey, Harry, assignor to Michigan Tool Company, Detroit, Mich. Worm-gear mounting. 2,335,606; Nov. 30.
- Pels, Edna F., Montclair, N. J. Propelling device. 2,312,976; Mar. 2.
- Pelton, George E., assignor to I. S. Pelton, Middleburg, Va. Ink fountain typing machine. 2,322,737; June 22.
- Pelton, Ida S. (See Pelton, George E., assignor.)
- Pelton, Morton A., Detroit, Mich. Electrode holder. 2,324,320; July 13.
- Pelton Water Wheel Company, The. (See Kyle, S. C., and White, assignors.)
- Peltz, Howard F., Millburn, and G. H. Zieschang, Morristown, N. J., assignors to American Telephone and Telegraph Company. Conduit system. 2,321,415; June 8.
- Peltzer, Albert, Jr. (See Peltzer, Albert and A., Jr.)
- Peltzer, Albert, San Francisco, Calif. Starch manufacturing process. 2,316,807; Apr. 20.
- Peltzer, Albert, assignor to Merco Centrifugal Co., San Francisco, Calif. Starch manufacturing process. 2,323,077; June 29.
- Peltzer, Albert and A., Jr., assignors to Merco Centrifugal Company, San Francisco, Calif. Starch manufacturing process. 2,310,651; Feb. 9.
- Pelz, Alfred E., Mount Lebanon, assignor to E. A. Myers & Sons, Pittsburgh, Pa. Spring clip. 2,326,558; Aug. 10.
- Pelzer, Harold H. (See Pelzer, William and H. H.)
- Pelzer, Harold H., Astoria, N. Y. Paper bottle and container. 2,321,313; June 8.
- Pelzer, Harold H., Astoria, Long Island, N. Y. Paper bottle and container. 2,321,314; June 8.
- Pelzer, William and H. H., New York, N. Y. Paper bottle. 2,323,078; June 29.
- Pembroke, Frederick H., Brighton, N. Y. Grinding machine. 2,331,929; Oct. 19.
- Pembroke, George F., assignor to Molins Machine Company Limited, Deptford, London, England. Gauging apparatus. 2,322,354; June 29.
- Pembroke, George F., assignor to Molins Machine Company Limited, Deptford, London, England. Apparatus for testing or measuring sizes or dimensions. 2,325,423; July 27.
- Peña, Rafael J. (See Valentine, J. E., and Peña.)
- Pender, Lloyd G., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Shiftable rotary operative fastener. 2,327,331; Aug. 17.
- Pendergast, Thomas S., Marion, Ohio, assignor to Universal Cooler Corporation. Air conditioning apparatus. 2,327,737; Aug. 24.
- Pendergast, Ambrose H., Wilmington, Del., assignor to Bond Manufacturing Corporation, Inc. Cork extrusion apparatus. 2,335,307; Nov. 30.
- Pendergast, Ambrose H., and A. E. Benton, Wilmington, Del., assignors to Bond Manufacturing Corporation, Inc. Cork extrusion apparatus. 2,335,308; Nov. 30.
- Penfield, Charles S., Bakersfield, assignor to Shell Development Company, San Francisco, Calif. Apparatus for controlling fluid flow through drill strings. 2,310,514; May 18.
- Penfield, Walker, Swarthmore, assignor to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Manufacture of hydrofluosilicic acid. 2,312,048; Feb. 23.
- Penfold, Charles S., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Connector. 2,318,648; May 11.
- Penfold, Charles S., assignor to H. A. Douglas Manufacturing Co., Bronson, Mich. Electrical connection means. 2,318,649; May 11.
- Penfold, Charles S., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electrical connection means. 2,318,650; May 11.
- Penfold, Charles S., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Electrical connection means. 2,318,651; May 11.
- Penfold, Hilliard E. (See Kuebert, E. J., and Penfold.)
- Penick, Arthur J., and K. T. Penick, Houston, Tex. Well head. 2,312,470; Mar. 2.
- Penick, Arthur J., and K. T., Houston, Tex. Well head assembly. 2,313,169; Mar. 9.
- Penick, Arthur J., and K. T., Houston, Tex. Producing equipment for wells. 2,335,355; Nov. 30.
- Penick, Kirby T. (See Penick, Arthur J., and K. T.)
- Peninsular Grinding Wheel Co. (See Beebe, Alan P., assignor.)
- Penk, Reinhard. (See Koppelman, F., Frass, and Penk.)
- Penley, Lester H., West Paris, Maine. Spring clip attachments for clothespins. 2,321,563; June 8.
- Penn, Rox D., San Francisco, Calif. Tackle. 2,312,583; Mar. 2.
- Penn, Albert, Elkhart, and B. E. Shaw, Bristol, assignors to Penn Electric Switch Co., Goshen, Ind. Universal air volume controlling device. 2,319,554; May 18.
- Penn Electric Development Corporation. (See Eby, Hugh H., assignor.)
- Penn Electric Switch Co. (See Fillo, Francis B., assignor.)
- Penn Electric Switch Co. (See Penn, A., and Shaw, assignors.)
- Penn Electric Switch Co. (See Rothwell, John J., assignor.)
- Penn Electric Switch Co. (See Shaw, Burton E., assignor.)
- Penn Electric Switch Co. (See Swanson, Earnest F., assignor.)
- Penn, George R., Danville, Va. Cigarette tray. 2,337,409; Dec. 21.
- Penn, William D., Dallas, Tex. Hearing aid apparatus. 2,308,930; Jan. 19.
- Penn, William D., Dallas, Tex. Hearing aid apparatus. 2,308,931; Jan. 19.
- Pennebaker, Robert H., Little Rock, Ark. Oil filter. 2,322,772; June 29.
- Pennell, Philip H., Belmont Manor, assignor to Armstrong Cork Company, Lancaster, Pa. Decorative building material. 2,320,979; June 1.
- Penner, Edward, Detroit, assignor to Calumet and Hecla Consolidated Copper Company, Calumet, Mich. Manufacturing integral finned tubing. 2,337,490; Dec. 21.
- Penney, Elizabeth, executrix. (See Penney, H. D., and Jackson.)
- Penney, Gaylord W. (See Hewitt, G. W., and Penney.)
- Penney, Gaylord W., Wilkingsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical precipitator with automatic dust removal. 2,307,603; Jan. 5.

- Penney, Gaylord W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrically neutral air cleaning. 2,318,093; May 4.
- Penney, Gaylord W., Wilkinsburg, and E. C. Barnes, Edgewood, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrostatic dust sampler. 2,307,602; Jan. 5.
- Penney, Harold D., deceased, Pelham, N. Y., by E. Penny, executrix, Stamford, Conn., and C. S. Jackson, Brooklyn, N. Y. Tool for unsealing crown bottle caps. 2,323,621; July 6.
- Pennedy, J. C., Company. (See Carberry, Robert V., assignor.)
- Penny, Robert L., Brooklyn, N. Y. Rotary hair clipper. 2,321,416; June 8.
- Penny, Robert L., Brooklyn, N. Y. Rotary hair clipper. 2,335,607; Nov. 30.
- Pennington, Gordon R., Birmingham, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission and control means therefor. 2,314,554; Mar. 23.
- Pennington, Gordon R., Bloomfield Hills, assignor to Chrysler Corporation, Highland Park, Mich. Fluid coupling. 2,317,217; Apr. 20.
- Pennington, Clifford C., Oak Park, assignor to United States Gypsum Company, Chicago, Ill. Expanded metal catwalk. 2,329,678; Sept. 14.
- Pennow, Willis A., Cleveland, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reflector system for lighting units. 2,320,884; June 1.
- Pennsylvania Company for Insurance of Lives and Granting Annuities. (See Pearson, Harold E., assignor.)
- Pennsylvania Company for Insurances on Lives and Granting Annuities, The. (See Wood, Joseph D., assignor.)
- Pennsylvania Crusher Company. (See Jamison, Charles A., assignor.)
- Pennsylvania Engineering Works. (See McFeaters, Harry L., assignor.)
- Pennsylvania Flexible Metallic Tubing Co. (See Wright, William F., assignor.)
- Pennsylvania Industrial Chemical Corporation. (See Burroughs, Samuel G., assignor.)
- Pennsylvania Industrial Chemical Corporation. (See Corkery, F. W., and Burroughs, assignors.)
- Pennsylvania Manufacturing Company. (See Gade, Harold F., assignor.)
- Pennsylvania Manufacturing Company. (See Hallowell, Howard T., Jr., assignor.)
- Pennsylvania Railroad Company, The. (See Freeman, Henry J., assignor.)
- Pennsylvania Railroad Company, The. (See Hankins, F. W., and Meyer, assignors.)
- Pennsylvania Railroad Company, The. (See Hengstler, John, assignor.)
- Pennsylvania Railroad Company, The. (See Hoke, Harry A., assignor.)
- Pennsylvania Railroad Company, The. (See Hoke, H. A., and Merrill, assignors.)
- Pennsylvania Railroad Company, The. (See Jones, Lloyd B., assignor.)
- Pennsylvania Railroad Company, The. (See Miller, Robert N., assignor.)
- Pennsylvania Railroad Company, The. (See Sprankle, George D., assignor.)
- Pennsylvania Railroad Company, The. (See Steins, Carleton K., assignor.)
- Pennsylvania Research Corporation, The. (See Fuchs, Walter M., assignor.)
- Pennsylvania Rubber Company. (See Humphrey, Walter E., assignor.)
- Pennsylvania Salt Manufacturing Company, The. (See Penfield, Walker, assignor.)
- Pennsylvania Wire Glass Company. (See Sherwood, Laurence T., assignor.)
- Pennzoll Company, The. (See Johnson, Evert F., assignor.)
- Penote, Vincent S., assignor to The Cleveland Trencher Company, Cleveland, Ohio. Tamper backfilling mechanism. 2,318,095; Dec. 28.
- Penrose, William F., Irvington, N. J., assignor to Empire Electric Brake Corporation. Electric brake controller. 2,317,402; Apr. 27.
- Penrose, William F., Irvington, N. J., assignor to Empire Electric Brake Corporation. Electric brake control system. 2,319,258; May 18.
- Pentony, Joseph. (See Bing, Abram H., assignor.)
- People in the Territory of the United States, Dedicated to the free use of the. (See Bruce, Wesley Gordon, assignor.)
- People in the territory of the United States, Dedicated to the free use of the. (See Gaus, G. E., Bennett, and Ross.)
- People in the territory of the United States, Dedicated to the free use of the. (See Hunt, G. M., McNaughton and Martin.)
- People in the territory of the United States, Dedicated to the free use of the. (See Jansen, E. F., and Balls, assignors.)
- People of the United States, Dedicated to the free use of the. (See McGowan, Edward R., assignor.)
- People in the Territory of the United States, Dedicated to the free use of the. (See McPhail, Miyauoto.)
- People in the Territory of the United States, Dedicated to the free use of. (See Reed, Jesse O.)
- Pepe, Vincent, Brooklyn, N. Y. Bookmark. 2,320,383; June 1.
- Peppersack, Francis J., Towson, assignor to The Glenn L. Martin Company, Middle River, Md. Fitting construction for tanks. 2,321,417; June 8.
- Peppersack, Francis J., Towson, assignor to The Glenn L. Martin Company, Middle River, Md. Drain valve. 2,336,700; Dec. 14.
- Peppersack, Francis J., Towson, assignor to The Glenn L. Martin Company, Middle River, Md. Fitting construction for tanks. 2,336,885; Dec. 14.
- Pepper, Carl P., Fort Wayne, Ind., assignor to General Electric Company. Centrifugal device. 2,307,539; Jan. 5.
- Pepsoned C., The. (See Rider, Theodore H., assignor.)
- Perbal, Albert C., University City, Mo. Joint for electric fixtures. 2,334,436; Nov. 16.
- Perbal, Albert C., assignor to H. L. Dazey, University City, Mo. Film developing apparatus. 2,334,952; Nov. 23.
- Percival, John O., Somerville, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Material for and process of pickling copper or its alloys. 2,318,559; May 4.
- Percival, William S., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Frequency modulation. 2,312,977; Mar. 2.
- Percival, William S., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, England. Apparatus for generating high frequency oscillations. 2,331,723; Oct. 12.
- Percival, Dell W., Prenter, W. Va. Mine car stop. 2,318,521; May 4.
- Perdue, William E., Kechi Township, Sedgewick County, assignor, by mesne assignments, to Globe Oil and Refining Company, Wichita, Kans. Treating petroleum oils. 2,326,882; Aug. 17.
- Perelles, Maurice, Ossining Township, Westchester County, assignor to Mycalex Corporation of America, New York, N. Y. Line insulators. 2,317,799; Apr. 27.
- Perelli-Minetti, Antonio, Delano, Calif. Utilizing grapes and product produced thereby. 2,324,639; July 20.
- Perelmann, Adolf, London, England. Ionic tube circuits. 2,326,677; Aug. 10.
- Perelson, Harold N., Huntington Park, Calif. Closure and spout. 2,314,052; Mar. 16.
- Perelson, Harold N., Huntington Park, Calif. Fluid dispenser. 2,326,490; Aug. 10.
- Peremi, Edmund, and L. Toth, Manhasset, N. Y. Window. 2,315,542; Apr. 6.
- Peremi, Edmund, Manhasset, and A. Weibel, Jamaica, assignors to General Bronze Corporation, Long Island City, N. Y. Governor for revolving doors. 2,316,184; Apr. 13.
- Perevalov, Michael A. (See Yasenev, D. A., and Perevalov.)
- Perry Manufacturing Company. (See Gersbach, Herbert A., assignor.)
- Perfection Steel Body Company, The. (See Brick, Perry A., assignor.)
- Perfection Stove Company. (See Kessler, Charles J., assignor.)
- Perfection Stove Company. (See Focke, Theodore B., assignor.)
- Perflex Corporation. (See Deubel, Justin A., assignor.)
- Perflex Corporation. (See Deubel, J. A., and Miller, assignors.)
- Perflex Corporation. (See Hotchkiss, Clifford, assignor.)
- Perflex Corporation. (See Malone, Homer E., assignor.)
- Perflex Corporation. (See Malone, H. E., and Geisel, assignors.)
- Perflex Corporation. (See Miller, Wayland R., assignor.)
- Perflex Corporation. (See Tate, Virgil R., assignor.)
- Periman, Glenn W., assignor to Aircraft Tools Inc., Los Angeles, Calif. Skin clamp. 2,313,358; Mar. 9.
- Perina, Joseph, Farmingdale, N. Y., assignor to Republic Aviation Corporation. Aircraft structure. 2,334,504; Nov. 16.
- Perine, Woodman. (See Xenis, C. P., Perine, and King.)
- Peris, Walter. (See Dietrich, H., Johannessohn, Rabald, and Peris.)
- Perkins, Albert G., Warsaw, N. Y. Milk-flow indicator for milking machines. 2,321,616; June 15.
- Perkins, Albert M., Pittsburgh, Pa. Calculating instrument. 2,324,725; Nov. 23.
- Perkins, Baker, Inc. (See Steadman, R. P., and (Riordan, assignor).)
- Perkins, Frank C., Warren, Ohio, assignor to General Electric Company. Method and apparatus for sealing glass envelopes. 2,334,123; Nov. 9.
- Perkins, George H. (See Bletsso, B. N., and Perkins.)
- Perkins, George H., Cleveland, and A. L. Stoeckel, East Cleveland, Ohio, assignors to The American Steel and Wire Company of New Jersey. High speed cutting mechanism. 2,328,164; Aug. 31.
- Perkins, George S., Kew Gardens, assignor to National Equipment Co., New York, N. Y. Machine for decorating coated candies. 2,320,297; May 25.
- Perkins, Glue Company. (See Dennis, Raymond L., assignor.)
- Perkins, Herbert. (See Blagden, W. M., and Perkins.)

- Perkins, Hiram A., Rochester, assignor to Setter Bros. Inc., Cattaugus, N. Y. Method of and apparatus for the manufacture of rodlike articles. 2,308,537; Jan. 19.
- Perkins, James H., et al., executors. (See Crane, Newton.)
- Perkins, Julian L., assignor to Perkins Machine and Gear Company, West Springfield, Mass. Apparatus for forming gear teeth. 2,309,530; Jan. 20.
- Perkins, Julian L., assignor to Perkins Machine and Gear Company, West Springfield, Mass. Work indexing apparatus. 2,326,103; Aug. 3.
- Perkins, Kenneth, Scotch Plains, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Process of inlaying and molding articles. 2,319,156; May 11.
- Perkins, Kenneth, Scotch Plains, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine lighting fixture. 2,329,162; Sept. 7.
- Perkins, Kenneth, Scotch Plains, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rheostatic motor controller. 2,333,814; Nov. 9.
- Perkins Machine and Gear Company. (See Keltz, Max J., assignor.)
- Perkins Machine and Gear Company. (See Perkins, Julian L., assignor.)
- Perkins, Melvin A. (See Wuertz, A. J., Perkins, and Granger.)
- Perkins, Myrie M. (See Wickham, H. P., and Perkins.)
- Perkins, William H., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Current supply system. 2,322,955; June 29.
- Perkinson, Thomas F., Erie, Pa., assignor to General Electric Company. Control system. 2,308,301; Jan. 12.
- Perlitch, Lea M., New York, N. Y. Combined blouse and slip. 2,331,626; Oct. 12.
- Perlman, Sol, Brooklyn, N. Y., assignor to H. J. La Jole, Newark, N. J. System and apparatus for sound reception. 2,319,627; May 18.
- Perlmutter, Goldye S., Los Angeles, Calif. Sanitary device. 2,320,156; May 25.
- Perlstein, Jesse A. (See Marion, H., Perlstein, and O'Donnell.)
- Permanente Corporation, The. (See Lewers, Hamilton M., assignor.)
- Permo Products Corporation. (See Andres, Lloyd J., assignor.)
- Permo Products Corporation. (See Imelmann, Henry L., assignor.)
- Permo Products Corporation. (See Pate, Sherman E., assignor.)
- Permutt Company. (See Bowers H. L., and Pick, assignors.)
- Permutt Company, The. (See Gerb, Lothar, assignor.)
- Péron, Anthony, New York, N. Y. Broiler. 2,309,784; Feb. 2.
- Peroni, John H., Freeport, N. Y. Artificial tree. 2,309,977; Feb. 2.
- Perot, Maurice M. (See Hansen, H. A., and Perot.)
- Perrelli, Joseph, El Cerrito, and R. H. Smith, Albany, Calif. Punch splitter and priter. 2,338,123; Dec. 7.
- Perr-noud, François. (See Karrer, W., and Perr-noud.)
- Perrey, Marcel A. L., Herserange, France; vested in the Alien Property Custodian. Apparatus for determining the resistance to fracture of test pieces. 2,319,342; May 18.
- Perri, Angelo, Groveland, assignor to Allied Shoe Machinery Corp., Haverhill, Mass. Shoe sole press. 2,334,437; Nov. 16.
- Perri, Antonio, McKees Rocks, Pa. Float. 2,332,009; Oct. 19.
- Perri, Frank B. (See Du Grenier, F. C., and Perri.)
- Perrin, Frank H., and O. W. Allen, Pulaski, Tenn., assignors to International Minerals & Chemical Corporation, Chicago, Ill. Producing sodium acid pyrophosphate. 2,337,491; Dec. 21.
- Perrin, Jay C., Los Angeles, and P. L. Geer, Berkeley, assignors to Towlsaver, Inc., Los Angeles, Calif. Towel dispenser. 2,321,154; June 8.
- Perrin, Randolph C., et al. (See Livingston, Donald R.)
- Perrin, René, Paris, France; vested in the Alien Property Custodian. Effecting metallurgical reactions regularly and rapidly. 2,310,865; Feb. 9.
- Perrine, John H. (See Alleman, G., and Perrine.)
- Pertine, Lester E., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Automatic choke valve. 2,325,918; Aug. 3.
- Perrine, Lester E., Highland Park, assignor to General Motors Corporation, Detroit, Mich. Air conditioner. 2,327,451; Aug. 24.
- Perrine, Lester E., assignor to General Motors Corporation, Detroit, Mich. Automatic choke valve. 2,334,438; Nov. 16.
- Perrine, Robert O., and C. Stansbury, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Motor-generator control system. 2,330,993; Oct. 5.
- Perrone, John, New York, N. Y. Potato slicer. 2,328,487; Aug. 31.
- Perrot, Henri. (See Brandel, S., and Perrot.)
- Perry, Albert C., Toledo, Ohio. Boat platform for vessels. 2,328,094; Aug. 31.
- Perry, Arlington C., assignor to Armstrong Cork Company, Lancaster, Pa. Making variegated hard surface coverings. 2,331,275; Oct. 5.
- Perry, David B., assignor to Morse Chain Company, Ithaca, N. Y. Chain. 2,324,640; July 20.
- Perry, Donald B., Maplewood, N. J., assignor to American Telephone and Telegraph Company. Teletypewriter numbering system. 2,321,418; June 8.
- Perry, Eugene L., Bloomfield, N. J., assignor to Universal Binding Company, Cranston, R. I. Textile core. 2,327,738; Aug. 24.
- Perry, Hadwen C., Hyde Park, Mass. Sectional shelving. 2,319,877; May 25.
- Perry, Stanley. (See Broese, J. L., Hayter, and Perry.)
- Perry, Stanley, Chicago, Ill., assignor to Oil Devices, Santa Fe, N. Mex. Safety control for oil burners. 2,329,292; Sept. 14.
- Perry, Stephen E. (See Wolty, A. B., Jr., and Perry.)
- Perry, William J., Toronto, Ontario, Canada. Fabric bias-cutting and splicing machine. 2,331,342; Oct. 12.
- Perry, William R., Columbus, Ind., assignor to Reeves Pulley Company, Columbus, Ohio. Belt. 2,322,466; June 22.
- Perry, William R., assignor to Reeves Pulley Company, Columbus, Ind. Belt splice. 2,322,967; June 20.
- Persch, Walter. (See Bockmühl, M., and Persch.)
- Persinger, Russell O., Marion, Ohio. Grenade sight for firearms. 2,335,881; Dec. 7.
- Person, Earl R., Leominster, Mass., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making brushes. 2,317,110; Apr. 20.
- Person, E. A., Worcester, Mass. Mounting for reflector buttons. 2,335,783; Nov. 30.
- Persons, Lawrence M., St. Louis County, assignor to Automatic Control Corporation, St. Louis, Mo. Coffee roaster control. 2,307,294; Jan. 5.
- Persons, Lawrence M., St. Louis, Mo., assignor, by mesne assignments, to Industrial Engineering Corporation, Turin, Haute, Ind. Stoker control. 2,309,531; Jan. 26.
- Persoons, Alphonsus. (See Persoons, Julius, and A.)
- Persoons, Jules and A., Thildonck, Belgium; vested in the Alien Property Custodian. Cream separator. 2,313,260; Mar. 9.
- Persson, Alf R., Hedemora, and J. O. Naucelér, Stocksund, Sweden. Purification of sewage. 2,324,593; July 20.
- Persson, Alf R., Hedemora, and J. O. Naucelér, Stocksund, Sweden. Recovering substances contained in gases. 2,333,193; Nov. 2.
- Persson, Arthur, Painesville, Ohio. Controlling means. 2,329,418; Sept. 14.
- Persson, Eric S., Malmö, Sweden. Screen for windows. 2,311,413; Feb. 16.
- Persson, Eric S., Malmö, Sweden. Operating means for windows. 2,320,604; May 25.
- Persson, Henry, Bloomfield, N. J. Testing apparatus. 2,321,769; June 15.
- Persson, Henry, Bloomfield, N. J. Loading tool. 2,321,770; June 15.
- Persson, Per O., assignor to Quality Hardware and Machine Corporation, Chicago, Ill. Gauge for metallic cartridge belt links. 2,318,709; May 30.
- Persyd, Albert, Associated, assignor to Tide Water Associated Oil Company, San Francisco, Calif. Gum inhibitor. 2,318,710; May 11.
- Pervas, Ludwig F., New York, N. Y. Toothbrush cover fastener. 2,317,111; Apr. 20.
- Pesco Products Co. (See Latuck, John A., assignor.)
- Peskin, Carl, assignor to one-half H. B. S. Wisniewski, Milwaukee, Wis. Game apparatus. 2,315,872; Apr. 6.
- Peskin, Leonard C., Shaker Heights, Ohio, assignor to The American Steel and Wire Company of New Jersey. Vibration testing apparatus. 2,336,956; Dec. 14.
- Peskind, Samuel. (See Arter, C. K., Jr., and Peskind.)
- Pet Milk Company. (See Kinney, James, assignor.)
- Peto, Inc. (See Toop, Frederic, assignor.)
- Peter, Albin, assignor to the firm Sandoz A. G., Basel, Switzerland. Water-soluble dyestuffs of the anthraquinone series and a process for their manufacture. 2,329,783; Sept. 21.
- Peter, Carl H., Jersey City, and E. C. Roos, Maywood, N. J. Deicing mechanism. 2,309,010; Jan. 19.
- Peter, Charles, Salt Lake City, Utah. Soil builder. 2,310,652; Feb. 9.
- Peter Cooper Corporations. (See Hubbard, John R., assignor.)
- Peter, Leslie H., King's Cross, London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Manufacture of alternating current rectifiers. 2,326,063; Aug. 3.
- Peter, Leslie H., and J. F. Coley, King's Cross, London, England, assignors, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Block signaling system for railways and the like. 2,320,793; June 1.
- Peter Paul, Inc. (See Flint, Clarence H., assignor.)
- Peter, William J., New York, and A. C. Kaestner, Crestwood, assignors to Aqua Systems Incorporated, New York, N. Y. Hydraulic storage and dispensing system. 2,317,800; Apr. 27.
- Peterkin, Albert G. (See Houdry, E. J., and Peterkin.)
- Peterkin, Albert G., Bryn Mawr, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Catalytic conversion of hydrocarbons. 2,309,137; Jan. 26.
- Peters, Earl B., Canfield, Ohio. Shaper. 2,314,660; Mar. 23.
- Peterman, Theodore A., Tacoma, Wash. Resilient wheel mounting. 2,318,257; May 4.

- Peters, Albert G., assignor of one-third to P. E. Leimbach, and one-third to B. J. Manley, Powell, Wyo. Control valve. 2,314,158; Mar. 16.
- Peters, Albert G., Kansas City, Mo. Caulking gun. 2,317,299; Apr. 20.
- Peters, Alva E., Olney, Ill. Pipe nipple tool. 2,314,016; Mar. 16.
- Peters Bros. Rubber Co. (See Jackson, Clarence S., assignor.)
- Peters Bros. Rubber Co. (See Jackson, C. S., Parlino, and Hiascher, assignors.)
- Peters, Carl E., assignor to B-L Electric Company, St. Louis, Mo. Selenium rectifier. 2,327,739; Aug. 24.
- Peters, Carl E., assignor to B-L Electric Manufacturing Company, St. Louis, Mo. Rectifier. 2,328,488; Aug. 31.
- Peters, Charles G. (See Blizard, J. W. F., and Peters.)
- Peters, Franklin T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated fabric. 2,322,953; June 29.
- Peters, Franklin T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric materials. 2,337,834; Dec. 28.
- Peters, Frederick C. (See Arthur, Alexander F., assignor.)
- Peters, Fredus N., Evanston, assignor to The Quaker Oats Company, Chicago, Ill. Process and apparatus for treating foodstuffs. 2,324,874; July 20.
- Peters, George S., Evanston, Ill. Tongs. 2,326,676; Aug. 10.
- Peters, George E., and L. E. Russell, assignors to Peters & Russell, Inc., Springfield, Ohio. Rearview mirror. 2,333,671; Nov. 9.
- Peters, George W., et al. (See Peters, Otho A., assignor.)
- Peters, Herbert P. (See Parker, W. W., and Peters.)
- Peters, Jacob C., assignor to Leeds & Northrup Company, Philadelphia, Pa. Electrical control system. 2,337,410; Dec. 21.
- Peters, James F., Indiana Harbor, Ind., assignor to Inland Steel Company, Chicago, Ill. Cooling high temperature structures. 2,333,439; Nov. 2.
- Peters, John F., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulator. 2,329,216; Sept. 14.
- Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Notching mechanism. 2,330,235; Sept. 28.
- Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Machine for making container parts. 2,337,063; Dec. 21.
- Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Detecting and throwout device. 2,337,064; Dec. 21.
- Peters, Karl. (See Schreyer, E. P., and Peters.)
- Peters, Kurt. (See Pier, M., Peters, and Free.)
- Peters, Leo J., Tulsa, Okla., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Seismograph amplifier system. 2,318,795; May 11.
- Peters, Leo R., East Cleveland, Ohio, assignor to General Electric Company. Electric discharge apparatus. 2,313,575; Mar. 9.
- Peters, Leo R., Cleveland Heights, Ohio, assignor to General Electric Company. Thermal switch. 2,329,134; Sept. 7.
- Peters, Leo R., Cleveland Heights, Ohio, assignor to General Electric Company. Glow switch. 2,332,809; Oct. 26.
- Peters, Leslie M. (See van de Griendt, G. H., Marple and Peters.)
- Peters, Melville F. (See Parr, W. S., and Peters.)
- Peters, Melville F., Beltsville, Md. Electrical conductor. 2,322,773; June 29.
- Peters, Melville F., Beltsville, Md. Cable testing device. 2,323,931; July 13.
- Peters, Melville F., Beltsville, J. P. Boston, Garrett Park, Md., and M. Davis, Washington, D. C. Spark plug tester. 2,324,458; July 13.
- Peters, Melville F., Beltsville, and J. P. Boston, Garrett Park, Md. Device for measuring gas leakage. 2,330,236; Sept. 28.
- Peters, Nellie H., et al. (See Peters, Otho A., assignor.)
- Peters, Norman J., assignor to Damrow Brothers Company, Fond du Lac, Wis. Pasteurizer temperature control. 2,317,480; Apr. 27.
- Peters, Otho A., assignor of one-eighth to W. M. Leuthold, one-eighth to N. H. Peters, one-eighth to G. E. Follevaag, Deer Park, and one-eighth to G. W. Peters, Spokane, Wash. Irrigator. 2,324,234; July 13.
- Peters, Paul S., Los Angeles, Calif., assignor to Adel Precision Products Corp. Cushion bonding strip unit. 2,338,000; Dec. 28.
- Peters, Peter N., New York, N. Y. Safety razor. 2,327,967; Aug. 24.
- Peters, Raphael C., New York, and R. Santone, Larchmont, N. Y. Black-out device. 2,311,348; Feb. 16.
- Peters, Robert E., Sr. (See Peters, Robert E., Jr., assignor.)
- Peters, Robert E., Jr., assignor to R. E. Peters, Sr., Saginaw, Mich. 2,323,565; July 6.
- Peters & Russell, Inc. (See Peters, G. E., and Russell, assignors.)
- Peters & Russell, Inc. (See Russell, Linus E., assignor.)
- Peters, William A., assignor of one-half to W. E. O'Connor, Chicago, Ill. Binder. 2,317,345; Apr. 27.
- Peters, William G., assignor to Richard Groetchen, doing business as Groetchen Tool & Mfg. Co., Chicago, Ill. Register resetting mechanism. 2,324,321; July 13.
- Petersen, Edgar A., Grosse Pointe, assignor to Chrysler Corporation, Highland Park, Mich. Method and apparatus for forming cores. 2,328,357; Aug. 31.
- Petersen, Georg. (See Weber, H., and Petersen.)
- Petersen, Hans E., assignor, by mesne assignments, to C. Olson, Minneapolis, Minn. Sash holder and lock. 2,312,475; Mar. 2.
- Petersen, Louis, Detroit, Mich., as to Joseph P. Lannen. Static balancing machine. 2,338,057; Dec. 28.
- Petersen, Louis S., Forest Hills, assignor to F. L. Smidth & Co., New York, N. Y. Flotation cell. 2,324,018; July 13.
- Petersen, Louis S., Forest Hills, assignor to F. L. Smidth & Co., New York, N. Y. Adjustment means for kiln roller supports. 2,336,417; Dec. 7.
- Petersen, Ove, Gentofte, and S. H. Jensen, Frederiksberg, Denmark; vested in the Allen Property Custodian. Method and means for operating internal combustion engines with supercharge. 2,325,538; July 27.
- Petersen Oven Company, The. (See Cook, John V., assignor.)
- Petersen Oven Company, The. (See Seubert, Herman, assignor.)
- Petersen, Siegfried, Leverkusen Schlebusch, and P. Schick, Berlin Treptow, Germany; vested in the Allen Property Custodian. Spinning of solutions of cellulose derivatives. 2,320,704; June 1.
- Petersen, William E., Cottonwood, Calif. Egg grader. 2,312,774; Mar. 2.
- Peterson, Adolphe C., Minneapolis, Minn. Automatic heating and ventilating means. 2,309,356; Jan. 26.
- Peterson, Axel, J. Axel, Wilkinsburg, J. H. Frakes, Edgewood, and C. A. Burr, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Insulating bushing. 2,308,022; Jan. 12.
- Peterson, Arnold E., Burbank, Calif. Folding pushcart for babies. 2,314,659; Mar. 23.
- Peterson, Arthur P., East Orange, assignor to Schering Corporation, Bloomfield, N. J. Tablets for tablets, ampoules, and the like. 2,313,667; Mar. 9.
- Peterson, Arthur S., Marseille, Ill., assignor to Certain-Teed Products Corporation, New York, N. Y. Control apparatus. 2,314,421; Mar. 23.
- Peterson, Axel H., Kewanee, Ill. Dispensing cap and closure for containers. 2,312,584; Mar. 2.
- Peterson, Bur A., assignor to Barber-Colman Company, Rockford, Ill. Yarn winding mechanism. 2,326,307; Aug. 10.
- Peterson, C. Gilbert, New Canaan, Conn. Cargo loading and securing. 2,334,124; Nov. 9.
- Peterson, Carl D., and A. H. Deimel, Toledo, Ohio. Selecting and shifting mechanism for change speed gearings. 2,312,975; Mar. 2.
- Peterson, Carl D., and A. H. Deimel, Toledo, Ohio. Hydraulic coupling. 2,334,282; Nov. 16.
- Peterson, Carl D., and E. J. Barth, assignors to Spicer Manufacturing Corporation, Toledo, Ohio. Transmission gearing. 2,310,310; Feb. 9.
- Peterson, Carl D., and E. J. Barth, assignors to Spicer Manufacturing Corporation, Toledo, Ohio. Gear shifting mechanism. 2,327,550; Aug. 24.
- Peterson, Carl E., Montclair, assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Belt clasp. 2,337,835; Dec. 28.
- Peterson, Carl G., and E. B. Peterson, Providence, R. I. Friction feed. 2,317,481; Apr. 27.
- Peterson, Carl H., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Spring coiling machine. 2,324,641; July 20.
- Peterson, Carl H., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Universal spring hooking and looping machine. 2,334,505; Nov. 16.
- Peterson, Charles W., assignor to Eastman Kodak Company, Rochester, N. Y. Illuminating means for enlargers. 2,327,818; Aug. 24.
- Peterson, Charles W., assignor to Eastman Kodak Company, Rochester, N. Y. Stereo viewing device. 2,336,258; Dec. 7.
- Peterson, Chester, Short Hills, N. J., assignor to The H. A. Wilson Company. Contact. 2,319,259; May 18.
- Peterson, Clarence H., assignor of 50% to G. W. Peterson, Oakland, Calif. Adjustable screen. 2,315,651; Apr. 6.
- Peterson, Clarence L., Berkeley, Calif., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electromagnetic valve operator. 2,324,642; July 20.
- Peterson, Clifford F., Belding, assignor to The Murray Corporation of America, Detroit, Mich. Device for pocketing springs. 2,334,884; Nov. 23.
- Peterson, Conrad E., Auburndale, and G. L. Olson, Arlington, Mass. Work support. 2,329,135; Sept. 7.
- Peterson, Edward C., Narberth, and E. T. Peterson, Reading, assignors to Birdsboro Steel Foundry & Machine Company, Birdsboro, Pa. Pack-annealing bed. 2,328,923; Sept. 7.
- Peterson, Edward S., Elmwood Park, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,333,039; Oct. 26.

- Peterson, Edward S., Elmwood Park, Ill., assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,337,411; Dec. 21.
- Peterson, Edward T. (See Flisk, G. L., and Peterson.)
- Peterson, Edward T. (See Peterson, E. C. and E. T.)
- Peterson, Edward T., Reading, Pa. Toggle for crushers. 2,325,195; July 27.
- Peterson, Edward T., Reading, Pa. Tilting table. 2,334,026; Nov. 9.
- Peterson, Edward T., Reading, Pa. Rail turning machine. 2,336,289; Dec. 7.
- Peterson, Erick B. (See Peterson, Carl G. and E. B.)
- Peterson, Eugene, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave generating system. 2,317,482; Apr. 27.
- Peterson, Evelyn. (See Magnuson, Raymond A., assignor.)
- Peterson, Floyd C. (See Freeman, R. D., Peterson, and Greninger.)
- Peterson, Frank C., Oakland, Calif. Apparatus for concentration of minerals and like materials. 2,311,414; Feb. 16.
- Peterson, Frederick H., Watertown, assignor to The Patent Button Company, Waterbury, Conn. Tucker mechanism. 2,337,268; Dec. 21.
- Peterson, George W. (See Peterson, Clarence H., assignor.)
- Peterson, Gustav A., Stamford, Conn., assignor to Electrolux Corporation, New York, N. Y. Vaporizer. 2,336,665; Dec. 14.
- Peterson, Harold A., Scotia, N. Y., assignor to General Electric Company. Electric circuit. 2,336,886; Dec. 14.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Radio relaying system. 2,311,467; Feb. 16.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Logarithmic instrument circuit. 2,315,666; Mar. 6.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency control. 2,316,017; Apr. 6.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Transmitting system and apparatus. 2,322,588; June 22.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Radio communication system. 2,329,784; Sept. 21.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Transmission line seal and insulator. 2,331,136; Oct. 5.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Combining unit. 2,332,253; Oct. 19.
- Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Diversity receiving system. 2,333,335; Nov. 2.
- Peterson, Harold O., and J. B. Atwood, Riverhead, N. Y., assignors to Radio Corporation of America. Frequency measuring system. 2,321,315; June 8.
- Peterson, Henry F., Rockford, Ill. Condition responsive control device. 2,320,535; June 1.
- Peterson, Henry J., Webster City, Iowa. Mousetrap. 2,321,617; June 15.
- Peterson, Howard B., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Can closing machine. 2,318,623; May 11.
- Peterson, Joel D., Ridgewood, assignor to Bendix Aviation Corporation, Bendix, N. J. Reproducing motion. 2,323,566; July 6.
- Peterson, John B., Bethesda, Md. Mercurial barometer. 2,326,797; Aug. 17.
- Peterson, Joseph A., and C. E. Olsen, Houston, Tex. Pipe tong. 2,329,850; Sept. 21.
- Peterson, Justin, Swampscott, Mass., assignor to General Electric Company. Electric induction apparatus. 2,337,346; Dec. 21.
- Peterson, Justin, Lynn, and F. A. Weigel, East Lynn, Mass., assignors to General Electric Company. Protective device. 2,324,875; July 20.
- Peterson, Louis, Minneapolis, Minn. Clutch construction. 2,315,130; Mar. 30.
- Peterson, Marjorie N., Ada, Okla. Wearing apparel. 2,337,768; Dec. 28.
- Peterson, Merlin D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of benzene. 2,311,189; Feb. 16.
- Peterson, Norman R., assignor to The Dow Chemical Company, Midland, Mich. Molded insulating article. 2,336,636; Dec. 14.
- Peterson, Norman R., and J. L. Sherk, assignors to The Dow Chemical Company, Midland, Mich. Printing ink comprising cellulose derivatives. 2,321,316; June 8.
- Peterson, Pontus, Garden City, N. Y., assignor to American Machine & Foundry Company. Stemming machine. 2,309,738; Feb. 2.
- Peterson, Raymond H., Hayward, Calif. Power shear. 2,317,553; Apr. 27.
- Peterson, Robert A. (See Donbeck, L. D., and Peterson.)
- Peterson, Rolf L. (See Batcheler, B. F., and Peterson.)
- Peterson, Ruben O., South Euclid, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Rotary brush. 2,316,185; Apr. 13.
- Peterson, Ruben O., South Euclid, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Rotary brush. 2,320,384; June 1.
- Peterson, Ruben O., South Euclid, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. End brush. 2,325,629; Aug. 8.
- Peterson, Seth E., Call, Colombia, assignor to Automatic Electric Laboratories, Inc. Telephone system. 2,333,480; Nov. 2.
- Peterson, Seth E., Chicago, and M. E. Griffins, Riverside, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,311,774; Feb. 23.
- Peterson, Thomas A., Langview, Wash. Wood planing machine. 2,312,439; Mar. 2.
- Peterson, Thomas F., Worcester, Mass. Electric cable. 2,316,808; Apr. 20.
- Peterson, Thomas F., Brooklyn, N. Y. Shielded cable. 2,322,702; June 22.
- Peterson, Thomas F., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Composite electric conductor strand. 2,314,798; Mar. 23.
- Peterson, Victor E., assignor to The Kawneer Company, Niles, Mich. Sash construction for store fronts. 2,321,237; June 8.
- Peterson, Victor W., and O. J. Maha, assignors to Hannifin Manufacturing Co., Chicago, Ill. Press and the like. 2,308,712; Jan. 19.
- Peterson, Victor W., and F. J. Daley, assignors to Hannifin Manufacturing Company, Chicago, Ill. Cylinder honing. 2,320,747; June 1.
- Peterson, Viggo, Brooklyn, N. Y. Combined clock and lamp. 2,327,666; Aug. 24.
- Peterson, Walker E., Baltimore, Md. Deflector ring. 2,320,050; May 27.
- Peterson, Wilber P., Kansas City, Mo. Light. 2,320,446; June 1.
- Peterson, Willard D., assignor to Eastman Kodak Company, Rochester, N. Y. Colored photographic image. 2,308,023; Jan. 12.
- Peterson, William J., Solana Beach, Calif. Paper clip. 2,316,458; Feb. 9.
- Peterson, William R. (See Parks, P. B., and Peterson.)
- Peterson, William R., Oswego, assignor to St. Regis Paper Company, New York, N. Y. Bag filling apparatus with hand discharge. 2,328,165; Aug. 31.
- Petho, John A. (See Landt, G. E., and Petho.)
- Pettit, William H., assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,334,953; Nov. 23.
- Pettilas, Pierre, Rouen, and R. F. M. Sureau, Mont St. Aignan, France; vested in the Allen Property Custodian. Manufacture of polyazolic dyestuff. 2,315,220; Mar. 30.
- Pettilas, Pierre, and J. Frenkel, Rouen, France; vested in the Allen Property Custodian. 2-hydroxy-alkylamino-5 sulphobenzic acid. 2,316,809; Apr. 20.
- Petkoff, Christ T., Kansas City, Mo. Torpedo propelling and steering means. 2,330,911; Oct. 5.
- Petley, Norman A., Portland, Maine. Ceiling washing machine. 2,312,189; Feb. 23.
- Petrich, Jerry, New York, N. Y. Multidrive airplane. 2,326,104; Aug. 3.
- Petrie, William K. Angus, Scotland. Diary, notebook, and the like. 2,310,707; Feb. 9.
- Petro-Chem Development Company. (See Throckmorton, J. W., and Wallis, assignors.)
- Petro-Chem Development Company. (See Wallis, J. S., and Throckmorton, assignors.)
- Petree, Gregory A., Niagara Falls, assignor to The Matheson Alkali Works, Inc., New York, N. Y. Venturi meter and measuring liquids flowing through it. 2,337,921; Dec. 28.
- Petroleum Conversion Corporation. (See Praeger, Frank H., assignor.)
- Petroleum Conversion Corporation. (See Sperling, Curran C., assignor.)
- Petroleum Heat and Power Company. (See Thoresen, Ralph S., assignor.)
- Petroleum Iron Works Company, The. (See Pittman, Ernest W., assignor.)
- Petrolite Corporation. (See Allen, Gwynne, assignor.)
- Petrolite Corporation, Ltd. (See Blair, Charles M., Jr., assignor.)
- Petrolite Corporation. (See Claytor, Edwin E., assignor.)
- Petrolite Corporation, Ltd. (See Bailey, Edmund I., assignor.)
- Petrolite Corporation, Ltd. (See De Groote, Melvin, assignor.)
- Petrolite Corporation, Ltd. (See De Groote, M., and Keiser, assignors.)
- Petrolite Corporation, Ltd. (See Eddy, Harold C., assignor.)
- Petrolite Corporation. (See Hanson, Gordon B., assignor.)
- Petrolite Corporation, Ltd. (See Roberts, Claudius H. M., assignor.)
- Petrolite Corporation, Ltd. (See Stenzel, R. W., and Suthard, assignors.)
- Petrolite Corporation. (See Waterman, Logan C., assignor.)
- Petrolite Corporation, Ltd. (See Wirtel, A. F., and Blair, assignors.)

- Petrovich, Louis, Paris, France; vested in the Alien Property Custodian. Aspirator device for smoke and airing conduits. 2,310,909; Feb. 9.
- Petry, Clayton H. (See Moul, J. E. and Petry.)
- Petry, Theodore A., H. D. Noll and E. Lee, Wenonah, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Separation of hydrocarbons. 2,332,493; Oct. 19.
- Petzel, Benjamin J., Altadena, Calif. Oil burner. 2,333,815; Nov. 9.
- Pett, Alfred W., Glencoe, assignor to The Powers Regulator Company, Chicago, Ill. Reducing the effect of fluctuations in supply pressure to air controlled instruments. 2,331,799; Oct. 12.
- Pettigrew-Smith, George W., Westminster, England. Towage of vessels and the like. 2,331,567; Oct. 12.
- Pettit, Maurice E., Flint, Mich. Drapery heading hook. 2,307,295; Jan. 5.
- Pettit, Ralph E., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Process of ornamentation. 2,324,106; July 13.
- Petty, Floyd T., Westfield, Mass. Mop head and frame therefor. 2,327,551; Aug. 24.
- Petty, James N., Maricopa County, Ariz. Glider launching device. 2,325,630; Aug. 3.
- Petty, Olive S. (See Farque, C. A., assignor.)
- Petty, Olive S. (See Myers, T. G., Jr., assignor.)
- Petty, Olive S. (See Mayne, William H., assignor.)
- Petty, Olive S. (See Welty, William R., assignor.)
- Petty, Olive S., San Antonio, Tex. Seismic reflection surveying. 2,331,080; Oct. 5.
- Petty, Olive S., San Antonio, Tex. Time-break circuit. 2,331,627; Oct. 12.
- Petty, Oliver, and J. O. Parr, Jr., said Parr assignor to said Petty, San Antonio, Tex. Automatic volume control for recorder amplifiers. 2,318,624; May 11.
- Petzold, Ernst H., Jr., and R. A. Cherry, St. Louis, Mo. Mop. 2,318,094; May 4.
- Pevere, Ernest F. (See Clarke, L. A., Hatch, and Pevere.)
- Pevere, Ernest F., Beacon, L. A. Clarke, Flashkill, and G. R. Hatch, Beacon, assignors, by mesne assignments, to The Tecton Company, New York, N. Y. Manufacture of high antiknock hydrocarbons. 2,337,492; Dec. 21.
- Pew, Thomas C., assignor to Hoover Ball & Bearing Company, Ann Arbor, Mich. Seal for antifriction bearings. 2,320,794; June 1.
- Peyton, Edward S., Crafton, assignor of one-fourth to S. Strahl, Pittsburgh, one-fourth to T. J. Harrison, McKees Rocks, and one-fourth to I. Simon, Pittsburgh, Pa. Orchestral apparatus. 2,307,296; Jan. 5.
- Pezzella, Philip C., Brooklyn, N. Y. Spring wheel assembly. 2,317,218; Apr. 20.
- Pezzillo, Albert R., Philadelphia, Pa. Motor driven pump unit. 2,312,848; Mar. 2.
- Pfachtler, Kurt. (See Engel, K., and Pfachtler.)
- Pfachtler, Kurt. (See Engel, K., and Pfachtler.)
- Pfaff, Harry E. (See McIntosh, A. H., and Pfaff.)
- Pfaff, Wesley. (See Lake, C. D., and Pfaff.)
- Pfannmuller, Julius, North Plainfield, N. J., assignor to Wallerstein Company, Inc., New York, N. Y. Method of treating hides, skins, and pelts. 2,326,798; Aug. 17.
- Pfannmuller, Julius, North Plainfield, N. J., and H. Seibach, New Dep., Staten Island, assignors to Wallerstein Company, Inc., New York, N. Y. Proteolytic bating composition. 2,326,306; Aug. 10.
- Pfanschiel, Carl, Highland Park, Ill., assignor to Pfanschiel Chemical Company. Container for phonograph needles and the like. 2,313,766; Mar. 16.
- Pfanschiel Chemical Company. (See Pfanschiel, Carl, assignor.)
- Pfau, Alfred C., Jeffersonville, Ind., and J. G. Liskow, assignor to American Air Filter Company, Inc., Louisville, Ky. Work cabinet. 2,324,019; July 13.
- Pfaunder, C., The. (See Minard, Everett S., assignor.)
- Pfaunder, Edward M. (See Dierckmeier, R. L., and Pfaunder.)
- Pfaunder, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Hydraulic pump assembly. 2,311,468; Feb. 16.
- Pfeiffer, Emil E., Pensacola, Fla. Garment hanger. 2,321,700; June 15.
- Pfeiffer, Fred B., Akron, Ohio. Method and apparatus for working sheet material. 2,312,049; Feb. 23.
- Pfeiffer, George E., North Arlington, N. J., assignor to Krehbiel Engineering Corporation, New York, N. Y. Button making. 2,333,121; Nov. 2.
- Pfeiffer, William C., assignor to The Egly Register Company, Dayton, Ohio. Pinwheel register. 2,327,667; Aug. 24.
- Pfeiffer, William C., assignor to The Egly Register Company, Dayton, Ohio. Decollating machine. 2,334,283; Nov. 16.
- Pfeil, William C., Chicago, Ill. Apparatus for cutting ice. 2,316,282; Apr. 13.
- Pfennig, Reuben F., and C. R. Davis, Baytown, Tex., assignors to Standard Oil Development Company. Treating black wax. 2,315,077; Mar. 30.
- Pfenninger, Hans, Wettingen, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Axial blower. 2,316,452; Apr. 13.
- Pfingsten, August F. (See Slotky, S. J., and Pfingsten.)
- Pfister, Pierre, assignor to the firm Societe Industrielle de Sonceboz SA, Sonceboz, Switzerland. Timepiece with chronograph. 2,325,539; July 27.
- Pfister, Pierre, Sonceboz, Switzerland. Change speed gear for three graduated speed ratios. 2,327,740; Aug. 24.
- Pfisterer, Leo, Gordon, Nebr. Heater for stock watering tanks. 2,331,081; Oct. 5.
- Pfizer, Chas., & Co., et al. (See Kane, J. H., Finlay, and Amann, assignors.)
- Pfizer, Charles & Company. (See Pasternack, R., and Brown, assignors.)
- Pfizer, Charles & Company. (See Pasternack, R., and Fatselski, assignors.)
- Pfizer, Chas., & Co., et al. (See Waksman, Selman A., assignor.)
- Pfager, Harry M. (See Adams, E. G., and Pfager.)
- Pfager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,330,912; Oct. 5.
- Pfasterer, George R., Greenville, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,327,748; June 1.
- Pfasterer, George R., Greenville, assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,330,515; Sept. 28.
- Pfasterer, George R., Greenville, assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,334,506; Nov. 16.
- Pfefer, George T. (See Myers, T. G., and Pfefer.)
- Pfeifer, Kenneth W., Arlington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse repeater. 2,315,733; Apr. 6.
- Pfeifer, Kenneth W., Arlington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse repeater. 2,328,671; Sept. 7.
- Pfeifer, Kenneth W., Arlington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Code signaling system. 2,337,493; Dec. 21.
- Pfleumer, Hans, New Brunswick, N. J., assignor to Rubatex Products, Inc., New York, N. Y. Pressure chamber. 2,335,309; Nov. 30.
- Pfueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Device for covering and skinning animals. 2,307,741; Jan. 12.
- Phair, Robert S., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Electrical control system. 2,330,377; Sept. 28.
- Phaneuf, Wilrose J., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Roughing broach. 2,312,929; Mar. 2.
- Phaneuf, Wilrose J., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Roughing broach. 2,314,160; Mar. 16.
- Phaneuf, Wilrose J., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Circular broaching cutter. 2,315,982; Apr. 6.
- Phaneuf, Wilrose J., assignor to The La Pointe Machine Tool Company, Hudson, Mass. Sectional pull broach. 2,331,499; Oct. 12.
- Phares, Thomas E., assignor to Chambers Corporation, Shelbyville, Ind. Valve arrangement for gas ranges. 2,335,443; Nov. 30.
- Phares, Thomas E., assignor to Chambers Corporation, Shelbyville, Ind. Gas range oven. 2,337,301; Dec. 21.
- Phelan, Louis A. M., Rockton, Ill. Insulated freezer shell and transmission. 2,314,508; Mar. 23.
- Phelan, Louis V., Wayland, assignor to Dennison Manufacturing Company, Framingham, Mass. Seed germinating tray. 2,318,711; May 11.
- Phelan, Stephen R., Memphis, Tenn. Making geophysical surveys. 2,314,597; Mar. 23.
- Phelps, Clyde H. (See Weaver, I. A., and Phelps.)
- Phelps, Clyde H., assignor to Weaver Manufacturing Company, Springfield, Ill. Gas flow indicator. 2,319,516; May 18.
- Phelps, Clyde H., assignor to Weaver Manufacturing Company, Springfield, Ill. Gas analyzer. 2,326,884; Aug. 17.
- Phelps Dodge Corporation. (See Osborn, W. H., and Smith, assignors.)
- Phelps Dodge Corporation. (See Osborn, W. H., Twinner, and Smith, assignors.)
- Phelps, George L. (See Duncan, J. K., and Phelps.)
- Phelps, Paul. (See Miller, B. D., Phelps, and Beavly.)
- Phelps, Ross H. (See Wahlberg, N. E., Phelps, and Berry.)
- Phelps, Ross H., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Steering knuckle. 2,311,125; Feb. 16.
- Phelps, Walter A., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier wave production and control. 2,314,422; Mar. 23.
- Phelps, William D., Schenectady, N. Y., assignor to General Electric Company. Artificial reverberation system. 2,318,417; May 4.
- Pheneger, Burt E. (See Ayers, A. L., and Pheneger.)
- Philadelphia Gear Works, Inc. (See Benson, R. C., and Mageoch, assignors.)
- Philadelphia Gear Works, Inc. (See Benson, R. C., and Paine, assignors.)
- Philadelphia Gear Works, Inc. (See Panish, Erwin J., assignor.)
- Philadelphia Quartz Company. (See Baker, C. L., and Dedrick, assignors.)
- Philadelphia and Reading Coal and Iron Company, The. (See Hyson, J. A., and Kerrick, assignors.)

Philadelphia Thermometer Company. (See Schwartz, John I., assignor.)

Philbin, Wilfred L., Frankfort, and R. H. Seobell, Herkimer, assignors to Remington Rand Inc., Buffalo, N. Y. Card punch. 2,307,638; Jan. 5.

Philbrick, Frank H., Evanston, Ill. Apparatus for handling ballast in railway road-beds. 2,309,712; Feb. 2.

Phileo Corporation. (See Erickson, Carl P., assignor.)

Phileo Corporation. (See Gerhard, Charles E., assignor.)

Phileo Corporation. (See Hull, Robert W., assignor.)

Phileo Corporation. (See Rundell, Theodore W., assignor.)

Phileo Corporation. (See Shoemaker, Malcolm G., assignor.)

Phileo Radio and Television Corporation. (See Bingley, Frank J., assignor.)

Phileo Radio and Television Corporation. (See Bradley, William E., assignor.)

Phileo Radio and Television Corporation. (See Crowley, John F., assignor.)

Phileo Radio and Television Corporation. (See Farrow, Frederick R., Jr., assignor.)

Phileo Radio and Television Corporation. (See Green, Willard J., assignor.)

Phileo Radio and Television Corporation. (See Grinditch, William H., assignor.)

Phileo Radio and Television Corporation. (See Kneebel, Frances L., assignor.)

Phileo Radio and Television Corporation. (See Lyman, Harry J., assignor.)

Phileo Radio and Television Corporation. (See Lyman, H. J., Mills, and Friedrich, assignors.)

Phileo Radio and Television Corporation. (See Matthews, Alfred C., assignor.)

Phileo Radio and Television Corporation. (See McCoy, Claudius T., assignor.)

Phileo Radio and Television Corporation. (See McCoy, C. T., and Craig, assignors.)

Phileo Radio and Television Corporation. (See Miller, Ambrose C., assignor.)

Phileo Radio and Television Corporation. (See Newbold, William H., assignor.)

Phileo Radio and Television Corporation. (See Smith, David B., assignor.)

Phileo Radio and Television Corporation. (See Stephan, Ingo L., assignor.)

Phileo Radio and Television Corporation. (See Thompson, Elmer O., assignor.)

Phileo Radio and Television Corporation. (See Thompson, M. L. and E. O., assignors.)

Phileo Radio and Television Corporation. (See Travis, Charles, assignor.)

Phileo Radio and Television Corporation. (See Zepp, Louis H., assignor.)

Phillip, Thomas B. (See Stanley, H. M., and Phillip.)

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,315,222; Mar. 30.

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,309,533; Jan. 26.

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,315,221; Mar. 30.

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,317,081; Apr. 20.

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,317,082; Apr. 20.

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,319,878; May 25.

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,321,771; June 15.

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,321,772; June 15.

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,325,705; Aug. 3.

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,325,706; Aug. 3.

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,329,647; Sept. 14.

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,329,648; Sept. 14.

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,330,913; Oct. 5.

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,330,914; Oct. 5.

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,330,915; Oct. 5.

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,330,916; Oct. 5.

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,330,917; Oct. 5.

Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,334,284; Nov. 16.

Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,336,418; Dec. 7.

Philippbar, Frank J. (See McCluer, W. B., Huffard, and Philippbar.)

Philipp, Edward H., Evanston, Ill. Advertising apparatus. 2,333,490; Nov. 2.

Philipp, Theodore F., East St. Louis, Ill. Polishing machine. 2,322,589; June 22.

Philipp, Theodore F., St. Louis, Mo. Balanced rotary body. 2,334,285; Nov. 16.

Philips, Harlow D., assignors to Eastman Kodak Company, Rochester, N. Y. Double exposure prevention device. 2,307,748; Jan. 12.

Philipsberg, Henry, Bronx, N. Y. Window sash lock. 2,310,312; Feb. 9.

Phillmore, Charles E., assignor to The Bell & Howell Company, Chicago, Ill. Photographic dissolve device. 2,307,297; Jan. 5.

Phillips, Gray Manufacturing Company, The. (See Greider, H. W., and MacArthur, assignors.)

Phillips, Albert J. (See Betterton, J. O., Phillips, and Linford.)

Phillips, Clifford T., Red Hook, N. Y. Poultry feeder. 2,325,976; Aug. 3.

Phillips, Edmund M., Marblehead, Mass., assignor to General Electric Company. Elastic fluid turbine arrangement. 2,336,290; Dec. 7.

Phillips, Earl E., Schuylerville, N. Y. Electric circuit service head. 2,309,920; Feb. 2.

Phillips, Ellis J. G., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Panic bolt. 2,320,298; May 25.

Phillips, Emil C., Cape Girardeau, Mo. Cultivator. 2,333,881; Nov. 9.

Phillips, Eugene J. (See Jostich, R. Jr., and Phillips.)

Phillips, Francis L., Beechurst, L. I., assignor to Beattie Products, Inc., New York, N. Y. Jet lighter. 2,318,327; May 4.

Phillips, George L., Newkirk, Okla. Model adapted to lifting and bowing. 2,332,254; Oct. 19.

Phillips, George M., and W. P. Rutherford, deceased, by Susan B. Rutherford, administratrix, Louisville, Ky. Smoke preventer. 2,320,299; May 25.

Phillips, Gerald E. (See Hewlett, A. P., and Phillips.)

Phillips, Gerald E., Cranford, N. J., assignor to Standard Oil Development Company. Refining of mineral oils. 2,331,343; Oct. 12.

Phillips, Gilbert, et al. (See Behrens, Phillip H., assignor.)

Phillips, Harold F., Belmont, Mass. Machine for reconditioning bowling pins. 2,309,532; Jan. 26.

Phillips, Harold P., assignor to Hastings-Manufacturing Company, Hastings, Mich. Piston expander. 2,307,948; Jan. 12.

Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,309,477; Jan. 26.

Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring assembly. 2,310,311; Feb. 9.

Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,313,395; Mar. 9.

Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston expander. 2,313,396; Mar. 9.

Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,317,637; Apr. 27.

Phillips, Harold P., and W. C. Rivers, assignors to Hastings Manufacturing Company, Hastings, Mich. Oil line metering plug. 2,317,638; Apr. 27.

Phillips, Harry, Greenwich, Conn. Cushion support for furniture. 2,317,080; Apr. 20.

Phillips, Harry A., Chicago, Ill. Oil separator for refrigeration systems. 2,314,516; Mar. 13.

Phillips, Henry, and W. R. Middlebrook, Leeds, England. Treatment of wool to diminish shrinkage. 2,322,313; June 22.

Phillips, Irvine L., Long Beach, assignor to Seal-Pack Corporation, San Francisco, Calif. Packing perishables and package. 2,336,291; Dec. 7.

Phillips, John H., Pittsburgh, Pa. Coping tile. 2,324,643; Jul. 20.

Phillips, Mary C., Malden, Mass. Battery holder. 2,328,095; Aug. 31.

Phillips, Michael J., assignor to Pump Engineering Service Corporation, Cleveland, Ohio. Flow restrictor. 2,307,949; Jan. 12.

Phillips, Michael M., et al. (See Till, Steven L., assignor.)

Phillips, Montague A. (See Ewins, A. J., and Phillips.)

Phillips, Paul D., Elmhurst, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Electric lighting fixture. 2,330,738; Sept. 28.

Phillips Petroleum Company et al. (See Auld, D. W., and Anderson, assignors.)

Phillips Petroleum Company. (Bailey, G. C., and Reid, assignors.)

- Phillips Petroleum Company. (See Bailey, Roy E., assignor.)
- Phillips Petroleum Company. (See Benz, George R., assignor.)
- Phillips Petroleum Company. (See Benz, G. R., and Zeigler, assignors.)
- Phillips Petroleum Company. (See Blaker, David G., assignor.)
- Phillips Petroleum Company. (See Cantrell, Cyrus D., Jr., assignor.)
- Phillips Petroleum Company. (See Carney, Samuel C., assignor.)
- Phillips Petroleum Company. (See Crites, Wilbur J., assignor.)
- Phillips Petroleum Company. (See Downs, George F., assignor.)
- Phillips Petroleum Company. (See Drennan, Harry E., assignor.)
- Phillips Petroleum Company. (See Drennan, H. E., and Farrell, assignors.)
- Phillips Petroleum Company. (See Drennan, H. E., Hiatt, and Creel, assignors.)
- Phillips Petroleum Company. (See Fisher, Gordon H., assignor.)
- Phillips Petroleum Company. (See Frey, Frederick E., assignor.)
- Phillips Petroleum Company. (See Frey, F. E., and Hepp, assignors.)
- Phillips Petroleum Company. (See Garretson, Owen L., assignor.)
- Phillips Petroleum Company. (See Goodson, L. B., Montgomery, and Henry, assignors.)
- Phillips Petroleum Company. (See Griffith, Harry L., assignor.)
- Phillips Petroleum Company. (See Hachmuth, Karl H., assignor.)
- Phillips Petroleum Company. (See Harlow, Frederick J., assignor.)
- Phillips Petroleum Company. (See Hays, Harrison L., assignor.)
- Phillips Petroleum Company. (See Henry, R. W., and Britton, assignors.)
- Phillips Petroleum Company. (See Henry, R. W., and Montgomery, assignors.)
- Phillips Petroleum Company. (See Henry, R. W., Montgomery, and Lawson, assignors.)
- Phillips Petroleum Company. (See Hepp, H. J., and Jones, assignors.)
- Phillips Petroleum Company. (See Huntington, Richard L., assignor.)
- Phillips Petroleum Company. (See Kaveler, Herman H., assignor.)
- Phillips Petroleum Company. (See Kelly, Harold S., assignor.)
- Phillips Petroleum Company. (See Kerr, Arthur N., assignor.)
- Phillips Petroleum Company. (See Kitsman, William L., assignor.)
- Phillips Petroleum Company. (See Lawson, Shelby D., assignor.)
- Phillips Petroleum Company. (See Lawson, S. D., and Henry, assignors.)
- Phillips Petroleum Company. (See Legatski, Harold R., assignor.)
- Phillips Petroleum Company. (See Legatski, H. R., Swedloff, and McCullough.)
- Phillips Petroleum Company. (See Loughlin, Harvey B., assignor.)
- Phillips Petroleum Company. (See MacSporran, Charles, assignor.)
- Phillips Petroleum Company. (See Mathis, C. H., and Rumpack, assignors.)
- Phillips Petroleum Company. (See Mattocks, Elmer O., assignor.)
- Phillips Petroleum Company. (See Matuszak, Maryan P., assignor.)
- Phillips Petroleum Company. (See McCullough, Gerald W., assignor.)
- Phillips Petroleum Company. (See Montgomery, J. V., and Goodson, assignors.)
- Phillips Petroleum Company. (See Montgomery, J. V., Goodson and Henry, assignors.)
- Phillips Petroleum Company. (See Morey, G. H., and Frey, assignors.)
- Phillips Petroleum Company. (See Oberfell, G. G., and Frey, assignors.)
- Phillips Petroleum Company. (See Pankratz, Howard J., assignor.)
- Phillips Petroleum Company. (See Piety, Raymond G., assignor.)
- Phillips Petroleum Company. (See Reid, James A., assignor.)
- Phillips Petroleum Company. (See Riney, A. H., and Weber, assignors.)
- Phillips Petroleum Company. (See Robinson, Homer B., assignor.)
- Phillips Petroleum Company. (See Rugb, Kenneth W., assignor.)
- Phillips Petroleum Company. (See St. Clair, Theodore A., assignor.)
- Phillips Petroleum Company. (See Schulze, Walter A., assignor.)
- Phillips Petroleum Company. (See Schulze, W. A., and Buell, assignors.)
- Phillips Petroleum Company. (See Schulze, W. A., and Hillier, assignors.)
- Phillips Petroleum Company. (See Schulze, W. A., and Morris, assignors.)
- Phillips Petroleum Company. (See Schulze, W. A., Ruoho and Short, assignors.)
- Phillips Petroleum Company. (See Schulze, W. A., and Short, assignors.)
- Phillips Petroleum Company. (See Schulze, W. A. Short, and Helmers, assignors.)
- Phillips Petroleum Company. (See Thomas, Rosswell W., assignor.)
- Phillips Petroleum Company. (See Thomas, R. W., assignor.)
- Phillips Petroleum Company. (See Trimble, H. M., and Couch, assignors.)
- Phillips Petroleum Company. (See Weatherby, Eugene J., assignor.)
- Phillips Petroleum Company. (See Youker, M. P., and Creel, assignors.)
- Phillips, Porter L., Bakersfield, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Platform supporting means. 2,308,210; Jan. 26.
- Phillips, Ralph P., and M. L. Clifton, Glendale, Calif. Core drilling device. 2,313,576; Mar. 9.
- Phillips, Robert L., Memphis, Tenn. Store window showcase. 2,319,433; May 18.
- Phillips Screw Company. (See Blair, Walter, assignor.)
- Phillips, Stanton, Atlantic City, N. J. Portable ash tray. 2,320,647; June 1.
- Phillips, Stephen C., Everett, Wash. Submarine escape. 2,323,238; June 29.
- Phillips Telescopic Taps Limited. (See Bradbury, Thomas, assignor.)
- Phillips, Terrence N. D. (See Baum, F. E., and Phillips.)
- Phillips, Warren E., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber composition. 2,337,680; Dec. 25.
- Phillips, Willard D., and R. A. Van Fossen, Chicago, Ill., assignors, by mesne assignments, to The Dow Chemical Company, Midland, Mich. Degreasing apparatus. 2,329,674; Sept. 14.
- Phipps, Charles A., Hartsdale, N. Y. Hair drying apparatus. 2,314,101; Mar. 16.
- Phipps, George S. (See Bouton, G. M., Phipps, and Schumacher.)
- Phipps, John T., Huntington Park, assignor to H. C. Smith Oil Tool Co., Compton, Calif. Pump jack. 2,308,823; Jan. 19.
- Phipps, John T., Huntington Park, Calif. Well tool. 2,329,939; Sept. 21.
- Phipps, Orville, Denver, Colo., assignor to Central Mine Equipment Co., St. Louis, Mo. Mining machine bit. 2,330,081; Sept. 21.
- Phoenix Glass Company, The. (See Claspy, Hugh J., assignor.)
- Phoenix Glass Company, The. (See Stewart, Andrew H., assignor.)
- Phoenix, Harry E., Bakersfield, Calif. Angle blade attachment. 2,336,124; Dec. 7.
- Phoenix Metal Cap Co. Inc. (See Crabbe, Lindsay T., assignor.)
- Phoenix Novelty Textile Printers. (See Darenberg, G. W., and Shea, assignors.)
- Phoenix State Bank and Trust Company, administrator. (See Moore, Frederick T.)
- Phoenix Trimming Company. (See Neff, Edward A., assignor.)
- Phonovision Corporation. (See Eakins, John F., assignor.)
- Phosphor Bronze Company Limited, The. (See Smithson, W., and Hyslop, assignors.)
- Photostat Corporation. (See Landrock, Paul, assignor.)
- Physicists Research Company. (See Abbott, Ernest J., assignor.)
- Physioc, Willis J., Jr. (See Smith, R. G., and Physioc, Jr.)
- Piazza, Thomas E., Milwaukee, and R. E. Hanson, Wauwatosa, Wis., assignors, by mesne assignments, to Simplex Wrapping Machine Co., Oakland, Calif. Apparatus for producing bags. 2,330,446; Sept. 28.
- Picard, John B., Toledo, Ohio, assignor to The National Supply Company, Pittsburgh, Pa. Pumping jack. 2,307,952; Jan. 12.
- Picard, Napoleon. (See Shepard, J. H., and Picard.)
- Picard, René, and R. Fays, Paris, France; vested in the Alien Property Custodian. Making retractile articles. 2,318,796; May 11.
- Picard, René, and R. Fays, Paris, France; vested in the Alien Property Custodian. Making retractile articles. 2,320,581; June 1.
- Picard, Alfred W., assignor, by mesne assignments, to I. C. Miller, Denver, Colo. Device for heating paraffin in oil wells. 2,335,961; Dec. 7.
- Pick, Eric. (See Bowers, H. L., and Pick.)
- Pick, Joseph V. (See Martin, O. E., Pick, and Reed.)
- Pickel, Frank D. (See Price, D., May, and Pickel.)
- Pickell, Clark A., assignor to General Railway Signal Company, Rochester, N. Y. Railway signaling system. 2,314,241; Mar. 16.
- Pickens, C. C. (See Watson, James O., assignor.)
- Pickens, Scott, Portland, assignor of one-third to J. Luis, Klamath Falls, Ore. Adjusting device for stripping blades. 2,315,652; Apr. 6.

- Pickering, Frank O. (See Pickering, Glenroy and F. O.)
 Pickering, Glenroy, Parkersburg, W. Va. Drapery plifter and squeezer. 2,337,468; Dec. 21.
 Pickering, Glenroy and F. O., Marietta, Ohio. Window ventilator. 2,322,590; June 22.
 Pickering Governor Company, The. (See Crafts, I. M., and Taylor, assignors.)
 Pickert, Oscar A., Newark, assignor to Hercules Powder Company, Wilmington, Del. Polymerization of resin and rosin esters. 2,320,795; June 1.
 Pickles, John. (See Pickles, Robert and J.)
 Pickles, Robert and J., Burnley, England. Manufacture of elastic tubular garments. 2,325,977; Aug. 3.
 Pickley, Leonard B., assignor to Walt Disney Productions, Los Angeles, Calif. Creating illusions. 2,314,629; Mar. 23.
 Picketslay, William M. (See Montgomery, T. B., Sellers, and Picketslay.)
 Pickus, Milton R., Janesville, Wis., assignor to The Parker Pen Company. Ruthenium alloy pen point. 2,328,580; Sept. 7.
 Pidgcon, Elmer F., Spiceland, Ind. Window shade mounting. 2,324,423; July 13.
 Pidgcon, Lloyd M., Rockcliffe, assignor, by mesne assignments, to Dominion Magnesium Limited, Toronto, Ontario, Canada. Method and apparatus for recovering volatilizable metals. 2,330,142; Sept. 21.
 Pidgcon, Lloyd M., Rockcliffe Park, assignor, by mesne assignments, to Dominion Magnesium Limited, Toronto, Ontario, Canada. Method and apparatus for producing magnesium. 2,330,143; Sept. 21.
 Pie-Pak Company. (See Damrow, George E., assignor.)
 Pied-Piper Animal Trap Company. (See Colwell, W., and Allen, assignors.)
 Pieper, Chester R., Warrenton, Mo. Earth anchor. 2,335,530; Nov. 30.
 Pieper, Chester R., assignor to Iron Products Corporation, La Crosse, Wis. Earth anchor. 2,320,464; June 1.
 Pier, Mathias, Heidelberg, and F. Christmann, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Production of lubricating oils. 2,318,625; May 11.
 Pier, Mathias, Heidelberg, and E. Donath, Mannheim, Germany; vested in the Alien Property Custodian. Production of products rich in unsaturated hydrocarbons. 2,315,626; May 11.
 Pier, Mathias, Heidelberg, and E. Donath, Mannheim, Germany, assignors to Standard Catalytic Company. Process for the catalytic destructive hydrogenation of heavy oils or residues containing asphalt. 2,325,072; July 27.
 Pier, Mathias, Heidelberg, and G. Free, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Production of non-knocking motor fuels. 2,326,166; Aug. 10.
 Pier, Mathias, Heidelberg, and G. Free, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Conversion of combustible carbonaceous materials. 2,326,799; Aug. 17.
 Pier, Mathias, Heidelberg, and V. Fuener, and G. Free, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Carrying out reactions with carbonaceous substances. 2,326,800; Aug. 17.
 Pier, Mathias, Heidelberg, K. Peters, and G. Free, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Splitting of hydrocarbons. 2,331,930; Oct. 19.
 Pier, Mathias, Heidelberg, and F. Christmann, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Condensation product and preparing same. 2,337,922; Dec. 28.
 Pierce, C. S., Company. (See Whitman, Hyman L., assignor.)
 Pierce Governor Company. (See Benjamin, Walter E., assignor.)
 Pierce, Erol F., Pines Lake, N. J., assignor to Wright Aeronautical Corporation. Throttle control device.
 Pierce, Erol F., Paterson, and F. J. Weiland, Ridge-wood, N. J., assignors to Wright Aeronautical Corporation. Valve timing device. 2,326,882; Aug. 17.
 Pierce, Frank L., Garden City, N. Y., H. B. White, North Canton, Ohio, and U. A. Whitaker, New York, N. Y., assignors to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,325,796; Aug. 5.
 Pierce, George R., Claremont, N. H. Article handling means. 2,337,923; Dec. 28.
 Pierce, Harold C., Pomona, Calif. System and truck for loading boxed produce. 2,316,614; Apr. 13.
 Pierce, James B., Jr., Charleston, W. Va., deceased; The First National Bank of Tampa, Fla., executor. Manufacture of neutral blanc fixe. 2,320,980; June 1.
 Pierce, John B., Foundation. (See Anderegg, Frederick O., assignor.)
 Pierce, John B., Foundation. (See Groeniger, William C., assignor.)
 Pierce, John B., Foundation. (See Morten, Louis G., assignor.)
 Pierce, John B., Foundation. (See Morten, L. G., and O'Brien.)
 Pierce, John B., Foundation. (See O'Brien, Joseph F., assignor.)
 Pierce, John B., Foundation. (See Stilwell, William E., Jr., assignor.)
 Pierce, John B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,318,418; May 4.
 Pierce, John R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Television transmitter. 2,324,534; July 20.
 Pierce, Lawrence, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Enclosed circuit interrupter. 2,313,170; Mar. 9.
 Pierce, Lawrence, Edgewood, and J. W. Samadine, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric switch. 2,313,964; Mar. 16.
 Pierce, Lew D. (See Montague, S. F., and Pierce.)
 Pierce, Lewis B., Winthrop, Mass. Collapsible container and producing it. 2,330,311; Sept. 25.
 Pierce, Raymond C., Chicago, Ill. Draft gear. 2,307,236; Jan. 5.
 Pierce, Robert C., Niles, Mich., assignor to National Standard Company. Rubber adherent composition. 2,307,801; Jan. 12.
 Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Annealing apparatus. 2,310,991; Feb. 16.
 Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Annealing stem. 2,334,439; Nov. 16.
 Pierce, Robert C. and L. G. Berquist, assignors to National Standard Company, Niles, Mich. Wire drawing machine. 2,311,775; Feb. 23.
 Pierce, Robert E., Los Angeles, Calif., assignor to Bemis Bro. Bag Company, St. Louis, Mo. Cutoff machine. 2,336,957; Dec. 14.
 Pierce and Stevens, Incorporated. (See Stevens, A. L., and D'Innocenzo, assignors.)
 Pierces, William, Philadelphia, Pa. Paint applying device. 2,321,511; June 8.
 Pierle, Henry C., deceased, The Central Trust Company, executor and trustee, assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Gun boring tool. 2,326,333; May 25.
 Pierrel, Robert J., Champaign, Ill. Smokeless briquette. 2,321,238; June 8.
 Pierson, Benjamin J., Johnstown, assignor to Formrite Bacon Press Corporation, West Albany, N. Y. Press. 2,307,333; Jan. 5.
 Pierson, Harold L., assignor to E. P. Reed & Co., Rochester, N. Y. Shoe and its manufacture. 2,319,879; May 25.
 Pierson, Harold L., assignor to E. P. Reed & Co., Rochester, N. Y. Making shoe sole blanks. 2,332,597; Oct. 26.
 Pierson, Paul R. (See Rugg, H. H., and Pierson.)
 Pierson, Ralph C., and W. G. Schepman, Indianapolis, Ind., assignors to Carbide and Carbon Chemicals Corporation. Cylinder supporting and protecting device. 2,313,945; Mar. 16.
 Pierson, Raymond H. (See Eggleston, H. L., Pierson, and Mullin.)
 Pietsch, Leonard C., Gary, Ind., assignor to Inland Steel Company, Chicago, Ill. Grapple. 2,329,554; Sept. 14.
 Pietschack, Ernst, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Producing mosaic electrodes. 2,337,569; Dec. 28.
 Pietry, Raymond G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Method and apparatus for surveying wells. 2,316,361; Apr. 13.
 Pietry, Raymond G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Well surveying device. 2,333,883; Nov. 9.
 Pietry, Raymond G., Bartlesville, Okla., assignor to Phillips Petroleum Company. Marking device. 2,337,269; Dec. 21.
 Pifer, George N., Cleveland Heights, Ohio. Photographing apparatus. 2,315,452; Mar. 30.
 Pigzott, Henry A., Elmer Greenhalgh, R., and Pigzott.)
 Pike, Arthur B., Stoneham, Mass. Calipers. 2,332,010; Oct. 19.
 Pike, Charles O., and J. E. Snyder, assignors to Wing-foot Corporation, Akron, Ohio. Making tamperproof closure bands. 2,328,845; Sept. 7.
 Pike, Nathan R., New Rochelle, N. Y., P. H. Kelm, Fort Lee, and G. A. McLaren, Jr., West Englewood, N. J., assignors to Applied Sugar Laboratories, Inc., New York, N. Y. Sugar plasticizer product. 2,322,736; June 22.
 Piker, Herbert M., assignor to The Hamilton Metal Products Company, Hamilton, Ohio. Carrying means. 2,314,799; Mar. 23.
 Piker, Maurice L., assignor to Eastman Kodak Company, Rochester, N. Y. Coating cellulose derivative sheeting. 2,303,024; Jan. 12.
 Piker, Maurice L., assignor to Eastman Kodak Company, Rochester, N. Y. Forming decorative sheeting. 2,336,292; Dec. 7.
 Piki, Josef. (See Engelmann, M., and Piki.)
 Piki, Josef, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical compounds and preparing the same. 2,327,213; Aug. 17.
 Piki, Josef, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic compound and preparing the same. 2,328,358; Aug. 31.

- Pikl, Josef, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic thiocyanates and isothiocyanates and preparing the same. 2,331,276; Oct. 5.
- Pikul, Joseph H., West Newton, Mass. Buttonhole sewing machine. 2,324,235; July 13.
- Pilat, Stanislaw, and Marian Godiewicz, Lemberg, Poland, assignors to Shell Development Company, San Francisco, Calif. Method of treating mineral oils. 2,315,131; Mar. 30.
- Pilcher, Harold W., Rock Island, assignor to Deere & Company, Moline, Ill. Auger conveyor. 2,311,865; Feb. 23.
- Pilcher, William S. (See Davis, C. O., and Pilcher.)
- Pilcher, William S. (See Johnson, C. R., Pilcher, and Stanley.)
- Pilcher, William S., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Shell-feeding device. 2,320,465; June 1.
- Pillero, James, Astoria, assignor to Dickson Wire & Cable Corp., Long Island City, N. Y. Resilient support. 2,313,171; Mar. 9.
- Pillero, James, Long Island City, and N. Goldberg, New York, assignors, by mesne assignments, to Dickson Wire & Cable Corporation, Long Island City, N. Y. Spring structure. 2,315,543; Apr. 6.
- Pillington Brothers Limited. (See Gaskell, Joseph, assignor.)
- Pilkington Brothers Limited. (See Waldron, F. B., and Griffin, assignors.)
- Pilliod, James J., Scarsdale, and E. B. Griffen, Port Chester, N. Y., assignors to American Telephone and Telegraph Company. Sag equalizing device. 2,307,900; Jan. 12.
- Pilliod, Raymond V. (See Mohr, Lloyd, assignor.)
- Pillsbury Flour Mills Company. (See McDonald, Hugh, assignor.)
- Pillsbury Flour Mills Company. (See Parsons, Alexander, assignor.)
- Pillsbury, Howard G., and E. B. Ingersoll, assignors to Chamberlain Metal Weather Strip Company, Detroit, Mich. Wall and building structure. 2,318,966; May 11.
- Pillsbury, Howard G., and E. B. Ingersoll, assignors to Chamberlain Metal Weather Strip Company, Detroit, Mich. Wall structure. 2,318,967; May 11.
- Pilon, Catherine, administratrix. (See Berners, Edward C.)
- Pilson, Turner E., Roanoke, Va. Motor mount. 2,323,153; June 29.
- Plinell, John R., U. S. Navy. Radio speed key. 2,325,631; Aug. 3.
- Pineo, Orrin W., Milo, Maine, assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Infrared spectrophotometer. 2,314,800; Mar. 23.
- Pineo, Orrin W., Milo, Maine, assignor to American Cyanamid Company, New York, N. Y. Spectrophotometer monochromator drive. 2,328,293; Aug. 31.
- Pines, Herman. (See Grosse, A. V., and Pines.)
- Pines, Herman. (See Ipatieff, V. N., and Pines.)
- Pines, Herman. (See Ipatieff, V. N., and Pines.)
- Pines, Herman, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,315,078; Mar. 30.
- Pingarron, Adolf J., Hollis, assignor to Interchemical Corporation, New York, N. Y. Printing ink. 2,335,882; Dec. 7.
- Pingel, William G., Withee, Wis. Animal holder. 2,331,224; Oct. 5.
- Pings, Wilbur B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cleaning composition. 2,317,112; Apr. 20.
- Pings, Wilbur B., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Product and process. 2,335,608; Nov. 30.
- Pinkney, Paul S. (See Burke, W. J., Maxwell and Pinkney.)
- Pinkney, Paul S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile treatment. 2,311,080; Feb. 16.
- Pinney, H. H. (See Smith, Lewis H., assignor.)
- Pinney, H. H. (See Williamson, Larkin R., assignor.)
- Pinniger, Roy E., Waukegan, Ill., assignor to The American Steel Wire Company of New Jersey. Burner basket. 2,319,628; May 18.
- Pino, Vincent, New York, N. Y. Self-feeding paintbrush. 2,336,419; Dec. 7.
- Pinson, James L., Cairo, Ga. Poultry fountain. 2,324,020; July 13.
- Pinyan, Neal B., Los Angeles, Calif., assignors to Friden Calculating Machine Co., Inc. Calculating machine. 2,329,649; Sept. 14.
- Ploch, William F., and T. M. Thornton, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Arbor. 2,334,954; Nov. 23.
- Pioneer Parachute Company. (See Smith, Floyd, assignor.)
- Pioneer Rubber Company. (See Lewis, Richard S., assignor.)
- Pioneer Rubber Company, The. (See Milligan, Ken L., assignor.)
- Pioneer Watch Case Co. (See Kramer, S., and Kahn, assignors.)
- Pipe Machinery Company, The. (See Robertson, Alexander F., assignor.)
- Piper, Henry S., Minneapolis, Minn. Display frame. 2,316,615; Apr. 13.
- Piper, John D. (See Komives, L. I., and Piper.)
- Piper, Walter F., assignor to The Beardsley & Piper Company, Chicago, Ill. Mulling apparatus. 2,318,797; Mar. 11.
- Piperoux, Rene P., Radburn, N. J., and D. G. Soussloff, New York, N. Y., assignors, by mesne assignments, to Celanese Corporation of America. Preparation of plastic molding material. 2,316,283; Apr. 13.
- Piquerez, Emile, Saint-Cloud, France; vested in the Alien Property Custodian. Lubrication of aero and other engines. 2,326,167; Aug. 10.
- Piquerez, Emile, Saint-Cloud, France; vested in the Alien Property Custodian. Apparatus for testing and indicating the condition of vehicle brakes. 2,326,168; Aug. 10.
- Piquerez, Emile, Saint-Cloud, France; vested in the Alien Property Custodian. Fluid delivery meter. 2,326,169; Aug. 10.
- Piquerez, Emile, Saint-Cloud, France; vested in the Alien Property Custodian. Filing limiter. 2,326,251; Aug. 10.
- Piro, Salvatore, Jr., Mangham, La. Artificial bait casting lure. 2,312,585; Mar. 2.
- Piron, Emil H., New York, N. Y., assignor to Transit Research Corporation. Door suspension and actuating means. 2,328,336; Jan. 12.
- Piron, Emil H., New York, N. Y., assignor to Transit Research Corporation. Fluid pressure actuated brake system. 2,318,798; May 11.
- Piron, Emil H., New York, N. Y., assignor to Transit Research Corporation. Combined steel and rubber spring. 2,322,879; June 29.
- Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Hydraulic braking system. 2,330,739; Sept. 28.
- Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Motor mounting. 2,331,628; Oct. 12.
- Piron, Emil H., New York, N. Y., assignor to Transit Research Corporation. Axle assembly. 2,335,080; Nov. 23.
- Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Pressure regulating valve for hydraulic brakes. 2,336,887; Dec. 14.
- Pirson, Sylvain J. G., State College, Pa., assignor of one-half to Shelley Krasnow, County of New York, N. Y. Method and apparatus for geoelectrical exploration. 2,319,764; May 18.
- Pirson, Sylvain J. G., State College, Pa., assignor to Geochemical Service Corporation. Geochemical prospecting of hydrocarbon deposits. 2,324,107; July 13.
- Pirwitz, Friedrich A. G., assignor to Wollensak Optical Company, Rochester, N. Y. Photographic shutter. 2,331,568; Oct. 12.
- Pirwitz, Friedrich A. G., assignor to Wollensak Optical Company, Rochester, N. Y. Photographic shutter. 2,331,569; Oct. 12.
- Pisani, Felipe S., Buenos Aires, Argentina. One-way dispensing closure for bottles and the like. 2,308,932; Jan. 19.
- Pischinger, Anton, Cologne-Deutz, and F. Antweiler, Cologne-Dellbrück, Germany; vested in the Alien Property Custodian. Internal combustion engine. 2,332,928; Oct. 26.
- Pison, William L. (See Bedell, Charles E., assignor.)
- Pissarevsky, Gregory J., New York, N. Y. Armor plate. 2,332,464; Oct. 19.
- Pitcairn, Harold F., Bryn Athyn, assignor to Autogiro Company of America, Philadelphia, Pa. Blade mounting for rotary wing aircraft. 2,311,247; Feb. 16.
- Pitman, Arthur L., Berkeley, Calif., assignor to Westvaco Chlorine Products Corporation, South Charleston, W. Va. Stabilizing chlorinated hydrocarbons. 2,319,261; May 18.
- Pitman, Earle C., Red Bank, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cementing process. Re. 22,361; Apr. 13.
- Pitman, Earle C., Red Bank, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Luminescent tube. 2,310,866; Feb. 9.
- Pitman, Earle C., Red Bank, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating corporation. 2,310,867; Feb. 9.
- Pittman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,311,866; Feb. 23.
- Pitman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,323,622; July 6.
- Pitney-Bowes Postage Meter Co. (See Hanson, Walter J., assignor.)
- Pitney-Bowes Postage Meter Co. (See Knauer, Berthold, assignor.)
- Pitney-Bowes Postage Meter Co. (See McFarlane, L. F., and Keyes, assignors.)
- Pitney-Bowes Postage Meter Company. (See Osterberg, Carl T., assignor.)
- Pitney-Bowes Postage Meter Company. (See Rouan, Francis J., assignor.)

- Pitney-Howes Postage Meter Company. (See Rouan, F. E., and Ford, assignors.)
- Pitney-Howes Postage Meter Company. (See Thatcher, Lunden A., assignor.)
- Pitney-Howes Postage Meter Co. (See Wheeler, Walter H., Jr., assignor.)
- Pitney, Earl H., Willmar, Minn. Automatic tuning mechanism for radio receivers. 2,322,387; July 22.
- Pitt, William, Union, N. J., assignor to Wilson-Jones Company, Chicago, Ill. Loose-leaf binder. 2,308,777; Jan. 19.
- Pitt, William, Union, N. J., assignor to Wilson-Jones Company, Chicago, Ill. Loose-leaf binder. 2,317,190; Feb. 23.
- Pittet, Henri, Biers-La-Croix, France; vested in the Alien Property Custodian. Electric device for distant indication. 2,316,987; Apr. 20.
- Pittman, Ernest W., Beaumont, Tex., assignor to The Petroleum Iron Works Company, of Texas. Tank support. 2,315,453; Mar. 30.
- Pittman, Ralph R., Pine Bluff, Ark. Expulsion lightning arrester. 2,330,918; Oct. 5.
- Pittman, Ralph R., Pine Bluff, Ark. Arc extinguisher. 2,332,398; Oct. 19.
- Pittman, Ralph R., Pine Bluff, Ark. Arc quencher. 2,332,399; Oct. 19.
- Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Tower directional fused network. 2,314,017; Mar. 16.
- Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Fuse switch. 2,328,540; July 27.
- Pittman, Ralph R., Pine Bluff, Ark. Voltage limiting and arc extinguishing device. 2,336,420; Dec. 7.
- Pittman, Walter V., Riverside, Calif. Rotary wardrobe. 2,326,004; Aug. 3.
- Pitts, Joseph M., Dayton, Ohio. Control cable system with improved compensating means. 2,323,352; July 6.
- Pitts, John D. (See Corey, F. Doetzel, and Pitts.)
- Pitts, William A. (See Barnette, L. A. M., and Pitts.)
- Pittsburgh Coke & Iron Company. (See Riethof, George, assignor.)
- Pittsburgh Corning Corporation. (See Jordan, John W., assignor.)
- Pittsburgh Corning Corporation. (See Kaziska, Anthony, assignor.)
- Pittsburgh Corning Corporation. (See Knudsen, P. E., and Desmone, assignors.)
- Pittsburgh Corning Corporation. (See Nichols, R., and Desmone, assignors.)
- Pittsburgh Corning Corporation. (See Rapp, George M., assignor.)
- Pittsburgh-Des Moines Company. (See Jackson, James O., assignor.)
- Pittsburgh Equitable Meter Company. (See Bergman, C. P., and Cornell, assignors.)
- Pittsburgh Equitable Meter Company. (See Chrisman, H., and Reid, assignors.)
- Pittsburgh Equitable Meter Company. (See Kindl, Frederick H., assignor.)
- Pittsburgh Equitable Meter Company. (See MacLean, Allen D., assignor.)
- Pittsburgh Equitable Meter Company. (See MacLean, A. D., and Niesemann, assignors.)
- Pittsburgh Pipe Cleaner Company. (See Robinson, K. I., and L. R., assignors.)
- Pittsburgh Plate Glass Company. (See Adams, Frederick W., assignor.)
- Pittsburgh Plate Glass Company. (See Adams, F. W., and Devoil, assignors.)
- Pittsburgh Plate Glass Company. (See Adams, F. W., and Lycan, assignors.)
- Pittsburgh Plate Glass Company. (See Ballintine, Elmer J., assignor.)
- Pittsburgh Plate Glass Company. (See Ballintine, E. J., and Painter, assignors.)
- Pittsburgh Plate Glass Company. (See Campbell, Walter E., assignor.)
- Pittsburgh Plate Glass Company. (See Crist, Philip W., assignor.)
- Pittsburgh Plate Glass Company. (See Dennison, Brook J., assignor.)
- Pittsburgh Plate Glass Company. (See Devoil, M. L., Crist, and Hazen, assignors.)
- Pittsburgh Plate Glass Company. (See Dice, Charles, assignor.)
- Pittsburgh Plate Glass Company. (See Frantz, John G., assignor.)
- Pittsburgh Plate Glass Company. (See Freeman, Stephen E., assignor.)
- Pittsburgh Plate Glass Company. (See French, Preston W., assignor.)
- Pittsburgh Plate Glass Company. (See Galey, Henry J., assignor.)
- Pittsburgh Plate Glass Company. (See Gerhart, H. L., and Bauer, assignors.)
- Pittsburgh Plate Glass Company. (See Halbach, H. L., Koupal, and Owen, assignors.)
- Pittsburgh Plate Glass Company. (See Haux, Elmer H., assignor.)
- Pittsburgh Plate Glass Company. (See Jenkins, John D., assignor.)
- Pittsburgh Plate Glass Company. (See Johnson, Melvin W., assignor.)
- Pittsburgh Plate Glass Company. (See Johnston, Perry, assignor.)
- Pittsburgh Plate Glass Company. (See Knudsen, Percy E., assignor.)
- Pittsburgh Plate Glass Company. (See Lytle, William O., assignor.)
- Pittsburgh Plate Glass Company. (See Marini, Herman K., assignor.)
- Pittsburgh Plate Glass Company. (See Means, Dwight R., assignor.)
- Pittsburgh Plate Glass Company. (See Miles, Ewell C., assignor.)
- Pittsburgh Plate Glass Company. (See Miller, Robert A., assignor.)
- Pittsburgh Plate Glass Company. (See Miller, R. A., and Eakins, assignors.)
- Pittsburgh Plate Glass Company. (See Muskat, Irving E., assignor.)
- Pittsburgh Plate Glass Company. (See Muskat, I. E., and Pollack, assignors.)
- Pittsburgh Plate Glass Company. (See Muskat, I. E., and Taylor, assignors.)
- Pittsburgh Plate Glass Company. (See Muskat, I. E., Pollack, Strain, and Pranta, assignors.)
- Pittsburgh Plate Glass Company. (See Owen, William, assignor.)
- Pittsburgh Plate Glass Company. (See Pechukas, Alphonse, assignor.)
- Pittsburgh Plate Glass Company. (See Pollack, Maxwell A., assignor.)
- Pittsburgh Plate Glass Company. (See Pollack, M. A., and Chemek, assignors.)
- Pittsburgh Plate Glass Company. (See Pollack, M. A., Muskat, and Strain.)
- Pittsburgh Plate Glass Company. (See Pollack, M. A., Strain, and Muskat, assignors.)
- Pittsburgh Plate Glass Company. (See Sherts, James H., assignor.)
- Pittsburgh Plate Glass Company. (See Smith, William G., assignor.)
- Pittsburgh Plate Glass Company. (See Truby, Harry A., assignor.)
- Pittsburgh Plate Glass Company. (See West, George L., assignor.)
- Pittsburgh Reflector Company. (See Hoeveler, John A., assignor.)
- Pittsburgh Steel Company. (See Babcock, Donald E., assignor.)
- Pittsburgh Steel Company. (See McNabb, Arthur E., assignor.)
- Pittsburgh Steel Drum Company. (See Elliott Harrison K., assignor.)
- Pittsburg Taximeter Company. (See Eisenschmidt, William, assignor.)
- Pitvo, Albert E., Clifton, assignor to Tri State Cap & Cap Machinery Co., Inc., Newark, N. J. Containal cover applying machine. 2,325,978; Aug. 3.
- Pitzer, Edgar C., assignor to Standard Oil Company, Chicago, Ill. Catalytic process of treating hydrocarbons. 2,319,948; May 25.
- Pitzer, Edgar C., assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion process. 2,328,846; Sept. 7.
- Pivert, Oliver, New Orleans, La. Dispensing device for beverages. 2,310,313; Feb. 9.
- Pizzarro, George, Los Angeles, Calif. Refrigerating tray. 2,314,499; July 6.
- Pizzarello, Roy A. (See Gessler, A. E., and Pizzarello.)
- Pizzarello, Roy A., Mount Vernon, assignor to Interchemical Corporation, New York, N. Y. Manufacture of 3-nitro-4-amino anisol. 2,325,797; Aug. 3.
- Pizzi, Albert L., Newark, and W. R. Quackenbush, Elizabeth, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Arbor chucking device. 2,315,004; Apr. 6.
- Place, Oscar F., Cranston, R. I., assignor to Cohn & Rosenberger, Inc. Ear ornament. 2,313,668; Mar. 9.
- Place, Bion C., Detroit, Mich. Heating and air conditioning unit. 2,312,123; Feb. 23.
- Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,318,182; May 4.
- Place, Palmer B., Tenafly, N. J., assignor to Combustion Engineering Company, Inc., New York, N. Y. Steam separator. 2,328,491; Aug. 10.
- Place, Robert, assignor to Graphic Microfilm Service, Inc., Waltham, Mass. Camera. 2,328,847; Sept. 7.
- Place, Robert, Waltham, assignor to Graphic Service Corporation, Boston, Mass. Reading machine. 2,332,810; Oct. 26.
- Place, Willard P. (See Agnew, N. F., and Place.)
- Place, Willard P., Wilkensburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,308,894; Jan. 19.
- Place, Willard P., Wilkensburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,312,050; Feb. 23.
- Place, Willard P., Wilkensburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Train detecting and reporting apparatus. 2,334,507; Nov. 16.
- Place, Willard P., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for railway train communication systems. 2,312,051; Feb. 23.
- Plagens, Tony A., Houston, Tex. Vegetable cutter. 2,333,194; Nov. 2.

- Plain, Urban L., Minneapolis, Minn. Mouthpiece. 2,330,516; Sept. 28.
- Plant, John H., Aurora, Ill. Shoe. 2,313,577; Mar. 9.
- Plant, Leland G., Washington, D. C. Locomotive coupling structure. 2,323,419; July 6.
- Plant, Leland G., Washington, D. C. Locomotive coaling apparatus. 2,331,724; Oct. 12.
- Plant, Leland G., Washington, D. C., assignor to Direct Steaming Corporation, Chicago, Ill. Method and apparatus for steaming locomotives. 2,336,958; Dec. 14.
- Plant, Thomas F., Mishawaka, Ind., assignor to United States Rubber Company, New York, N. Y. Raincoat. 2,319,085; May 11.
- Plante, Archie E., Oakland, Calif. Bathtub construction. 2,333,491; Nov. 2.
- Plante, Arthur N., Torrington, Conn. Sheet material structure. 2,311,867; Feb. 23.
- Plaston Company. (See Simons, John K., assignor.)
- Platt, Robert H., Upper Montclair, N. J. Apparatus for handling hat fur carrier material or the like. 2,317,937; Apr. 27.
- Platt, Robert H., Upper Montclair, assignor to The Chapel Donner Corporation, Newark, N. J. Apparatus for treating fur. 2,313,575; Mar. 9.
- Plastaras, James C., Laurelton, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,307,068; Jan. 5.
- Plastaras, James C., Laurelton, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing, casting, and distributing machine. 2,307,069; Jan. 5.
- Plastaras, James C., Laurelton, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,307,070; Jan. 5.
- Plastaras, James C., Laurelton, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,307,071; Jan. 5.
- Plastaras, James C., Laurelton, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing, casting, and distributing machine. 2,307,072; Jan. 5.
- Plastex Trim Corporation. (See Zimmerman, O. S., and Tully, assignors.)
- Plastic Binding Corporation. (See Nelson, C. B., and Spinner, assignors.)
- Plastic Inlays, Inc. (See Larmour, James J., assignor.)
- Plastic Inlays, Inc. (See Sypher, Milford G., assignor.)
- Plastic Metals, Inc. (See Young, John L., assignor.)
- Plastic Munters Refrigerating System Aktiebolag. (See Dunham, Jo K. G., assignor.)
- Platkin, Daniel, Los Angeles, Calif. Playing card case. 2,315,136; Mar. 30.
- Platt Brothers and Company Limited. (See Chantler, Thomas, assignor.)
- Platt, Clark I., Colona, and E. C. Filstrup, St. Joseph, assignors to Covell Manufacturing Company, Benton Harbor, Mich. Band saw stretcher. 2,334,837; Nov. 23.
- Platt, Samuel, San Francisco, Calif. Container. Minneapolis, Tenn. Paper box. 2,316,362; Apr. 13.
- Platz, Carl. (See Orthner, L., Platz, Keller, and Sönke.)
- Platz, Carl, and H. Wagner, Frankfurt-on-the-Main, H. Keppler, Leverkusen-Wiesdorf, and J. Nelles, Leverkusen-Schleibusch, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Aromatic sulphonic acids having capillary active properties and preparing them. 2,337,924; Dec. 28.
- Platz, Elwood T. (See Frank, W. H., and Platz.)
- Platz, Elwood T., assignor to Bulldog Electric Products Company, Detroit, Mich. Circuit breaker. 2,320,382; June 1.
- Platz, Elwood T., assignor to Bulldog Electric Products Company, Detroit, Mich. Circuit breaker. 2,330,237; Sept. 28.
- Platz, Elwood T., assignor to Bulldog Electric Products Company, Detroit, Mich. Switch. 2,335,081; Nov. 23.
- Platz, Elwood T., assignor to Bulldog Electric Products Company, Detroit, Mich. Switch. 2,335,082; Nov. 23.
- Platz, Elwood T., and W. H. Frank, assignors to Bulldog Electric Products Company, Detroit, Mich. Circuit breaker. 2,320,357; June 1.
- Platz, Henry T., assignor to Briggs Manufacturing Company, Detroit, Mich. Welding apparatus. 2,329,851; Sept. 21.
- Plaut, Carl S. (See Joachim, H., and Burton, assignors.)
- Plaut, Hermann F. (See Barrott, G. M., and Plaut.)
- Plaut, Hermann F., and G. P. Barrott, Mitchem Junction, assignors to Precision Grinding Limited, Mitchem Junction, Surrey, England. Linear dimension gauge or comparator. 2,307,950; Jan. 12.
- Plaut, Hermann F., G. P. Barrott, and C. W. True, assignors to Precision Grinding Limited, Mitchem Junction, Surrey, England. Optical instrument for observing, comparing, or measuring angles. 2,307,951; Jan. 12.
- Pleasant, Herman E., Grand Rapids, and F. M. Reiler, assignors to Crampton Manufacturing Company, Holland, Mich. Valve actuating lever. 2,313,840; Mar. 16.
- Pleiss, Walter H., Ludington, Mich. Ironing board. 2,311,612; Feb. 16.
- Plesner, Alexander W. (See Marholz, R. C., and Plesner.)
- Plesner, Alexander W., assignor to Belmont Radio Corporation, Chicago, Ill. Control apparatus. 2,319,472; May 18.
- Plesner, Alexander W., assignor to Belmont Radio Corporation, Chicago, Ill. Transmission mechanism. 2,321,317; June 8.
- Plepp, Gaston. (See Fink, H., and Plepp.)
- Pletcher, Clarence B., Buchanan, Mich. Cleaning device. 2,336,293; Dec. 7.
- Plevyak, Joseph B., Newton, N. J. Self-threading shut-off. 2,321,040; June 8.
- Plewes, Argyle C. (See Cox, H. L., and Plewes.)
- Plewes, Argyle C. (See Scott, R. F., and Plewes.)
- Plexico, Robert S., Royal Oak, assignor to General Motors Corporation, Detroit, Mich. Snubber for engine mountings. 2,324,021; July 13.
- Plochman, Carl M., Chicago, Ill. Food container. 2,310,113; Feb. 2.
- Ploeger, Clyde E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,316,284; Apr. 13.
- Ploeger, Clyde E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,320,097; May 25.
- Ploetz, Walter F. (See Lamb, E. P., Duff, and Ploetz.)
- Plog, William H., Clifton, N. J. One-way clutch. 2,323,353; July 6.
- Plotkin, Joseph H., Chicago, Ill., assignor to Oshkosh Trucks and Luggage, Oshkosh, Wis. Luggage construction. 2,317,083; Apr. 20.
- Plott, Ernest B. (See Stanier, J. S., and Plott.)
- Plott, Ernest B., and J. S. Stanier, assignors to The Youngstown Sheet & Tube Company, Youngstown, Ohio. Apparatus for coating metal strip or wire. 2,318,419; May 4.
- Plourde, William A., Kenmore, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Machine gun. 2,312,586; Mar. 2.
- Plow, Richard H. (See Katzen, R., Plow, and Olson.)
- Plowe, Edward W., Rochester, assignor to Schaefer-Ross Co., Inc., Webster, N. Y. Wall bracket display device. 2,335,609; Nov. 30.
- Plumb, Edwin W., Morris, Conn. Portable electric hack saw. 2,330,618; Sept. 28.
- Plumb, Frederic W., Huntington, N. Y. Diesel engine. 2,320,648; June 1.
- Plumb, Walter G., Ridgewood, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Four-square sheet trimming machine. 2,334,645; Nov. 16.
- Plume, William F. (See Benson, R. C., and Plume.)
- Plumeau, Joseph S., Bellaire, Long Island, and E. C. C. Miller, Laurelton, Long Island, N. Y. Broom machine. 2,323,420; July 6.
- Plummer, Henry L., Philadelphia, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nondustring litharge. 2,337,125; Dec. 21.
- Plummer, Lloyd F., assignor to I. B. Williams and Sons, Inc., Dover, N. H. Belt. 2,316,018; Apr. 6.
- Plummer, William B., assignor to Standard Oil Company, Chicago, Ill. Dehydro-aromatization system. 2,335,610; Nov. 30.
- Plumstead, Joseph E., Wilmington, Del., assignor, by mesne assignments, to Raffold Process Corporation, Andover, Mass. Paper manufacture. 2,332,750; Oct. 26.
- Pluth, Edward M., et al. (See Schleif, Robert L., assignor.)
- Pneu-Hydro Road Machinery Co. (See Boerma, Henry E., assignor.)
- Pneumatic Co. (See Stone, Allen L., assignor.)
- Pneumatic Cap & Seal Corporation. (See Burkardt, Anton, assignor.)
- Pneumatic Scale Corporation. (See Anderson, Gustaf W., assignor.)
- Pneumatic Scale Corporation, Limited. (See Eaton, Lewis B., assignor.)
- Pneumatic Scale Corporation, Limited. (See Everett, Arthur C., assignor.)
- Pneumatic Scale Corporation, Limited. (See Howard, Stanley R., assignor.)
- Pneumatic Scale Corporation, Limited. (See Hultin, Oscar H., assignor.)
- Pneumatic Scale Corporation, Limited. (See Vergobbi, Robert W., assignor.)
- Pneumatic Scale Corporation, Limited. (See Whitehead, Arthur F., assignor.)
- Pneumatic Scale Corporation, Limited. (See Yates, John, assignor.)
- Pneumatic Shear Company, The. (See Wilcox, Vincent A., assignor.)
- Pocahontas Fuel Company Incorporated. (See Julian, F. G., and Schweickart, assignors.)
- Pocahontas Fuel Company Incorporated. (See Schweickart, W. M., and Julian, assignors.)
- Poch, Waldemar J., Moorestown, N. J., assignor to Radio Corporation of America. Cathode ray tube system. 2,313,966; Mar. 16.
- Poch, Waldemar J., Collingswood, N. J., assignor to Radio Corporation of America. Electrical apparatus. 2,315,377; Mar. 30.
- Poch, John M. (See Higgins, A. J., and Poche.)
- Pochin, Alfred D. (See Shackleton, H., and Pochin.)

- Podbielnik, Walter J., Chicago, Ill., assignor to Benjamin B. Schneider. Packing for fractionating columns. 2,332,110; Oct. 19.
- Podgorny, John, Harvey, assignor to Union Special Machine Company, Chicago, Ill. Overall banding machine. 2,313,261; Mar. 9.
- Podjusz, Harry H., assignor of one-half to Leo Keller, Chicago, Ill. Safe or vault protecting device. 2,319,173; May 18.
- Podolsky, Leon, Pittsfield, assignor to Sprague Specialties Co., Leon Adams, Mass. Electrical resistor. 2,332,255; Oct. 19.
- Poe, G. Vaughn, assignor to Memphis Paper Company, Memphis, Tenn. Paper box. 2,316,362; Apr. 13.
- Poehling, Henry J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Fluorescent safety lighting fixture. 2,327,552; Aug. 24.
- Poelman, Armand J. J., Paris, France; vested in the Alien Property Custodian. Manufacture of air filters. 2,326,967; Aug. 17.
- Porse, Theodore H., assignor to Gruendler Crusher & Pulverizer Co., St. Louis, Mo. Shredder blade. 2,319,623; May 18.
- Pott, Cecil, Tulsa, Tex. Fan. 2,333,673; Nov. 9.
- Pogelin, Louis, assignor to McKee Glass Company, Jeannette, Pa. Making pressed hollow glassware. 2,329,136; Sept. 7.
- Pohl, Ernest F. (See Ekstedt, Henry V., assignor.)
- Pohle, Hans, Cologne-Mulheim, and P. Weikart, Rathen, Cologne, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of molded articles from artificial masses. 2,335,816; Nov. 9.
- Pohls, Paul, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Diphenylsulphone derivative. 2,328,490; Aug. 31.
- Pohls, Paul, F. Metzsch, Wuppertal-Elberfeld, and A. Rohm, Leverkusen I. G.-Werk, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Manufacturing diphenylsulphone derivatives and product obtainable by such process. 2,333,552; Nov. 9.
- Pollavey, Léon, Paris, France; vested in the Alien Property Custodian. Weighing scale recording. 2,319,343; May 18.
- Poindexter, Nat S. (See Colley, George E., assignor.)
- Poindexter, Nathaniel S. (See Colley, G. E., and Poindexter.)
- Point, Robert H., Sandusky, Ohio. Single trigger mechanism for double barrel guns. 2,336,188; Dec. 7.
- Pointon, John E. (See Baker, B. D., Harber, and Pointon.)
- Pointon, John E. (See Harber, L. S., and Pointon.)
- Pokorny, Frank J., assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Arc quencher. 2,311,690; Feb. 23.
- Pokorny, Frank J., assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Circuit breaker. 2,319,262; May 18.
- Pokorny, Oldrich S., Sarnia, and H. H. Moer, Moore Township, Lambton County, Ontario, Canada, assignors to Standard Oil Development Company. Dewaxing process. 2,330,740; Sept. 28.
- Pollack, Sidney L., Chicago, Ill. Counterweight apparatus for elevators. 2,322,774; June 29.
- Polan, Katz & Company. (See Levin, Joseph, assignor.)
- Poland, Pinkney L., Isabel, Kans. Leveling instrument. 2,308,206; Jan. 12.
- Polaroid Corporation. (See Cochran, Clarence W., assignor.)
- Polaroid Corporation. (See Land, Edwin H., assignor.)
- Polaroid Corporation. (See Martin, Randolph K., assignor.)
- Polaroid Corporation. (See Miller, Gray, Jr., assignor.)
- Polaroid Corporation. (See Rogers, H. G., and Chubb, Jr., assignor.)
- Polaroid Corporation. (See Serrell, John J., assignor.)
- Polaroid Corporation. (See West, Cutler D., assignor.)
- Polay, Harvey, Manhattan Beach, assignor to Badger Cutouts, Inc., Brooklyn, N. Y. Collapsible display basket. 2,332,256; Oct. 19.
- Pole-Evans, Iltid B., Irene, Transvaal, Union of South Africa. Mounting device for cameras and the like. 2,336,801; Dec. 14.
- Polgar, André, and C. Halmos, Paris, France; vested in the Alien Property Custodian. Stabilizing prints obtained by photographic bleaching. 2,319,344; May 18.
- Polgar, André, and C. Halmos, Paris, France; vested in the Alien Property Custodian. Manufacture of photographic bleaching layers. 2,328,166; Aug. 31.
- Polhemus, John K., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Shutter release for folding cameras. 2,319,157; May 11.
- Polin, H. S., Laboratories, Inc. (See Polin, H. S., and Nerken, assignors.)
- Polin, Herbert S., New York, N. Y. Making plastic substances and the products thereof. 2,315,005; Mar. 30.
- Polin, Herbert S., New York, N. Y. Coffee molding compound. 2,320,649; June 1.
- Polin, Herbert S., New York, N. Y. Solvent extraction process. 2,324,594; July 20.
- Polin, Herbert S., New York, assignor of one-half to H. A. Furman, Schenectady, N. Y. Alarm indicator. 2,322,703; June 22.
- Polin, Herbert S., New York, N. Y., and J. F. Alms, Teaneck, N. J., assignors to The Great Atlantic and Pacific Tea Company. Roasting process and control. 2,307,710; Jan. 5.
- Polin, Herbert S., and A. I. Nerken, New York, N. Y., assignors to H. S. Polin Laboratories, Inc. Anti-freezing medium. 2,308,246; Jan. 12.
- Polin, Herbert S., New York, A. I. Nerken, Brooklyn, and H. Wettingfeld, Jr., Bayside, Long Island, N. Y., assignors to Coffee X Corporation. Coffee oil refining process. 2,314,893; Mar. 30.
- Polk Development Company, The. (See Flx, Oral S., assignor.)
- Polk Development Company, The. (See Polk, Ralph, Sr.)
- Polk Development Company, The. (See Polk, Ralph, Sr., and Ralph, Jr., assignors.)
- Polk, Ralph, Jr. (See Polk, Ralph, Sr., and Ralph, Jr.)
- Polk, Ralph, Sr., Tampa, and R. Polk, Jr., Haines City, assignors to The Polk Development Company, Tampa, Fla. Extracting juices from citrus fruits and other similar fruits. 2,309,328; Jan. 26.
- Polk, Ralph, Sr., Miami, and R. Polk, Jr., assignors to The Polk Development Company, Tampa, Fla. Holding fork for citrus fruits. 2,312,283; Feb. 23.
- Polk, Ralph, Sr., Miami, and R. Polk, Jr., assignors to The Polk Development Company, Tampa, Fla. Holding fork for citrus fruits. 2,313,714; Mar. 9.
- Polk, Ralph, Sr., Miami, assignor to The Polk Development Company, Tampa, Fla. Apparatus for treating peeled citrus fruits. 2,329,555; Sept. 14.
- Poll, George A., Cincinnati, Ohio. Internal combustion engine. 2,330,378; Sept. 28.
- Pollack, Lazarus W., New York, N. Y. Doll eye. 2,320,300; May 25.
- Pollack, Maurice D. (See Schalet, J. P., and Pollack.)
- Pollack, Maxwell A. (See Muskat, I. E., and Pollack.)
- Pollack, Maxwell A. (See Muskat, I. E., Pollack, Strain, and Franta.)
- Pollack, Maxwell A., I. E. Muskat, and F. Strain, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Polymerization of polyhydric alcohol esters of monocarboxylic acids. 2,308,230; Jan. 12.
- Pollack, Maxwell A., Akron, and A. G. Chenieck, Barberton, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Hydrolysis of allyl halides. 2,313,767; Mar. 16.
- Pollack, Maxwell A., F. Strain, and I. E. Muskat, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Method of coating. 2,320,536; June 23.
- Pollack, Maxwell A., Akron, and A. G. Chenieck, Barberton, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Polymerized mixed esters and manufacture thereof. 2,335,962; Dec. 7.
- Pollack, Maxwell A., Austin, Tex., assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Copolymer. 2,337,681; Dec. 28.
- Pollack, Paul, Brooklyn, N. Y. Battery protection and indicating system. 2,324,424; July 13.
- Pollak, Alfred, New York, N. Y. Pickling, curing, and preserving fruits and vegetables. 2,322,880; June 29.
- Pollak, Arthur, New York, N. Y., and T. A. Willingham, Charleston, S. C., assignors to West Virginia Pulp and Paper Company, New York, N. Y. Odorimeter. 2,327,060; Aug. 17.
- Pollak Manufacturing Company. (See Markey, Roscoe I., assignor.)
- Pollard, Charles E., Jr., Hoboken, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching device. 2,312,672; Mar. 2.
- Pollard, Charles E., Hoboken, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric switch. 2,317,695; Apr. 27.
- Pollard, Charles E., Jr., Hoboken, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Manufacture of sealed apparatus. 2,324,595; July 20.
- Pollard, Charles E., Hoboken, N. J., assignor to Bell Telephone Laboratories, Incorporated. Mercury switch. 2,328,997; Sept. 7.
- Pollard, Ernest L., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Inductor-type alternating current generator. 2,307,604; Jan. 5.
- Pollard, Ernest L., Wilkesburg, and R. A. Baudry, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ventilated machine. 2,315,653; Apr. 6.
- Pollard, Willard L., Evanston, Ill. Transmission. 2,312,849; Mar. 2.
- Pollard, Willard L., Evanston, Ill. Variable speed transmission. 2,322,251; June 22.
- Pollard, Willard L., Evanston, Ill. Transmission. 2,325,876; Aug. 3.
- Pollard, Willard L., Evanston, Ill. Speed ratio control apparatus. 2,326,214; Aug. 17.
- Pollifrone, Frank, Mill Valley, Calif. Can pouring spout. 2,333,952; Nov. 9.
- Pollinger, Isidor N., Boston, Mass. Fan. 2,327,061; Aug. 16.
- Pollitt, Harold C., assignor to Iowa Manufacturing Company, Cedar Rapids, Iowa. Vibrating screen. 2,312,477; Mar. 2.
- Pollock, Jacob. (See Warsher, A., Pollock.)

- Pollock, John E., Bromley, England, assignor to Standard Oil Development Company. Solvent treating. 2,322,881; June 29.
- Pollock, Ralph C., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Process for treating wax. 2,327,155; Aug. 17.
- Pollock, Randolph B., Lawrenceburg, Tenn. Tire shoe lathing machine and the like. 2,321,936; June 15.
- Polron Products Incorporated. (See Brown, Joseph D., assignor.)
- Polyak, Joseph. (See Mills, Charles L., assignor.)
- Polymerization Process Corporation, The. (See Layng, Edwin T., assignor.)
- Polymerization Process Corporation, The. (See Layng, E. T., Rubin, and Ruthraff, assignors.)
- Polyxor Chemical Co. (See Farber, Edward, assignor.)
- Polzer, Charles G. (See Huckle, W. C., and Polzer.)
- Polzer, Fridolin, assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Fastener driving machine. 2,314,847; Mar. 23.
- Polzer, Fridolin, assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Fastener driving machine. 2,314,848; Mar. 23.
- Polzer, Fridolin, assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Fastener driving machine. 2,325,341; July 27.
- Polzer, Fridolin, assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Fastener driving machine. 2,332,257; Oct. 19.
- Pomerantz, Hyman F., Brooklyn, N. Y. Double grip holder. 2,337,925; Dec. 28.
- Pomeranz, Harry C., New York, N. Y. Combined mailing wrapper and cover for magazines and the like. 2,330,619; Sept. 28.
- Pomeroy, Richard, Harbor City, assignor of one-half to F. D. Bowlus, Whittier, Calif. Preventing corrosion. 2,328,968; Aug. 17.
- Pomeroy, Timothy C., Long Beach, Calif. Hydraulic jack. 2,322,314; June 22.
- Pomeranian, Israel, Golders Green, London, assignor to Transplanter (Robot) Limited, St. Albans, Hertfordshire, England. Planting machine. 2,335,132; Nov. 23.
- Pomilio Corporation Limited. (See Pomilio, Umberto, assignor.)
- Pomilio, Umberto, assignor to Pomilio Corporation Limited, London, England. Electrolytic cell and terminal therefor. 2,329,726; Sept. 21.
- Pomot, Jean. (See Motte, J., and Pomot.)
- Pomutz, Albert. (See Heylandt, C. W. F., Mewes, Pomutz, and Baer.)
- Pomath, William O., Richmond Hill, assignor to Eagle Pencil Company, New York, N. Y. Clutch pencil. 2,323,258; Oct. 19.
- Pond, Benham S. (See Orshansky, E. J., and Pond.)
- Pond, Bertram P., River Forest, Ill., assignor to Minneapolis Honeywell Regulator Company, Minneapolis, Minn. Stoker control. 2,318,012; May 4.
- Pond, Clarke, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Spare tire and luggage compartment for vehicle bodies. 2,321,239; June 8.
- Pond, Leander N., assignor to Corning Glass Works, Corning, N. Y. Coating apparatus. 2,316,972; Apr. 20.
- Pond Lily Company, The. (See Edelstein, Oscar, assignor.)
- Ponselle, Robert A., New York, N. Y. Vacuum cleaner. 2,327,553; Aug. 24.
- Ponselle, Robert A., New York, N. Y. Vacuum cleaner. 2,335,963; Dec. 7.
- Ponstingl, John C. (See Schaelechin, W., and Ponstingl.)
- Pontius, George W., III. (See White, J. W., and Pontius.)
- Pontius, George W., III, and G. A. Goepfrich, South Bend, Ind. Trigger motor. 2,322,775; June 29.
- Pontius, Peter A. (See Renshaw, D. E., Pontius, and Stakel.)
- Ponzer, Howard S., assignor to Missouri Portland Cement Co., St. Louis, Mo. Manufacture of cement. 2,329,940; Sept. 21.
- Pool, John W. (See Lutz, W. A., and Pool.)
- Pool, John W., Aspinwall, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Refining wax. 2,329,785; Sept. 21.
- Pool, Marion L. (See Stone, K. L., and Pool.)
- Pool, Stuart D. (See Millard, L. P., and Pool.)
- Pool, William. (See Taylor, W. L., and Pool.)
- Pool, William A., Ridgefield Park, N. J. Tire chain. 2,310,807; Feb. 9.
- Pool, William O. (See Ralston, A. W., and Pool.)
- Poole, Alexander T., et al. (See Hicks, Lewis E., assignor.)
- Poole, Asby T., Greybull, Wyo. Buckle. 2,327,741; Aug. 24.
- Poole, Frederick A., Barrington, assignor to Production Instrument Company, Chicago, Ill. Counting device. 2,310,114; Feb. 2.
- Poole, John W. (See Allinson, J. J., Poole, and Grant.)
- Poole, Lora E., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Milling machine. 2,325,541; July 27.
- Poole, Russell W., Edgerton, Ohio. Apparatus for scoring and cutting veneers. 2,314,102; Mar. 16.
- Poor & Company. (See Chester, Allen E., assignor.)
- Poor & Company. (See Hamilton, Perry H., assignor.)
- Poor & Company. (See Meade, John N., assignor.)
- Poorman, John E., Philadelphia, Pa. Grinding machine. 2,309,668; Feb. 2.
- Poorman, John E., Philadelphia, Pa. Grinding machine. 2,309,669; Feb. 2.
- Pope, Alfred, Penn Fields, Wolverhampton, assignor to Joshua Bigwood & Son, Limited, Wolverhampton, England. Centerless turning machine. 2,311,998; Feb. 23.
- Pope, Demetrius K., Gary, Ind. Shaft straightener. 2,310,151; Feb. 2.
- Pope, Demetrius K., Gary, Ind. Balancing machine. 2,314,287; Mar. 16.
- Pope, Demetrius K., Gary, Ind. Apparatus for testing transmission for automobiles. 2,310,117; Feb. 2.
- Pope, Elton A., assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Plumbing fixture. 2,314,950; Mar. 30.
- Pope, Louis A., Melrose, Mass. Lamp socket for fluorescent lamps. 2,321,851; June 15.
- Popoff, Ivan P., Lake, Wis. Variable speed planetary transmission for automobiles. 2,310,117; Feb. 2.
- Popov, Vladimir D., Prague-Device, Czechoslovakia, assignor to the Alien Property Custodian. Packaging machine. 2,320,650; June 1.
- Popowsky, Milton. (See Davidson, D., Popowsky, and Rosenblatt.)
- Popp, Rudolf, assignor to McGill Manufacturing Company, Indianapolis, Ind. Lamp guard and reflector unit. 2,313,329; May 4.
- Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Electric switch housing. 2,329,442; Sept. 14.
- Popp, Rudolf, and M. C. Carlson, assignors to McGill Manufacturing Company, Valparaiso, Ind. Electric switch. 2,324,459; July 13.
- 2,326,390; Aug. 10.
- Poppe, George W., Brooklyn, assignor to Equitable Paper Bag Co. Inc., Long Island City, N. Y. Multiply sift-proof bag. 2,311,248; Feb. 16.
- Poracchia, Raphael, Paris, France; Alien Property Custodian. Purification device for liquids. 2,308,230; Jan. 12.
- Porcelain Enamel & Manufacturing Company, The. (See Knudsen, Frederick K., assignor.)
- Porcelain Products, Inc. (See Karnitz, Richard W., assignor.)
- Porcelain Products, Inc. (See McChesney, Samuel W., Jr., assignor.)
- Porcelain Steels, Inc. (See Murphy, Chalmers E., assignor.)
- Porch, Howard L., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Apparatus for handling fruit. 2,325,919; Aug. 3.
- Pork Development Company, The. (See Polk, Ralph, Sr., and Ralph, Jr., assignors.)
- Porcel Corporation. (See La Lande, William A., Jr., assignor.)
- Porc, Jules D. (See Siffert, R. H., Porsche, and Solms.)
- Portable Lamp & Equipment Co. (See Nelms, G. C., Coggeshall, Berry, and Wilbur, assignors.)
- Portable Lung, Inc. (See Terhaar, Ferdinand H., assignor.)
- Porter, Donald L. (See Burr, Wayne E., assignor.)
- Porter, Everett M. (See Githens, O. W., Kende, and Porter.)
- Porter, Frederick B., U. S. Army, Fort Bragg, N. C. Automatic power transmission. 2,311,691; Feb. 23.
- Porter, George G., Miami, Fla. Exercising device. 2,307,856; Jan. 12.
- Porter, George K., assignor, by mesne assignments, to Fischer & Porter Company, Hathboro, Pa. Rotameter and the like. 2,313,889; Mar. 16.
- Porter, George K., assignor, by mesne assignments, to Fischer & Porter Company, Hathboro, Pa. Flow-indicating fluid meter. 2,333,884; Nov. 9.
- Porter, George K., Philadelphia, assignor, by mesne assignments, to Fischer & Porter Company, Hathboro, Pa. Rotameter construction. 2,321,041; June 8.
- Porter, George K., Philadelphia, assignor, by mesne assignments, to Fischer & Porter Company, Hathboro, Pa. Flow proportioning device. 2,328,029; Aug. 31.
- Porter, George W., Kansas City, Mo., and Benjamin F. Krebhiel, Wichita, Kans. Apparatus for frying poultry, fish, or other meat products. 2,323,623; July 6.
- Porter, Gilbert E., Mount Clemens, Mich. Control mechanism for motor vehicles. 2,318,258; May 4.
- Porter, Gilbert E., Mt. Clemens, Mich. Bellows. 2,324,173; July 13.
- Porter, H. K., Inc. (See Geddes, John W., assignor.)
- Porter, Harry E., Fort Eustis, Va., and S. F. Fahringer, Huntington, W. Va. Device for laying down or measuring angular values. Re. 22,250; Jan. 12.
- Porter, Henry D., and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Pyrazolone couplers for color photography. Re. 22,329; June 1.
- Porter, Henry D., and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Iminopyrazolone coupler for color photography. 2,311,081; Feb. 16.
- Porter, Henry D., and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Pyrazolone coupler for color photography. 2,311,082; Feb. 16.

- Porter, Herbert A., San Francisco, Calif. Flexible tubing fastener. 2,335,883; Dec. 7.
- Porter, Howard C., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Cleaning machine. 2,309,786; Feb. 2.
- Porter, Howard C., assignor to Bendix Home Appliances, Inc., South Bend, Ind. Mixing device. 2,322,157; June 15.
- Porter, Howard C., and A. P. Schulz, assignors to Bendix Home Appliances, Inc., South Bend, Ind. Closure construction. 2,300,785; Feb. 2.
- Porter, John, assignor of twenty-five percent to G. Wright Arnold and twenty-five percent to E. W. Allen, Seattle, Wash. Snuffer-lighter device. 2,309,011; Jan. 19.
- Porter, John L., and Irving B. Funk, Long Beach, Calif., assignors to Richfield Oil Corporation. Production of petroleum. 2,317,219; Apr. 20.
- Porter, Laurence W., Westbrook, Maine, assignor to S. D. Warren Company, Boston, Mass. Coating flexible web. 2,325,798; Aug. 3.
- Porter, Oscar S., Shrewsbury, and L. A. Carrell, Lynn, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Device for correcting last molds. 2,336,033; Dec. 7.
- Porter, Oscar S., Shrewsbury, and L. A. Carrell, Lynn, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Correcting last molds. 2,336,031; Dec. 7.
- Porter, Robert C., Pittsburgh, Pa. Signal appliance for telephones. 2,307,467; Jan. 5.
- Porter, Rotheus B., Jr., Malden, assignor to Herbert B. Morse, Wellesley Hills, Mass. Preparation of emulsions for waterproofing and fireproofing purposes. 2,314,242; Mar. 16.
- Porter, Rotheus B., Jr., Malden, assignor to Bennett Incorporated, Cambridge, Mass. Method of dispersing thermoplastic hydrocarbons. 2,321,240; June 8.
- Porter, Rotheus B., Jr., Malden, assignor to Bennett Incorporated, Cambridge, Mass. Dispersion of thermoplastic hydrocarbons. 2,336,309; Dec. 7.
- Porter, Thomas R., Cedar Grove, and A. H. Laidig, Bloomfield, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Sterile toilet. 2,332,111; Oct. 19.
- Porter, Western J., Bunkie, La. Display tray. 2,315,271; Mar. 30.
- Portland Company, The. (See Grote, Alfred W., assignor.)
- Potter, Michael P., Newark, N. J. Headlight and parts thereof. 2,314,735; Mar. 23.
- Posey, Walter W., East Lampeter Township, Lancaster County, Pa. Hydraulic gate valve. 2,330,447; Sept. 28.
- Pessin, Salem E., Brooklyn, N. Y. Ship with convertible platform. 2,329,941; Sept. 21.
- Potter, Bernard B., Huxton, assignor to The Shannon Limited, New Malden, England. Frame for suspending folders or document containers in drawers and the like. 2,336,802; Dec. 14.
- Post, Earl E., Pomona, and C. F. Bonnet, Menlo Park, Calif., assignors to American Cyanamid Company, New York, N. Y. Drilling mud. 2,319,705; May 18.
- Post, Florence D., St. Petersburg, Fla. Auxiliary seat for automobiles. 2,327,288; Aug. 17.
- Post, Victor, Chicago, Ill. Micrometric toolholder. 2,337,412; Dec. 21.
- Poster Machines Corporation. (See Sneed, John, assignor.)
- Postlewalte, William R. (See Gosline, J. E., Postlewalte, and Miller.)
- Postlewalte, William R., Palo Alto, Calif., assignor to Standard Oil Company of San Francisco, Calif. Apparatus for forming seamless pipes or coatings. 2,334,027; Nov. 9.
- Postlewalte, William R., Palo Alto, Calif., assignor to Standard Oil Company of California, San Francisco, Calif. Apparatus for scoring coated pipe. 2,334,577; Nov. 16.
- Posture Research Corporation. (See Wood, Glenn D., assignor.)
- Potash Company of America. (See Zimmermann, Frederick J., assignor.)
- Potchen, Joseph A., Grand Rapids, Mich., and O. H. Basquin, Evanston, Ill., assignors to J. F. Neary, Jr., Englewood, N. J., as trustee. Apparatus for manufacturing laminated material. 2,308,453; Jan. 12.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Trimming mechanism. 2,311,692; Feb. 25.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Bagmaking machine. 2,312,729; Mar. 2.
- Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Bag making machine. 2,333,440; Nov. 2.
- Potdevin Machine Company. (See Burroughs, Edwin E., assignor.)
- Potdevin Machine Company. (See Ettl, Joseph, assignor.)
- Potdevin Machine Company. (See Potdevin, Adolph, assignor.)
- Potez, Henry C. A., Meaulte, Somme, France; vested in the Alien Property Custodian. Two-speed driving mechanism for centrifugal compressors. 2,313,205; Mar. 9.
- Potgieter, Fred M., and J. D. Larsen, Rockford, Ill., assignors to Borg-Warner Corporation, Chicago, Ill. Slip clutch for power take-offs. 2,333,553; Nov. 2.
- Potlatch Forests, Inc. (See Bowling, Robert T., assignor.)
- Pott, Alfred, Gleiwitz, and H. Broche, Essen-Ruhr, Germany; Alien Property Custodian. Hydrogenating distillation extraction products from coals. 2,308,247; Jan. 12.
- Potter, Charles E., Richmond Heights, and J. W. Kendall, St. Louis, Mo., said Kendall assignor to said Potter. Signal system. 2,317,084; Apr. 20.
- Potter, Charles W., assignor, by mesne assignments, to Atlantic Register Company, Waltham, Mass. Sheet magazine and feeding device for typewriting machines. 2,314,243; Mar. 10.
- Potter, Charles W., assignor to Atlantic Register Company, Waltham, Mass. Spot carbon form sheet pack. 2,327,215; Aug. 17.
- Potter, David M., Plainfield, N. J. Connector. 2,328,294; Aug. 31.
- Potter, Dwight J., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Purification of organic compounds. 2,307,953; Jan. 12.
- Potter, Elbert L., and B. E. O'Connor, Buffalo, N. Y., assignors, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Shimmy dispensing apparatus for aircraft tail wheels. 2,336,567; Dec. 14.
- Potter, Howell L., assignor to The Fafnir Bearing Company, New Britain, Conn. Assembling retainers. 2,330,741; Sept. 28.
- Potter & Johnston Machine Company. (See Curtis, Myron S., assignor.)
- Potter & Johnston Machine Company. (See Makant, Joseph E., assignor.)
- Potter, Philip J. (See Darby, E. R., and Potter.)
- Potter, Raymond M., assignor to Western Filter Co., Denver, Colo. Fluid proportioning device. 2,310,459; Feb. 9.
- Potter, Wentworth M., Lyndhurst, Ohio, assignor to General Electric Company. Lighting fixture. 2,321,701; June 15.
- Potters, Rudolf H., Jamaica, N. Y. Method of and apparatus for producing glass beads. 2,334,578; Nov. 16.
- Portboff, Kurt T., Brooklyn, N. Y. Electroplating apparatus. 2,315,272; Mar. 30.
- Potts, Cecil E. (See Shook, Fred C., assignor.)
- Potts, Ernest L., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Tester. 2,308,387; Jan. 12.
- Potts, John. (See Dawson, G. H., and Potts.)
- Potts, Louis M., Evanston, Ill. Meter recording system. 2,313,988; Mar. 9.
- Potts, Louis M., Evanston, Ill., assignor, by mesne assignments, to Teletypewriter Corporation. Keyboard performer and counter. Re. 22,377; Sept. 14.
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraph transmitter. 2,308,539; Jan. 19.
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Multiplex extensor. 2,319,263; May 18.
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Multiplex telegraph system. 2,321,618; June 15.
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Start-stop repeater apparatus. 2,321,619; June 15.
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraph printer. 2,323,932; July 15.
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Telegraph signal translating system and apparatus. 2,327,369; Aug. 24.
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Tape transmitter. 2,329,217; Sept. 14.
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Space discharge oscillating relay. 2,329,650; Sept. 14.
- Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Ribbon shift mechanism. 2,331,043; Oct. 5.
- Potts, Ralph H., La Grange, assignor to Armour and Company, Chicago, Ill. Treating fatty acid-containing stock. 2,322,056; June 15.
- Potts, Ralph H., La Grange, and C. W. Christensen, Hinsdale, Ill. Preparing nitriles. 2,314,894; Mar. 30.
- Pouch, René F., assignor to Carrier, Inc., New York, N. Y. Resilient nail file. 2,308,624; Jan. 19.
- Poullart, Willy, Antwerp, Belgium, assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Key pulsing sender for telephone systems. 2,333,195; Nov. 2.
- Poulin, Edmund E. (See Brougham, F. O., and Poulin.)
- Poulter, John W., Wauwatosa, assignor to Keeshing machine, Milwaukee, Wis. Concrete treating and finishing machine. 2,333,041; Oct. 26.
- Poulter, Thomas C., La Grange, Ill. Hydraulic pump. 2,333,885; Nov. 9.
- Pounds, Richard T. (See Flanagan, T. B., and Pounds.)
- Pountain, Melvin D., assignor of fifty-one per cent to E. M. Brown, Seattle, Wash. Curl heater. 2,325,799; Aug. 3.

- Poupitch, Ougljesa J., assignor to Illinois Tool Works, Chicago, Ill. Fastener device. 2,314,368; Mar. 23.
- Poupitch, Ougljesa J., assignor to Illinois Tool Works, Chicago, Ill. Lock washer and making same. 2,321,155; June 8.
- Poupitch, Ougljesa J., assignor to Illinois Tool Works, Chicago, Ill. Fastener device. 2,322,776; June 29.
- Poupitch, Ougljesa J., assignor to Illinois Tool Works, Chicago, Ill. Fastening device. 2,324,268; July 13.
- Poupitch, Ougljesa J., assignor to Illinois Tool Works, Chicago, Ill. Fastening device. 2,324,269; July 13.
- Poupitch, Ougljesa J., assignor to Illinois Tool Works, Chicago, Ill. Fluid sealing device. 2,330,742; Sept. 28.
- Poupitch, Ougljesa J., assignor to Illinois Tool Works, Chicago, Ill. Fastener device. 2,333,388; Nov. 2.
- Poutinen, Paul T., Jackson Heights, assignor to Waldes Koli-1 Noor Inc., Long Island City, N. Y. Separable fastener display device. 2,322,057; June 15.
- Poux, Noel J., Meadville, Pa., assignor to Talon, Inc. Slide fastener manufacture. 2,320,651; June 1.
- Poux, Noel J., Meadville, Pa., assignor to Talon, Inc. Slide fastener. 2,322,908; June 29.
- Poux, Noel J., Meadville, Pa., assignor to Talon, Inc. Slide fastener stringer tape reinforcement. 2,327,983; Aug. 31.
- Povey, Edmund H. (See Browning, G. H., and Povey.)
- Powder Metals and Alloys, Inc. (See Patterson, Raymond L., assignor.)
- Powell, Alfred R., Pittsburgh, Pa., assignor to Koppers Company. Gas purification process. 2,318,522; May 4.
- Powell, Alfred R., Pittsburgh, Pa., assignor to Koppers Company. Separation and purification of gaseous mixtures. 2,318,523; May 4.
- Powell, Alric H., Yeadon, Pa., assignor to General Electric Company. Indicating lamp receptacle. 2,334,579; Nov. 16.
- Powell, Alric H., Yeadon, Pa., assignor to General Electric Company. Contact structure. 2,335,083; Nov. 23.
- Powell, Elkan H., Winnetka, assignor to Sears, Roebuck and Co., Chicago, Ill. Fishing tackle box. 2,307,073; Jan. 5.
- Powell, George E., Los Angeles, Calif. Expandable and reversible envelope. 2,332,761; Oct. 26.
- Powell, Edward, Portland, Oreg. Vaccine injector. 2,324,535; July 20.
- Powell, Edward J., Kansas City, Mo. Machine for cutting leg bands. 2,323,100; June 29.
- Powell, Edward R. (See Dobak, N., and Powell.)
- Powell, Edward V., Scarsdale, N. Y. Musical instrument. 2,330,379; Sept. 28.
- Powell, Edwin T. (See Powell, John T. and E. T.)
- Powell, Ernest F., Sutton Coldfield, D. Bulgin, and P. W. Badham, Erdington, Birmingham, England, assignors to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Vulcanizing rubber articles. 2,324,944; July 20.
- Powell, Frederic K., Schenectady, N. Y., assignor to General Electric Company. Vibration responsive device. 2,316,616; Apr. 13.
- Powell, George M., III, Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Composition of mixtures of vinyl and acrylate resins. 2,311,249; Feb. 16.
- Powell, Henry K., assignor to Morris Paper Mills, Chicago, Ill. Bottle holder. 2,314,895; Mar. 30.
- Powell, Henry K., assignor to Morris Paper Mills, Chicago, Ill. Bottle holder. 2,314,896; Mar. 30.
- Powell, Henry K., assignor to Morris Paper Mills, Chicago, Ill. Bottle holder. 2,316,186; Apr. 13.
- Powell, John T. and E. T., Washington, D. C. Combined safety light and illuminating lamp. 2,320,193; May 25.
- Powell, Maurice F., Millville, N. J. Fluid type car coupling. 2,333,674; Nov. 9.
- Powell, Norman. (See Hudson, L. G., and Powell.)
- Powell, Raymond E., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Making soldering devices. 2,311,776; Feb. 23.
- Powell, Raymond E., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Soldering device. 2,324,802; July 20.
- Powell, Robert A., Miami, Fla. Face guard. 2,333,336; Nov. 2.
- Powell, Sheppard T. (See Axelrad, B. A., and Powell.)
- Powell, Sheppard T. (See Sprigman, C. J., and Powell.)
- Powell, William D., East Liverpool, Ohio. Bait carrier. 2,309,534; Feb. 26.
- Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Automatic telephone system. 2,315,378; Mar. 30.
- Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Signaling system. 2,320,885; June 1.
- Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Automatic telephone system. 2,325,877; Aug. 3.
- Power Brake Parts Manufacturing and Sales Company. (See Ross, Charles F., assignor.)
- Power, Howard S., Pittsburgh, Pa. Garden tool. 2,317,801; Apr. 27.
- Power Research Corporation. (See Bowers, Thomas A., assignor.)
- Power Research Corporation. (See Siegling, Elmer W., assignor.)
- Powers Accounting Machines Limited. (See Holden, Norman G., assignor.)
- Powers Accounting Machines Limited. (See Thomas, A., and Holden, assignors.)
- Powers, Cedric, assignor to The Stanley Works, New Britain, Conn. Safety shield for bench grinders. 2,315,132; Mar. 30.
- Powers, Dixon D., Allegan, assignor to The Dow Chemical Company, Midland, Mich. Apparatus for treating wells. 2,330,144; Sept. 21.
- Powers, Donald H., Moorestown, and R. G. Lawrence, assignors to Röhm and Haas Company, Philadelphia, Pa. Stabilization of knit fabrics. 2,329,651; Sept. 14.
- Powers, Frank T., Glen Cove, N. Y. X-ray cassette. 2,321,156; June 8.
- Powers, Frank T., Glen Cove, N. Y. X-ray apparatus. 2,331,225; Oct. 5.
- Powers, James H., Fort Wayne, Ind., assignor to General Electric Company. Waste disposal unit. 2,322,058; June 15.
- Powers, John M. (See Russell, Phillip W., assignor.)
- Powers, John M., and P. W. Russell, Cleveland Heights, Ohio; said Russell assignor to said Powers. Candle and candle section. 2,324,723; July 20.
- Powers, Milton, Detroit, Mich. Cellular glass and process for its manufacture. 2,316,749; Apr. 13.
- Powers, Paul O., assignor to Armstrong Cork Company, Lancaster, Pa. Preparation of a urea-formaldehyde adhesive. 2,320,301; May 25.
- Powers, Ralph A., assignor to Electronic Control Corporation, Detroit, Mich. Photoelectric apparatus. 2,329,225; Oct. 26.
- Powers Regulator Company, The. (See Barnett, Harry, assignor.)
- Powers Regulator Company, The. (See Pett, Alfred W., assignor.)
- Powers, Walter H., Jackson, Mich., assignor to Walker Manufacturing Company of Wisconsin, Racine, Wis. Silencers. 2,331,344; Oct. 12.
- Powis, William E., Dayton, Ohio. Ash tray. 2,327,452; Aug. 24.
- Powis, Leslie H. (See Rintamaki, G. M., and Powis.)
- Powlledge, Carl B., Norfolk, Va. Battery terminal. 2,322,388; June 22.
- Powning, Henry G., Boston, assignor to Koehler Manufacturing Company, Marlboro, Mass. Battery separator and making. 2,307,299; Jan. 5.
- Præp, Walter S., assignor to National Broach & Machine Company, Detroit, Mich. Lapping machine. 2,307,637; Jan. 5.
- Præger, Frank H., Merion, assignor to Alcorn Combustion Company, Philadelphia, Pa. Petroleum heater. 2,326,492; Aug. 10.
- Præger, Frank H., Merion, Pa., assignor to Petroleum Conversion Corporation. Reforming system. 2,335,531; Nov. 30.
- Prahl, Otto. (See Brushaber, H. J., and Prahl.)
- Prall, John H. (See Pabst, A. C., and Prall.)
- Prange, Charles H. (See Feagin, R. C., and Prange.)
- Prange, Maurice N., Detroit, Mich. Honing tool. 2,334,838; Nov. 23.
- Pranli, Franz, Wettingen, assignor to Aktiengesellschaft, Brown Boverie & Cie., Baden, Switzerland. Bogie for rail vehicles. 2,330,994; Oct. 5.
- Pratt, Burt C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Phenolic compounds. 2,321,620; June 15.
- Pratt, Carl D., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Propellant fuel assembly. 2,309,978; Feb. 2.
- Pratt, Charles A., assignor to Goodman Manufacturing Company, Chicago, Ill. Feeding mechanism for shaker conveyers. 2,316,973; Apr. 20.
- Pratt, Charles A., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyor. 2,318,712; May 11.
- Pratt, James H., Birmingham, G. E. Manley, Earlswood, and A. H. G. Girling, Edgbaston, Birmingham, England. Hydraulic control mechanism. 2,313,359; Mar. 9.
- Pratt, Jesse M., assignor to H. F. Smith, Sr., Houston, Tex. Pump piston. 2,336,803; Dec. 14.
- Pratt, Malcolm G., and H. G. Berger, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Polymerization of oilic acid. 2,316,187; Apr. 13.
- Pratt, Raymond C., Chicago, Ill. Valance or the like. 2,332,339; Oct. 19.
- Pratt, Raymond C., assignor to Transportation Equipment Co., Chicago, Ill. Closure structure. 2,324,536; July 20.
- Pratt, Read & Company. (See Betz, William G., assignor.)
- Pratt, William A., Watford, England. Edge trimming means for use in rotary printing presses. 2,324,950; July 20.
- Pratt, William H., Lynn, Mass., assignor to General Electric Company. Volt-ampere demand recorder. 2,314,244; Mar. 16.
- Präusé, Robert H., Jr., Astoria, Oreg. Aerial device. 2,324,022; July 13.
- Pray, George E., and S. Riccobono, Washington, D. C. Modulating circuit for high frequencies. 2,307,074; Jan. 5.

- Pray, George E., and S. Riccobono, Washington, D. C. High frequency tubes and circuits. 2,326,801; Aug. 17.
- Pray, Henry A., Holden, assignor to Bartlett Memorial Institute, Columbus, Ohio. Metal electroplating. 2,336,568; Dec. 14.
- Pray Research Corporation. (See Pray, William O., as assignor.)
- Pray, Thomas E., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting mining machine. 2,310,314; Feb. 9.
- Pray, Thomas E., assignor to Goodman Manufacturing Company, Chicago, Ill. Slack or cuttings removing attachment for kerf-cutting machines. 2,322,315; June 22.
- Pray, William O., assignor to Pray Research Corporation, La Bague, Colo. Apparatus for heat treating oil shale and other finely divided materials. 2,335,611; Nov. 30.
- Prevak, Emil. (See Kierner, Anton, assignor.)
- Prebilt Housing Corporation. (See Hasenburger, H., and Corbett, assignors.)
- Preble, Andrew Y., El Centro, Calif. Preserving and shipping corn. 2,318,713; May 11.
- Preble, Andrew Y., El Centro, Calif. Precooling cargoes of vegetable products. 2,325,125; Dec. 7.
- Preble, Edwin N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for shaping shoe parts. 2,323,933; July 13.
- Precision Metals Research Works, Inc. (See Femberg, Elliott M., assignor.)
- Precision Grinding Limited. (See Barrott, G. P., and Plaut, assignors.)
- Precision Grinding Limited. (See Plaut, H. F., and Barrott, assignors.)
- Precision Grinding Limited. (See Plaut, H. F., Barrott, and True, assignors.)
- Precision Scientific Company. (See Van Guilder, Walter, assignor.)
- Predit, Florence H. (See Predit, Max D., Jr., assignor.)
- Predit, Max D., Jr., assignor to one-third to E. H. Predit, Hamilton, Ohio. Arm support for manicurists' table. 2,329,293; Sept. 14.
- Prehler, William C., Cleveland, Ohio. Apparatus for impregnating and forming fabric tubing. 2,324,645; July 20.
- Prels, Carl G., assignor to American Can Company, New York, N. Y. Manufacturing tin plate. 2,317,463; Apr. 27.
- Price, Carl G., Forest Hills, assignor to American Can Company, New York, N. Y. Container. 2,321,042; June 8.
- Preload Company, The. (See Hewett, William S., assignor.)
- Premier Crystal Laboratories, Inc. (See Bach, Henry M., assignor.)
- Premier Thread Company. (See Giglio, Antonio J., assignor.)
- Premo, Owen D., Muskegon Heights, Mich. Sharpening device. 2,309,272; Jan. 26.
- Premo, Owen D., Muskegon Heights, Mich. Shock absorber. 2,312,052; Feb. 23.
- Premo, Owen D., Muskegon Heights, Mich. Progressive extension drawer slide. 2,319,555; May 18.
- Premo, Owen D., Muskegon Heights, Mich. Shaft milling and grinding machine. 2,326,391; Aug. 10.
- Prendergast, James J., Bay City, R. A. Jones, Midland, and W. N. Guillett, Essexville, assignors to The Dow Chemical Company, Midland, Mich. Electrode holder. 2,310,164; Feb. 2.
- Prendergast, James J., Bay City, R. A. Jones, Midland, and C. F. Gladen, Bay City, assignors to The Dow Chemical Company, Midland, Mich. Composition and coated rod for arc welding magnesium alloys. 2,325,014; July 20.
- Prentiss Wabers Products Co. (See Yeager, Anton J., assignor.)
- Prepelitz, Charles J., Milwaukee, Wis. Flush type door handle. 2,334,580; Nov. 16.
- Prescott, Frank R. (See Stupakoff, S. H., and Prescott.)
- Prescott, Ford L., Dayton, Ohio. Torsional vibration damping means. 2,333,122; Nov. 2.
- President and Board of trustees of St. Louis University. (See Doisy, E. A., Thayer, Binkley, McKee, and MacCorquodale, assignors.)
- President and Directors of the Manhattan Company, trustee. (See Brogren, Ernest M., assignor.)
- Presley, William C., Grosse Pointe Woods, assignor to Braun Lumber Corporation, Detroit, Mich. Log cabin construction. 2,320,466; June 1.
- Press Association, Inc. (See Gano, Alfred S., assignor.)
- Press Wireless, Inc. (See Frain, Everett G., assignor.)
- Press Wireless, Inc. (See Gerhard, A. E., and Frain, assignors.)
- Press Wireless, Inc. (See Hilferty, Richard A., assignor.)
- Press Wireless, Inc. (See Zurian, Philip D., assignor.)
- Pressed Steel Car Company. (See Greener, Eugene R., assignor.)
- Pressed Steel Car Company. (See Koch, F., and Badgett, assignors.)
- Pressed Steel Car Company. (See Schlienger, Max A., assignor.)
- Pressed Steel Car Company. (See Suckfield, George A., assignor.)
- Pressed Steel Company Limited. (See Berriman, Algernon E., assignor.)
- Pressed Steel Tank Company. (See Merker, Herman, assignor.)
- Pressentin, Herbert G., Madison, Wis. Dispensing device. 2,320,749; June 1.
- Presser, Eric A. F., Hammond, Ind. Helical marine propeller. 2,327,453; Aug. 24.
- Presser, Ernst, Berlin-Dahlem, Germany; vested in the Alien Property Custodian. Photovoltaic cell and manufacturing the same. 2,360,420; Sept. 28.
- Pressley, Jackson H., Marion, Ind., assignor to Farnsworth Television and Radio Corporation. Automatic record changing apparatus. 2,311,596; Feb. 16.
- Pressley, Jackson H., Marion, Ind., assignor to Farnsworth Television and Radio Corporation. Automatic record-changing apparatus. 2,313,262; Mar. 9.
- Presslie Engineering Company, The. (See Ferguson, W. C., and Sussenhach, assignors.)
- Presslie Engineering Company. (See Ferguson, W. C., Sussenhach, and Smith, assignors.)
- Preston, Alice H. (See Hulick, Walter L., assignor.)
- Preston, Charles I., Muskegon, assignor to Continental Motors Corporation, Detroit, Mich. Aircraft engine mounting. 2,327,062; Aug. 17.
- Preston, Everett A. (See Nowak, J. B., Preston, and Sargent.)
- Preston, Frank W., Paterson, N. J. Lacing equipment. 2,316,102; Apr. 6.
- Preston, Harry, Brooklyn, assignor to San-Nap-Pak Manufacturing Company, Inc., New York, N. Y. Machine for cutting and folding tissue. 2,320,652; June 1.
- Preston, Robert A., Pasadena, Calif. Means and method for controlling motive forces. 2,325,707; Aug. 3.
- Preuss, John, Memphis, Tenn. Tanker. 2,314,555; Mar. 23.
- Prezioso, Giuseppe, assignor to E. Paillard et Cie S. A., Yverdon, Switzerland. Typewriter casing. 2,316,617; Apr. 13.
- Prezioso, Giuseppe, assignor to E. Paillard et Cie S. A., Yverdon, Switzerland. Type bar cushioning pad. 2,329,942; Sept. 21.
- Pribil, Maxwell K. (See Harroun, R. W., and Pribil.)
- Pribil, Severina, et al. (See Harroun, R. W., and Pribil, assignor.)
- Price, Albert O., Levesville, assignor to one-third to J. L. Noble, and one-third to W. J. Wesseler, Cleveland, Ohio. High speed rotor apparatus. 2,335,789; Nov. 30.
- Price Battery Corporation. (See Biles, Georges S., assignor.)
- Price, Donald, New York, N. Y., E. L. May, Newark, N. J., and F. D. Pickel, Baltimore, N. Y., assignors to National Oil Products Company, Harrison, N. J. Making pyrimidine compounds. 2,330,380; Sept. 28.
- Price, Donald W. (See Kellermann, M. A., and Price.)
- Price, Earl R., assignor to Bendix Aviation Corporation, South Bend, Ind. Power brake. 2,332,340; Oct. 19.
- Price, George E., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Iron. 2,337,836; Dec. 28.
- Price, Grace M., assignor to American Patents Syndicate Inc., Chicago, Ill. Shade roller. 2,336,189; Dec. 7.
- Price, Harold W., and W. L. Krieg, assignors to Bendix Aviation Corporation, South Bend, Ind. Gear shifting mechanism. 2,332,341; Oct. 19.
- Price, Harry. (See Delaruelle, A. H., and Price.)
- Price, Harry S., Dayton, Ohio. Tubular core. 2,312,587; Mar. 2.
- Price, John E. (See Barnes, A. A., and Price.)
- Price, John E., assignor to Oswego Falls Corporation, Fulton, N. Y. Machine for applying hood caps. 2,310,868; Feb. 9.
- Price, John E., assignor to Oswego Falls Corporation, Fulton, N. Y. Machine for cooling coated containers. 2,319,474; May 18.
- Price, Joseph W., Jr., Jenkintown, assignor to The United States Metallic Packing Company, Philadelphia, Pa. Metallic packing ring for locomotive piston rods and the like. 2,323,186; Nov. 2.
- Price, Laurence L. (See Maltby, M. E., and Price.)
- Price, Laurence L., Los Angeles, Calif., assignor, by mesne assignments, to P. A. Wooster. Controlled interfold dispenser. 2,337,065; Dec. 21.
- Price, Nathan C., Hollywood, Calif., assignor, by mesne assignments, to Boeing Aircraft Company, Seattle, Wash. Pressure control system for aircraft cabins. Re. 2,272; Feb. 16.
- Price, Nathan C., Hollywood, assignor to Sirius Corporation, San Francisco, Calif. Vapor condenser and liquid radiator. 2,309,274; Jan. 26.
- Price, Nathan C., Hollywood, assignor to Lockheed Aircraft Corporation, Burbank, Calif. Solenoid operated valve. 2,320,008; May 25.
- Price, Nathan C., assignor by mesne assignments, to Boeing Aircraft Company, Seattle, Wash. Blower automatic throttle. 2,324,236; July 13.
- Price, Percy A., Marshfield, Oreg. Edger saw collar. 2,337,854; Dec. 28.
- Price, Peter R. (See Fedden, A. H. R., Butler, Thomas and Price.)
- Price, Peter R. (See Thomas, F. M., Kenney, and Price.)
- Price, Ralph E., Highfield, Md., E. B. Balsiger, and M. A. Hollengreen, assignors to Landis Tool Company, Waynesboro, Pa. Feed mechanism. 2,313,479; Mar. 9.

- Price, Ralph E., Highfield, Md., and H. E. Balsiger, assignors to Landis Tool Company, Waynesboro, Pa. Spindle reciprocating mechanism. 2,318,799; May 11.
- Price, Ralph E., H. E. Balsiger, and M. A. Hollengreen, assignors to Landis Tool Company, Waynesboro, Pa. Grinding machine. 2,335,550; Nov. 30.
- Price, Robert W., Orangeburg, and G. H. Carlson, Pearl River, assignors to Lederer Laboratories, Inc., New York, N. Y. Preparations of 2-methyl-1,4-naphthoquinone. 2,331,725; Oct. 12.
- Price, Russell C., Frankfort, Ind. Guideless jointed cane fishing pole. 2,334,646; Nov. 16.
- Price, Stanley. (See Dureau, A. A., and Price.)
- Price, Stanley, La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Shipping element. 2,308,713; Jan. 19.
- Price, Stanley, La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Carton. 2,322,389; June 22.
- Prichard, Richard E. (See Graves, A., and Prichard.)
- Priebe, Edward H., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,319,515; May 18.
- Priessman, Neil Y., Short Hills, N. J., and J. Whytock, Garden City, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrically conductive device. 2,309,081; Jan. 26.
- Priester, Remmet, Deventer, Netherlands; vested in the Alien Property Custodian. Making drying oils. 2,309,273; Jan. 26.
- Prillwitz, Hans. (See Hecht, O., Prillwitz, and Dane.)
- Prime-Manufacturing Company, The. (See Kelly, Daniel A., assignor.)
- Prince, Arthur E., Chatham, N. J., assignor to Otis Elevator Company, New York, N. Y. Interlock for elevator doors. 2,307,542; Jan. 5.
- Prince, Arthur C., assignor to Chicago Thrift Company, Chicago, Ill. Coin bank slot guard. 2,331,726; Oct. 12.
- Prince, Burton A., Westfield, Mass., assignor to W. E. Irving, Glenbrook, Conn. Grating. 2,333,554; Nov. 2.
- Prince, Charles A., Shreveport, La., assignor to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,308,425; Jan. 12.
- Prince, John, and M. Whitehead, Hollinwood, England, assignors to Ferranti Electric Inc. Induction type electricity integrating meter. 2,326,885; Aug. 17.
- Prince, Leon M., Jr., New York, N. Y. Automatic telephone system. 2,308,778; Jan. 19.
- Prince, Richard E., and J. T. Edwards, Columbus, Ohio. Soil retaining wall for basement windows. 2,316,712; Apr. 13.
- Prindle, Karl E., Shaker Heights, assignor to The Dockbaum Company, Cleveland, Ohio. Printed packaging material and making same. 2,337,348; Dec. 21.
- Pringle, Charles E., and M. M. Murray, assignors to Milwaukee Lace Paper Co., Milwaukee, Wis. Display stand. 2,326,493; Aug. 10.
- Printz, Henry, Reading, assignor to Textile Machine Works, Wyomissing, Pa. Fabric rawfow means for textile machines. 2,333,074; Oct. 26.
- Prior, Harold D. (See Hake, D. S., and Prior.)
- Pritchard, Harold O., Baldwin, N. Y., deceased; M. B. Pritchard, administratrix. Surgical irrigating equipment. 2,331,226; Oct. 5.
- Pritchard, Howard A., Hiram, assignor to Harris-Seay-Bolt-Porter Company, Cleveland, Ohio. Sheet feeder. 2,309,479; Feb. 2.
- Pritchard, Margaret B., administratrix. (See Pritchard, Harold O.)
- Pritchard, Percy, Barnt Green, England. Casting of metals. 2,313,004; Mar. 2.
- Pritchard, Sydney C., London, England. Hair drying machine. Re. 2,239; June 29.
- Pritchard, William C., and R. A. Daily, Muncie, Ind., assignors to General Motors Corporation, Detroit, Mich. Extraction of lignosulphonic acid. 2,325,542; July 27.
- Pritchard, William T., Belvidere, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable ring. 2,332,112; Oct. 19.
- Pritchett, Willis R., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Measuring instrument pointer. 2,329,079; Sept. 7.
- Process Holdings Company. (See Marchese, J., and Selden, assignors.)
- Process Holdings Company. (See Smith, Nathaniel L., assignor.)
- Process Management Company, Inc. (See Armistead, George, Jr., assignor.)
- Process Management Company. (See Atwell, Harold V., assignor.)
- Process Management Company. (See Fehrer, Harold, assignor.)
- Process Management Company. (See Riblett, Earl W., assignor.)
- Process Management Company. (See Rice, Francis O., assignor.)
- Process Management Company. (See Taylor, H. S., and Fehrer, assignors.)
- Process Management Company. (See Turkevich, John, assignor.)
- Prochazka, Joseph. (See Gladfelter, W. I., and Prochazka.)
- Procter, Anthony, Newcastle-upon-Tyne, England. Fluid-sealing and dust-excluding device for shafts, bearings, and the like. 2,316,713; Apr. 13.
- Procter & Gamble Company, The. (See Burt, R. V., and Macneale, assignors.)
- Procter & Gamble Company, The. (See Eckey, Eddy W., assignor.)
- Procter & Gamble Company, The. (See Mertens, Andreas, assignor.)
- Procter & Gamble Company, The. (See Tucker, Nathaniel B., assignor.)
- Procter & Gamble Company, The. (See Wolter, Erhart, assignor.)
- Proctor, B. A., Company. (See Proctor, Barton A., assignor.)
- Proctor, Barton A., Company. (See Thiede, Ferdinand C. W., assignor.)
- Proctor, Barton A., Larchmont, assignor to B. A. Proctor Company, Inc., New York, N. Y. Sound recording and reproducing. 2,318,627; May 11.
- Proctor, Barton A., Larchmont, assignor to B. A. Proctor Company, Inc., New York, N. Y. Sound translating machine. 2,318,628; May 11.
- Proctor, Barton A., Larchmont, assignor to B. A. Proctor Company, Inc., New York, N. Y. Sound recording and reproducing device. 2,322,467; June 22.
- Proctor, Barton A., Larchmont, assignor to B. A. Proctor Company, Inc., New York, N. Y. Sound-translating machine. 2,329,482; Sept. 14.
- Proctor, Barton A., Larchmont, assignor to B. A. Proctor Company, Inc., New York, N. Y. Disk record container and package. 2,332,598; Oct. 26.
- Proctor, James W., Summit, N. J., and W. S. Allen, Flushing, assignors to General Chemical Company, New York, N. Y. Tank construction. 2,327,332; Aug. 17.
- Proctor, M. E. (See Chiappinelli, Quirino, assignor.)
- Proctor, Robert V., assignor to The Commercial Shearing and Stamping Company, Youngstown, Ohio. Tunnel construction. 2,309,012; Jan. 19.
- Proctor & Schwartz, Inc. (See Fagan, John C., assignor.)
- Proctor & Schwartz, Inc. (See Myers, Joseph W., assignor.)
- Proctor & Schwartz, Inc. (See Reid, Edward C., assignor.)
- Proctor & Schwartz, Inc. (See Stevenson, Robert O., assignor.)
- Proctor & Schwartz, Incorporated. (See Tiers, Louis P., assignor.)
- Proctor, William E., Baltimore, Md. Alarm mechanism. 2,326,550; Aug. 10.
- Proctor, William E., Baltimore, Md. Marine boiler regulator. 2,326,560; Aug. 10.
- Producers Creamery Company. (See Crighton, William T., assignor.)
- Production Devices Incorporated. (See Cross, Cedric B., assignor.)
- Production Devices Incorporated. (See Garrigus, C. G., assignor.)
- Production Instrument Company. (See Poole, Frederick A., assignor.)
- Production Plating Works, Inc., The. (See Enghauser, Winford L., assignor.)
- Productive Inventions, Inc. (See Smulski, Theodore J., assignor.)
- Products Development, Inc. (See Abernathy, David W., assignor.)
- Proell, Wayne A., assignor to Standard Oil Company, Chicago, Ill. Diesel fuel. 2,333,817; Nov. 9.
- Proeschler, Frederick, San Jose, and V. M. Sycheff, Palo Alto, Calif., assignors to Research Corporation, New York, N. Y. Acridinium azo compounds. 2,318,968; May 11.
- Progressive Welder Company. (See Leathers, C. F., and Undy, assignors.)
- Progressive Welder Company. (See Van Eck, Cornelius B., assignor.)
- Projectile & Engineering Company, Limited, The. (See Bridges, Walter, assignor.)
- Proksa, John K., Chicago, Ill. Boring device. 2,310,992; Feb. 16.
- Propane Development Corporation. (See Schlumbohm, Peter, assignor.)
- Pro-phy-lac-tic Brush Company. (See Dahle, Joseph, assignor.)
- Pro-phy-lac-tic Brush Company. (See Dawson, Charles E., assignor.)
- Pro-phy-lac-tic Brush Company. (See Gustafson, Lewis H., assignor.)
- Prosperity Company, The. (See Braun, Philip N., assignor.)
- Prosperity Company, The. (See Burgard, Peter, assignor.)
- Prosperity Company, The. (See Davis, Ernest, assignor.)
- Prosperity Company. (See Downer, C. P., and Cooper, assignors.)
- Prosperity Company, The. (See Gayring, Wallace F., assignor.)
- Prosperity Company, The. (See Rohr, Alton J., assignor.)
- Prosperity Company, The. (See Wiegman, F. A., and Young, assignors.)
- Prosperity Company, The. (See Yanchenko, Basil J., assignor.)

- Prosperity Company, Inc., The. (See Zimarik, Louis, assignor.)
- Prosser, Thomas W., Riverside, J. H. Wahlbeck, Kankakee, L. H. Oswald and L. S. Kleinfeld, assignors to Paramount Textile Machinery Co., Chicago, Ill. Machine for setting the shape of textile articles. 2,309,659; Feb. 2.
- Protocessal Company of America, Inc. (See Lebus, William A., assignor.)
- Prots, William C., assignor to National Tinsel Manufacturing Company, Manitowoc, Wis. Method and apparatus for forming reinforced tape. 2,321,512; Mar. 8.
- Proulx, Margaret L., Winnipeg, Manitoba, Canada. Temperature taking grain sampler. 2,331,237; Oct. 5.
- Proudan, Chester F. (See Walters, F. C., and Proudan, man.)
- Proulx, Jean, Hull, Quebec, Canada. Treating wood blocks for suction box covers and the like. 2,312,978; Mar. 2.
- Provident Trust Company. (See Welmer, Russell M., assignor.)
- Province of Quebec, Department of Colonization, The. (See Lévesque, Jean, assignor.)
- Provost, Laurence R., Cheyenne, Wyo. Fish lure. 2,328,295; Aug. 31.
- Prox, Frank, Company. (See Fulke L., assignor.)
- Prucha, Emil J., Convent Station, N. J. Silent propeller. 2,333,555; Nov. 2.
- Prudden, Theodore M., Hingham Center, Mass. Acoustics. 2,308,302; Jan. 12.
- Prie, Walter W., Auburn, Maine, assignor to United Shoe Machinery Corporation, Flenington, N. J. Nozzle for sole cementing machines. 2,336,121; Dec. 7.
- Pruitt, Ralph S., Anderson, S. C. Liquid fuel burner. 2,311,469; Feb. 16.
- Pruitt, Carl F., Cleveland Heights, assignor, by mesne assignments, to Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricant. 2,310,993; Feb. 16.
- Pruitt, Carl F., Cleveland Heights, assignor to The Lubri-Zol Corporation, Wickliffe, Ohio. Lubricating composition. 2,318,629; May 11.
- Pruitt, Carl F., Cleveland, assignor to The Lubri-Zol Corporation, Wickliffe, Ohio. Lubricating composition. 2,318,630; May 11.
- Pruitt, Carl F., East Cleveland, assignor, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,320,984; June 1.
- Pruitt, Carl F., Cleveland, assignor to The Lubri-Zol Corporation, Wickliffe, Ohio. Lubricating composition. 2,322,209; June 22.
- Pruitt, Carl F., East Cleveland, assignor, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,330,238; Sept. 28.
- Pruitt, Carl F., Cleveland Heights, assignor to The Lubri-Zol Corporation, Wickliffe, Ohio. Lubricant. 2,330,239; Sept. 28.
- Pruitt, Carl F., Cleveland Heights, and A. K. Smith, Shaker Heights, assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,318,613; May 4.
- Pruitt, Carl F., Cleveland Heights, and H. E. Johnson, Willoughby, assignors to The Lubri-Zol Corporation, Wickliffe, Ohio. Deodorized sulphur-bearing composition. 2,319,630; May 18.
- Pruzzman, Paul W. (See Vogel, Willard L., assignor.)
- Pryor, William A., assignor to Harris Foundry & Machine Company, Cordele, Ga. Press. 2,336,637; Dec. 14.
- Przyborski, Stanislaus. (See Whitt, S. A., and Przyborowski.)
- Przyborski, Stanislaus, Tonawanda, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Radiator core and making the same. 2,307,298; Jan. 5.
- Psatnik, Kolman J., New York, N. Y. Portable cigarette making machine. 2,314,734; Mar. 23.
- Puch, Joliffe, Prague, Czechoslovakia; vested in the Alien Property Custodian. Sliding clasp fastener. 2,313,579; Mar. 9.
- Pucci, John G., Westerly, R. I. Illuminatable vanity case and like container. 2,314,517; Mar. 23.
- Puchner, Erwin, Rome, Italy; vested in the Alien Property Custodian. Bomb comprising a compressed mass of fire extinguishing powder. 2,328,491; Aug. 31.
- Puchy, Clarence G. (See Coons, C. C., and Puchy.)
- Puckett, Nick T., Indianapolis, Ind. Agitator for storage bins. 2,333,739; Nov. 9.
- Pudelko, Richard, assignor to Landis & Gyr, A.-G., Zug, Switzerland. Electricity meter. 2,321,419; June 8.
- Puening, Franz, New York, N. Y. Coke oven with movable walls. 2,311,349; Feb. 16.
- Puerner, George O. (See Zimmerman, H. M., and Puerner.)
- Puett Electrical Starting Gate Corporation. (See Harris, N. C., and Whann, assignors.)
- Pugsley, Edwin, and F. L. Humeston, assignors to Western Cartridge Company, New Haven, Conn. Firearm with sling strap. 2,335,357; Nov. 30.
- Pullen, Fred W., assignor to Bissell Carpet Sweeper Co., Grand Rapids, Mich. Carpet sweeper. 2,307,156; Jan. 5.
- Pullen, Fred W., assignor to Bissell Carpet Sweeper Co., Grand Rapids, Mich. Carpet sweeper. 2,319,631; May 18.
- Pulleyblank, Harper E., assignor to Gemmer Manufacturing Company, Detroit, Mich. Steering gear. 2,319,680; May 18.
- Pullin, Cyril G., Genista, Newton Mearns, Scotland, assignor to Autogiro Company of America, Willow Grove, Pa. Rotary wing aircraft. 2,317,342; Apr. 27.
- Pullin, Cyril G., Genista, Newton Mearns, Scotland, assignor to Autogiro Company of America, Willow Grove, Pa. Rotary wing aircraft. 2,319,781; May 25.
- Pullin, Cyril G., Genista, Newton Mearns, Scotland, assignor to Autogiro Company of America, Willow Grove, Pa. Rotary wing aircraft. 2,325,632; Aug. 3.
- Pullin, Cyril G., Genista, Newton Mearns, Scotland, assignor to Autogiro Company of America, Willow Grove, Pa. Rotary wing aircraft. 2,327,370; Aug. 24.
- Pullin, Cyril G., Genista, Newton Mearns, Scotland, assignor to Autogiro Company of America, Willow Grove, Pa. Rotating wing aircraft. 2,330,842; Oct. 5.
- Pullin, Cyril G., Genista, Newton Mearns, Scotland, assignor to Autogiro Company of America, Willow Grove, Pa. Stabilization and control of rotating wing aircraft. 2,337,570; Dec. 28.
- Pullin, Cyril G., assignor to Genista, Newton Mearns, Scotland, assignor to Autogiro Company of America, Willow Grove, Pa. Rotary wing aircraft. 2,337,571; Dec. 28.
- Pullin, R. B., & Company Limited. (See Slinn, Walter H., assignor.)
- Pullman Company, The. (See Andersen, Lelf, assignor.)
- Pullman Company, The. (See Jones, Basil E., assignor.)
- Pullman Company, The. (See Parke, Peter, assignor.)
- Pullman Company, The. (See Parke, P., and Apel, assignors.)
- Pullman Company, The. (See Parke, P., Tully, Andersen, and Jones, assignors.)
- Pullman Company, The. (See Tully, J. K., and Jones, assignors.)
- Pullman-Standard Car Manufacturing Company. (See Andersen, Lawrence C., assignor.)
- Pullman-Standard Car Manufacturing Company. (See Apel, Carl H., assignor.)
- Pullman-Standard Car Manufacturing Company. (See Brack, Joseph L., assignor.)
- Pullman-Standard Car Manufacturing Company. (See Gunn, Francis M., assignor.)
- Pullman-Standard Car Manufacturing Company. (See Hartwig, Arthur H., assignor.)
- Pullman-Standard Car Manufacturing Company. (See McKinnon, Alexander E., assignor.)
- Pullman-Standard Car Manufacturing Company. (See Shaver, Raymond M., assignor.)
- Pullman-Standard Car Manufacturing Company. (See Thunstrom, Nils A., assignor.)
- Pulp Reduction Company. (See Risch, Arthur H., assignor.)
- Pump Engineering Service Corporation. (See Lauck, John A., assignor.)
- Pump Engineering Service Corporation. (See Phillips, Michael J., assignor.)
- Pump Engineering Service Corporation. (See Ror, Homer D., assignor.)
- Punch-Lok Company. (See Govanus, Elmer J., assignor.)
- Punch-Lok Company. (See McKee, Charles H., assignor.)
- Pung, Paula M., San Francisco, Calif. Copy holder. 2,325,273; July 27.
- Punga, Franklin, Darmstadt, Germany; vested in the Alien Property Custodian. Locomotive for high-voltage direct current. 2,317,802; Apr. 27.
- Pungor, Charles, Detroit, Mich. Dress steamer device. 2,319,434; May 18.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Metal container for beverages. 2,312,558; Mar. 2.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Easy opening container. 2,312,359; Mar. 2.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Padless crown cap. 2,327,454; Aug. 24.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Padless crown cap. 2,327,455; Aug. 24.
- Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Container with closure locking band. 2,327,456; Aug. 24.
- Punte, William F., Passaic, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Container with opener. 2,328,366; Nov. 23.
- Purton, Charles W., Penn Township, Allegheny County, and W. P. Yant, assignors to Mine Safety Appliances Company, Pittsburgh, Pa. Canister. 2,334,840; Nov. 23.
- Purell, John, Topeka, Kans. House car end wall lining. 2,308,025; Jan. 12.
- Purchna, Frederick A., assignor to Central Paper Box Company, McGraw, N. Y. Chest for silverware. 2,334,839; Nov. 23.
- Purden, Robert H., assignor to Joseph Lucas Limited, Birmingham, England. Wiper for wind screens or other windows. 2,334,508; Nov. 16.

- Purdue Research Foundation. (See Degering, E. F., and Sprang, assignors.)
- Purdue Research Foundation. (See George, Roscoe H., assignor.)
- Purdue Research Foundation. (See Lecky, Herbert S., assignor.)
- Purdue Research Foundation. (See McBee, E. T., and Riley, assignors.)
- Purdue Research Foundation. (See Tiffin, J., and Karslake, assignors.)
- Purdy, Harry W., assignor to Douglas Aircraft Company, Incorporated, Santa Monica, Calif. Clamp. 2,308,105; Jan. 12.
- Pure Oil Company, The. (See Ayers, G. W., Jr., D. C. Bond, and L. M. Henderson, assignors.)
- Pure Oil Company, The. (See Ayers, G. W., Jr., and Henderson, assignors.)
- Pure Oil Company, The. (See Backoff, W. J., and Williams, assignors.)
- Pure Oil Company, The. (See Backoff, W. J., Williams, O'Loughlin, Moir, and Yule, assignors.)
- Pure Oil Company, The. (See Bond, Donald C., assignor.)
- Pure Oil Company, The. (See Bond, D. C., Ayers, Jr., and Henderson, assignors.)
- Pure Oil Company, The. (See Chittick, M. B., and McKinney, assignors.)
- Pure Oil Company, The. (See Chittick, M. B., and Schlant, assignors.)
- Pure Oil Company, The. (See Henderson, Lawrence M., assignor.)
- Pure Oil Company, The. (See Henderson, L. M., and Ayers, Jr., assignors.)
- Pure Oil Company, The. (See Henderson, L. M., Ayers, and Bond, assignors.)
- Pure Oil Company, The. (See Henderson, L. M., and Bond, assignors.)
- Pure Oil Company, The. (See Maschwitz, P. A., and Ridgway, assignors.)
- Pure Oil Company, The. (See McKinney, P. V., and Mayberry, assignors.)
- Pure Oil Company, The. (See McNamara, Timothy L., assignor.)
- Pure Oil Company, The. (See McNamara, T. L., and Henderson, assignors.)
- Pure Oil Company, The. (See Ridgway, Charles M., assignor.)
- Pure Oil Company, The. (See Risk, T. H., Henderson, and Wilder, assignors.)
- Pure Oil Company, The. (See Schindler, Hans, assignor.)
- Pure Oil Company, The. (See Terrell, Charles F., Jr., assignor.)
- Pure Oil Company, The. (See Thacker, Carlisle M., assignor.)
- Pure Oil Company, The. (See Throckmorton, John W., assignor.)
- Pure Oil Company, The. (See Whittier, W. A., and Stueker, assignors.)
- Pure Oil Company, The. (See Williams, Norman D., assignor.)
- Purifoy, George R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control and brake system. 2,318,330; May 4.
- Purifoy, George R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,318,331; May 4.
- Purifoy, George R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,318,332; May 4.
- Purifoy, George R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,331,228; Oct. 5.
- Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Fluted shank fastener. 2,314,897; Mar. 30.
- Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Fluted shank fastener. 2,314,898; Mar. 30.
- Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Snap fastener. 2,327,554; Aug. 24.
- Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Fastener. 2,327,555; Aug. 24.
- Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Fluted shank fastener. 2,327,556; Aug. 24.
- Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Fastener. 2,334,352; Nov. 16.
- Purkiss, Frank T. (See Madge, E. W., and Purkiss.)
- Purkiss, Robert B., assignor to The Batesville Casket Company, Batesville, Ind. Apparatus for locking and sealing burial caskets. 2,323,674; July 6.
- Purnell, Charles G., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Heat treatment of hardenable steel. 2,322,777; June 29.
- Purulator Products, Inc. (See Williams, Lewis W., assignor.)
- Pursel, Russell W., Indianapolis, Ind. Wire drawing apparatus. 2,325,342; July 27.
- Purvis, Judson A., Chicago, Ill. Balanced tire assembly. 2,311,999; Feb. 23.
- Purvis, Melvin, et al. (See Head, John S., assignor.)
- Pushker, Harvey M. (See Lund, Frank M., assignor.)
- Pusinelli, Eric. (See Serr, William F., assignor.)
- Putnam, Henry V., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Core. 2,315,654; Apr. 6.
- Putnam, Henry V., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Core structure. 2,318,095; May 4.
- Putnam, David F. (See Robbins, C. F., and Putnam.)
- Putnam, Erie T., Detroit, Mich., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Building block. 2,319,345; Mar. 17.
- Putnam, Erie T., Detroit, Mich., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Building unit. 2,325,800; Aug. 3.
- Putney, David H., assignor to Stratford Development Corporation, Kansas City, Mo. Alkylation process employing evaporative cooling. 2,334,955; Nov. 23.
- Putt, Donald L., Fairfield, Ohio. Control lever. 2,313,768; Mar. 16.
- Putt, Harrie O., Elkhart, Ind. Electric throttle control system. 2,315,273; Mar. 30.
- Putt, Harrie O., Elkhart, Ind. High-speed hydraulic turbine transmission or drive. 2,317,938; Apr. 27.
- Puttfarcken, Wilhelm. (See Kesselring, F., Gleffers, Kaufmann, Neugebauer, Puttfarcken, Schimpf, and Zühlke.)
- Puzik, Otto V., Cleveland Heights, assignor to Rudolph I. Schmitzer, Shaker Heights, Ohio. Tread block core for endless tracks and the like. 2,331,345; Nov. 23.
- Pvay, Burley A., Fort Crook, Nebr. Internal combustion engine. 2,316,618; Apr. 13.
- Pycroft, Paul de F. Craddock, Ruisslp, England. Electrical testing appliance. 2,335,392; Nov. 30.
- Pye, Carl F., Winnipeg, Manitoba, Canada. Tank filling device. 2,325,274; July 27.
- Pye, David J., Walnut Creek, Calif., assignor to The Dow Chemical Company, Midland, Mich. Sodium sulphate flotation. 2,310,315; Feb. 9.
- Pye, Harold C., Oak Park, Ill., assignor to Automatic Electric Laboratories, Inc. Sound translating device. 2,331,044; Oct. 5.
- Pyk, Sven C., Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Auto valve arrester. 2,324,108; July 13.
- Pyle, Howard, Glendale, assignor to Union Oil Company of California, Los Angeles, Calif. Gas anchor. 2,311,963; Feb. 23.
- Pyle, John V., Pleasantville, assignor to Kennedy-Van Saun Mfg. & Eng. Corporation, New York, N. Y. Steam generator. 2,313,841; Mar. 16.
- Pyle-National Company, The. (See McDowell, Thomas E., assignor.)
- Pyle, Percival R. C., Warmley, near Bristol, and N. C. Sheppard, Fishponds, Bristol, assignors to Magnal Products Limited, Warmley, near Bristol, England. Flux for magnesium and magnesium alloys. 2,311,126; Feb. 16.
- Pyle, Richard M., Dallas, Tex. Stove. 2,311,570; Feb. 16.
- Pym, Arthur F. (See Cushman, L. H., and Pym.)
- Pyme, Roger S., Longmeadow, Mass., assignor to Van Norman Company. Cross feed for grinding machines. 2,334,581; Nov. 16.
- Pynn, Leader G. (See Ransom, H. U., and Pynn.)
- Pyrene Minimax Corporation. (See Ratzer, Arthur F., assignor.)
- Pyrotecnax Limited. (See Lewis, James G., assignor.)
- Pyzel, Frederic M., Piedmont, Calif. Apparatus for carrying out chemical reactions. 2,332,527; Oct. 26.
- Pzvik, Friedrich. (See Ebel, F., and Pzvik.)
- Quackenbush, Willis R. (See Pizzi, A. L., and Quackenbush.)
- Quad Manufacturing Company. (See Sihvonen, E. W., and Pohkonen, assignor.)
- Quadrex Corporation. (See Leathers, Ward, assignor.)
- Quain, Mark, Bronx, N. Y. Revolving laundry assembly unit. 2,324,696; July 20.
- Quaker Manufacturing Company. (See Schreuder, Arthur N., assignor.)
- Quaker Oats Company. (See Gustavson, Elmer G., assignor.)
- Quaker Oats Company, The. (See Peters, Fredus N., assignor.)
- Quaker Oats Company, The. (See Trimble, Floyd, assignor.)
- Quaker Oats Company et al. (See Turner, C. W., and Reineke, assignors.)
- Quaker Oats Company, The. (See Winterkorn, Hans F., assignor.)
- Quality Hardware and Machine Corporation. (See Persson, Per O., assignor.)
- Qualls, Frank A., Seattle, Wash. Mailbox. 2,334,647; Nov. 16.
- Quarrie, Eugene A. (See Foerste, W., and Quarrie.)
- Quatman, George B., Lima, Ohio. Insulating and air-conditioned building construction. 2,333,556; Nov. 2.
- Quettebaum, William M., Jr., and D. M. Young, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Vinyl resin composition. 2,307,075; Jan. 5.

- Quattlebaum, William M., Jr., and C. A. Noffsinger, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Stabilized vinyl resin. 2,307,157; Jan. 5.
- Quayle, George, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lift truck. 2,309,138; Jan. 26.
- Quayle, George, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Reversible pallet. 2,311,280; Feb. 16.
- Quayle, George, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Skid platform. 2,327,847; Aug. 24.
- Quayle, Joshua C. Helsby, assignor to British Insulated Cables Limited, Prescott, Lancashire, England. Arrangement for the measurement of electrical impedances. 2,319,475; May 18.
- Quayle, Joshua C., Manley, Helsby, England, assignor to International Standard Electric Corporation. Electric communication cable. 2,330,381; Sept. 28.
- Quear, Charles L., Kansas City, Mo. Fly rod reel. 2,328,672; Sept. 7.
- Quebarte, Arthur, Boulogne-sur-Seine, and E. Seignol, Paris, France, assignors to Societe Auxiliaire pour le developpement d'Industries Mecaniques (S. A. D. I. M.), Geneva, Switzerland. Electric clock. 2,311,964; Feb. 23.
- Queen, Harold E., et al., executors. (See Replogle, Daniel B.)
- Quemener, Paul E., Cooper Cliff, Ontario, Canada, and W. A. Mudge, assignors to The International Nickel Company, Inc., New York, N. Y. Bearing. 2,324,482; Sept. 14.
- Quentin, William E., Schenectady, N. Y., assignor to General Electric Company. Controller operating mechanism. 2,324,876; July 20.
- Quick, Claude E., Glendale, Calif., assignor to Interstate Bakers Corporation, Kansas City, Mo. Liquid apportioning device. 2,321,241; June 8.
- Quick, Frederick A., Beltsboro, assignor to All Purpose Metal Corporation, Brooklyn, N. Y. Transfer sheet. 2,318,096; May 4.
- Quick Telephone Number Reminder Limited. (See Panzetta, Harry, assignor.)
- Quickel, Michael H., Utica, Ill. Aircraft. 2,334,286; Nov. 16.
- Quichey, James R., Hammond, Ind., assignor to Graver Tank & Mfg. Co., Inc. Welding machine. 2,327,920; Aug. 24.
- Quizley, John T., Los Angeles, Calif. Self labeling visible. 2,324,537; July 20.
- Quizley, John T., Los Angeles, Calif. Self-labeling visible indexed jacket file. 2,330,007; Sept. 21.
- Quizley, Lloyd. (See Rogers, Donald S., assignor.)
- Quinn, James J. (See Craig, H. E., and Quigley.)
- Quillin, Richard H., Aberdeen Proving Ground, Md. Masonry drill. 2,318,631; May 11.
- Quilter, John R. C., and J. Gregory, Woking, England. Aviation garment. 2,331,727; Oct. 12.
- Quincy Stove Manufacturing Company, The. (See Lange, Henry, assignor.)
- Quinn, Amos L., La Grange Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Winding machine. 2,326,969; Aug. 17.
- Quinn, Edward, Malden, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Assembling machine. 2,318,632; May 11.
- Quinn, Edward, Malden, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,327,125; Aug. 17.
- Quinn, Edward, Malden, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,332,599; Oct. 26.
- Quinn, Edward, Saugus, and A. L. Jalbert, Haverhill, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Shoe quarter and forming same. 2,316,363; Apr. 13.
- Quinn, John W. (See Wilson, D. I., and Quinn.)
- Quinn, Nelson J., Toledo, Ohio. Abrasive projecting apparatus. 2,328,581; Sept. 7.
- Quinn, Robert G., Bridgewater Township, Somerset County, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Coated product and making same. 2,321,937; June 15.
- Quinn, Robert G., Bridgewater Township, Somerset County, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Coating process. 2,321,938; June 15.
- Quinn, Robert G., Bridgewater Township, Somerset County, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Coating fibrous sheets. 2,321,939; June 15.
- Quinn, Robert G., Montclair, and H. Larison, Somerville, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Making felted sheets. 2,307,639; Jan. 5.
- Quinn, William B., Philadelphia, Pa. Leather staking machine. 2,308,824; Jan. 19.
- Quinn Wire & Iron Works. (See Quinn, Charles C., assignor.)
- Quintin, Roger A., and E. W. Graham, Stockton, Calif. Dump truck. 2,309,787; Feb. 2.
- Quiros, Francisco A., Newark, N. J. Internal combustion engine. 2,315,011; Mar. 30.
- Quiros, Francisco A., assignor to Kieley and Mueller, Inc., New York, N. Y. Reducing valve. 2,320,886; June 1.
- Quisling, Sverre, Madison, Wis. Cosmetic coloring composition. 2,320,098; May 25.
- Quist, Oscar, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,329,484; Sept. 14.
- R. C. Can Company. (See Cullen, Arthur E., assignor.)
- Rabe, Carl W., Sioux Falls, S. Dak. Illuminated portable writing board. 2,307,468; Jan. 5.
- Rabe, Carl W., Sioux Falls, S. Dak. Illuminating device. 2,329,556; Sept. 14.
- Rabald, Erich. (See Dietrich, H., Johannesohn, Rabald, and Peris.)
- Rabald, Erich. (See Troch, P., Voss, Rabald, and Geigel.)
- Rabald, Erich, and J. Kraus, Mannheim-Waldhof, Germany, assignors to Rare Chemicals, Inc., Nepera Park, N. Y. Obtaining crystallized heart stimulants. 2,312,588; Mar. 2.
- Rabedew, Newton J., Oroville, Calif. Pocket ash tray. 2,300,498; Feb. 2.
- Rabenda, Edward J. (See Mills, A. W., Furman and Rabenda.)
- Rabazzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Plug supporting member for spark plug cleaners. 2,314,556; Mar. 23.
- Rabazzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Aircraft spark plug. 2,334,266; Dec. 14.
- Rabazzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Shielded spark plug for aircraft engines. 2,336,570; Dec. 14.
- Rabazzana, Hector, and A. J. Battey, Flint, assignors to General Motors Corporation, Detroit, Mich. Spark plug adjusting device. 2,321,854; June 15.
- Rabill, Pierre J., assignor of thirty per cent to J. Helal, Montreal, Quebec, Canada. Cephalic bag. 2,320,467; June 1.
- Rabin, Benjamin. (See Earhart, K. A., and Rabin.)
- Rabinow, David. (See Whittier, G., and Rabinow.)
- Rabinowicz, Mechel, assignor of one-half to I. N. Kestenbaum, London, England. Gas burner. 2,311,127; Feb. 16.
- Rabinowitz, Louis M., New York, N. Y. Adjustable garment strap. 2,312,775; Mar. 2.
- Rabkin, Morris A., et al. (See Clemente, Agostino, assignor.)
- Rabkin, William, Kew Gardens, N. Y. Dispensing device. 2,307,955; Jan. 12.
- Rabl, Alfred, Wiener Neudorf, Germany; vested in the All Property Gesellschaft, Hub operated dynamo for bicycles. 2,322,069; June 29.
- Raby, Earl, Kansas City, Mo. Holder attachment for driving tools. 2,317,035; Apr. 20.
- Race, Hubert H., Schenectady, N. Y., assignor to General Electric Company. Making high tension electric cable. 2,320,796; June 1.
- Race Beltmorm Foundation, The. (See Kellogg, John H., assignor.)
- Racely, Chay A., et al. (See Harrington, Lester B., assignor.)
- Racoon, Ferdinand, University City, assignor to W. G. Shelton Company, St. Louis, Mo. Exothermic device. 2,318,420; May 4.
- Rackett, Gerald F., Los Angeles, assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Cinematographic registering apparatus. 2,328,492; Aug. 31.
- Racklyett, John W., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Ironing machine. 2,311,250; Feb. 16.
- Racz, Ernest, assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,317,086; Apr. 20.
- Racz, Ernest, assignor to Burroughs Adding Machine Company, Detroit, Mich. Paper fed mechanism for business machines. 2,337,270; Dec. 21.
- Racz, Joseph J., Charleston, S. C. Grab. 2,310,869; Feb. 9.
- Radabach, John M., Mount Vernon, Ohio. Cigarette extinguisher. 2,335,695; Nov. 30.
- Radack, Henry E. (See Rees, S. E., Radack, Olsen, and Elliott.)
- Raddon, Winfield F. (See Kelly, R. A., and Raddon.)
- Rade, Alfred F. (See Gordy, A. F., and Rade.)
- Rader, Harvey S., Palmerton, Pa. Treating copper. 2,311,083; Feb. 16.
- Radford, Dewey. (See Radford, John W., assignor.)
- Radford, George S., Norwalk, Conn. Attrition product and making same. 2,328,998; Sept. 7.
- Radford, John W., Thayer, Ill., assignor of one-half to D. Radford, Springfield, Ill. Electrical circuit diagram. 2,334,125; Nov. 9.
- Radiart Corporation, The. (See Mace, Arthur T., assignor.)
- Radiart Corporation, The. (See Mace, A. T., and Burcaw, assignors.)
- Radiation Furnace Corporation. (See Volk, Sidney, assignor.)
- Radin, Alexander J., Brooklyn, N. Y. Orthoptic apparatus. 2,312,930; Mar. 2.

- Radio Corporation of America. (See Albin, Frederick G., assignor.)
- Radio Corporation of America. (See Alburger, James R., assignor.)
- Radio Corporation of America. (See Anderson, E. I., and Barco, assignors.)
- Radio Corporation of America. (See Anderson, Leslie J., assignor.)
- Radio Corporation of America. (See Anderson, Warren A., assignor.)
- Radio Corporation of America. (See Apperley, George, assignor.)
- Radio Corporation of America. (See Armstrong, R. B., Grisdale and Goodenough, assignors.)
- Radio Corporation of America. (See Arndt, William F., assignor.)
- Radio Corporation of America. (See Artzt, Maurice, assignor.)
- Radio Corporation of America. (See Ayer, Raymond E., assignor.)
- Radio Corporation of America. (See Batsel, Cecil N., assignor.)
- Radio Corporation of America. (See Batsel, Max C., assignor.)
- Radio Corporation of America. (See Baum, F. E., and Phillips, assignors.)
- Radio Corporation of America. (See Beard, Joseph G., assignor.)
- Radio Corporation of America. (See Bedford, Alda V., assignor.)
- Radio Corporation of America. (See Belzer, H. H., and Davis, assignors.)
- Radio Corporation of America. (See Belar, Herbert, assignor.)
- Radio Corporation of America. (See Bierwirth, Rudolph, assignor.)
- Radio Corporation of America. (See Blaney, Arthur C., assignor.)
- Radio Corporation of America. (See Blessing, Gregory W., assignor.)
- Radio Corporation of America. (See Bliss, Warren H., assignor.)
- Radio Corporation of America. (See Blodgett, Edward D., assignor.)
- Radio Corporation of America. (See Bokovoy, Samuel A., assignor.)
- Radio Corporation of America. (See Bokovoy, S. A., and Hawk, assignors.)
- Radio Corporation of America. (See Bond, Donald S., assignor.)
- Radio Corporation of America. (See Bond, D. S., and Carlson, assignors.)
- Radio Corporation of America. (See Braaten, Arthur M., assignor.)
- Radio Corporation of America. (See Broos, Heinrichs A., assignor.)
- Radio Corporation of America. (See Brown, George H., assignor.)
- Radio Corporation of America. (See Burnett, Carlos E., assignor.)
- Radio Corporation of America. (See Burnside, Don G., assignor.)
- Radio Corporation of America. (See Burt, Alexander D., assignor.)
- Radio Corporation of America. (See Carlson, Wendell L., assignor.)
- Radio Corporation of America. (See Carlson, W. L., and Conron, assignors.)
- Radio Corporation of America. (See Carter, Philip S., assignor.)
- Radio Corporation of America. (See Clark, Gilbert R., assignor.)
- Radio Corporation of America. (See Clark, Robert W., assignor.)
- Radio Corporation of America. (See Clark, Trevor H., assignor.)
- Radio Corporation of America. (See Collins, Milford E., assignor.)
- Radio Corporation of America. (See Colvin, John D., assignor.)
- Radio Corporation of America. (See Conron, W. H., and Suckle, assignors.)
- Radio Corporation of America. (See Cowan, Edward J., assignor.)
- Radio Corporation of America. (See Cox, John W., assignor.)
- Radio Corporation of America. (See Craymer, Henry J., assignor.)
- Radio Corporation of America. (See Creager, Frederick L., assignor.)
- Radio Corporation of America. (See Crosby, Murray G., assignor.)
- Radio Corporation of America. (See Cunningham, David H., assignor.)
- Radio Corporation of America. (See Dalgleish, Walter M., assignor.)
- Radio Corporation of America. (See De Baun, James R., assignor.)
- Radio Corporation of America. (See Demuth, Galan W., assignor.)
- Radio Corporation of America. (See Dimmick, Glenn L., assignor.)
- Radio Corporation of America. (See Dohan, William R., assignor.)
- Radio Corporation of America. (See Dow, Orville E., assignor.)
- Radio Corporation of America. (See Drake, Francis J., Jr., assignor.)
- Radio Corporation of America. (See Eaton, Thomas T., assignor.)
- Radio Corporation of America. (See Eckert, Joseph F., Jr., assignor.)
- Radio Corporation of America. (See Eddy, William C., assignor.)
- Radio Corporation of America. (See Ehret, R. J., and Barnes, assignors.)
- Radio Corporation of America. (See Elliott, Charles I., assignor.)
- Radio Corporation of America. (See Epstein, David W., assignor.)
- Radio Corporation of America. (See Evans, John, assignor.)
- Radio Corporation of America. (See Finch, James L., assignor.)
- Radio Corporation of America. (See Flory, L. E., and Vance, assignors.)
- Radio Corporation of America. (See Foster, Dudley E., assignor.)
- Radio Corporation of America. (See Foster, D. E., and Mountjoy, assignors.)
- Radio Corporation of America. (See Foster, D. E., and Rankin, assignors.)
- Radio Corporation of America. (See Fredendall, Gordon L., assignor.)
- Radio Corporation of America. (See George, Ralph W., assignor.)
- Radio Corporation of America. (See George, Roscoe H., assignor.)
- Radio Corporation of America. (See George, R. H., and Have, assignors.)
- Radio Corporation of America. (See Gerber, Paul D., assignor.)
- Radio Corporation of America. (See Gillespie, Henderson C., assignor.)
- Radio Corporation of America. (See Glans, Joseph, assignor.)
- Radio Corporation of America. (See Goddard, De Witt R., assignor.)
- Radio Corporation of America. (See Goldstine, Hallan E., assignor.)
- Radio Corporation of America. (See Goodale, Elmer D., assignor.)
- Radio Corporation of America. (See Goodale, E. D., and Hathaway, assignors.)
- Radio Corporation of America. (See Goshaw, Irl R., assignor.)
- Radio Corporation of America. (See Gottier, Thomas L., assignor.)
- Radio Corporation of America. (See Groenenberg, M. J., van der Mey, and van Lammeren, assignors.)
- Radio Corporation of America. (See Grundmann, Gustave J., assignor.)
- Radio Corporation of America. (See Guedon, Emile C., assignor.)
- Radio Corporation of America. (See Hajos, Eugene, assignor.)
- Radio Corporation of America. (See Hale, Danforth R., assignor.)
- Radio Corporation of America. (See Hammond, John H., Jr., assignor.)
- Radio Corporation of America. (See Hansell, Clarence W., assignor.)
- Radio Corporation of America. (See Hansell, Grant E., assignor.)
- Radio Corporation of America. (See Hanson, Oscar B., assignor.)
- Radio Corporation of America. (See Hapgood, John C., assignor.)
- Radio Corporation of America. (See Harvey, Robert L., assignor.)
- Radio Corporation of America. (See Hasbrouck, Harold J., assignor.)
- Radio Corporation of America. (See Hathaway, Jarrett L., assignor.)
- Radio Corporation of America. (See Hawk, Henry W. N., assignor.)
- Radio Corporation of America. (See Herold, Edward W., assignor.)
- Radio Corporation of America. (See Herschberger, William D., assignor.)
- Radio Corporation of America. (See Herzog, Carl, assignor.)
- Radio Corporation of America. (See Hillier, James, assignor.)
- Radio Corporation of America. (See Hodgson, Alan D'A., assignor.)
- Radio Corporation of America. (See Hoehn, John J., assignor.)
- Radio Corporation of America. (See Hollingsworth, R. Lee, assignor.)
- Radio Corporation of America. (See Hooven, Frederick J., assignor.)
- Radio Corporation of America. (See Horowitz, A., and Rinta, assignors.)
- Radio Corporation of America. (See Horowitz, A., and Timmerman, assignors.)
- Radio Corporation of America. (See Hultquist, J. Albert, assignor.)

- Radio Corporation of America. (See Hunt, Seymour, assignor.)
- Radio Corporation of America. (See Hutchens, Raymond D., assignor.)
- Radio Corporation of America. (See Iams, Harley A., assignor.)
- Radio Corporation of America. (See Iams, Harley A., and Rose, assignors.)
- Radio Corporation of America. (See Katzin, Martin, assignor.)
- Radio Corporation of America. (See Kellogg, Edward W., assignor.)
- Radio Corporation of America. (See Kelly, Norval R., assignor.)
- Radio Corporation of America. (See Kentner, Carroll D., assignor.)
- Radio Corporation of America. (See Kerr, Maxwell A., assignor.)
- Radio Corporation of America. (See Kihn, Harry, assignor.)
- Radio Corporation of America. (See Kinyon, Brice W., assignor.)
- Radio Corporation of America. (See Koch, Winfield R., assignor.)
- Radio Corporation of America. (See Kreuzer, Barton, assignor.)
- Radio Corporation of America. (See Kroger, Fred H., assignor.)
- Radio Corporation of America. (See La Chicotte, Walter B., Jr., assignor.)
- Radio Corporation of America. (See Landis, Daniel O., assignor.)
- Radio Corporation of America. (See Landon, Vernon D., assignor.)
- Radio Corporation of America. (See Lane, Clifford H., Jr., assignor.)
- Radio Corporation of America. (See Lea, Norman, assignor.)
- Radio Corporation of America. (See Leverenz, Humboldt W., assignor.)
- Radio Corporation of America. (See Lincoln, R. B., and Nekut, assignors.)
- Radio Corporation of America. (See Lindenblad, Niles E., assignor.)
- Radio Corporation of America. (See Lindenblad, N. E., and Finch, assignors.)
- Radio Corporation of America. (See Linder, Ernest G., assignor.)
- Radio Corporation of America. (See Luck, David G. C., assignor.)
- Radio Corporation of America. (See Mathes, Richard E., assignor.)
- Radio Corporation of America. (See McLaughlin, Kenneth M., assignor.)
- Radio Corporation of America. (See Miller, Burton F., assignor.)
- Radio Corporation of America. (See Miller, H. J., and Spooner, assignors.)
- Radio Corporation of America. (See Mitchell, O. V., and Hultquist, assignors.)
- Radio Corporation of America. (See Moore, J. B., and Mathes, assignors.)
- Radio Corporation of America. (See Morton, George A., assignor.)
- Radio Corporation of America. (See Mountjoy, Garrard, assignor.)
- Radio Corporation of America. (See Murdoch, A., and Van Dyke, assignors.)
- Radio Corporation of America. (See Neiman, Mikhail S., assignor.)
- Radio Corporation of America. (See Nergaard, Leon S., assignor.)
- Radio Corporation of America. (See Olson, Harry F., assignor.)
- Radio Corporation of America. (See Oman, Nils J., assignor.)
- Radio Corporation of America. (See Owens, James H., assignor.)
- Radio Corporation of America. (See Painter, William H., assignor.)
- Radio Corporation of America. (See Peterson, Harold O., assignor.)
- Radio Corporation of America. (See Peterson, H. O., and Atwood, assignors.)
- Radio Corporation of America. (See Poch, Waldemar J., assignor.)
- Radio Corporation of America. (See Ramberg, Edward G., assignor.)
- Radio Corporation of America. (See Rankin, John A., assignor.)
- Radio Corporation of America. (See Rankin, J. A., and Kimball, assignors.)
- Radio Corporation of America. (See Read, Sidney, Jr., assignor.)
- Radio Corporation of America. (See Reiskind, Hillel I., assignor.)
- Radio Corporation of America. (See Rettinger, Michael, assignor.)
- Radio Corporation of America. (See Reyling, George F., assignor.)
- Radio Corporation of America. (See Rice, Percy F., assignor.)
- Radio Corporation of America. (See Richards, Philip A., assignor.)
- Radio Corporation of America. (See Roberts, Bruce, assignor.)
- Radio Corporation of America. (See Roberts, Walter van B., assignor.)
- Radio Corporation of America. (See Roe, John H., assignor.)
- Radio Corporation of America. (See Rose, George M., Jr., assignor.)
- Radio Corporation of America. (See Runge, Frank E., assignor.)
- Radio Corporation of America. (See Rust, N. M., Brallsford, and Goodenough, assignors.)
- Radio Corporation of America. (See Salzberg, B., and Nelson, assignors.)
- Radio Corporation of America. (See Schade, Otto H., assignor.)
- Radio Corporation of America. (See Schlesinger, Kurt, assignor.)
- Radio Corporation of America. (See Schock, Robert E., assignor.)
- Radio Corporation of America. (See Schoenborn, Ferdinand W., assignor.)
- Radio Corporation of America. (See Schrader, H. J., Robins, and Brumbaugh, assignors.)
- Radio Corporation of America. (See Schrader, H. J., and Smith, assignors.)
- Radio Corporation of America. (See Seabert, John D., assignor.)
- Radio Corporation of America. (See Selby, Eugene O., assignor.)
- Radio Corporation of America. (See Shardlow, Lawrence R., assignor.)
- Radio Corporation of America. (See Sharp, Thomas C., assignor.)
- Radio Corporation of America. (See Shaw, Hubert R., assignor.)
- Radio Corporation of America. (See Sheaffer, Charles F., assignor.)
- Radio Corporation of America. (See Sheffield, Berthold, assignor.)
- Radio Corporation of America. (See Shepard, Francis H., Jr., assignor.)
- Radio Corporation of America. (See Smith, James E., assignor.)
- Radio Corporation of America. (See Smith, Jerome C., assignor.)
- Radio Corporation of America. (See Smith, Newell R., assignor.)
- Radio Corporation of America. (See Smith, Perry C., assignor.)
- Radio Corporation of America. (See Smith, Rogers M., assignor.)
- Radio Corporation of America. (See Snyder, Richard L., Jr., assignor.)
- Radio Corporation of America. (See Spencer, James A., assignor.)
- Radio Corporation of America. (See Starr, Arthur T., assignor.)
- Radio Corporation of America. (See Stocker, Arthur C., assignor.)
- Radio Corporation of America. (See Stolzenberg, Walter W., assignor.)
- Radio Corporation of America. (See Strutt, M. J. O., and van der Ziel, assignors.)
- Radio Corporation of America. (See Swift, Gilbert, assignor.)
- Radio Corporation of America. (See Thompson, Leland E., assignor.)
- Radio Corporation of America. (See Thompson, W. S., and Albin, assignors.)
- Radio Corporation of America. (See Tolson, William A., assignor.)
- Radio Corporation of America. (See Trevor, Bertram, assignor.)
- Radio Corporation of America. (See Trumbull, W. M., and Combs, assignors.)
- Radio Corporation of America. (See Tunick, Harry, assignor.)
- Radio Corporation of America. (See Turner, Alfred H., assignor.)
- Radio Corporation of America. (See Underhill, Joseph L., assignor.)
- Radio Corporation of America. (See Usselman, George, assignor.)
- Radio Corporation of America. (See Vance, A. W., and Morgan, assignors.)
- Radio Corporation of America. (See Vance, Donald H., assignor.)
- Radio Corporation of America. (See van der Ziel, A., and Strutt, assignors.)
- Radio Corporation of America. (See van Lammeren, J. A., and Alexander, assignors.)
- Radio Corporation of America. (See van Slooten, J., and van Ingen Schenau, assignors.)
- Radio Corporation of America. (See van Slooten, J., and Volz, assignors.)
- Radio Corporation of America. (See Vermeulen, Roelof, assignor.)
- Radio Corporation of America. (See Vogel, Charles P., assignor.)
- Radio Corporation of America. (See Vossen, Arnold T., assignor.)
- Radio Corporation of America. (See Wagenhals, Edward R., assignor.)

- Radio Corporation of America. (See Washburn, Edward M., assignor.)
- Radio Corporation of America. (See Wassell, Harold J. H., assignor.)
- Radio Corporation of America. (See Weagant, Roy A., assignor.)
- Radio Corporation of America. (See Weathers, Paul, assignor.)
- Radio Corporation of America. (See Wein, John F., assignor.)
- Radio Corporation of America. (See Wendt, Karl R., assignor.)
- Radio Corporation of America. (See Wentworth, Chandler, assignor.)
- Radio Corporation of America. (See Whitaker, James N., assignor.)
- Radio Corporation of America. (See Widell, Emil G., assignor.)
- Radio Corporation of America. (See Wing, Arthur K., assignor.)
- Radio Corporation of America. (See Winlund, Edmond S., assignor.)
- Radio Corporation of America. (See Wolf, Irving, assignor.)
- Radio Corporation of America. (See Young, Charles J., assignor.)
- Radio Corporation of America. (See Zalesak, William A., assignor.)
- Radio Corporation of America. (See Zavattaro, Mario, assignor.)
- Radio Corporation of America. (See Zottu, Paul D., assignor.)
- Radio Inventions, Inc. (See Talmey, Paul, assignor.)
- Radio Navigational Instrument Corporation. (See Simon, E. J., and Hefel, assignors.)
- Radio Patents Corporation. (See Bell, David A., assignor.)
- Radio Patents Corporation. (See Bell, D. A., and Davie, assignors.)
- Radio Patents Corporation. (See Brown, Cyril W., as assignor.)
- Radio Patents Corporation. (See Rath, Karl, assignor.)
- Radio Watch Company. (See Morawetz, Friedrich, assignor.)
- Radke, Arthur, Cleveland, Ohio. Suction cleaner. 2,330,621; Sept. 28.
- Radke, C. V. (See Le Bert, Charles A., assignor.)
- Radke, John T., Siren, Wis. Magnetic oil cleaner. 2,307,953; Jan. 12.
- Radtke, Adelbert C., Oak Park, and D. T. Fernandez, assignors to Sears, Roebuck and Company, Chicago, Ill. Reed for musical instruments. 2,309,714; Feb. 2.
- Rady, William J. (See Claytor, E. M., and Rady.)
- Rady, William J., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Generator regulator. 2,337,494; Dec. 23.
- Rachrs, Emory C., and C. M. Beach, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Broaching machine. 2,333,337; Nov. 2.
- Raesler, John L., assignor of one-third to C. J. Bills and one-third to C. D. Osborne, Auburn, N. Y. Psychogalvanometer. 2,308,933; Jan. 19.
- Raetsch, Bruno A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling device. 2,327,126; Aug. 17.
- Raffold Process Corporation. (See Plumstead, Joseph E., assignor.)
- Raft, George, Sydney, New South Wales, Australia. Switching mechanism for multiple way adapters. 2,309,921; Feb. 2.
- Ragan, Mike, assignor of one-half to W. P. Murphy, Los Angeles, Calif. Display device. 2,334,440; Nov. 16.
- Ragan, Thomas M. (See Burt, C. E. Sutter, and Ragan.)
- Ragel, Joseph, New York, N. Y. Cutting dies for making leather belt parts. 2,310,808; Feb. 9.
- Rabin, Robert C. (See Driesbach, Gilbert O., and Rahm.)
- Rachue, Andrew, Providence, R. I. Gun rifling machine. 2,320,750; June 1.
- Raiche, Paul A., Providence, R. I., assignor to Davol Rubber Company. Apparatus for manufacturing tubing. 2,316,715; Apr. 13.
- Raiche, Paul A., Providence, R. I., assignor to Davol Rubber Company. Bag spreader mechanism. 2,334,841; Nov. 23.
- Raiche, Paul A., North Providence, R. I., assignor to Davol Rubber Company. Catheter. 2,320,157; May 25.
- Rail Company, The. (See Lowe, Paul E., assignor.)
- Railroad Accessories Corporation. (See Lavarack, Frederick C., assignor.)
- Railroad Accessories Corporation. (See Lavarack, F. C., and Deems, assignors.)
- Railroad Rolling Stock Patents Corporation. (See Janeway, B. N., and Miers, assignors.)
- Railway and Industrial Engineering Company. (See Koppitz, C. G., and Kast, assignors.)
- Railway and Industrial Engineering Company. (See Koppitz, C. G., and Zeth, assignors.)
- Railway and Industrial Engineering Company. (See Knudd, Harold H., assignor.)
- Railway Maintenance Corporation. (See McWilliams, James B., assignor.)
- Railway Metal Products Company. (See Small, Arthur E., assignor.)
- Rainer, Virgil, Detroit, Mich. Time controlled bank. 2,307,166; Jan. 5.
- Rainey, James L. (See Bruson, H. A., and Rainey.)
- Rainford, Warren S., Bergenfield, and E. C. Hanson, Dumont, N. J. Method of and apparatus for felted fibrous material. 2,337,726; Dec. 28.
- Ralo, Anthony, Philadelphia, Pa. Airplane safety device. 2,334,028; Nov. 9.
- Raisch, Arthur, Royal Oak, assignor to Sanozone Corporation, Detroit, Mich. Apparatus for treating urine. 2,327,457; Aug. 24.
- Raiziss, George W., Philadelphia, Pa., assignor to Abbott Laboratories, North Chicago, Ill. Aldehyde reaction products of diamino-diphenyl-sulphone. 2,336,501; Dec. 14.
- Raizner, Nathan, New York, N. Y. Lighting fixture. 2,314,103; Mar. 16.
- Rakauskas, James T., Chicago, Ill. Bathing suits and trunks, and other athletic suits, trousers, and trunks. 2,323,842; July 6.
- Rake, Geoffrey W., Kingston, M. F. Shaffer, and C. M. McKee, New Brunswick, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Lymphogranuloma venereum antigen and preparing it. 2,324,646; July 20.
- Rakos, Alexander, London, England. Welding, soldering, and fusing metals together. 2,317,483; Apr. 27.
- Rakow, Melvin H., Elgin, assignor, by mesne assignments, to Acme Visible Records, Inc., Chicago, Ill. Drawer slide. 2,308,540; Jan. 19.
- Rakow, Melvin H., Elgin, assignor, by mesne assignments, to Acme Visible Records, Inc., Chicago, Ill. Drawer slide. 2,318,800; May 11.
- Rakowsky, Victor, Joplin, Mo., G. J. Holt, St. Paul, Minn., and R. W. Arms, Evanston, assignors to Minerals Beneficiation Incorporated, Chicago, Ill. Separating ores. 2,325,149; July 27.
- Ralston, Anderson W., and E. W. Segebrecht, assignors to Armour and Company, Chicago, Ill. Concentrating nonmetalliferous ores. 2,313,360; Mar. 9.
- Ralston, Anderson W., and W. O. Pool, Chicago, Ill., assignors to Armour and Company. Treating water. 2,315,734; Apr. 6.
- Ralston, Anderson W., and R. J. Vander Wal, assignors to Armour and Company, Chicago, Ill. Process of treating building materials. 2,317,301; Apr. 20.
- Ralston, Anderson W., and E. J. Hoffman, assignors to Armour and Company, Chicago, Ill. Inorganic plastic products and preparing the same. 2,320,099; May 25.
- Ralston, Anderson W., and E. J. Hoffman, assignors to Armour and Company, Chicago, Ill. Lime and plaster products and preparing the same. 2,320,010; May 25.
- Ralston, Glancy S., et al. (See Wayland, E. M., and Drummond, assignors.)
- Ralston Purlin Company. (See James, F., Cobb, and Kishlar, assignors.)
- Ralston, Robert P., New Concord, Ohio. Adjustable chair. 2,308,714; Jan. 19.
- Ralston, Walter E., Delavan, Wis., assignor to The George W. Borg Corporation, Chicago, Ill. Knitting machine. 2,334,353; Dec. 16.
- Ramage, John H. (See Stewart, N. H., and Ramage.)
- Ramberg, Edward G., Haddon Heights, N. J., assignor to Radio Corporation of America. Reflective projection system. 2,309,788; Feb. 2.
- Rambusch Decorating Company. (See Anderson, V. G., and Rambusch, assignors.)
- Rambusch, Harold W. (See Anderson, V. G., and Rambusch.)
- Ramclow, Axel E., assignor to Mills Novelty Company, Chicago, Ill. Oil separator for refrigeration systems. 2,320,981; June 1.
- Ramer, Philip. (See Henry, E. G., and Ramer.)
- Rampack, Carl. (See Mathis, C. H., and Rampack.)
- Ramsaur, Walter E., assignor to The Garrett Corporation, Alhresch Manufacturing Company Division, Los Angeles, Calif. Oil cooler for engines. 2,307,300; Jan. 5.
- Ramsay, Erskine, Birmingham, Ala. Mining apparatus. 2,320,653; June 1.
- Ramsay, Frank R. F., assignor to D. Napier & Son Limited, London, England. Sparking plug. 2,309,980; Feb. 2.
- Ramsay, William S., Canton, and G. A. Bole, Columbus, assignors to The Stark Brick Company, Canton, Ohio. Vapor-glazed ceramic product and producing same. 2,320,099; May 25.
- Ramsbottom, John M., assignor to Industrial Patents Corporation, Chicago, Ill. Treating animal tissue. 2,321,621; June 15.
- Ramsbottom, John M. and L. S. Paddock, assignors to Industrial Patents Corporation, Chicago, Ill. Treating animal tissue. 2,321,622; June 15.
- Ramsbottom, John M. and L. S. Paddock, assignors to Industrial Patents Corporation, Chicago, Ill. Treating animal tissue. 2,321,623; June 15.
- Ramsbottom, John M. and L. S. Paddock, assignors to Industrial Patents Corporation, Chicago, Ill. Treating animal tissue. 2,321,624; June 15.
- Ramsbottom, John M., and L. S. Paddock, assignors to Industrial Patents Corporation, Chicago, Ill. Treating animal tissue. 2,321,625; June 15.
- Ramsbottom, Elwood A., assignor to Worcester Film Corporation, Worcester, Mass. Apparatus for projecting stereo pictures. 2,329,294; Sept. 14.
- Ramsdell, Frederick M., Worcester, Mass. Tool holder. 2,328,359; Aug. 31.

- Ramsdell, Oliver. (See Seale, Charles W., assignor.)
- Ramsell, Harold G., Wolverhampton, and J. W. Taylor, Westmeadfield, England, assignors to The Yale & Towne Manufacturing Company, Stamford, Conn. Key for cylinder lock. 2,318,881; May 11.
- Ranney Accessories Manufacturing Corporation. (See Marlen, C. A. and M. W., assignors.)
- Ranney Accessories Manufacturing Corporation. (See Marlen, Charles A. and M. W., assignors.)
- Ranney, Allan, Evanston, assignor to Schweizer & Conrad, Inc., Chicago, Ill. Outcut. Re 22,343; July 6.
- Ranney, George, Hampton, Conn., assignor to The National Cash Register Company, Dayton, Ohio. Control for record supporting means. 2,332,011; Oct. 19.
- Ranney, Joseph D. (See Ormond, John J., assignor.)
- Ranney, Justin H., Allendale, N. J. Securing means for elements of extrusion machines. 2,316,720; Apr. 13.
- Ranney, Melvin A., Buenos Aires, Argentina. Method and apparatus for conditioning air. 2,321,232; Jan. 8.
- Ranshorn, Reinhard, Munich, Grafolding, Germany; vested in the Alien Property Custodian. Guiding and controlling device for cowlings. 2,330,622; Sept. 22.
- Ranco Incorporated. (See Raney, Eldon D., assignor.)
- Ranco Incorporated. (See Raney, Estel C., assignor.)
- Rand, Henry J., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Determining and regulating the mass of a component gas per unit volume of a gaseous mixture. 2,323,675; July 6.
- Rand, J. H., Jr. (See Ross, A. M. and Rand.)
- Rand, James H., Jr., Stamford, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Electric razor. 2,307,469; Jan. 5.
- Rand, James H., Jr., Stamford, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Mechanical razor. 2,315,274; Mar. 30.
- Rand, James H., Jr., Stamford, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Mechanical razor. 2,331,500; Oct. 12.
- Rand, James H., Jr., Stamford, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Electric razor. 2,336,638; Dec. 14.
- Rand, James H., Jr., Stamford, and A. M. Ross, Greenwich, Conn., assignors to Remington Rand Inc., Buffalo, N. Y. Shearing head. 2,331,501; Oct. 12.
- Rand, Sidney S., New York, N. Y. Liquid dispensing container. 2,319,517; May 18.
- Randall, Chester J., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Apparatus for coating sheet material. 2,309,981; Feb. 2.
- Randall Company, The. (See Hall, Ralph W., assignor.)
- Randall, Fred D., Dayton, Ohio. Attachment for ladders. 2,327,317; Aug. 17.
- Randall, Karl C., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,308,303; Jan. 12.
- Randall, Merle, Berkeley, Calif. Treating mercury contaminated surfaces. 2,320,168; June 1.
- Rando, Frank, Brooklyn, N. Y. Boat bumper. 2,331,420; Oct. 12.
- Randol, Glenn T., St. Louis, Mo., assignor of forty per cent to W. M. Liddon, Nashville, Tenn. Change speed transmission and control mechanism therefor. 2,327,063; Aug. 17.
- Randol, Glenn T., St. Louis, Mo., assignor to W. M. Liddon, Nashville, Tenn. Control mechanism for change-speed gearing. 2,335,141; Nov. 30.
- Randolph, Clifford F., Brooklyn, N. Y., assignor to American Machine & Foundry Company, Toledo, Ohio. Supplying means for cigarette machines. 2,310,460; Feb. 9.
- Randolph, Clifford F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Leaf cutter for cigar machines. 2,320,393; June 1.
- Randolph, Clifford F., Brooklyn, N. Y., assignor to International Cigar Machinery Co. Safety device for cigar machines. 2,333,675; Nov. 1.
- Randolph, Donald V., Flint, assignor to General Motors Corporation, Detroit, Mich. Indicator. 2,321,855; June 15.
- Randolph, John H., Great Bend, Kans. Vote counting machine. 2,310,544; Feb. 9.
- Randolph, Oliver W., Toledo, Ohio. Material subdividing installation. 2,312,478; Mar. 2.
- Raney, Ben, Jr., Linton, Ind. Starting and operating fluorescent and mercury arc lamps. 2,330,312; Sept. 28.
- Raney, Eldon D., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,337,926; Dec. 28.
- Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Connector. 2,316,285; Apr. 13.
- Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,316,286; Apr. 13.
- Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Control system. 2,316,619; Apr. 13.
- Raney, Estel C., Columbus, Ohio. Control apparatus. 2,318,553; May 4.
- Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Control device. 2,318,554; May 4.
- Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Heating system. 2,333,818; Nov. 9.
- Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,333,819; Nov. 9.
- Raney, Russell R. (See Crumb, C. F., Raney, and Smith.)
- Ranft, Ludwig G., Munich-Solln, and P. Stömmel, Munich, Germany; vested in the Alien Property Custodian. Photographic camera. 2,308,934; Jan. 19.
- Range, John M., Beeville, Tex. Shale shaker. 2,321,243; Jan. 8.
- Rankin, Armand T., Indianapolis, Ind., assignor, by mesne assignments of one-half, to Sun-Fire Stoker Corporation, and one-fourth to W. J. Bash, Champaign, Ill. Stoker control. 2,319,774; May 18.
- Rankin, Jesse M., executrix. (See Rankin, William K.)
- Rankin, John A. (See Foster, D. E., and Rankin.)
- Rankin, John A., Port Washington, N. Y., assignor to Radio Corporation of America. Frequency modulated wave generator. 2,314,161; Mar. 16.
- Rankin, John A., Port Washington, and C. N. Kimball, Jackson Heights, N. Y., assignors to Radio Corporation of America. Limiter circuit. 2,332,811; Oct. 26.
- Rankin, John A., Port Washington, N. Y., assignor to Radio Corporation of America. Linear modulator. 2,334,726; Nov. 28.
- Rankin, Kenneth S., assignor to Acoustiwall Limited, Toronto, Ontario, Canada. Acoustical wall covering. 2,312,776; Mar. 2.
- Rankin, William K., deceased, late of Lansdowne, Pa., by J. M. Rankin, Lansdowne, Pa., executrix, assignor to General Electric Company. Gas blast electric circuit breaker. 2,313,580; Mar. 9.
- Rankin, William K., Lansdowne, Pa., assignor to General Electric Company. Reclosing circuit breaker system. 2,319,632; May 18.
- Ranney, Marvin C., Gahanna, Ohio. Sod cutter. 2,327,930; Aug. 24.
- Ranney, Marvin C., Lakewood, Ohio. Transformer. 2,311,128; Feb. 16.
- Ranney, Willet B., Chicago, Ill., and A. F. Ruhf, Springfield, Mass., assignor to Wm. Wrigley, Jr., Company, Chicago, Ill. Gum stick wrapping machine. 2,334,029; Nov. 9.
- Ranney, Willet B., Chicago, Ill., and A. F. Ruhf, Cos Cob, Conn., assignors to Wm. Wrigley Jr. Company, Chicago, Ill. Gum stick applying mechanism for gum stick wrapping machines. 2,334,030; Nov. 9.
- Ransburg, Harold P., assignor to H. J. Ransburg, doing business as Harper J. Ransburg Company, Indianapolis, Ind. Conveyor system. 2,335,790; Nov. 30.
- Ransburg, Harold P., and H. J. Green, Indianapolis, Ind., assignors to Harper J. Ransburg, doing business as Harper J. Ransburg Company. Method of spray-coating articles. 2,334,648; Nov. 16.
- Ransburg, Harper J., Company. (See Ransburg, Harold P., assignor.)
- Ransburg, Harper J., Company. (See Ransburg, H. P. and Green, assignors.)
- Ransloff, Nathan, Cincinnati, Ohio. Washing apparatus. 2,323,154; Jan. 29.
- Ranson, Horace K., and L. G. Pynn, Meredith, N. H. Clamp. 2,310,708; Feb. 9.
- Rantasa, Jakob, Vienna, Germany; vested in the Alien Property Custodian. Cross-country motor vehicle. 2,330,623; Sept. 28.
- Räntisch, Kurt, Jena, Germany; vested in the Alien Property Custodian. Illuminating system, particularly for projection purposes. 2,330,970; Aug. 1.
- Raolin Corporation, The. (See Kutz, Walter M., assignor.)
- Raolin Corporation, The. (See Kutz, W. M., and Webb, assignors.)
- Raolin Corporation, The. (See Reynolds, J. W., and Kutz, assignors.)
- Rapaport, David B. (See Kinsella, Frank E., assignor.)
- Raphael, Harold A., Bellflower, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Rotatable dial for determining amount of weight or formation. 2,309,211; Jan. 26.
- Raphael, Harold A., Bellflower, Calif. Carriage type weight indicator. 2,310,597; Feb. 9.
- Rapids Equipment Company. (See Notar, Joseph C., assignor.)
- Rapp, George M., Mount Lebanon, assignor to Pittsburgh Corning Corporation, Allegheny County, Pa. Nonglare glass building block. 2,322,591; June 22.
- Rapp, Howard B., et al. (See Martin, Charles H., assignor.)
- Rapp, Sally, et al. (See Martin, Charles H., assignor.)
- Rapp, Theodore, Los Angeles, Calif., assignor, by mesne assignments, to L. R., P., D., N. L., and E. C. Muskat, collectively, doing business as Triangle Package Machinery Co., Chicago, Ill. Vibrating conveyer trough. 2,332,600; Oct. 26.
- Rapp, Theodore, Los Angeles, Calif. Vibrating conveyer trough. 2,333,338; Nov. 2.
- Rapp, Wilhelm. (See Hopff, H., Rapp, and Rinke.)
- Rappl, Anton. (See Horton, E. C., Mussen, and Rappl.)
- Rappl, Anton. (See Horton, E. C., and Rappl.)
- Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Wiper arm connection. 2,315,350; Mar. 30.
- Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,327,064; Aug. 17.
- Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Pump. 2,331,045; Oct. 5.
- Rappl, Anton, assignor to Trico Products Corporation, Buffalo, N. Y. Window operating mechanism for automobiles. 2,334,031; Nov. 9.

- Rappl, Anton, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Pressure relief valve. 2,317,332; Apr. 20.
- Rappl, Anton, Buffalo, and E. C. Horton, Hamburg, N. Y., assignors to Trico Products Corporation, Buffalo, N. Y. Pump. 2,324,023; July 13.
- Rappl, Anton, Buffalo, and E. C. Horton, Hamburg, assignors to Trico Products Corporation, Buffalo, N. Y. Window operator. 2,324,724; July 20.
- Rappl, Anton, and R. E. Rousseau, assignors to Trico Products Corporation, Buffalo, N. Y. Window operating mechanism and door stop. 2,335,696; Nov. 30.
- Rare Chemicals, Inc. (See Dietrich, H., Johannessohn, Rabald, and Peris, assignors.)
- Rare Chemicals, Inc. (See Rabald, E., and Kraus, assignors.)
- Rare Chemical, Inc. (See Troch, P., Madgeburg, Voss, Rabald, and Geigel.)
- Rasch, Henry, Hohokus, assignor to Chainercraft, Inc., Hackensack, N. J. Bandeau. 2,328,673; Sept. 7.
- Raskhodoff, Nicholas M., Hyattsville, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Antenna reel control. 2,321,556; June 8.
- Raskin, Bert, See McGowan, Harold, assignor.
- Raskin, Walter, New York, N. Y. Refrigeration apparatus. 2,322,582; June 29.
- Rasmussen, Carl. (See Barry, R. J., and Rasmussen.)
- Rasmussen, Clarence T. (See Tuft, M. H., and Rasmussen.)
- Rasmussen, Clarence T., Moline, and R. D. Griff, Rock Island, assignors to Deere Company, Moline, Ill. Beet lifter. 2,330,743; Sept. 28.
- Rasmussen, Clarence T., assignor to Deere & Company, Moline, Ill. Planter. 2,332,012; Oct. 19.
- Rasmussen, Clarence T., and A. J. Bjerkan, assignors to Deere & Company, Moline, Ill. Rotary hoe. 2,334,842; Nov. 23.
- Rasmussen, Edward L., near Seattle, Wash. Removable blade shear. 2,333,740; Nov. 9.
- Rasmussen, Enok V., Copenhagen, Denmark, assignor to F. L. Smith & Co., New York, N. Y. Mixing and homogenizing apparatus. 2,320,469; June 1.
- Rasmussen, Harry L., Chicago, Ill. Measuring and dispensing machine. 2,315,162; Mar. 30.
- Rasmussen, James W., Los Angeles, Calif. Sand blasting machine, implement, and machine. 2,324,425; July 13.
- Rasmussen, Olaf, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Percussion fuse. 2,336,701; Dec. 14.
- Rasmussen, Marvin H. (See Kirby, G. W., Rasmussen, and McHugh.)
- Rassweiler, Gerald M., Ferndale, and R. N. Frawley, assignors to General Motors Corporation, Detroit, Mich. Automatic steering. 2,319,435; May 18.
- Rast, Frederick Quintus, Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Time recorder. 2,335,964; Dec. 7.
- Rastetter, Louis C., et al. (See White, William T., assignor.)
- Rataiczak, Francis I. (See Gerard, F. W., Rataiczak, and Schwab.)
- Ratchford, Raymond G., and A. W. Metzner, assignors to The Standard Register Company, Dayton, Ohio. Ribbon guard. 2,320,394; June 1.
- Ratchford, Raymond G., and R. E. Lee, assignors to The Standard Register Company, Dayton, Ohio. Strip severing and bursting machine. 2,328,582; Sept. 7.
- Ratcliff, Fred, F., Shreveport, La. Gas burner. 2,310,116; Feb. 2.
- Ratcliff, Ralph A., Canton, Ill., assignor to International Harvester Company. Fastening means. 2,332,752; Oct. 26.
- Ratcliff, Raymond R., Columbus, Ohio. Golf club carrier. 2,336,422; Dec. 7.
- Rath, Frank E., Bellevue, Pa. Stain and corrosion resistant tile surface and method of producing the same. 2,327,127; Aug. 17.
- Rath, Gustav. (See Fink, H., Rath, and Hofstadt.)
- Rath, Karl, New York, N. Y. Exposure determining device. 2,321,420; June 8.
- Rath, Karl, New York, N. Y. Photographic exposure meter. 2,323,676; July 13.
- Rath, Karl, assignor to Radio Patents Corporation, New York, N. Y. Glow discharge switch. 2,327,557; Aug. 24.
- Rathbone, Russell J. (See Hamer, F. M., and Rathbone.)
- Rathbun, Frank J. (See Smith, H. L., and Rathbun.)
- Rathbun, Merrill L., Salamanca, N. Y. Closed receptacle or case. 2,308,625; Jan. 19.
- Rathbun, Merrill L., Salamanca, N. Y. Article. 2,309,535; Jan. 26.
- Rathbun, Merrill L., Salamanca, N. Y. Closed receptacle or case. 2,314,245; Mar. 16.
- Rathbun, Merrill L., Salamanca, N. Y. Closure. 2,319,346; May 18.
- Rathbun, Merrill L., Salamanca, N. Y. Closure. 2,326,886; July 17.
- Rathbun, Merrill L., Salamanca, N. Y. Receptacle. 2,330,624; Sept. 28.
- Rathjens, George W., Salt Lake City, Utah. Separating materials, segregating materials, and contacting materials. 2,334,217; Nov. 16.
- Ratié, Pierre, and R. J. Montrouge, France; vested in the Alien Property Custodian. Assembly for the blades of variable pitch airscrews. 2,313,301; Mar. 9.
- Ratié, René J. (See Ratié, Pierre P. and R. J.)
- Ratigan, James P., Los Angeles, Calif. Wire line grip. 2,314,630; Mar. 23.
- Ratigan, James P., Los Angeles, Calif. Wedge-type clamp and carrier bar. 2,328,167; Aug. 31.
- Ratish, Herman D. (See Bullowa, J. G. M., and Ratish.)
- Ratkowski, Thomas A., Chicago Heights, Ill., assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Hammer for centrifugal devices and the like. 2,309,713; Feb. 2.
- Ratkowski, Thomas A., Chicago Heights, Ill., assignor to American Brake Shoe Company. Excavating implement. 2,336,749; Dec. 14.
- Ratner, Isabelle. (See Ratner, Morris B., assignor.)
- Ratner, Morris B., Phoenix, Ariz., assignor to Isabelle Ratner. Method and apparatus for forming air-celled steering wheel cushions. 2,327,931; Aug. 24.
- Ratzburg, Emil H., Shenandoah, Pa. Reversing mechanism. 2,326,494; Aug. 10.
- Ratzer, Arthur F., Hanworth, England, assignor to Pyrene Minimax Corporation, Newark, N. J. Foam stabilizing composition. 2,324,951; July 20.
- Rau, Arthur H., Manoa, Pa., assignor to General Electric Company. Operating mechanism. 2,309,478; Jan. 26.
- Rau, Charles R., assignor to Samuel Stamping and Enameling Company, Chattanooga, Tenn. Pipe joint or coupling. 2,319,518; May 18.
- Rau, Harry A. (See Goebel, G., and Rau.)
- Rau, Karl. (See Root, H. H., and Rau.)
- Rauch, Hans. (See Grimm, O., and Rauch.)
- Rauch, Trovest R. (See McBain, W. C., Rauch, and Boggs.)
- Rauland Corporation. (See Kester, Arthur S., assignor.)
- Rauland Corporation, The. (See Szegho, Constantin S., assignor.)
- Rauschenberg, Gerhardt H. (See Bradwell, Robert H., assignor.)
- Rauschenberg, Gerhardt H. (See Cobble, Joseph, and Rauschenberg, assignors.)
- Rauschenberg, George W., Ecorse, Mich., assignor to National Steel Corporation. Centerless grinder work support. 2,322,528; Oct. 26.
- Raven, Albert L., Mount Vernon, N. Y. Display stand. 2,335,884; Dec. 7.
- Raver, Francis M., York, Pa., assignor, by mesne assignments, to Flakie Corporation, Brooklyn, N. Y. Refrigeration. 2,308,541; Jan. 19.
- Ravnsbeck, Fred, assignor to Ace Engineering Co., Chicago, Ill. Oil burner. 2,311,571; Feb. 16.
- Ravnsbeck, Fred, assignor to Ace Engineering Co., Chicago, Ill. Oil burner. 2,323,567; July 6.
- Rawling, Francis G., Piedmont, W. Va., assignor to West Virginia Pulp and Paper Company, New York, N. Y. Coating of paper. 2,321,244; June 8.
- Rawlings, John J., assignor to The Rawlplug Company Limited, London, England. Manufacture of wall plugs. 2,308,825; Jan. 19.
- Rawlings, Joseph B., Memphis, Tenn. Door check and closer. 2,332,753; Oct. 26.
- Rawlings Manufacturing Company. (See Latina, Harry B., assignor.)
- Rawlings, Herbert L., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Load break disconnect. 2,308,026; Jan. 12.
- Rawlings, Herbert L., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,314,661; Mar. 23.
- Rawlings, Herbert L., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,337,495; Dec. 21.
- Rawlings, Herbert L., Wilkensburg, and H. W. Graybill, Turtle Creek, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current limiting fuse. 2,309,013; Jan. 19.
- Rawlings, Herbert L., Wilkensburg, and J. M. Wallace, North Braddock, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,318,421; May 4.
- Rawlinson, John A. (See Gabriel, L. G., and Rawlinson.)
- Rawlplug Company, The. (See Gelpcke, Alfred W., assignor.)
- Rawlplug Company Limited, The. (See Rawlings, John J., assignor.)
- Ray, Carlo, and D. Ray, Beverly Hills, Calif. Closure member. 2,316,453; Apr. 13.
- Ray, Charles R. (See Thompson, J. S., and Ray.)
- Ray, Don. (See Ray, Carlo and Don.)
- Ray, Don, Beverly Hills, assignor to Arden Farms Co., Los Angeles, Calif. Packaging. 2,307,076; Jan. 5.
- Ray, Don, Beverly Hills, assignor to Arden Farms Co., Los Angeles, Calif. Container. 2,314,631; Mar. 23.
- Ray, Don, Los Angeles, Calif. Coating machine. 2,319,476; May 18.
- Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Edge setting machine. 2,326,893; Aug. 17.
- Ray, Eugene J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Tool holding means for edge setting machines. 2,326,894; Aug. 17.
- Ray, James G., Pittsburgh, Pa., assignor to All American Aviation, Inc., Wilmington, Del. Aircraft pickup and delivery apparatus. 2,319,881; May 26.

- Ray, James L. (See Anderson, H. R., Wilkinson, and Ray.)
- Ray Oil Burner Co. (See Taper, O. C., and Frost, assignors.)
- Ray, Stephen, assignor to Zylro Ware Corporation, Long Island City, N. Y. Spectacle hinge. 2,326,971; Aug. 17.
- Ray, William A., Glendale, Calif. Thermoelectric generator. 2,307,956; Jan. 12.
- Ray, William A., Glendale, Calif. Control system. 2,312,479; Mar. 2.
- Ray, William A., Glendale, Calif. Thermostat. 2,314,599; Mar. 23.
- Ray, William A., Glendale, Calif. Fluid control valve. 2,317,639; Apr. 27.
- Ray, William A., Glendale, Calif. Control system. 2,317,640; Apr. 27.
- Ray, William A., Glendale, Calif. Electrical control system for valves. 2,318,301; May 11.
- Ray, William A., Glendale, Calif. Control device. 2,321,852; June 15.
- Ray, William A., Glendale, Calif. Electromagnetic device. 2,324,109; July 13.
- Ray, William A., Glendale, Calif. Thermal operator. 2,324,647; July 20.
- Ray, William A., Glendale, Calif. Fluid control valve. 2,325,978; Aug. 3.
- Ray, William A., Glendale, Calif. Burner control system. 2,331,570; Oct. 12.
- Ray, William A., Glendale, Calif. Thermocouple structure. 2,335,358; Nov. 30.
- Ray, William A., Glendale, Calif. Thermoelectric device. 2,337,000; Dec. 14.
- Ray, William A., Los Angeles, Calif. Fluid control valve. 2,313,890; Mar. 16.
- Ray, William A., Los Angeles, Calif. Valve structure. 2,321,853; June 15.
- Ray, William A., Los Angeles, Calif. Control system. 2,331,502; Oct. 12.
- Ray, William A., Los Angeles, Calif. Fluid control valve. 2,331,503; Oct. 12.
- Ray, William A., Los Angeles, Calif. Snap switch. 2,337,001; Dec. 14.
- Raybestos-Manhattan, Inc. (See Novak, Izador J., assignor.)
- Raybon, Sidney C., Dawson, Ga. Engine. 2,311,254; Feb. 16.
- Raybon, Sidney C., Pensacola, Fla. Engine structure. 2,322,662; June 22.
- Raybould Coupling Company. (See Raybould, Frank J., assignor.)
- Raybould, Frank J., Erie, assignor to Raybould Coupling Company, Meadville, Pa. Coupling. 2,308,542; Jan. 19.
- Rayburn, Vincent A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for treating strands. 2,320,246; May 25.
- Rayburn, Vincent A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand coating apparatus. 2,323,487; July 6.
- Raylitt Trading Company. (See Abramson, A., assignor.)
- Raymond, Charles A., Marion, Ohio. Treating soybeans. 2,329,080; Sept. 7.
- Raymond, Gwynne, Oklahoma City, Okla. Device for determining flow volume of treating liquids. 2,320,447; June 1.
- Raymond, Gwynne, Oklahoma City, Okla., M. D. Creech, Chicago, Ill., and E. L. Feagles, Oklahoma City, Okla. Making pressure vessels and the like. 2,331,504; Oct. 12.
- Rayner, Claude A. A. (See de Bruyne, N. A., and Rayner.)
- Rayner, George A., Smithville, Tex. Well swab. 2,309,922; Feb. 2.
- Raynolds, James W., Easton, and W. M. Kutz, Pittsburgh, Pa., assignors to The Raolin Corporation, New York, N. Y. Container closure. 2,331,728; Oct. 12.
- Raynolds, Warren S., Stratford, Conn., assignor to Remington Arms Company, Inc. Receptacle charging machine. 2,313,265; Mar. 9.
- Raynor, Arthur E. (See Bailey, E. G., and Raynor.)
- Raynor, Arthur E. (See Mayo, D. H. H., and Raynor.)
- Raynor, Arthur E., Rockville Centre, N. Y., assignor to The Babcock & Wilcox Company, Newark, N. J. Steam generator. 2,330,240; Sept. 28.
- Rayold Manufacturing Company Limited. (See Adlington, George S., assignor.)
- Rayollite Rifle Range Company. (See Kenney, M. W., and Jensen, assignors.)
- Ray-O-Matic Fire Guard Company. (See Bliss, Jerome J., assignor.)
- Rayonier Incorporated. (See Schlosser, P. H., and Gray, assignors.)
- Rayonier Incorporated. (See Schlosser, P. H., Gray, and Hallonquist, assignors.)
- Ray-O-Vac Company. (See Cargill, William W., assignor.)
- Ray-O-Vac Company. (See Hileman, Howard B., assignor.)
- Rayozone Products Corporation. (See Arft, John H., assignor.)
- Raytheon Manufacturing Company. (See Dawson, John W., assignor.)
- Raytheon Manufacturing Company. (See Germeshausen, Kenneth J., assignor.)
- Raytheon Manufacturing Company. (See Smith, Charles G., assignor.)
- Raytheon Production Corporation. (See Cardell, James, assignor.)
- Raytheon Production Corporation. (See Gray, Robert, assignor.)
- Raytheon Production Corporation. (See Horn, Clarence A., assignor.)
- Raytheon Production Corporation. (See Le Van, James D., assignor.)
- Raytheon Production Corporation. (See Nelson, James K., assignor.)
- Raytheon Production Corporation. (See Packard, Robert H., assignor.)
- Raytheon Production Corporation. (See Spencer, Percy L., assignor.)
- Rayton, Wilbur B., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Photographic objective. 2,325,275; July 27.
- Razak, Joseph, Llanerch, assignor to Thwing-Albert Instrument Company, Philadelphia, Pa. Recording potentiometer. 2,325,801; Aug. 3.
- Rea, Philip M., Oklahoma City, Okla. Overshot fishing tool. 2,313,263; Mar. 9.
- Rea, Walter C., Kew Gardens, assignor to Detachable Bit Company, New York, N. Y. Detachable bit and making tool. 2,335,791; Nov. 30.
- Rea, William H., assignor of one-half to J. H. Easton, Baltimore, Md. Fluid pressure device. 2,336,294; Dec. 7.
- Rea, Wilton T., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Elimination of bias in teletypewriter receiving magnet. 2,308,388; July 12.
- Rea, Wilton T., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regenerative repeater for inverse neutral telegraph systems. 2,328,674; Sept. 7.
- Rea, Wilton T., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletype receiver with distributor. 2,328,999; Sept. 7.
- Rea, Wilton T., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiway regenerative repeater. 2,337,496; Dec. 21.
- Rea, Wilton T., Bayside, and J. R. Wilkerson, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph signal distortion measuring apparatus and system. 2,307,237; Jan. 5.
- Reach, Milton B., Springfield, Mass. Molding articles. 2,309,865; Feb. 2.
- Reach, Milton B., Springfield, Mass. Making athletic game balls. 2,325,073; July 27.
- Reach, Milton B., Springfield, Mass. Making athletic game balls. 2,325,074; July 27.
- Reach, Milton B., Springfield, Mass. Making inflatable game balls. 2,325,075; July 27.
- Reach, Milton B., Springfield, Mass. Golf club. 2,328,583; Sept. 7.
- Reach, Milton B., Springfield, Mass. Golf club. 2,332,342; Oct. 19.
- Reaco, Inc. (See Andrews, R. E., and Lowen, assignors.)
- Read, Arthur, Portland, Ore. Self-attaching pouring spout for receptacles. 2,311,255; Feb. 16.
- Read, Arthur, Portland, Ore. Combination pouring spout and sifter. 2,321,856; June 15.
- Read, Charles E. (See Boor, A., and Read.)
- Read, Charles E. (See Boor, A., Nickelsen, Read, and Whisler, Jr.)
- Read, Charles E. (See McIntyre, B. D., Read, and Boor.)
- Read, Charles E. (See McIntyre, W. D., Nickelsen, and Read.)
- Read, Chester L., Westfield, N. J., assignor to Standard Oil Development Company. Refining of mineral oils. 2,324,952; July 20.
- Read, Chester L., Westfield, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Plasticizers. 2,334,582; Nov. 16.
- Read, Davis, Jr., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,336,126; Dec. 7.
- Read Machinery Co. (See Duffy, J. T., and Jackson, assignors.)
- Read, Philip C., Shorewood, assignor to Dostal & Lowey Co., Inc., Menomonee Falls, Wis. Bottle washer. 2,312,524; May 14.
- Read, Sidney J., Haddonfield, N. J., assignor to Radio Corporation of America. Cathode ray oscillograph for recording transients. 2,313,967; Mar. 16.
- Read, Thomas A., Scarsdale, N. Y., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electromechanical vibrator. 2,320,887; June 1.
- Read, Worth G., St. Paul, Minn. Machine for binding groups of unit sheets. 2,338,058; Dec. 28.
- Read, Worth G., St. Paul, Minn. Bound groups of sheets and binding the same. 2,338,059; Dec. 28.
- Reader, Joseph T., Detroit, Mich., assignor to Synchronized Systems Company. Steam heating method. 2,312,192; Feb. 25.
- Reader, Joseph T., Grosse Pointe, Mich., assignor to Synchronized Systems Company. Steam heating system. 2,312,191; Feb. 23.
- Reagan, Lester C., and W. Zalatorius, Chicago Ill.; said Zalatorius assignor to said Reagan. Photocopy machine. 2,319,882; May 25.

- Reagan, Martin, Houston, Tex. Mud screen. 2,329,295; Sept. 14.
- Reagan, Maurice E., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,307,077; Jan. 5.
- Reagan, Maurice E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rotor protective system. 2,308,304; Jan. 12.
- Reagan, Maurice E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,329,083; Sept. 7.
- Reagan, Maurice E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,331,229; Oct. 5.
- Reagan, Maurice E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective system. 2,337,537; Dec. 28.
- Reagan, Maurice E., and G. W. Champney, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker control system. 2,329,081; Sept. 7.
- Reagan, Maurice E., and G. W. Champney, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker control system. 2,329,082; Sept. 7.
- Real Silk Hosiery Mills, Inc. (See Cobert, Arthur J., assignor.)
- Real Silk Hosiery Mills, Inc. (See Desmonds, Albert X., assignor.)
- Ream, John H., assignor to The Brush Development Company, Cleveland, Ohio. Piezoelectric unit. 2,324,024; July 13.
- Ream, Linton, Ardmore, Okla. Oil filter or refiner. 2,335,532; Nov. 30.
- Reaney, Ernest, Stratford, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y. Shave-milling tool. 2,328,493; Aug. 31.
- Reaney, Ernest, Stratford, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y. Milling cutter. 2,328,494; Aug. 31.
- Rein, James S., Berkeley, assignor to The Union Ice Company, San Francisco, Calif. Refrigerated dispenser. 2,314,632; Mar. 23.
- Reardon, Eugene J., East Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Manufacturing wire rope and the like. 2,319,827; May 25.
- Rearwin, Earle W., assignor of one-half to F. Dohmeyer, Buffalo, N. Y. Casing head. 2,317,404; Apr. 27.
- Rearwin, Earle W., assignor of one-half to F. Dohmeyer, Buffalo, N. Y. Well pumping apparatus. 2,326,170; Aug. 10.
- Rearwin, Earle W., Buffalo, N. Y., and H. J. Mathis, assignors to Warren Tank Car Company, Warren, Pa. Mounting aircraft parts for transportation. 2,333,441; Nov. 2.
- Reason, Richard E., assignor to Kapella Limited, Leicester, England. Optical testing or measuring apparatus. 2,327,280; Aug. 17.
- Reason, Richard E., assignor to Kapella Limited, Leicester, England. Apparatus for measuring and/or indicating surface roughness. 2,329,084; Sept. 7.
- Reaume, Lawrence W., assignor to River Raisin Paper Company, Monroe, Mich. Packaging means for shipping articles in containers. 2,330,448; Sept. 28.
- Reavis, Charles N., Raleigh, N. C. Automatic ignition cutoff system. 2,327,558; Aug. 24.
- Reavis, Charles N., assignor of two-thirds to Silas B. Coley, Raleigh, N. C. Emergency and parking brake. 2,327,559; Aug. 24.
- Reavis, Charles N., assignor of two-thirds to S. B. Coley, Raleigh, N. C. Emergency and parking brake operator. 2,335,533; Nov. 30.
- Reavis, Charles N., Raleigh, N. C. Motor ignition cutoff. 2,337,838; Dec. 28.
- Rebhan, Joseph. (See Elsner, R. and Rebhan.)
- Rebold, Jacob H., Brooklyn, N. Y. Electromechanical sound recording and reproducing machine. 2,330,919; Oct. 5.
- Rechberger, Fred G., Rego Park, Long Island, N. Y. Safety device. 2,313,172; Mar. 9.
- Recker, Hertz, Ridgewood, N. Y., assignor to Willard B. Kapper, New York, N. Y. Phonograph. 2,334,649; Nov. 16.
- Reconstruction Finance Corporation. (See Black, William A., assignor.)
- Reconstruction Finance Corporation. (See de Ganahl, Carl, assignor.)
- Reconstruction Finance Corporation. (See Entriiken, James E., assignor.)
- Reconstruction Finance Corporation. (See Geertz, E., and Getz, assignors.)
- Reconstruction Finance Corporation. (See Getz, Charles A., assignor.)
- Reconstruction Finance Corporation, et al. (See Graham, Warren C., assignor.)
- Reconstruction Finance Corporation. (See Hack, Frank W., assignor.)
- Reconstruction Finance Corporation. (See Harris, Allyn, assignor.)
- Reconstruction Finance Corporation. (See Hause, Ralph E., assignor.)
- Reconstruction Finance Corporation. (See Kaweck, Henry C., assignor.)
- Reconstruction Finance Corporation. (See Kuhles, Edward K., assignor.)
- Reconstruction Finance Corporation. (See McLaren, Peter J., assignor.)
- Reconstruction Finance Corporation. (See Tabb, Warner T., assignor.)
- Reconstruction Finance Corporation. (See Vaughan, John A., assignor.)
- Reconstruction Finance Corporation. (See Westrope, Frederick J., assignor.)
- Reconstruction Finance Corporation. (See Williamson, H. V., and Mitchellree, assignors.)
- Recordgraph Corporation. (See Woolf, William L., assignor.)
- Rector, Thomas M. (See Olsen, A. G., and Rector.)
- Rector, Thomas M., Morristown, N. J., assignor to General Foods Corporation, New York, N. Y. Process and apparatus for decaffeinating coffee. 2,309,139; Jan. 26.
- Red & White Laundry & Cleaning Company. (See Sullivan, Timothy J., assignor.)
- Reda Pump Company. (See Arutunoff, Armais, assignor.)
- Redick, John D., assignor to Electric Wheel Co., Quincy, Ill. Making vehicle wheels. 2,307,335; Jan. 5.
- Reddick, Stewart J., Auburndale, Fla. Railroad track construction. 2,337,497; Dec. 21.
- Redding, Arnold H., Rutledge, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade shroud fastening. 2,315,655; Apr. 6.
- Reddi, Inc. (See Johnson, Cecil E., assignor.)
- Redenbo, Oscar, Los Angeles, Calif. Portable power-driven hacksaw. 2,337,769; Dec. 28.
- Redford, Benjamin H., and C. R. Swanson, Charleston, S. C., assignors to The American Tobacco Company, New York, N. Y. Apparatus for handling cigars. 2,331,505; Oct. 12.
- Redford, Benjamin H., and C. R. Swanson, Charleston, S. C., assignors to The American Tobacco Company, New York, N. Y. Apparatus for punching cigars. 2,331,506; Oct. 12.
- Redhead, Bert C., Spokane, Wash. Hose nozzle holder. 2,331,421; Oct. 12.
- Redin, Andrew W. (See Billstrom, E. J., and Redin.)
- Redinger, Karl, Feasterville, Pa. Carbon monoxide eliminator. 2,325,543; July 27.
- Redington, F. B., Co. (See Malhot, Clarence J., assignor.)
- Redler, Arnold, Stroud, England, assignor to Redler Conveyor Company, Quincy, Mass. Elevator. 2,311,084; Feb. 16.
- Redler Conveyor Company. (See Redler, Arnold, assignor.)
- Redler Conveyor Company. (See Schroeder, Arthur C., assignor.)
- Redlinger, Lorenz M., Seattle, Wash. Protective coating and manufacture thereof. 2,333,887; Nov. 9.
- Redman, Frank B., Yardley, Pa. Detensioning fabrics and the yarns or threads of which the fabric is composed. 2,325,544; July 27.
- Redman, Frank R., Yardley, Pa. Apparatus for pre-shrinking fabrics. 2,325,545; July 27.
- Redman, Lawrence V., Montclair, N. J., assignor, by mesne assignments, to Bakelite Corporation. Phenol synthesis catalyst. 2,311,777; Feb. 23.
- Redman, Milton N., Tompkins Corners, N. Y. Auxiliary wheel. 2,336,959; Dec. 14.
- Redmer, Edwin A. F., Chicago, Ill. Fluid pressure operated chuck. 2,338,060; Dec. 28.
- Redmon, Walter W., assignor to W. T. Wilson, Mobile, Ala. Level. 2,336,804; Dec. 14.
- Redmond, A. G., Company. (See Huddy, Joseph S., assignor.)
- Redmond, Sidney D., Jackson, Miss. Mine sweeper. 2,320,986; June 1.
- Redrup, Charles B., assignor to A. V. Roe & Company Limited, Middleton, Manchester, England. Pressure reducing valve. 2,322,468; June 22.
- Reduc-O-Matic Inc. (See Marlowe, Harold J., assignor.)
- Redwood Manufacturing Co. (See Wood, Casimir J., assignor.)
- Reece Button Hole Machine Company, The. (See Nichols, Walter E., assignor.)
- Reece, Franklin A., Brookline, Mass. Pilotage watch. 2,334,287; Nov. 16.
- Reece, Herbert A., Cleveland Heights, Ohio. Apparatus and method for the control of air flow through furnace tuyères. 2,313,769; Mar. 16.
- Reed, Albert L., et al. (See Cook, O. O., and Watson, assignors.)
- Reed, Claude D., Lebanon, Pa., assignor to Bethlehem Steel Company. Apparatus for use in the manufacture of nuts. 2,324,953; July 20.
- Reed, Claude D., Lebanon, Pa., assignor to Bethlehem Steel Company. Method and apparatus for nut manufacture. 2,328,495; Aug. 31.
- Reed, D. H. Company. (See Brown, C. C., Dodson, and Scott, assignors.)
- Reed, Daniel E., assignor to Yankee Metal Products Corp., Norwalk, Conn. Clamping means for mirror devices and the like. 2,336,805; Dec. 14.

- Reed, Donald L. Silver Spring, Md., assignor to Henry A. Wallace, Secretary of Agriculture of the United States of America and his successors in office. Production of chlorine. 2,309,919; Feb. 2.
- Reed, E. P., & Co. (See Pierson, Harold L., assignor.)
- Reed, Ed. (See Metten, O. P. D., and Reed.)
- Reed, Frank A., Butler, Pa. Oil well packer. 2,335,025; Nov. 23.
- Reed, Fred M. (See Lucci, Joseph P., and Reed.)
- Reed, George E., Oakland, Calif. Equipped vehicle. 2,329,419; Sept. 14.
- Reed, Harold V. (See Nutt, H., and Reed.)
- Reed, Harold V., assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,321,513; June 8.
- Reed, Isaac N., Livingston, Ala., assignor, by mesne assignments, to Wedgeplug Valve Company, Inc., New Orleans, La. Valve lubricator and seal. 2,323,421; July 6.
- Reed, Jesse O., Washington, D. C., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and to his successors in office. Refining oleoresin. 2,307,078; Jan. 5.
- Reed, Jesse O., Washington, D. C., dedicated to the free use of the People in the Territory of the United States. Refining turpentine. 2,308,715; Jan. 19.
- Reed, Jesse O., Washington, D. C., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and his successors in office. Hanger. 2,316,193; Apr. 6.
- Reed, Jesse O., Washington, D. C., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America and his successors in office. Fractionating apparatus. 2,319,395; May 13.
- Reed, Jesse O., Washington, D. C., assignor to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and to his successors in office. Apparatus for washing oleoresin. 2,322,252; June 22.
- Reed, Jesse O., Washington, D. C. Antiskid tire chain. 2,332,113; Oct. 19.
- Reed, John, Des Moines, Iowa. Ladder support. 2,307,543; Jan. 5.
- Reed, John, Des Moines, Iowa. Mop holder. 2,330,744; Sept. 28.
- Reed, John E., Bakersfield, Calif. Safety joint bumper sub. 2,309,866; Feb. 2.
- Reed, John E., Bakersfield, Calif. Rat-hole swivel wrench. 2,321,245; June 8.
- Reed, Joseph P., Fairmont, W. Va. Separating process and apparatus. 2,321,514; June 8.
- Reed-Prentice Corporation. (See Smith, Donald J., assignor.)
- Reed & Prince Manufacturing Company. (See Werme, Adolph, assignor.)
- Reed-Prentice Corporation. (See Bird, E. S., Marsh and Smith, assignors.)
- Reed, Ray R., and J. W. Hanson, Duluth, Minn. Gauge. 2,332,667; Oct. 26.
- Reed Roller Bit Company. (See Crook, William M., assignor.)
- Reed Roller Bit Company. (See Fernier, George F., assignor.)
- Reed Roller Bit Company. (See Fortune, James C., assignor.)
- Reed Roller Bit Company. (See Harrington, George G., assignor.)
- Reed Roller Bit Company. (See Harrington, G. G., Stancliff, and Black, assignors.)
- Reed Roller Bit Company. (See Hoffoss, John E., assignor.)
- Reed Roller Bit Company. (See Hoffoss, J. E., and Stokes, assignors.)
- Reed Roller Bit Company. (See Johnson, Charles F., assignor.)
- Reed Roller Bit Company. (See Kennedy, Eugene D., assignor.)
- Reed Roller Bit Company. (See Noble, W. B., and Hoffoss, assignors.)
- Reed Roller Bit Company. (See Ohls, Robert L., assignor.)
- Reed Roller Bit Company. (See Rees, S. E., Radack, Olsen, and Elliott, assignors.)
- Reed Roller Bit Company. (See Stancliff, Thomas H., assignor.)
- Reed Roller Bit Company. (See Stokes, John C., assignor.)
- Reed, Thomas F., Dormont, Pa., assignor to United States Steel Corporation of Delaware. Continuous steel strip pickling. 2,314,369; Mar. 23.
- Reed, Warren B., New Orleans, La. Valve control. 2,318,347; May 18.
- Reed, William B., West Caldwell, N. J., assignor to General Electric Company. Oil rate control for burners. 2,314,288; Mar. 16.
- Reed, William E., Pittsburgh, Pa. Wire fabric. 2,313,581; Mar. 9.
- Reeder, David B., Evanston, Ill., assignor to Electro Metallurgical Company. Manufacture of cast iron. 2,333,741; Nov. 9.
- Reed, Asler J. (See Stewart, F. W., Kelly, and Reek.)
- Reel, Raymond D., Keyser, W. Va., assignor to Celanese Corporation of America. Apparatus for the treatment of artificial materials. 2,334,288; Nov. 16.
- Reenstlerma, Gustaf L., assignor of one-half to Remo Alazzone, Union City, N. J. Can opener. 2,324,110; July 13.
- Reenstlerma, Gustaf L., assignor of one-third to R. Alazzone, Union City, N. J., and one-third to E. C. Gillette, New York, N. Y. Golf club. 2,326,495; Aug. 10.
- Rees, Clarence A., assignor to Illinois Tool Works, Chicago, Ill. Fastener device. 2,321,157; June 8.
- Rees, Clarence A., assignor to Illinois Tool Works, Chicago, Ill. Connector. 2,321,158; June 8.
- Rees, Clyde M., White Plains, N. Y. Refrigerator. 2,323,354; July 6.
- Rees, Gregory L., La Grange Park, assignor to Edison General Appliance Company, Inc., Chicago, Ill. Door structure. 2,313,582; Mar. 9.
- Rees, Gregory L., La Grange Park, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Roasting rack. 2,316,620; Apr. 13.
- Rees, Gregory L., La Grange Park, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Vent structure. 2,337,349; Dec. 21.
- Rees, Jay B., Piqua, Ohio. Safety ash tray. 2,332,929; Oct. 26.
- Rees, Mackworth G., Detroit, Mich. Current delivering and conducting means. 2,320,470; June 1.
- Rees, Shropshire, H. E., Radack, J. E. Olsen, and C. H. Elliott, assignors to Reed Roller Bit Company, Houston, Tex. Ball-bearing injector. 2,311,251; Feb. 16.
- Reese, Donald J., Elizabeth, N. J., and R. A. Flinn, Jr., Cambridge, Mass., assignors to The International Nickel Company, Inc., New York, N. Y. High quality cast iron. 2,324,332; July 13.
- Reese, Edgar G., Junction, Tex. Device for testing fluids. 2,316,019; Apr. 6.
- Reese, Frank, Excelsior, assignor to Reese Metal Weather Strip Co., Minneapolis, Minn. Weather strip. 2,333,742; Nov. 9.
- Reese, Garland W., Chappaqua, assignor to American Can Company, New York, N. Y. Container. 2,331,346; Oct. 12.
- Reese, George C. (See Greene, N. J., and Reese.)
- Reese, Lewis P. (See Miller, W. J., Reese, and Croninger.)
- Reese Metal Weather Strip Co. (See Reese, Frank, assignor.)
- Reeve, Norman H., assignor to Webster Electric Company, Racine, Wis. Communication system. 2,324,877; July 20.
- Reevy, Frederick R. (See Newton, E. E., Peachey, and Reevy.)
- Reevy, Frederick R., St. Lambert Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Treating strands. 2,328,096; Aug. 31.
- Reeves, Dache M., Langley Field, Va. Stereoscope. 2,307,803; Jan. 12.
- Reeves, Donald H., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,309,212; Jan. 26.
- Reeves, Donald H., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,310,117; Feb. 2.
- Reeves, Donald H., assignor to General Motors Corporation, Dayton, Ohio. Vacuum cleaner appliance. 2,333,339; Nov. 2.
- Reeves, Edward D., Cranford, N. J., assignor to Standard Oil Development Company. Conveying powdered material. 2,315,079; Mar. 30.
- Reeves, Edward D., Cranford, N. J., assignor to Standard Oil Development Company. Converting heavy petroleum oil into vapors and coke. 2,334,583; Nov. 16.
- Reeves, Edward D., Cranford, N. J., assignor to Standard Oil Development Company. Catalytic converter. 2,335,026; Nov. 23.
- Reeves, Edward D., Cranford, and K. K. Kearby, Elizabeth, N. J., assignors to Standard Oil Development Company. Catalytic process. 2,317,893; Apr. 27.
- Reeves, Herbert M., Kankakee, Ill., assignor to Florence Stove Company, Gardner, Mass. Oil range. 2,313,089; Mar. 9.
- Reeves, Howard F., Jr. (See Andrews, T. M., and Reeves.)
- Reeves, Joseph B., et al. (See Head, John S., assignor.)
- Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Nailed wood block belt splice. 2,309,330; Jan. 26.
- Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Variable speed unit and pulley therefor. 2,326,392; Aug. 10.
- Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. Belt splice. 2,330,449; Sept. 28.
- Reeves Pulley Company. (See Batterson, D. C., assignor.)
- Reeves Pulley Company. (See Clay, Harry C., assignor.)
- Reeves Pulley Company. (See Lazzell, Archie E., assignor.)
- Reeves Pulley Company. (See Perry, William R., assignor.)
- Reeves Pulley Company. (See Reeves, Paul B., assignor.)
- Reeves, Reuben G., Camden, N. J. Protector for toilet seats. 2,312,589; Mar. 2.
- Reeves, Richard E., Yonkers, N. Y., assignor to The Chemical Foundation, Incorporated. Production of improved cellulosic materials. 2,323,181; June 29.
- Reeves, Robert B., Chelmsford, England. Apparatus for molding or lining hollow articles. 2,334,509; Nov. 16.

- Reeves, Waverly A. (See Allen, W. H., and Reeves.)
 Refining, Inc. (See Clayton, Benjamin, assignor.)
 Refining, Inc. (See Ewing, Frederick J., assignor.)
 Refining, Inc. (See Thurman, Benjamin H., assignor.)
 Reflecto Letters, Inc. (See Mitscherling, Waldemar O., assignor.)
 Reflector Hardware Corporation. (See Kamin, Clifford J., assignor.)
 Regan Forge and Engineering Company. (See Sprague, Robert B., assignor.)
 Regan, John E., and A. N. Klyver, assignors to Lamson Corporation, Syracuse, N. Y. Vertical conveyor system. 2,310,461; Feb. 9.
 Regar, Harold D., Reading, Pa. Carburetor. 2,325,546; July 27.
 Regents of the University of Minnesota. (See Smith, Lee I., assignor.)
 Reggie, Christy, Waynesville, N. C. Making shoe platforms. 2,317,220; Apr. 20.
 Reggio, Ferdinando C., Buffalo, N. Y. Fuel supply system. 2,313,264; Mar. 9.
 Reggio, Ferdinando C., Detroit, Mich. Fuel injection device. 2,326,171; Aug. 10.
 Register, George M. (See Helfenstein, John, assignor.)
 Renier, Jean L., Paris, France; vested in the Alien Property Custodian. Alkaloid salts and the manufacture thereof. 2,312,440; Mar. 2.
 Reh, Paul A., East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Distributing apparatus. 2,323,677; July 6.
 Rehnfeld, Wilson A., Chicago, and M. K. Naylor, Rockford, assignors to The Eddy Paper Corporation, Chicago, Ill. Container. 2,315,094; Mar. 30.
 Rehn, Gustav A., assignor to Riley Stoker Corporation, Worcester, Mass. Steam generator. 2,322,390; June 22.
 Rehn, Maurice A., assignor to Tramil-Rehn Lumber Company, Kansas City, Mo. Building construction. 2,308,248; Jan. 12.
 Rehnberg, Axel E. (See Walt, A. J., and Rehnberg.)
 Rehnberg, Per H. E., Enskade, assignor to Aktiebolaget Snabb Av Ar 1938, Stockholm, Sweden. Fire arm. 2,331,347; Oct. 12.
 Reiber, Albert H., Evanston, assignor to Teletype Corporation, Chicago, Ill. Tape perforator. 2,308,543; Jan. 19.
 Reiber, Albert H., Evanston, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,329,652; Sept. 14.
 Reiber, Albert H., Evanston, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,335,310; Nov. 30.
 Reiber, Harry P., Williamsport, Pa., assignor of forty per cent to A. H. White, New York, N. Y. Governor. 2,327,216; Aug. 17.
 Reiber, Harry P., Williamsport, Pa., and J. B. Reiber, Ann Arbor, Mich., assignors of forty per cent to A. H. White, New York, N. Y. Variable pitch propeller control mechanism. 2,327,217; Aug. 17.
 Reiber, Jack B. (See Reiber, Harry P. and J. B.)
 Reich, Ernest, Quakertown, Pa. Heating device. 2,313,968; Mar. 16.
 Reich, Joseph, assignor to Elite Hand-Painting Corporation, New York, N. Y. Ornament for Christmas trees and the like. 2,312,286; Feb. 23.
 Reichart, John W., Muncie, Ind. Combination lamp structure. 2,308,567; Jan. 19.
 Reichel, Frank H., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Reutilizing waste material. 2,337,928; Dec. 28.
 Reichel, Frank H., A. E. Craver, and A. O. Russell, assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Apparatus for making tubing. 2,337,927; Dec. 28.
 Reichel, John, Wynnewood, Pa. Container. 2,324,237; July 13.
 Reichel, John, Wynnewood, Pa., assignor to Reichel Laboratories, Kimberton, Pa., a firm composed of the following members, J. Reichel and H. Wolstenholme. High vacuum, low temperature, drying apparatus. 2,307,802; Jan. 12.
 Reichel Laboratories. (See Reichel, John, assignor.)
 Reichel, Wladimir A., Bellerose, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Oxygen regulator. 2,322,483; June 29.
 Reichelt, Lester O. (See Nystrom, A. C., and Reichelt.)
 Reichelt, Lester O., Cranford, and D. V. Waters, Flemington, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Control system for machines. 2,317,113; Apr. 20.
 Reichenbach, Edward F., assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Lipstick holder. 2,337,682; Dec. 28.
 Reicheneder, Franz. (See Trieschmann, H.-G., Jutz, and Reicheneder.)
 Reichert, Joseph S., and A. A. Elston, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of water. 2,311,314; Feb. 16.
 Reichert, Joseph S., and S. A. McNeight, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Container for the storage of solutions of peroxygen compounds. 2,316,487; Apr. 13.
 Reichert, Joseph S., S. A. McNeight, and R. A. Secord, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Refining of sugar and sugar sirups. 2,334,126; Nov. 9.
 Reichhold Chemicals, Inc. (See Honel, Herbert, assignor.)
 Reichhold Chemicals, Inc. (See Hovey, A. G., Hodgins, and Meske, assignors.)
 Reichhold Chemicals, Inc. (See Siegel, Ernest F., assignor.)
 Reichle, Alfred, and L. Mehler, Dormagen, Germany; vested in the Alien Property Custodian. Cuprammonium cellulose spinning process. 2,315,224; Mar. 30.
 Reichstein, Tadeus, Basel, Switzerland, assignor to the firm Roche-Organon, Inc., Nutley, N. J. Substituted derivatives of saturated or unsaturated pregnanediones. 2,309,867; Feb. 2.
 Reichstein, Tadeus, Zurich, Switzerland, assignor, by mesne assignments, to Roche-Organon, Inc., Nutley, N. J. Derivatives of pregnane and pregnene. 2,312,180; Mar. 2.
 Reichstein, Tadeus, Zurich, Switzerland, assignor, by mesne assignments, to Roche-Organon, Inc., Nutley, N. J. Substituted derivatives of saturated or unsaturated pregnane-diones. 2,312,481; Mar. 2.
 Reichstein, Tadeus, Zurich, Switzerland, assignor, by mesne assignments, to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Saturated and unsaturated 17-formyl-cyclopentanopolycyclohexanethrenes. 2,327,271; Dec. 21.
 Reichstein, Tadeus, Basel, Switzerland, assignor, by mesne assignments, to Roche-Organon, Inc., Nutley, N. J. Derivatives of the cyclopentano-polyhydrophenanthrene series. 2,312,482; Mar. 2.
 Reichstein, Tadeus, Basel, Switzerland, assignor to Roche-Organon, Inc., Nutley, N. J. Compounds having a pregnane or pregnene skeleton. 2,312,483; Mar. 2.
 Reichstein, Tadeus, Basel, Switzerland, assignor to the firm of Roche-Organon Incorporated, Nutley, N. J. Preparing cyclopentanopolycyclohexanthrene ketols and esters thereof. 2,312,484; Mar. 2.
 Reid, Ebenezer E. (See Moran, R. V., Reid, and Hamilton.)
 Reid, Edward C., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Flatiron supporting mechanism. 2,308,106; Jan. 12.
 Reid, Elfe R., executrix. (See Reid, Roswell S.)
 Reid, Elmer A., Morrisville, Pa. Carrier device. 2,308,454; Jan. 12.
 Reid, Elmer A., Morrisville, Pa. Carrier device. 2,308,455; Jan. 12.
 Reid, Emerson J., Kansas City, Mo., and J. W. Taylor, Kansas City, Kans.; said Taylor assignor to Hume Manufacturing Company, North Kansas City, Mo. Case carrier for bottles. 2,316,454; Apr. 13.
 Reid, Eugene H. (See Hoffmann, D. C., Reid, and Bany.)
 Reid, Frederick M., assignor to Fruehauf Trailer Company, Detroit, Mich. Vehicle undercarriage and brake operating mechanism. 2,311,252; Feb. 16.
 Reid, Frederick M., assignor to Fruehauf Trailer Company, Detroit, Mich. Trailer vehicle. 2,315,802; May 11.
 Reid, George H., London, England. Apparatus for training pilots, navigators, and like aircraft personnel. 2,313,480; Mar. 9.
 Reid, Glenn P., West Los Angeles, Calif. Golf club grip. 2,308,779; Jan. 19.
 Reid, Herbert J., Fairlawn, N. J., assignor to United States Rubber Company, New York, N. Y. Adhesive composition. 2,329,852; Sept. 21.
 Reid, Irvin M., and C. H. Johnson, East Jaffrey, N. H., assignors to United Shoe Machinery Corporation, Flemington, N. J. Staple. 2,309,536; Jan. 26.
 Reid, James A. (See Bailey, G. C., and Reid.)
 Reid, James A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Manufacture of viscous polymers. 2,315,080; Mar. 30.
 Reid, James F. (See Chrisman, H., and Reid.)
 Reid, James R. (See Patterson, J. R., Reid, and Leteron.)
 Reid, Joseph V., and Paul Richer, assignors to Genin Trudeau & Cie Ltee, Montreal, Quebec, Canada. Cigarette-making machine. 2,329,163; Sept. 7.
 Reid, Murdoch & Co. (See Lundquist, Roy W., assignor.)
 Reid, Roswell S., deceased, by E. R. Reid, executrix, assignor to West Virginia Newspaper Publishing Company, Morgantown, W. Va. Display printing machine. 2,328,097; Aug. 31.
 Reid & Sigrist Limited. (See Crew, David, assignor.)
 Reid, William G. (See Lipscomb, R. U., and Reid.)
 Reibold, Samuel J., and Z. Pittsburg, Pa. Pocket for clothing. 2,315,814; Apr. 6.
 Reichenberg, Joseph H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vent for portable dishwashers. 2,320,888; June 1.
 Reiff, Orland M. (See Mygaard, E. M., and Reiff.)

- Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition and improving agent therefor. 2,319,189; May 11.
- Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,319,190; May 11.
- Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition and improving agent therefor. 2,326,496; Aug. 10.
- Reiff, Orland M., Woodbury, N. J., F. P. Otto, Philadelphia, Pa., J. J. Glammara, Riverside, and E. A. Oberright, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition and improving agent therefor. 2,316,889; Apr. 20.
- Reilly, Charles F. (See Oglesby, N. E., Reilly, and Gilbert.)
- Reilly, Frederick J., New York, N. Y. Convertible chair. 2,331,629; Oct. 12.
- Reilly Tar & Chemical Corporation. (See Cislak, F. E., and Cunningham assignors.)
- Reilly Tar & Chemical Corporation. (See Cislak, F. E., and Karnatz, assignors.)
- Reilly Tar & Chemical Corporation. (See Cislak, F. E., and Otto, assignors.)
- Reimann, William H., Hialeah, Fla. Conveyor. 2,330,745; Sept. 28.
- Reimers, Frederick E., Taneock, N. J., assignor to Allied Chemical & Dye Corporation, New York, N. Y. Isolation of heterocyclic nitrogen compounds from mixtures thereof. 2,336,502; Dec. 14.
- Reimers, Hans A., assignor to The Dow Chemical Company, Midland, Mich. Welding flux for magnesium base alloys. 2,327,005; Aug. 17.
- Reimers, Hans A., assignor to The Dow Chemical Company, Midland, Mich. Sealing pores in subterranean formations contiguous to deep well bores. 2,330,145; Sept. 21.
- Reimspiess, Franz, Stuttgart, Germany; vested in the Allen Property Custodian. Springing mechanism for vehicles. 2,328,740; Sept. 7.
- Reimulder, Caryl, Glenview, Ill. Air diverter. 2,336,295; Aug. 7.
- Reimulder, Caryl, Skokie, Ill. Air diverter attachment. 2,336,296; Dec. 7.
- Rein, Herbert. (See Harz, W., Rein, Hubert, and Kayser.)
- Reineke, Ezra P. (See Turner, C. W., and Reineke.)
- Reinher, E. (See Kubelka, L., and Reinher.)
- Reinher, Frederick, York Mills, Ontario, Canada. Form for making concrete walls. 2,332,166; Oct. 19.
- Reiner, Laszlo. (See Buck, J. S., Reiner, and Sherwood.)
- Reiner, Robert, Incorporated. (See Lambach, Fritz, assignor.)
- Reinhardt, Frank A., Norton, Mass. Machinist's indicator. 2,308,200; Jan. 12.
- Reinhardt, John P., Brooklyn, N. Y. Humidifier cabinet. 2,310,118; Feb. 2.
- Reinhardt, John P., Brooklyn, N. Y. Extensible ladder. 2,310,119; Feb. 2.
- Reinhardt, Henry A., Longmeadow, Mass., assignor to Rigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Floor covering and manufacture. 2,314,162; Mar. 16.
- Reinhardt, Robert C., and L. C. Chamberlain, Jr., assignors to The Dow Chemical Company, Midland, Mich. Fabrication of crystalline polymers. 2,332,480; Oct. 19.
- Reinhart, Harold C. (See Brumbaugh, I. V., Kauffman, and Reinhart.)
- Reinhart, Harold C., assignor to American Stove Company, St. Louis, Mo. Gas burner. 2,311,778; Feb. 23.
- Reinhart, Theodore J., Maple Heights, Ohio. Ironing board. 2,322,392; June 22.
- Reinholz, William H., Los Angeles, Calif. Baby walker. 2,308,626; Jan. 19.
- Reinhold, William C., Irondequoit, N. Y. Safety belt for baby's dressing tables. 2,332,831; Oct. 26.
- Reintam, Johannes, New York, N. Y. Toy target. 2,323,678; July 6.
- Reintjes, George P., Kansas City, Mo. Furnace checkerwork. 2,309,789; Feb. 2.
- Reintjes, George P., Kansas City, Mo. Sectional furnace wall and tube packing. 2,337,208; Dec. 21.
- Reiser, Alfred A., Buffalo, N. Y. Plug valve. 2,313,090; Mar. 9.
- Reisert, August D. (See Rotter, L. C., Reisert, Klein, and Schneller.)
- Reising, Eugene G., Hartford, Conn. Compensator for automatic firearms. 2,313,669; Mar. 9.
- Reising, Eugene G., Hartford, Conn. Firearm. 2,317,641; Apr. 27.
- Reising, Eugene G., Hartford, Conn. Loading mechanism for firearms. 2,324,238; July 13.
- Reiskind, Hillel I., Camden, N. J., assignor to Radio Corporation of America. Control track sound reproducer. 2,308,456; Jan. 12.
- Reiskind, Hillel I., Camden, N. J., assignor to Radio Corporation of America. Sound recording apparatus. 2,335,612; Nov. 30.
- Reisner, W. H., Manufacturing Company, The. (See Reisner, William H., assignor.)
- Reisner, William H., assignor to The W. H. Reisner Manufacturing Company, Inc., Hagerstown, Md. Multiple magnetic valve for organs. 2,335,311; Nov. 30.
- Reiss, Louis P., Marshall, Tex. Noncondensable gas purger. 2,316,104; Apr. 6.
- Reisser, Vernon H., Omaha, Nebr. Road working machine. 2,326,561; Aug. 10.
- Reisner, Hans, Chicago, Ill. Control for variable pitch propellers. 2,326,308; Aug. 10.
- Reiste, Irwin J., Sundance, Wyo. Filling device. 2,328,741; Sept. 7.
- Reistle, Carl E., Jr., Houston, Tex., assignor to Standard Oil Development Company. Washdown device for inserting pipe into granular material. 2,321,318; June 8.
- Reisz, Eugen, New York, N. Y. Television and telephotograph system. 2,332,469; Oct. 19.
- Reit, Walter, Philadelphia, Pa. Fluid-drive power transmission. 2,319,766; May 18.
- Reiter, Adolph, New York, N. Y. Hair curler. 2,325,547; July 27.
- Reiter, Alexander L. (See Smith, J. T., and Reiter.)
- Reiter, Harold J., Chicago, Ill. Snap fastener. 2,312,441; Mar. 2.
- Reiter, Harold J., Chicago, Ill. Snap fastener. 2,312,442; Mar. 2.
- Reiter, Harold J., Chicago, Ill. Snap fastener. 2,312,443; Mar. 2.
- Reiter, Harold J., Chicago, Ill. Fastener installation. 2,332,167; Oct. 19.
- Reiter, Lambert, Minneapolis, Minn. Mop holder. 2,336,702; Dec. 14.
- Reiter, Lena J., Cincinnati, Ohio. Coat with detachable lining. 2,320,950; June 1.
- Reith, Joseph A., assignor to Milwaukee Safety Appliance Co., Milwaukee, Wis. Safety belt. 2,317,346; Apr. 27.
- Reitz, Peter, St. Louis, Mo. Clothesline post and reel. 2,320,448; June 1.
- Rokersdres, Henry, Yonkers, N. Y. Marine life belt. 2,309,256; Jan. 26.
- Relle, John N., Montgomery, Ala., assignor to American Telephone and Telegraph Company. Testing system. 2,327,458; Aug. 24.
- Reliance Steel Products Company. (See Nagin, Harry and Leon, assignors.)
- Reliance Steel Products Company. (See Nagin, H., and Strickland, assignors.)
- Rembert, Ernest W., Plainfield, N. J., assignor to John-Manville Corporation, New York, N. Y. Asbestos-cement pipe. 2,322,592; June 22.
- Rembert, Ernest W., Plainfield, N. J., assignor to John-Manville Corporation, New York, N. Y. Pipe coupling and making the same. 2,329,000; Sept. 7.
- Remer, Charles H., Hibbing, Minn. Jig for concentrating ore. 2,309,275; Jan. 26.
- Remington Arms Company. (See Baldwin, R. L., and Chapman, assignors.)
- Remington Arms Company. (See Birdsall, E. H., and Spaulding, assignors.)
- Remington Arms Company. (See Buchanan, Andrew E., Jr., assignor.)
- Remington Arms Company. (See Collins, Charles H., assignor.)
- Remington Arms Company. (See Cox, Charles D., assignor.)
- Remington Arms Company. (See Eckstein, G. R., and Catlin, assignor.)
- Remington Arms Company. (See Gordon, W. E., and Williamson, assignors.)
- Remington Arms Company. (See Grace, R. H., and Walker, assignors.)
- Remington Arms Company. (See Hentschel, Robert A., assignor.)
- Remington Arms Company. (See Hodgson, Joseph H., assignor.)
- Remington Arms Company. (See Hodgson, J. H., Balder, and James, assignors.)
- Remington Arms Company. (See Johnson, C. R., and Hall, assignors.)
- Remington Arms Company. (See Kelsey, Elias L., assignor.)
- Remington Arms Company. (See Loomis, Crawford C., assignor.)
- Remington Arms Company. (See Lowe, Kenneth J., assignor.)
- Remington Arms Company. (See Mounts, Wilfred V., assignor.)
- Remington Arms Company. (See Reynolds, Warren S., assignor.)
- Remington Arms Company. (See Sappenfield, Marion L., assignor.)
- Remington Arms Company. (See Slater, Raymond E., assignor.)
- Remington Arms Company. (See Werme, Tage F., assignor.)
- Remington Arms Company. (See Whipple, Ernest G., assignor.)
- Remington Arms Company, Inc. (See Calhoun, Gordon M., assignor.)
- Remington, Frederic, Elizabeth, and R. A. Tartaglia, East Orange, assignors to Peerless Tube Company, Bloomfield, N. J. Making lead articles. 2,328,098; Aug. 31.

- Remington, Leland F., assignor to Curtis & Marble Machine Company, Worcester, Mass. Variable feed mechanism for railway sewing machines. 2,337,413; Dec. 21.
- Remington Rand Inc. (See Andersen, Niels Y., assignor.)
- Remington Rand Inc. (See Bitner, Ralph E., assignor.)
- Remington Rand Inc. (See Braun, Karl J., assignor.)
- Remington Rand Inc. (See Carissimi, Louis C., assignor.)
- Remington Rand Inc. (See Dienna, Daniel F., Jr., assignor.)
- Remington Rand Inc. (See Dodge, E. S., and Tobin, assignors.)
- Remington Rand Inc. (See Going, George G., assignor.)
- Remington Rand Inc. (See Heybourne, Victor C., assignor.)
- Remington Rand Inc. (See Landsiedel, Harry, assignor.)
- Remington Rand Inc. (See Lasker, W. W. and Mueller, assignors.)
- Remington Rand Inc. (See Leffel, James D., assignor.)
- Remington Rand Inc. (See Maschmeyer, August H., assignor.)
- Remington Rand Inc. (See Mixer, Harold P., assignor.)
- Remington Rand Inc. (See Mueller, John, assignor.)
- Remington Rand Inc. (See Nelson, Arthur, assignor.)
- Remington Rand Inc. (See Newland, Jay R., assignor.)
- Remington Rand Inc. (See Philbin, W. L., and Scobell, assignors.)
- Remington Rand Inc. (See Rand, James H., Jr., assignor.)
- Remington Rand Inc. (See Ritzert, Robert W., assignor.)
- Remington Rand Inc. (See Ross, A. M., and Rand.)
- Remington Rand Inc. (See Schaffer, W. J., and Layle, assignors.)
- Remington Rand Inc. (See Schremp, Frederick W., assignor.)
- Remington Rand Inc. (See Thompson, Russell G., assignor.)
- Remington Rand Inc. (See Upham, Harry E., assignor.)
- Remington Rand Inc. (See Wolters, Carl F., assignor.)
- Remington Rand Inc. (See Wolters, C. F., and Andersen, assignors.)
- Remington Rand Inc. (See Wolters, C. F., and Tober, assignors.)
- Rempel, Dietrich G., assignor to The Sun Rubber Company, Barberton, Ohio. Method and apparatus for making hollow rubber articles. 2,321,319; June 8.
- Rempel, Dietrich G., assignor to The Sun Rubber Company, Barberton, Ohio. Apparatus for stenciling articles. 2,327,668; Aug. 24.
- Rempel, Dietrich G., Akron, Ohio, assignor to Sun Rubber Company. Apparatus for manufacturing hollow rubber articles. 2,331,630; Oct. 12.
- Renart Sportswear Corporation. (See Warsaw, Charles, assignor.)
- Rendano, Louis, Brooklyn, N. Y. Electric fan. 2,313,481; Mar. 9.
- Rendel, George H. (See McLaughlin, W. H., and Rendel.)
- Renfrew, Archibald, and J. W. Davison, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Production of pastes from polymerized vinyl chloride. 2,327,128; Aug. 17.
- Renfrew, Malcolm M. (See Macht, M. L., and Renfrew.)
- Renfrew, Malcolm M., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tooth reconstruction. 2,335,133; Nov. 23.
- Renholdt, John E., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Clutch. 2,326,678; Aug. 10.
- Renkert, Donald J. (See Sever, D. R., and Renkert.)
- Renkin, Robert F., Sharon, assignor of one-half to H. A. Rosmer, Pittsburgh, Pa. Furnace muffle construction. 2,333,579; Dec. 2.
- Renkin, Samuel M., Pittsburgh, Pa. Chain wheel. 2,321,702; June 15.
- Renner, Darwin S., Dallas, Tex., assignor to Geophysical Service Incorporated. Seismic recording. 2,313,091; Mar. 9.
- Renner, George H., assignor of one-fourth to L. Renner, Council Bluffs, Neb. Sewing attachment for tractors. 2,312,287; Feb. 23.
- Renner, Harold G., Detroit, Mich. Clinch-on nut and manufacture. 2,310,316; Feb. 9.
- Renner, Herbert O., Des Plaines, assignor, by mesne assignments, to J. R. Short Milling Company, Chicago, Ill. Treating edible oils or fats. 2,316,621; Apr. 13.
- Renner, Lucile E. (See Renner, George H., assignor.)
- Renner, Otto. (See Hilbert, F., and Renner.)
- Rennie, Robert F. (See Arnott, E. G. F., and Rennie.)
- Renno, Donald G., New Haven, Ind., assignor to International Harvester Company. Vehicle body construction. 2,311,129; Feb. 16.
- Repo, Esther W., New York, N. Y. Doll. 2,310,037; Feb. 2.
- Renold and Coventry Chain Company, The. (See Copp, P., and Whiteley, assignors.)
- Renold and Coventry Chain Company Limited, The. (See Coulson, Richard, assignor.)
- Rensen, Philip J., Philadelphia, Pa. Precision square. 2,325,562; Aug. 10.
- Renshaw, David E., Wilkinsburg, P. A. Pontius, East Pittsburgh, and J. P. Stakel, Edgewood, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lead entrance. 2,333,580; Nov. 2.
- Rensselaer Valve Company. (See Rutledge, Eric A., assignor.)
- Renstrom, Carl W., and E. Hoffmann, Omaha, Nebr. Hair curler. 2,322,253; June 22.
- Renfro, Gerald H., Riverside, Calif. Piston ring. 2,323,296; Sept. 14.
- Renton, Henry N., Wyncote, assignor to The American Pulley Company, Philadelphia, Pa. Blind. 2,318,525; May 4.
- Renton, Henry N., Wyncote, assignor to The American Pulley Company, Philadelphia, Pa. Black-out screening. 2,323,239; June 29.
- Renton, Henry N., Wyncote, assignor to The American Pulley Company, Philadelphia, Pa. Supplemental metal window unit. 2,329,485; Sept. 14.
- Repas, George E., Pawtucket, R. I., assignor to H & B American Machine Company. Former for paper string. 2,322,731; June 22.
- Replogle, Carl S., et al., executors. (See Replogle, Daniel B.)
- Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio. Indicator for suction cleaning systems. 2,325,633; Aug. 3.
- Replogle, Daniel B., Berkeley, Calif., Bank of America National Trust & Savings Association, C. S. Replogle, H. E. Queen, and L. H. Bullock, executors of said D. B. Replogle, deceased, assignors to The Ohio Citizens Trust Company, Toledo, Ohio, trustee. Demonstrating indicator for air-method cleaners. 2,335,885; Dec. 7.
- Reppe, Walter, A. Steinhof, and G. Daumiller, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Preparing diolefin. 2,310,809; Feb. 9.
- Reppe, Walter, E. Keyssner, and O. Hecht, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Compensation products of acetylene with dimethyl urea. 2,316,653; Apr. 13.
- Reppe, Walter, H. Krzikalla, O. Dornheim, and R. Sauerbier, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. N-vinyl lactams. 2,317,804; Apr. 27.
- Reppe, Walter, W. Schmidt, A. Schulz, and H. Wenderlein, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of aliphatic dihydric alcohols. 2,319,707; May 18.
- Reppe, Walter, W. Schmidt, A. Schulz, and H. Wenderlein, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of aliphatic alcohols. 2,335,795; Nov. 30.
- Repper, Theodore A., Franklin, Ohio. Walking toy. 2,309,213; Jan. 26.
- Reppert, Hugh E., San Diego, Calif. Coaxial transmission line. 2,332,529; Oct. 26.
- Reppmann, Wilhelm B., Oss, Netherlands; vested in the Alien Property Custodian. Filter. 2,330,625; Sept. 28.
- Republic Aviation Corporation. (See Hartley, Croydon E. A., assignor.)
- Republic Aviation Corporation. (See Perina, Joseph, assignor.)
- Republic Aviation Corporation. (See Rudnick, Benjamin, assignor.)
- Republic Aviation Corporation. (See Westberg, Arthur H., assignor.)
- Republic Flow Meters Company. (See Ackley, Robert A., assignor.)
- Republic Steel Corporation. (See Farrow, Cecil, assignor.)
- Republic Steel Corporation. (See Smail, James A., assignor.)
- Re Qu, Frederick L., San Francisco, assignor to Oliver United Filters Incorporated, Oakland, Calif. Filter and filtration. 2,308,716; Jan. 19.
- Research Association of British Flour Millers, The. (See Jones, C. R., and Simpson, assignors.)
- Research Corporation. (See Barrow, Wilmer L., assignor.)
- Research Corporation. (See Buchman, Edwin R., assignor.)
- Research Corporation. (See Daskals, Morris H., assignor.)
- Research Corporation. (See Draper, C. S., Lancor, Jr., and Tzu Li, assignors.)
- Research Corporation. (See Fieser, Louis F., assignor.)
- Research Corporation. (See Hauser, Ernst A., assignor.)
- Research Corporation. (See Meston, Archibald F., assignor.)
- Research Corporation. (See Proescher, F., and Sycheff, assignors.)
- Research Corporation. (See Slagle, Edgar A., assignor.)
- Research Corporation. (See Taylor, Hugh S., assignor.)
- Research Corporation. (See Tishler, Max, assignor.)
- Research Corporation. (See Williams, R. R., and Cline, assignors.)
- Research Corporation. (See Winnek, Douglas F., assignor.)
- Research Products Corporation. (See Shoemaker, Milton J., assignor.)
- Resinous Products & Chemical Company. (See Brunson, Herman A., assignor.)

- Resinous Products & Chemical Company, The. (See Branson, H. A., and Rainey, assignors.)
- Resinous Products & Chemical Company, The. (See Cheetham, Harold C., assignor.)
- Resinous Products & Chemical Company, The. (See Cheetham, H. C., and Levesque, assignors.)
- Resinous Products & Chemical Company, The. (See Cheetham, H. C., and Myers, assignors.)
- Resinous Products & Chemical Company, The. (See Myers, Frederick J., assignor.)
- Resistolux Corporation. (See MacWilliam, W., and Thidmatt, assignors.)
- Roso, Sam. (See Ward, J. C., and Reso.)
- Rossp, Luc, et al. (See Gross, E. H., and Hanley, assignors.)
- Ressler, Hugh C., West Brighton, assignor to Faximile, Inc., New York, N. Y. Modulating system. 2,313,583; Mar. 9
- Ressler, Ralph E. (See Müller, K. H., and Ressler.)
- Ressler, Ralph E., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,310,749; Feb. 9
- Retilack, John B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Party line telephone system. 2,326,679; Aug. 10
- Retallata, John T., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Turbine blade. 2,308,426; Jan. 12
- Retterath, Valentin, Iversheim, near Munsterfeld, Germany; vested in the Allen Property Custodian. Radial drilling machine. 2,310,870; Feb. 9
- Rettinger, Michael, Encino, Calif., assignor to Radio Corporation of America. Windshield for microphones. 2,325,424; July 27
- Rubenstein, Milton. (See Johnston, Harry.)
- Rueger, Edmund A., East Orange, and D. D. Knowles, Verona, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge lamp. 2,336,960; Dec. 14
- Ruter, Ferdinand L., Wausau, Wis. Tooth powder dispenser. 2,337,855; Dec. 28
- Reuter, George. (See Gleason, R. E. Coffey, and Reuter.)
- Reuter, Henry, Bremer, Minn. Check row attachment for corn planters. 2,332,601; Oct. 26
- Reuter, Raymond, Medford Lakes, N. J., assignor to The Atlantic Refining Company, Philadelphia, Pa. Addition agent for lubricating oil and making same. 2,315,514; Apr. 6
- Reuter, Raymond, Medford Lakes, N. J., assignor to The Atlantic Refining Company, Philadelphia, Pa. Lubricant. 2,325,076; July 27
- Reuther, John H., New York, N. Y. Collapsible boat. 2,332,259; Oct. 10
- Reutter, Frederick R. (See Lusher, A. C. Tompkins, Reutter, and Howard.)
- Reutter, Frederick R., assignor to Scovill Manufacturing Company, Waterbury, Conn. Cosmetic container. 2,317,087; Apr. 20
- Reutter, Jean-L., Paris, France; vested in the Allen Property Custodian. Dynamic compass. 2,313,005; Mar. 2
- Reutter, Jean-Léon, Paris, France; vested in the Allen Property Custodian. Thermostatic switch. 2,335,886; Dec. 7
- Revo, Inc. (See Forsthoefel, G. F., and White, assignors.)
- Revell, John H., Alhambra, Calif. Dental tool grinder. 2,324,025; July 13
- Revelli, Gino, Milan, Italy; vested in the Allen Property Custodian. Cartridge lifting device for repeating and automatic firearms. 2,308,799; Jan. 19
- Revelli, Gino, Rome, Italy; vested in the Allen Property Custodian. Revolver for repetition and automatic firearms. 2,330,626; Sept. 28
- Revere Camera Company. (See Briskin, T. S., and Sperry, assignors.)
- Revere Camera Company. (See Sperry, P. F., and Briskin, assignors.)
- Revere Copper and Brass Incorporated. (See Goulding, Joseph M., assignor.)
- Revere Copper and Brass Incorporated. (See Hohl, Russell L., assignor.)
- Revere Copper and Brass Incorporated. (See Mueller, Paul M., assignor.)
- Revere Electric Manufacturing Company. (See Winters, Alva B., assignor.)
- Revis, W. C., et al. (See Davis, Stephen H., assignor.)
- Rex, Albert M. (See Gordy, A. F., and Rade, assignors.)
- Rex, James S., assignor to Ranger Joe, Inc., Chester, Pa. Production of candy coated puffed cereals. 2,333,442; Nov. 2
- Rex Manufacturing Company. (See Hull, M. R., and Summers, assignors.)
- Rexair, Inc. (See Brock, Clarence A., assignor.)
- Rex-O-Graph, Inc. (See Rockhill, Roscoe R., assignor.)
- Rexford, Willis E., Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Toy railway mail car or the like. 2,323,240; June 20
- Rey, Charles J., Wellston, Mo. Roller device. 2,309,214; Jan. 26
- Reyburn, John R. (See Kuhl, L., and Reyburn.)
- Reyburn, John R., Fairfield, Conn., assignor to American Chain & Cable Company, Inc., New York, N. Y. Cross chain hook. 2,308,215; Jan. 26
- Reyburn, John R., Fairfield, Conn., assignor to American Chain & Cable Company, Inc. Vehicle bumper construction. 2,314,600; Mar. 23
- Reyling, George F., Rutherford, N. J., assignor to Radio Corporation of America. Oxide coated cathode. 2,308,389; Jan. 12
- Reyniers, James A., South Bend, Ind. Photographic apparatus. 2,335,697; Nov. 30
- Reynolds, Albert G., Oakland, Calif. Fluid pump and motor mechanism. 2,312,979; Mar. 2
- Reynolds, Albert H., Berwyn, assignor to Dearborn Chemical Company, Chicago, Ill. Material for wrapping pipes and for covering metallic surfaces. 2,311,572; Feb. 16
- Reynolds, Damian L., Burlingame, Calif. Repeating mechanism. 2,320,011; May 25
- Reynolds, Edward F., Flint, assignor to General Motors Corporation, Detroit, Mich. Hood latch. 2,311,965; Feb. 23
- Reynolds Electric Co. (See Olson, Waldemar N., assignor.)
- Reynolds, Ellwood W., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Balancing means. 2,322,391; June 22
- Reynolds, Eugene E., Santa Fe, N. Mex., assignor to Merchant Calculating Machine Company. Decimal point indicating mechanism. 2,329,218; Sept. 14
- Reynolds Gas Regulator Co. (See Hughes, Ralph C., assignor.)
- Reynolds, George C., St. Louis, Mo., assignor to National Vulcanized Fibre Co., Wilmington, Del. Kidney guard. 2,320,705; June 1
- Reynolds, Harold A., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Heater and wind-anchors for drying oil compositions. 2,307,158; Jan. 5
- Reynolds, Harold C., Jr., Elizabeth, and H. B. Kellogg, Union City, N. J., assignors to Standard Oil Development Company. Antiskinning and weather-resisting shield defroster. 2,325,427; July 27
- Reynolds, Harry, Jr., et al. (See Ericson, Albert A., assignor.)
- Reynolds, Harry R., assignor to The Fafnir Bearing Company, New Britain, Conn. Adapter. 2,312,690; Mar. 2
- Reynolds, Irenius C., Oak Grove, La. Pipe coupling cutter. 2,324,323; July 13
- Reynolds, Jeanne M., Akron, Ohio. Rotary engine. 2,310,653; Feb. 9
- Reynolds, John N., Princeton, N. J. Electrical relay. 2,330,920; Oct. 5
- Reynolds, Joseph H. (See Lee, Robert E., assignor.)
- Reynolds, Kenneth J., La Porte, Ind. Extensible tray for upholstered furniture. 2,330,627; Sept. 28
- Reynolds, Luther B., La Grange, Ga., assignor to Draper Corporation, Hopedale, Mass. Loom shuttle. 2,335,534; Nov. 30
- Reynolds Metals Company. (See Babcock, Gordon M., assignor.)
- Reynolds Metals Company. (See Cage, James, assignor.)
- Reynolds Metals Company. (See Dalton, T. B., and Weisner, assignors.)
- Reynolds Metals Company. (See Eades, Harry H., assignor.)
- Reynolds Metals Co. (See Fisher, William R., assignor.)
- Reynolds Metals Company. (See Giesler, Jean V., assignor.)
- Reynolds Metals Company. (See Spelt, Robert W., Jr., assignor.)
- Reynolds Metals Company. (See Sunderhauf, Frederick A., assignor.)
- Reynolds Metals Company. (See Sunderhauf, F. A., and Broderick, assignors.)
- Reynolds Metals Company. (See Whitfield, Marshall G., assignor.)
- Reynolds, Morris W., assignor, by mesne assignments, to Acheson Colloids Corporation, Port Huron, Mich. Laminated structure and making the same. 2,308,305; Jan. 12
- Reynolds, R. J., Tobacco Company. (See Cummins, Norman W., assignor.)
- Reynolds Research Corporation. (See Mack, E. L., and Morse, assignors.)
- Reynolds Research Corporation. (See Morse, Earle H., assignor.)
- Reynolds Research Corporation. (See Schmied, Orville K., assignor.)
- Reynolds, Richard, Washington, D. C. Water distribution apparatus. 2,318,969; May 11
- Reynolds Spring Company. (See Jackson, Charles F., assignor.)
- Reynolds Spring Company. (See Moske, Alexander W., assignor.)
- Reynolds, Walter M., assignor of one-fourth to P. Cox and one-fourth to E. Cox, Corpus Christi, Tex. Guard for safety razors. 2,335,536; Nov. 30
- Reynolds, Warren S., Stratford, Conn., assignor to Remington Arms Company, Inc. Gauging machine. 2,307,957; Jan. 12
- Reynolds, Warren S., Stratford, Conn., assignor to Remington Arms Company, Inc. Gauging machine. 2,321,320; June 8
- Reynolds, Warren S., Stratford, Conn., assignor to Remington Arms Company, Inc. Ammunition gauging machine. 2,331,422; Oct. 12

- Reynolds, William B., Elmhurst, assignor to Interchemical Corporation, New York, N. Y. Dispersion of hydrophilic pigments. 2,335,197; Nov. 2.
- Reynolds, William B., Elmhurst, Long Island, assignor to Interchemical Corporation, New York, N. Y. Disazo pigments and producing. 2,335,535; Nov. 30.
- Reynolds, William B., Elmhurst, Long Island, assignor to Interchemical Corporation, New York, N. Y. Azo pigments and producing. 2,335,537; Nov. 30.
- Reynolds, William B., Cincinnati, Ohio, assignor to Interchemical Corporation, New York, N. Y. Azo pigments and producing. 2,335,538; Nov. 30.
- Reynolds, William B., Cincinnati, Ohio, assignor to Interchemical Corporation, New York, N. Y. Disazo pigments and producing. 2,335,539; Nov. 30.
- Reynolds, William B., Elmhurst, Long Island, and S. A. Scully, Yonkers, assignors to Interchemical Corporation, New York, N. Y. Textile printing with emulsion containing dyestuff reactant. 2,309,982; Feb. 2.
- Reyrolle A., & Company Limited. (See Kirkwood, I. W. A., and Ritchie, assignors.)
- Rezos, Louis H., Arlington, Va. Adjustable slicing knife. 2,326,563; Aug. 10.
- Rheem Manufacturing Company. (See Craig, Harvey A., assignor.)
- Rheem Manufacturing Company. (See Gann, Raymond L., assignor.)
- Rhein, Edwin J., assignor to Kimble Glass Company, Vineland, N. J. Physician's package. 2,319,556; May 18.
- Rhelngans, Melvin T., Milwaukee, Wis. Handle device. 2,312,264; Feb. 23.
- Rhinelander Paper Company. (See Dodge, Lloyd L., assignor.)
- Rhoads, James C., Erie, Pa., assignor to General Electric Company. Geared axle drive. 2,312,931; Mar. 2.
- Rhoads, Roy M., Bellflower, assignor of one-fourth to A. L. Armentrout, one-fourth to E. B. Hall, and one-fourth to V. P. Baker, Los Angeles, Calif. Apparatus for controlling the flow of fluids. 2,311,868; Feb. 23.
- Rhoads, Roy M., Bellflower, assignor of one-fourth to A. L. Armentrout, one-fourth to E. B. Hall and one-fourth to V. P. Baker, Los Angeles, Calif. Apparatus for controlling well production. 2,311,869; Feb. 23.
- Rhoda, Ralph, assignor to Berkeley Pump Corporation, Berkeley, Calif. Dual pressure pumping system. 2,315,656; Aug. 10.
- Rhode Island Laboratories, Inc. (See Weil, Maurice A., assignor.)
- Rhodes, Austin D., assignor to J. L. Thompson Manufacturing Company, Waltham, Mass. Riveting machine. 2,319,748; May 18.
- Rhodes, Ben S., Normal, Ill. Belt-supported toilet kit. 2,315,095; Mar. 30.
- Rhodes, Charles J., Wakefield, England. Press for cutting sheet metal. 2,315,454; Mar. 30.
- Rhodes, Guy A., Milford, Ohio. Dispenser. 2,334,032; Nov. 9.
- Rhodes, Harold R. (See Hall R., and Rhodes.)
- Rhodes, Idus L., et al., trustees. (See Daugherty, Fount F., assignor.)
- Rhodes, M. H., Inc. (See Rhodes, Marcus H., assignor.)
- Rhodes, Marcus H., assignor to M. E. Rhodes, Inc., Hartford, Conn. Timing device. 2,316,364; Apr. 13.
- Rhoten, Cella B., assignor of one-half to M. C. Rhoten, Albuquerque, N. Mex. Guard for safety pins. 2,308,826; Jan. 19.
- Rhoten, Marion C. (See Rhoten, C. B., assignor.)
- Rhyme, Homer, et al. (See Dodge, Eugene W., assignor.)
- Riall, Troy A., Silvis, Ill. Carburetor. 2,320,012; May 26.
- Ribas, Jose M., Buenos Aires, Argentina. Thermoelectric apparatus for heating compounds used for dental impressions. 2,316,287; Apr. 13.
- Ribavaro, Charles, assignor, by mesne assignments, to Filatex Corporation, Trenton, N. J. Process and apparatus for winding. 2,335,965; Dec. 7.
- Ribbans, S. H., assignor to Laundry Automatic Appliances Limited, London, England. Apparatus for automatically measuring and delivering predetermined quantities of materials. 2,328,675; Sept. 7.
- Riblett, Earl W., Tenafly, N. J., assignor to Process Management Company, Inc., Wilmington, Del. Production of alkyl halides. 2,334,033; Nov. 9.
- Ricardo, Harry R., London, England. Internal combustion engine operating on the two-stroke cycle with liquid fuel injection. 2,318,333; May 4.
- Ricardo, Harry R., London, and J. F. Alcock, North Lancing, England, said Alcock assignor to said Ricardo. Cylindrical surface of internal combustion engines. 2,320,830; June 1.
- Ricards, Charles L., South Plainfield, assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Web tensioning for web splicing machines. 2,326,680; Aug. 10.
- Riccardi, Peter, Los Angeles, Calif. Umbilical clip. 2,307,377; Jan. 5.
- Ricci, Secondo, Mishiawaka, Ind. Bridge construction. 2,330,146; Sept. 21.
- Ricciardi, Matthew C., Dover, N. J. Fuse assembling machine. 2,332,355; July 6.
- Riccobono, Sebastian. (See Pray, G. E., and Riccobono.)
- Rice & Adams Corporation. (See Ailing, E. R., and (Ulrich, assignor).)
- Rice, Benjamin H., Los Angeles, Calif. Hole plugger for ships and the like. 2,321,515; June 8.
- Rice, Edward E., trustee. (See Johnson, Melvin M., Jr.)
- Rice, Francis O., Baltimore, Md., assignor, by mesne assignments, to Process Management Company, Inc., Wilmington, Del. Decomposing organic materials. 2,313,092; Mar. 9.
- Rice, Frank E., Detroit, Mich., deceased, N. E. Rice, administrator. Direct draw faucet assembly. 2,331,729; Oct. 12.
- Rice, Harry B., assignor to Mission Rubber Company, Houston, Tex. Sifter. 2,335,084; Nov. 23.
- Rice, Harry T. (See Lieber, E., and Rice.)
- Rice, John V., Jr., Philadelphia, Pa. Cartridge. 2,326,393; Aug. 10.
- Rice, Loyd B., et al. (See Ross, Charles, assignor.)
- Rice, Nelson E., administrator. (See Rice, Frank E.)
- Rice, Owen, and G. B. Hatch, assignors to Hall Laboratories, Inc., Pittsburgh, Pa. Retarding the corrosion of metal by water. 2,337,856; Dec. 28.
- Rice, Percy F., Tustin, Calif., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Control means for radio apparatus. 2,316,365; Apr. 13.
- Rice, Philip K., Kenmore, N. Y., assignor to The Linde Air Products Company. Process of and apparatus for separating gas mixtures. 2,327,459; Aug. 24.
- Rice-Stix Dry Goods Company. (See Jansson, Rhoda, assignor.)
- Rice, Walter A. (See Wadely, H. E., Matthews and Rice.)
- Rice, William, Aidan, Pa. Electrode holder. 2,327,290; Aug. 17.
- Rich, Charles A., assignor to Morgan Construction Company, Worcester, Mass. Roll neck bearing. 2,328,676; Sept. 7.
- Rich, Edward D., Tacoma, Wash. Imparting greaseproof characteristics to paper. 2,317,696; Apr. 27.
- Rich, Frank D., Stamford, Conn. Lavatory fixture. 2,324,725; July 20.
- Rich, J. (See General, Clarence O., assignor.)
- Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Galvanometer. 2,326,252; Aug. 10.
- Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Making electric coils. 2,334,584; Nov. 16.
- Richard, Charles D. (See Robert, J. G., and Richard.)
- Richard, Charles D., West New Brighton, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic wave filter panel. 2,308,827; Jan. 19.
- Richard, Edgar, Lacolle, Quebec, Canada. Fluid discharging apparatus. 2,335,445; Nov. 30.
- Richard, Grant M., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,310,493; Feb. 9.
- Richard, Joseph O., Detroit, Mich. Pressed sheet metal hook and forming same. 2,327,669; Aug. 24.
- Richard, Paul A., Clichy, France; vested in the Alien Property Custodian. Fuselage of aircrafts. 2,316,622; Apr. 13.
- Richards, Alfred E., and M. Roberts, Leicester, England, assignors to United Shoe Machinery Corporation, Boston, Mass. Nailing machine. 2,310,493; Feb. 9.
- Richards, Alfred E., and M. Roberts, Leicester, England, assignors to United Shoe Machinery Corporation, Boston, Mass. Nailing machine. 2,326,887; Aug. 17.
- Richards, Arthur J. (See Sherer, J. S., Jr., and Richards.)
- Richards, Boggs & King, Inc. (See Boggs, Henry R., assignor.)
- Richards, Boggs & King, Inc. (See Frost, Bernard J., assignor.)
- Richards, Cecil C., West New York, assignor to Groov-Pin Corporation, Union City, N. J. Screw rolling die. 2,336,190; Dec. 7.
- Richards, Clement E., Muncie, Ind. Vise. 2,330,382; Sept. 28.
- Richards, Edward A., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Battery charging equipment. 2,311,574; Feb. 16.
- Richards, Edward A., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Arrangement for charging secondary electric batteries. 2,334,289; Nov. 16.
- Richards, Edward A., and L. J. Ellison, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Selenium rectifier. 2,314,104; Mar. 16.
- Richards, Edward A., and L. J. Ellison, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Metal rectifier assembly. 2,336,889; Dec. 14.
- Richards, Frederick G., New York, N. Y. Mask for dimming light sources. 2,332,470; Oct. 19.
- Richards, H. A., assignor of one-half to M. A. Sayles, Wichita, Kans. Coupling pin. 2,334,034; Nov. 9.
- Richards, Kenneth W., Packanack Lake, N. J., assignor to American Telephone and Telegraph Company. Apparatus for reducing bias in telegraph signals. 2,337,929; Dec. 28.
- Richards, Leo D. (See Jones, J. L., and Richards.)
- Richards, Oscar W., Snyder, assignor to Spencer Lens Company, Buffalo, N. Y. Colony counting apparatus. 2,332,668; Oct. 26.

- Richards, Philip, Fresno, Calif. Portable folding hoist. 2,315,873; Apr. 6.
- Richards, Philip S., Summit, N. J., assignor to Radio Corporation of America. Deflection generator. 2,329,137; Sept. 7.
- Richards, Ralph N., assignor to W. R. Richards, Kalamazoo, Mich. Clutch mechanism. 2,313,361; Mar. 9.
- Richards, Robert W., Denver, Colo. Cooling system for buildings. 2,307,422; Jan. 5.
- Richards-Wilcox Manufacturing Company. (See Hassler, Paul M., assignor.)
- Richards-Wilcox Manufacturing Company. (See Phillips, Ellis J. G., assignor.)
- Richards, William. (See Howard, H. F., and Richards.)
- Richards, William H., Dayton, Ohio. Film dryer. 2,323,934; July 13.
- Richards, William H., Dayton, Ohio. Hot-air heater. 2,328,630; Aug. 31.
- Richards, William M., Chicago, Ill. Carton. 2,329,297; Sept. 14.
- Richards, Wilma R. (See Richards, Ralph N., assignor.)
- Richardson, Annie M. (See Richardson, Sidney and A. M.)
- Richardson, Avery G. (See Bastianes, H. G., and Richardson.)
- Richardson, Charles D., Alexandria, Ind., assignor to National Gypsum Company, Buffalo, N. Y. Method of and apparatus for blowing mineral wool. 2,315,733; Apr. 6.
- Richardson, Charles D., and D. W. Burnett, Alexandria, Ind., assignors to National Gypsum Company, Buffalo, N. Y. Apparatus for and method of producing mineral wool. 2,311,870; Feb. 23.
- Richardson, Chester N., Youngstown, assignor to The Matheson Alkali Works, Inc., New York, N. Y. Mercury cathode cell. 2,334,354; Nov. 16.
- Richardson Company, The. (See Dillehay, Edward R., assignor.)
- Richardson Company, The. (See Keller, Charles L., assignor.)
- Richardson Company, The. (See Millenaar, Richard, assignor.)
- Richardson Company, The. (See Neely, Glen W., assignor.)
- Richardson Company, The. (See Rieser, Oliver O., assignor.)
- Richardson Company, The. (See Shank, McConnell, assignors.)
- Richardson, Donald E. (See Anderson, C. G., and Richardson.)
- Richardson, Douglas J., et al. (See Bowker, Ervin, assignor.)
- Richardson, Edward A., Bethlehem, Pa. Method and apparatus for controlling combustion. 2,311,350; Feb. 16.
- Richardson, Elmer C., Los Angeles, Calif., assignor to Mole-Richardson Co. Spot lamp. 2,307,301; Jan. 5.
- Richardson, Elmer C., assignor to Mole-Richardson Co., Los Angeles, Calif. Lamp house. 2,307,302; Jan. 5.
- Richardson, Elmer C., Turtle Lake, Wis. Weedless fish lure. 2,332,400; Oct. 19.
- Richardson, Frederick P., Kilkittat, Wash. Wrench. 2,316,455; Apr. 13.
- Richardson, Harrison L. (See Kearney, N. L., and Richardson.)
- Richardson, Henry K. (See Gustin, D. S., and Richardson.)
- Richardson, Henry K., Bloomfield, and L. D. Morand, Clifton, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for forming glass with conducting means molded in place. 2,315,292; Mar. 30.
- Richardson, Irving, Newark, N. J. Lock nut. 2,326,681; Aug. 10.
- Richardson, John, assignor to Modern Equipment Company, Port Washington, Wis. Cupola charger. 2,333,042; Oct. 26.
- Richardson, John, assignor to Modern Equipment Company, Port Washington, Wis. Overhead bucket carrying device. 2,335,446; Nov. 30.
- Richardson, Olan, Homewood, J. R. Caldwell, and W. A. Gussner, Birmingham, Ala., assignors to Southern States Equipment Corporation. Electric switch. 2,323,241; June 29.
- Richardson, Paul E. (See Alexander, Samuel T., assignor.)
- Richardson, Rodney G., Chicago, Ill. Shooting gallery. 2,307,958; Jan. 12.
- Richardson Scale Company. (See Clifford, John P., assignor.)
- Richardson, Seale and A. M., Los Angeles, Calif. Dry shaver. 2,307,303; Jan. 5.
- Richardson, Sidney, Hollywood, and P. N. Hopkins, Burbank, Calif. Combination stereoscopic pictures and viewing device. 2,322,393; June 22.
- Richardson Taylor-Globe Corporation, The. (See Marx, Frank A., assignor.)
- Richardson, William. (See Shepherd, T. L., and Richardson.)
- Riche, Arthur L., Freeport, Ill. Water softener. 2,315,223; Mar. 30.
- Riche, Arthur L., assignor to Micro Switch Corporation, Freeport, Ill. Control apparatus. 2,313,969; Mar. 16.
- Richer, Paul. (See Reid, J. V., and Richer.)
- Riches, Harry G. G., Singapore, Straits Settlements, assignor to Shaw Darby & Company Limited. Concrete pile and sinking it. 2,332,168; Oct. 19.
- Riches, James G., Alhambra, Calif. Combined safety joint and jar. 2,326,304; Aug. 10.
- Richfield Oil Corporation. (See Beissinger, Victor J., assignor.)
- Richfield Oil Corporation. (See Craig, Wallace A., assignor.)
- Richfield Oil Corporation. (See Gardner, Robert I., assignor.)
- Richfield Oil Corporation. (See Graham, William, assignor.)
- Richfield Oil Corporation. (See Porter, J. L., and Funk, assignors.)
- Richier, Charles. (See Eastman, Du Bois, and Richier.)
- Richmond, Bruce D., Steubenville, Ohio. Cistern construction. 2,324,878; July 20.
- Richmond, George O., assignor to Gleason Works, Rochester, N. Y. Apparatus for testing gears. 2,318,970; May 11.
- Richmond, Louis E., assignor to The Autocall Company, Shelby, Ohio. Relay. 2,312,485; Mar. 2.
- Richmond Manufacturing Company. (See Ceeka, Methodius M., assignor.)
- Richmond, Ralph W., Kennewick, Wash. Dirtproof bearing. 2,318,097; May 4.
- Richmond Screw Anchor Company. (See Schenk, Tamis C., assignor.)
- Richmond, William E., Kenilworth, and A. D. Ames, Gardesburg, assignors to Automatic Canteen Company of America, Chicago, Ill. Cooling system for beverage vending machines. 2,317,430; Apr. 27.
- Richter, Frank H., Cincinnati, Ohio. Toy. 2,334,290; Nov. 16.
- Richter, Henry J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing alkylidene derivatives of alpha-methylene monocarboxylic acids. 2,312,193; Feb. 23.
- Richter, Henry, J. Wahlbeck, Kankakee, and L. S. Klein, assignors to Paramount Textile Machinery Co., Chicago, Ill. Machine for marking textile and other articles. 2,323,843; July 6.
- Richter, Kurt, Berlin, Germany; vested in the Alien Property Custodian. Current regulating resistance. 2,317,805; Apr. 27.
- Richter, Richard, Oberlungwitz, Saxony, Germany; vested in the Alien Property Custodian. Production of stockings from reinforced warp fabric. 2,308,231; Jan. 12.
- Rickenbacher, Robert J., Columbus, Ohio, assignor to The Kilgore Manufacturing Company, Westerville, Ohio. Grip. 2,308,627; Jan. 19.
- Rickenbacher, Robert J., Columbus, assignor to The Kilgore Mfg. Company, Westerville, Ohio. Making bobbin. 2,333,240; Nov. 2.
- Rickenbacher, Robert J., Columbus, assignor to The Kilgore Mfg. Company, Westerville, Ohio. Bobbin. 2,337,770; Dec. 28.
- Rickenmann, Alfred, Zurich, Switzerland; vested in the Alien Property Custodian. Device for forming annular grooves. June 8.
- Rickenmann, Alfred, Zurich, Switzerland; vested in the Alien Property Custodian. Machine to produce spiral grooves. 2,330,921; Oct. 5.
- Ricker, John B., Memphis, Tenn. Delinter. 2,310,598; Feb. 9.
- Ricker, John B., Memphis, Tenn. Delinter. 2,331,423; Oct. 12.
- Rickert, Hans-Ferdinand. (See Alder, K., and Rickert.)
- Rickett, Harold N. (See Berger, R., and Rickett.)
- Rickett, Henry A., Riverside, R. I., assignor to Socony Vacuum Oil Company, Incorporated, New York, N. Y. Control method and apparatus. 2,323,876; July 6.
- Rickmeyer, Ernst W., Elmhurst, assignor to Jefferson Electric Company, Bellwood, Ill. Control device. 2,307,731; Jan. 5.
- Rickmeyer, Ernst W., Elmhurst, assignor to Jefferson Electric Company, Bellwood, Ill. System and apparatus for the control of illuminating devices. 2,307,959; Jan. 12.
- Rickmeyer, Ernst W., Elmhurst, and M. B. Grout, Chicago, assignors to Jefferson Electric Company, Bellwood, Ill. Control device. 2,332,471; Oct. 19.
- Rickus, George M., assignor to Hat Corporation of America, Norwalk, Conn. Fabric, hat and making the same. 2,322,255; June 22.
- Rickus, George M., and W. L. Braun, assignors to Hat Corporation of America, Norwalk, Conn. Hat and making the same. 2,322,254; June 22.
- Rickus, George M., W. L. Braun, and S. G. Hoffman, assignors to Hat Corporation of America, Norwalk, Conn. Dyeing panama hats. 2,322,968; June 29.
- Rico, Richard, Byers, Colo. Bean harvester. 2,325,879; Aug. 3.
- Rie-wil Company, The. (See Gottwald, C., and McLeish, assignors.)
- Ridbo Laboratories, Inc. (See Auer, László, assignor.)
- Ridbo Laboratories, Inc. (See Ridgway, Eric O., assignor.)
- Riddell, John T., Evanston, Ill. Inflated ball and making same. 2,317,939; Apr. 27.
- Riddell, Joseph M., Minneapolis, Minn. Shaft sinking apparatus. 2,326,172; Aug. 10.

- Riddell, Leo H., Saint Vincent de Paul, assignor of twenty per cent to G. J. Turner, Montreal, Quebec, Canada. Goggles. 2,333,198; Nov. 2.
- Riddell, William A. (See Green, N. B., and Riddell.)
- Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Automatic shutter. 2,316,020; Apr. 6.
- Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Photoflash synchronizing apparatus. 2,319,086; May 11.
- Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic shutter. 2,333,820; Nov. 2.
- Ridlington, Frederick W., and F. E. Finlayson, Ontario, Calif., assignors to General Electric Company. Pressing iron. 2,322,593; June 22.
- Riddle, Frank H., Detroit, Mich., assignor, by mesne assignments, to Champion Spark Plug Company, Toledo, Ohio. Spark plug insulator. 2,337,930; Dec. 28.
- Riddle, William J., Pittsburgh, Pa., assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Multiple cylinder press. 2,309,983; Feb. 2.
- Rideout, Arthur J. S., Poughkeepsie, N. Y. Handcart step or curb jack. 2,337,683; Dec. 28.
- Rideout, Theodore R., Glenshaw, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Trolley pole head. 2,326,065; Aug. 3.
- Rider, John F., New York, N. Y. Multisection book. 2,308,628; Jan. 19.
- Rider, Harry N., Youngstown, Ohio. Acoustical device. 2,337,839; Dec. 28.
- Rider, Theodore H., Hinsdale, assignor to The Pepsi-Cola Co., Chicago, Ill. Brush. 2,317,485; Apr. 27.
- Ridge, Herman De Witt, Mount Vernon, N. Y. Spotlight indicator. 2,333,492; Nov. 2.
- Ridge, Raymond J. (See Breckenridge, F., and Ridge.)
- Ridge Tool Company, The. (See Wright, Clyde E., assignor.)
- Ridgway, Charles M. (See Maschwitz, P. A., and Ridgway.)
- Ridgway, Charles M., Highland Park, assignor to The Pure Oil Company, Chicago, Ill. Method and apparatus for fractionating vapor-liquid mixtures. 2,338,010; Dec. 28.
- Ridgway, Eric O., Upper Montclair, assignor to Riddo Laboratories, Inc., Nutley, N. J. Treating cellulosic material. 2,315,515; Apr. 6.
- Ridgway, Raymond K., Niagara Falls, N. Y., assignor to Norton Company, Worcester, Mass. Lightning arrester. 2,329,085; Sept. 7.
- Ridgway, William F., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Tracer control mechanism for machine tools. 2,334,956; Nov. 23.
- Ridings, Garvice H. (See Wise, R. J., and Ridings.)
- Ridings, Garvice H., Summit, and R. J. Wise, Dunellen, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Automatic facsimile system. 2,333,272; Nov. 2.
- Ridner, George S., Jr. (See Ridner, George S., Sr., and George S., Jr.)
- Ridner, George S., Sr., and G. S. Ridner, Jr., Newark, N. J. Nonrefillable bottle. 2,308,828; Jan. 19.
- Rieber, Frank, Los Angeles, Calif. Method and apparatus for testing lubricating oils. 2,337,414; Dec. 21.
- Rieber, Frank, Los Angeles, Calif., assignor to Memovox, Incorporated, Cleveland, Ohio. Sound record carrier. 2,310,545; Feb. 9.
- Rieber, Frank, Los Angeles, assignor to Memovox, Inc., Beverly Hills, Calif. Phonograph apparatus. 2,318,098; May 4.
- Riedel, Ferdinand. (See Decker, G., and Riedel.)
- Riedi, Arnold T., Dubuque, Iowa. Fish net mounting. 2,314,633; Mar. 23.
- Riegel, Byron, and P. G. Smith, Evanston, assignors to Abbott Laboratories, North Chicago, Ill. Glycosides of 2-alkyl-1,4-naphtho-hydroquinone. 2,336,890; Dec. 14.
- Riegel, Roy E. (See Dale, James F., assignor.)
- Rieger, Ernest W., C. J. Klein, and P. R. Church, Weirton, W. Va. Piling bar. 2,332,812; Oct. 26.
- Riegler, Riewen, Buffalo, assignor to Allied Chemical & Ice Corporation, New York, N. Y. Manufacture of sulphonated detergents. 2,330,922; Oct. 5.
- Riehl, John J., Cleveland, Ohio. Type tie-up. 2,310,709; Feb. 9.
- Riemenschneider, Edmund W., assignor to The Union Metal Manufacturing Company, Canton, Ohio. Tube corrugating apparatus. 2,324,026; July 13.
- Riemenschneider, Ernest, Jackson, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Welding apparatus. 2,317,221; Apr. 20.
- Rienland, Lawrence S., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air translating apparatus. 2,325,425; July 27.
- Rienstra, Albert R., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Key action mechanism. 2,309,537; Jan. 26.
- Rienstra, Albert R., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric organ keying system. 2,319,087; May 11.
- Rienstra, Albert R., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric organ system. 2,323,242; June 29.
- Riepen, Clare A., Englewood, Colo. Pajamas. 2,311,871; Feb. 23.
- Rieper, Claude D., Deepdene, Victoria, Australia. Attachment for milling machines to facilitate precision reproduction or duplication of articles or templates. 2,310,373; Feb. 9.
- Riepling, Herbert G. (See Becker, C. F., and Riepling.)
- Ries, Herman J., New York, assignor to P. W. Valentine, Brooklyn, N. Y. Luggage. 2,316,716; Apr. 13.
- Ries, Herman J., New York, assignor to P. W. Valentine, Brooklyn, N. Y. Luggage. 2,316,717; Apr. 13.
- Ries, Park J., Los Angeles, Calif. Instrument mounting device. 2,318,633; May 11.
- Riesen, Schiller R., Ponca City, Okla., assignor of 70 per cent to A. V. Masterson, Belleville, Kans., and 10 per cent to J. G. Schreckengast, Ponca City, Okla. Traction increasing device. 2,312,486; Mar. 2.
- Riesenberger, Austin G., Rockville Centre, assignor to Wetter Numbering Machine Co., Brooklyn, N. Y. Numbering machine. 2,315,081; Mar. 30.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Electrolyte control device. 2,308,829; Jan. 19.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Nonoverflow device with centering means. 2,308,830; Jan. 19.
- Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Electrolyte control device. 2,319,158; Mar. 11.
- Rieser, Oliver O., Oak Park, assignor to The Richardson Company, Lockland, Ohio. Manufacture of storage battery cell covers having nonoverflow devices. 2,336,423; Dec. 7.
- Riesing, Ellwood F., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Motor mounting. 2,308,962; Jan. 19.
- Riesing, Ellwood F., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Bushing. 2,308,965; Jan. 19.
- Riesing, Ellwood F., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient mounting. 2,308,969; Jan. 19.
- Riesing, Ellwood F., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient support for pipes and the like. 2,324,992; July 20.
- Riester, Oskar. (See Kumet, K., and Riester.)
- Riester, Oskar, Dessau, and G. Wilmanns, Wolfen, Kreis Bitterfeld, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Water-soluble nitrogen-containing heterocyclic compound. 2,326,497; Aug. 10.
- Riester, Oskar, Dessau-Haldeburg, Germany; vested in the Alien Property Custodian. Sensitization of photographic emulsions. 2,320,654; June 1.
- Rieter, Joseph E. H. (See Hoekstra, J., and Rieter.)
- Riethof, George, Mount Lebanon, assignor to Pittsburgh Coke & Iron Company, Pittsburgh, Pa. Lutidine compounds. 2,325,880; Aug. 3.
- Rietz, Carl A., San Francisco, Calif. Disintegrating apparatus. 2,325,426; July 27.
- Rietz, Carl A., San Francisco, Calif. Magnetic apparatus for removing tramp iron. 2,330,995; Oct. 5.
- Rietz, Edward L., Riverside, Ill., assignor to International Harvester Company, Wheel. 2,332,754; Oct. 26.
- Rietz, Edward L., Riverside, Ill., assignor to International Harvester Company. Draft device. 2,334,957; Nov. 23.
- Rietzke, August, Gordons Corners, assignor, by mesne assignments, to Bow Arch Corporation, Mercer County, N. J. Marine propulsion. 2,314,370; Mar. 23.
- Rieves, Marshal H. (See Schmidt, W. B., Morse, and Rieves.)
- Rife, William C., Toledo, Ohio. Window cowl. 2,325,276; July 27.
- Rigaldi, Joseph R., Westerleigh, N. Y. Fishing lure. 2,330,517; Sept. 28.
- Rigby, Edward F., Detroit, and Carroll E. Leedy, Birmingham, Mich. Sound recording apparatus. 2,326,564; Aug. 10.
- Rigby, George W. (See Howk, B. W., and Rigby.)
- Rigby, George W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azocyclic compound. 2,333,493; Nov. 2.
- Rigby, Thomas S., Coconut Grove, Fla., assignor, by mesne assignments, to Waterbury Button Company, Syphon. 2,325,920; Aug. 3.
- Rigman, Harry F., Kenmore, N. Y. Container. 2,321,857; June 15.
- Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Vehicle door latch. 2,315,815; Apr. 6.
- Rigoulot, Ulysses C., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Glare shield mounting. 2,328,266; Aug. 31.
- Rigterink, Merle D., Forest Hills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Steatite type ceramic material. 2,313,842; Mar. 16.
- Rigterink, Merle D., Forest Hills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ceramic material. 2,332,343; Oct. 19.
- Riley, Elizabeth F. (See McEwen, E. T., and Riley.)
- Riley, Lynn G., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,223,726; July 6.
- Riley Stoker Corporation. (See Craig, Ollison, assignor.)

- Riley Stoker Corporation. (See Johnson, Oscar A., assignor.)
- Riley Stoker Corporation. (See Rehm, Gustav A., assignor.)
- Riley, Valjean. (See Gilmore, James E., assignor.)
- Rimington, Elton H., Beverly, Mass. Ophthalmic mounting. 2,324,273; July 13.
- Rinck, Franklin E., La Grange, and J. W. Scott, Downers Grove, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Wire. 2,313,584; Mar. 9.
- Rindfleisch, Arthur G., Chicago, Ill., assignor to Rocil Corporation, Pittsburgh, Pa. Airplane propeller and actuating mechanism therefor. 2,320,195; May 25.
- Rinehart, Chas. A., assignor to Industrial Patents Corporation, Chicago, Ill. Casing treatment. 2,314,313; Mar. 16.
- Rinehart, Philip C. and O. Talbott, Portland, Oreg. Advertising device for blades. 2,311,966; Feb. 23.
- Riney, Arthur H., and L. J. Weber, Bartlesville, Okla., assignors to Phillips Petroleum Company. Pipe line cleaner. 2,315,133; Mar. 30.
- Ring Balance Instrument Company. (See Yetter, Otto, assignor.)
- Ring, Harold H. (See Pellegrini, E. D., and Ring.)
- Ring, Harold H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Handle for ranges. 2,329,298; Sept. 14.
- Ring, Harold H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Oven flue deflector for gas ranges. 2,329,833; Sept. 21.
- Ring, Harold H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Lift cover for domestic ranges. 2,333,199; Nov. 2.
- Ring, Joseph J. (See Nichols, B. R., and Ring.)
- Ring, Joseph J., Wauwatosa, and B. R. Nichols, Elm Grove, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Governing system. 2,310,994; Feb. 10.
- Ring, Joseph J., Wauwatosa, and B. R. Nichols, Elm Grove, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Governing system. 2,331,507; Oct. 12.
- Ring, Vern O., assignor to Turco Products, Inc., Los Angeles, Calif. Dispenser. 2,312,730; Mar. 2.
- Ringel, Charles. (See Smith, B., and Ringel.)
- Ringer, Arthur, Paola, Kans. Stereographic printer. 2,333,359; Nov. 2.
- Ringer, Arthur, and O. C. Lowe, Paola, Kans., said Lowe, assignor to said Ringer. Stereoscopic camera. 2,328,077; Sept. 7.
- Ringer, Luther, Berrien Springs, assignor to Nineteen Hundred Corporation, St. Joseph, Mich. Ironer. 2,318,422; May 4.
- Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Collapsible box. 2,307,720; Jan. 5.
- Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Tray display and container. 2,314,424; Mar. 23.
- Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Carton. 2,314,951; Mar. 30.
- Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Radio tube carton. 2,320,396; June 1.
- Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Loose-leaf folder. 2,329,786; Sept. 21.
- Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Gable top carton. 2,333,123; Nov. 2.
- Ringler, William A., Wayne, Pa., assignor to The Gardner-Richardson Company, Middletown, Ohio. Bottle carrier. 2,335,197; Nov. 23.
- Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Sliding closure for bellows or gable top boxes. 2,336,503; Dec. 14.
- Ringrose, Joseph E., Redmond, Oreg. Poultry wing feather stripper. 2,313,770; Mar. 16.
- Rinzgell, Arthur, Chicago, Ill. Workpiece supporting cradle. 2,334,127; Nov. 9.
- Rinia, Herre. (See Horowitz, A., and Rinia.)
- Rinia, Herre, Eindhoven, Netherlands; vested in the Alien Property Custodian. Optical element. 2,332,930; Oct. 26.
- Rinke, Heinrich. (See Hopff, H. Rapp, and Rinke.)
- Rinnman, Harry, St. Charles, assignor to Lindsay Light & Chemical Company, West Chicago, Ill. Mantle support. 2,311,253; Feb. 16.
- Rintamaki, George M., Newberry, and L. H. Powis, Lansing, Mich. Snowshoe sandal. 2,323,935; July 13.
- Rintelman, William L. (See Wuertz, A. J., Lulek, and Rintelman.)
- Rintelman, William L., Glassboro, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye-stuffs of the anthraquinone series. 2,335,698; Nov. 30.
- Riordan, Albert O. (See Steadman, R. P., and Riordan.)
- Ripley, Charles T., and W. M. Gibbs, assignors to Spring Packing Corporation, Chicago, Ill. Spring-filled packing. 2,320,706; June 1.
- Ripley, Walter L., assignor to Draperies, Incorporated, Strasburg, Va. Catafalque. 2,326,565; Aug. 10.
- Ripper, Kurt E., Bronxville, assignor to American Cyanamid Company, New York, N. Y. Asbestos yarn. 2,318,500; Mar. 4.
- Ripper, Kurt E., Bronxville, assignor to American Cyanamid Company, New York, N. Y. Porous Xerogel. 2,327,968; Aug. 24.
- Ripper, Kurt E., Bronxville, assignor to American Cyanamid Company, New York, N. Y. Dicyandiamide-formaldehyde reaction products. 2,333,390; Nov. 2.
- Ripper, Kurt E., Bronxville, assignor to American Cyanamid Company, New York, N. Y. Explosive. 2,334,149; Nov. 9.
- Ripper, Kurt E., Bronxville, assignor to American Cyanamid Company, New York, N. Y. Polymerizable and polymerized dicyandiamide-formaldehyde complexes. 2,336,370; Oct. 7.
- Rippingille, Edward V., assignor to General Motors Corporation, Detroit, Mich. Air bog. 2,316,021; Apr. 6.
- Rippingille, Edward V., assignor to General Motors Corporation, Detroit, Mich. Propeller hub and rudder post construction. 2,316,022; Apr. 6.
- Rippingille, Edward V., assignor to General Motors Corporation, Detroit, Mich. Clutch mechanism. 2,319,366; May 18.
- Rippl, Charles H., assignor to The Clark Controller Company, Cleveland, Ohio. Periodically operating electric switch. 2,320,655; June 1.
- Rippl, Francis J., Cleveland, and E. B. Isaac, Cleveland Heights, Ohio, assignors to General Electric Company. Strip or ribbon making method and apparatus. 2,332,230; Oct. 7.
- Risch, Arthur H., Wauwatosa, assignor to Pulp Reproduction Company, Milwaukee, Wis. Bottle package. 2,317,554; Apr. 27.
- Risdon Manufacturing Company, The. (See Mitchell, August, assignor.)
- Risk, Thomas H., Highland Park, L. M. Henderson, Winnetka, and A. B. Wilder, assignors to The Pure Oil Company, Chicago, Ill. Motor fuel. 2,312,360; Mar. 2.
- Risley, Roger E., assignor to Dresser Manufacturing Company, Bradford, Pa. Saddle gasket. 2,316,974; Apr. 20.
- Risley, Roger E., assignor to Dresser Manufacturing Company, Bradford, Conn. Pipe clamp and method and apparatus for applying same. 2,328,031; Aug. 31.
- Risley, Roger E., assignor to Dresser Manufacturing Company, Bradford, Pa. Pipe clamp. 2,328,168; Aug. 31.
- Risser, Christian F., South Bend, Ind. Pressure signaling apparatus. 2,331,571; Oct. 12.
- Ritchey, Harold W. (See Carr, D. E., and Ritchey.)
- Ritchey, Harold W., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Producing lubricating material. 2,311,395; Feb. 16.
- Ritchey, Harold W., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Phosphonic acids. 2,311,306; Feb. 16.
- Ritchie, Bradford S., Norwood, assignor to R. W. E. Leach, Winchester, Mass. Water soluble adhesive. 2,319,883; May 25.
- Ritchie, Jesse H. (See Ritchie, William H., assignor.)
- Ritchie, John R., Minneapolis, Minn. Road roller structure. 2,314,601; Mar. 23.
- Ritchie, Patrick D. (See Kirkwood, I. W. A., and Ritchie.)
- Ritchie, Roy S., Plainfield, N. J., assignor to The Dow Chemical Company, Midland, Mich. Thermoplastic stiffener. 2,331,095; Oct. 5.
- Ritchie, Scott B., U. S. Army, Cootes Store, Va. Centrifugal casting mold. 2,320,395; June 1.
- Ritche, William H., Chicago, Ill., assignor of one-half to J. H. Ritchie, Pittsburgh, Pa. Automobile license plate. 2,326,566; Aug. 10.
- Ritter, Adolph P., Chicago, Ill. Flexible panel, door, or closure. 2,311,470; Feb. 16.
- Ritter, Alois A., assignor to Hartmann Trunk Company, Racine, Wis. Buckle. 2,314,246; Mar. 16.
- Ritter Company. (See Ruff, Louis J., assignor.)
- Ritter, Elizabeth G. (See France, J. D., and Ritter.)
- Ritter, Ferdinand T., Long Beach, Calif. Smoke dispenser for pipes. 2,323,243; June 29.
- Ritter, Friedbert, F. Rodis, and K. Weitendorf, Pleierstutz, Germany; vested in the Alien Property Custodian. Production of fertilizers. 2,337,498; Dec. 21.
- Ritter, John G., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fluid translating apparatus. 2,328,296; Aug. 31.
- Ritter, John J., Yonkers, N. Y., assignor to Standard Oil Development Company. Producing unsaturated alcohols. 2,325,027; Nov. 23.
- Ritter, Julius Jr., assignor to Hartmann Trunk Company, Racine, Wis. Wardrobe case cover stay device. 2,328,099; Aug. 31.
- Ritter, Julius Jr., assignor to Hartmann Trunk Company, Racine, Wis. Hand luggage construction. 2,328,100; Aug. 31.
- Ritter, Ludwig, The Hague, Netherlands, assignor to Albi Chemical Corporation, New York, N. Y. Impregnating agent for vegetable fibrous materials. 2,310,257; Feb. 9.
- Ritter, W. M., Lumber Company. (See Klammt, A., and Kretschmar, assignors.)
- Ritter, Walter T. (See Coy, D. W., and Ritter.)

- Ritz, John A., assignor, by mesne assignments, to Metal Carbides Corporation, Youngstown, Ohio. Making composite metal strips. 2,315,657; Apr. 6.
- Ritzert, Robert W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Printing interpreter. 2,311,471; Feb. 16.
- Ritzmann, Otto F., Aspinwall, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Apparatus for detecting and exhibiting explosions in wells. 2,308,390; Jan. 12.
- Ritz-Woller, Oliver C., Chicago, Ill. Support arm for mirrors. 2,319,557; May 18.
- Rivard, Alfred G. (See Marzo, Fernando C., assignor.)
- Rivard, Alfred G., Los Angeles, Calif., assignor of one-third to Fernando Marzo. Attachment for lunch boxes. 2,321,703; June 15.
- River Haisin Paper Company. (See Reaume, Lawrence W., assignor.)
- Riveroll, Eltego, Hermosa Beach, Calif. Recovering manganese from ore. 2,310,255; Feb. 9.
- Rivers, Calvin B., Chesterfield, S. C. Automatic draft controlling apparatus. 2,333,953; Nov. 9.
- Rivers, George M., Jr., Walterboro, S. C. Portable sawing machine. 2,330,996; Feb. 2.
- Rivers, Walter C. (See Phillips, H. P., and Rivers.)
- Riviere, Albert S., deceased, by J. F. Cahill, administrator de bonis non, assignor to Union Special Machine Company, Chicago, Ill. Covered seam and producing it. 2,332,931; Oct. 26.
- Riviere, Albert S., deceased, by J. F. Cahill, administrator de bonis non, assignor to Union Special Machine Company, Chicago, Ill. Thread control means. 2,332,932; Oct. 26.
- Rivoli Corset Co. Inc. (See Mayer, Edgar, assignor.)
- Rix, Edward G., assignor to American Perforator Company, Chicago, Ill. Perforating machine. 2,330,997; Oct. 5.
- Rizzolo, Donato R., Bloomfield, N. J. Wall panel mounting means. 2,312,673; Mar. 2.
- Roa, William J. (See Cassens, F. G., and Roa.)
- Roach, Edmund J., and E. F. Cooke, Jr., Beaumont, Tex. Well control head. 2,312,487; Mar. 2.
- Roach, Edmund J., and E. F. Cooke, Beaumont, Tex. Well control head. 2,315,134; Mar. 30.
- Roach, John, assignor of one-half to E. B. H. Tower, Jr., Milwaukee, Wis. Electric fence. 2,318,832; May 11.
- Roach, Mary L., Green Township, Hamilton County, Ohio. Repairing damaged spots in fabrics. 2,308,717; Jan. 19.
- Roach & Musser Company. (See Conway, Mark A., assignor.)
- Roach, Nathan, assignor to The Cleveland Brass Manufacturing Company, Cleveland, Ohio. Faucet. 2,310,599; Feb. 9.
- Roach, Vern S., Wichita, and R. A. Gray, Rock, assignors to H. H. Hurst, Wichita, Kans. Electric switch and control therefor. 2,322,732; June 22.
- Roan Mac Co. (See Cargenese, Arthur P., assignor.)
- Robb, Alexander R. (See Griffin, H. L., Robb, Titus, and Gebhardt.)
- Robb, Walter Y., Whitinsville, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Nose board for xylinster looms. 2,337,415; Dec. 21.
- Robb, William J., Brooklyn, N. Y. Valve and strainer construction. 2,332,114; Oct. 19.
- Robbins, Albert A., Berkeley, Calif. Grease proofing porous materials. 2,332,169; Oct. 19.
- Robbins, Charles F., and D. F. Putnam, assignors to Markem Machine Company, Keene, N. H. Marking machine. 2,308,107; Jan. 12.
- Robbins, Charles F., and D. F. Putnam, assignors to Markem Machine Company, Keene, N. H. Marking machine. 2,312,053; Feb. 23.
- Robbins, Charles F., and D. F. Putnam, assignors to Markem Machine Company, Keene, N. H. Marking machine. 2,317,940; Apr. 27.
- Robbins, Clyde F., Milwaukee, and E. W. Seeger, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Control device. 2,333,888; Nov. 9.
- Robbins, Geoffrey W. (See Mellett, D. S., and Robbins.)
- Robbins, George A., Hilliard Township, Knox County, Ohio. Autogovernor. 2,319,264; May 18.
- Robbins, Grover C., Blowing Rock, N. C. Chimney cap. 2,319,884; May 25.
- Robbins, Henry H., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,322,970; June 29.
- Robbins, Max B. (See Scriven, A. A., and Robbins.)
- Robbins & Weitz, Inc. (See Rosenkrantz, Joseph, assignor.)
- Röber, Consantin F., and A. Böttger, Dresden, Germany; vested in the Alien Property Custodian. Cigar and filler transfer device. 2,310,120; Feb. 2.
- Roberd Co., The. (See Abraham, Herbert, assignor.)
- Roberts, Arthur, Cleveland Heights, assignor to The Colonnade Company, Cleveland, Ohio. Valve construction. 2,335,085; Nov. 23.
- Roberts, Bruce, Los Angeles, Calif., assignor, by mesne assignments, to Radio Corporation of America. Portable phonograph. 2,318,183; May 4.
- Roberts, Charles W., East Milton, Mass., assignor to Locke Insulator Corporation, Baltimore, Md. Cable clamp. 2,315,082; Mar. 30.
- Roberts, Claudius H. M., Palos Verdes Estates, Calif., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Process and composition for treatment of emulsions. 2,319,885; May 25.
- Roberts, Clifford B., Joppa, assignor to The Glenn L. Martin Company, Middle River, Md. Energizer. 2,337,771; Dec. 28.
- Roberts, Dudley, assignor to Rubatex Products, Inc., New York, N. Y. Insulating construction element. 2,323,936; July 13.
- Roberts, Earle L., Modesto, Calif. Dehydrator. 2,321,858; June 15.
- Roberts, Elliott J. (See Kelley, E. M., Kivari, Kite, Roberts, and Sutherland.)
- Roberts, Floyd F., administrator. (See Roberts, Richard.)
- Roberts, Fred, and A. W. Bennett, Kansas City, Mo. Transmission of sound and conversation. 2,326,253; Aug. 10.
- Roberts, Frederick H. (See Murray, I. L., and Roberts.)
- Roberts, George I. (See Long, J. W., and Roberts.)
- Roberts, George I., Cresskill, and J. W. Long, Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Printing telegraph apparatus. 2,308,306; Jan. 12.
- Roberts, Gerald G., assignor to W. O'Neil, Akron, Ohio. Radio receiving device. 2,330,241; Sept. 28.
- Roberts, James D., trustee. (See Neal, Ernest C., assignor.)
- Roberts, John A., New York, N. Y. Theftproof closure. 2,313,266; Mar. 9.
- Roberts, John G., Dobbs Ferry, and C. D. Richard, West New Brighton, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone call transmitter. 2,314,801; Mar. 23.
- Roberts, Joseph K., Flossmoor, and M. T. Carpenter, assignors to Standard Oil Company, Chicago, Ill. Cracking hydrocarbon oil. 2,310,183; Feb. 2.
- Roberts, Joseph K., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Combination coking and catalytic cracking process. 2,310,317; Feb. 9.
- Roberts, Martin J. (See Freeman, R. D., and Roberts.)
- Roberts, Martin J., assignor to The Dow Chemical Company, Midland, Mich. Making solutions of aluminum cellulose glycolate. 2,331,859; Oct. 12.
- Roberts, Maurice. (See Richards, A. E., and Roberts.)
- Roberts, Ray B. (See Roberts, Richard, assignor.)
- Roberts, Richard, deceased, by F. L. Roberts, administrator, Cokeville, assignor to R. B. Roberts, Kemmerer, Wyo. Fish stop. 2,328,297; Aug. 31.
- Roberts, Richard G., Riverdale, assignor to Armour and Company, Chicago, Ill. Reaction of epinephrine with steroids and product thereof. 2,333,581; Nov. 2.
- Roberts, Robert M. (See Chickino, J., Roberts, and Burgin.)
- Roberts and Schaefer Company. (See Lawry, R. G., and Ore, assignors.)
- Roberts, Seward M., et al. (See Amesbury, E. M., Macormack, Roberts, and Sample.)
- Roberts, Siles M. (See McClary, R. F., and Roberts.)
- Roberts, Turney B., and B. E. Davenport, Memphis, Tex. Pickup attachment for harvesting implements. 2,313,670; Mar. 9.
- Roberts, Vernon L., assignor of one-half to R. H. Wann, Chicago, Ill. Sound record. 2,309,276; Jan. 26.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Ultra high frequency oscillator. 2,308,391; Jan. 12.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Power measuring device. 2,313,699; Mar. 9.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Transmitter. 2,313,700; Mar. 9.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Negative resistance device. 2,315,658; Apr. 6.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Loop antenna system. 2,316,623; Apr. 13.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Signalling system. 2,323,679; July 6.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Record reproducing control circuit. 2,334,510; Nov. 16.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Radio program sampler system. 2,335,540; Nov. 30.
- Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Modulation. 2,337,272; Dec. 21.
- Roberts, Willard A., Euclid, Ohio, assignor to General Electric Company. Fluorescent material. 2,312,265; Feb. 23.
- Roberts, Willard A., Euclid, Ohio, assignor to General Electric Company. Fluorescent material and making same. 2,312,266; Feb. 23.
- Roberts, Willard A., Euclid, Ohio, assignor to General Electric Company. Making fluorescent material. 2,312,267; Feb. 23.
- Roberts, Willard A., Euclid, Ohio, assignor to General Electric Company. Fluorescent material. 2,312,268; Feb. 23.

- Roberts, William T. Buckingham, Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Trimming machine. 2,318,099; May 4.
- Roberts, William T. B. Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe-supporting means for shoe machines. 2,336,035; Dec. 7.
- Robertshaw Thermostat Company. (See Eskin, Samuel G., assignor.)
- Robertshaw Thermostat Company. (See Eskin, S. G., and Strobel, assignor.)
- Robertshaw Thermostat Company. (See Newell, Robert E., assignor.)
- Robertshaw Thermostat Company. (See Weber, Victor, assignor.)
- Robertson, Alexander F., South Euclid, assignor to The Pipe Machinery Company, Cleveland, Ohio. Tool for cutting threads. 2,324,879; July 20.
- Robertson, Alfred C., assignor to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for studying the pollution of atmospheres. 2,310,571; Feb. 9.
- Robertson, Campbell, and A. J. Degrup, Westfield, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ceramic decorating composition. 2,310,745; Apr. 13.
- Robertson, Harold J., Tulsa, and T. G. Wishard, Sand Springs, Okla., assignors to Sinclair Refining Company, New York, N. Y. Emulsion. 2,318,714; May 11.
- Robertson, Isaac W., Los Angeles, Calif. Cataminal sac. 2,309,808; Feb. 2.
- Robertson, Jack D., Dallas, assignor of one-half to G. O. Paudler, Crosbyton, Tex. Tractor drawbar. 2,321,516; June 8.
- Robertson, John H., London, England. Heating system. 2,321,940; June 15.
- Robertson, John Z., El Paso, Tex. Container for commodities. 2,334,035; Nov. 9.
- Robertson, Milton S., Campbell, Calif. Apparatus for separating finely divided materials. 2,309,923; Feb. 2.
- Robertson, Milton S., Campbell, Calif. Recovery apparatus. 2,325,881; Aug. 3.
- Robertson, Oswald H., E. F. Miller, and E. Biggs. Sterilizing air. 2,333,124; Nov. 2.
- Robertson, Robert D., Santa Monica, Calif. Quick acting clamp. 2,322,471; June 22.
- Robertson, Robert R., Chicago, Ill. Dowel bar construction joint. 2,309,538; Jan. 26.
- Robertson, Robert R., Chicago, Ill. Road joint rope seal. 2,319,949; May 25.
- Robertson, William H., and W. E. Eiekman, assignors to The National Cash Register Company, Dayton, Ohio. Transfer mechanism. 2,330,450; Sept. 28.
- Robertson, William H., and E. R. Coe, assignors to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,332,755; Oct. 26.
- Robes, Ernest C., Jr., Ethna, assignor of one-half to F. P. Carr and E. C. Gordon, Jr., Lebanon, N. H. Convertible carrier equipment. 2,316,456; Apr. 13.
- Robeson, William S., Detroit, Mich. Self-adjusting brake. 2,327,819; Aug. 24.
- Robichaud, Gustave, Glens Falls, N. Y. Sneath. 2,324,230; July 13.
- Robie, Norman P., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive product. 2,321,422; June 8.
- Robie, Norman P., Lewiston, assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive product. 2,324,426; July 13.
- Robie, Norman P., Lewiston, assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive product. 2,324,427; July 13.
- Robie, Norman P., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive product and manufacturing the same. 2,327,218; Aug. 17.
- Robinette, Hillary, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Surface active agent. 2,317,555; Apr. 27.
- Robinette, Hillary, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Surface active agent and treating fibrous materials therewith. 2,320,707; June 1.
- Robinette, Hillary, Jr., Arlington, Mass., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Capillary active substances. 2,335,447; Nov. 30.
- Robinet, David H., New York, and A. Weil, Jamaica, N. Y. Fly trap. 2,318,634; May 11.
- Robins, Adolf, New York, N. Y. Mechanical display device. 2,320,302; May 25.
- Robins, Ben W. (See Schrader, H. J., Robins, and Brumbaugh.)
- Robins Conveying Belt Company. (See Robins, Samuel D., assignor.)
- Robins, Erford E. (See Parker, H. F., and Robins.)
- Robins, Erford E. (See Parker, H. F., Robins, and Gilbert.)
- Robins, Erford E., assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Securing cables to hoist drums. 2,329,943; Sept. 21.
- Robins, Samuel D., Hewlett, assignor to Robins Conveying Belt Company, Passaic, N. J. Training device for conveyor belts. 2,330,923; Oct. 5.
- Robins, Stanley J., assignor to Triton Precision Corporation, New York, N. Y. Gauge. 2,334,128; Nov. 9.
- Robinson, Albert P., near Seattle, Wash. Fireplace structure and damper. 2,312,000; Feb. 23.
- Robinson, Bester, United States Army, Oakland, Calif. Contraction band. 2,324,538; July 20.
- Robinson, Bester, U. S. Army, Oakland, Calif. Folding stove. 2,323,077; July 27.
- Robinson, Bester, United States Army, Oakland, Calif. Portable stove. 2,331,931; Oct. 19.
- Robinson, Bester, U. S. Army, and W. E. Breuner, Oakland, Calif. 2,326,802; Aug. 17.
- Robinson, Bryan S., Warren, Maine. Device for use in refinishng fulling mill rolls. 2,326,066; Aug. 3.
- Robinson, Charles A., Salem, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening distributor. 2,326,254; Aug. 10.
- Robinson, Claude L., assignor to Consolidated Instruments Corporation, Michigan City, Ind. Velocity measuring device. 2,310,546; Feb. 9.
- Robinson, David M., assignor to The Stanley Works, New Britain, Conn. Swing-up door counterbalancing means. 2,314,634; Mar. 23.
- Robinson, Edward A., Mount Lebanon, assignor to Diamond Alkali Company, Pittsburgh, Pa. Preparing a detergent composition. 2,333,443; Nov. 2.
- Robinson, Edward A., Mount Lebanon, assignor to Diamond Alkali Company, Pittsburgh, Pa. Preparing stable detergent compositions. 2,333,444; Nov. 2.
- Robinson, Edward K., Montreal, and J. Bagnall, Windsor Mills, Quebec, assignors to Canada Paper Company, Montreal, Quebec, Canada. Apparatus for the manufacture of handle attachments for paper bags. 2,332,530; Oct. 26.
- Robinson, Edwin A., Chatham, N. J., and T. G. Webber, Jr., Cambridge, Mass., assignors to National Oil Products Company, Harrison, N. J. Sulphonated amides and producing same. 2,329,080; Sept. 7.
- Robinson Engineering Corporation. (See Robinson, Walton S., assignor.)
- Robinson, Frederick W. (See Spence, L. U., Butterbaugh, and Robinson.)
- Robinson, Harold C., assignor to American Totalizer Company, Inc., Baltimore, Md. Totalizer system. 2,332,756; Oct. 26.
- Robinson, Harry D., Stratford, Conn., assignor to American Chain & Cable Company, New York, N. Y. Swaging machine. 2,309,357; Jan. 26.
- Robinson, Harry G., Stratford, Conn., assignor to American Chain & Cable Company, Inc., New York, N. Y. Work guide. 2,309,358; Jan. 26.
- Robinson, Herbert, et al. (See Krol, E., assignor.)
- Robinson, Holter D., and D. B. Steinman, New York, N. Y. Aerodynamically stable suspension bridge. 2,333,391; Nov. 2.
- Robinson, Homer B., Webb City, Okla., assignor to Phillips Petroleum Company. Automatic disconnecter apparatus. 2,320,051; May 25.
- Robinson, James. (See Herman, K. R., and Robinson.)
- Robinson, James, assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,307,544; Jan. 5.
- Robinson, James, assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,331,046; Oct. 5.
- Robinson, James A., Sault Ste. Marie, Mich. Ore pocket clearing means. 2,315,163; Mar. 30.
- Robinson, James M., New York, N. Y. Weighing device. 2,330,746; Sept. 28.
- Robinson, John A., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical circuit. 2,321,103; June 8.
- Robinson, John E., Glen Ellyn, Ill., assignor to American Can Company, New York, N. Y. Adhesive composition. 2,333,676; Nov. 9.
- Robinson, Joseph, Chicago, Ill. Winder implement. 2,311,575; Feb. 16.
- Robinson, Kyle I., Bolivar, and Lawrence R. Robinson, Zelencople, assignors to Pittsburgh Pipe Cleaner Company, Pittsburgh, Pa. Pipe cleaning cutter. 2,323,727; July 6.
- Robinson, Lawrence R. (See Robinson, Kyle I. and L. R.)
- Robinson, Mayer R. (See Lawler, Frank P., assignor.)
- Robinson, Mayes R., Burlingame, Calif., assignor, by mesne assignments, of one-third to C. H. Grant, San Francisco, Calif., one-third to P. P. Lawler, Chicago, Ill., and one-third to P. J. Tyler, Oroville, Calif. Winch. 2,337,772; Dec. 28.
- Robinson, Merrill P., Upper Montclair, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Water treating apparatus. 2,330,008; Sept. 21.
- Robinson, Milton E., Waukegan, and N. H. Swanson, Zion, Ill., assignors to American Can Company, New York, N. Y. Feed mechanism. 2,332,531; Oct. 26.
- Robinson, Preston, Williamstown, assignor to Sprague Specialties Co., North Adams, Mass. Electrical capacitor. 2,317,642; Apr. 27.
- Robinson, Ray J., Los Angeles, Calif. Illuminated sign. 2,310,600; Feb. 9.
- Robinson, Robert C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Self-excited synchronous machine. 2,333,582; Nov. 2.
- Robinson, Thomas R., Jr., New Haven, assignor to The High Standard Manufacturing Company, Incorporated, Hamden, Conn. Locking bolt actuating means for machine guns. 2,337,273; Dec. 21.

- Robinson, Van King, assignor of one-half to Randolph B. Delmore, 2,329,001; Sept. 7.
- Robinson, Walton S., Montclair, assignor to Robinson Engineering Corporation, Garwood, N. J. Pipe, pipe lining, and making same. 2,308,307; Jan. 12.
- Robinson, William H., Limestone, assignor to Wheeling Steel Corporation, Wheeling, W. Va. Container and closure structure. 2,337,622; Dec. 23.
- Robinson, William H., Schenectady, N. Y., and J. E. Anderson, Saugus, Mass., assignors to General Electric Company, Conveyor system. 2,308,027; Jan. 12.
- Robinson, William H., Schenectady, N. Y., and J. E. Anderson, Saugus, Mass., assignors to General Electric Company, Conveyor system. 2,320,797; June 1.
- Robinson, William W. (See Swingle, D. R., and Robinson.)
- Robinson, Willis A., Sr., Chattanooga, Tenn., assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Sheet handling mechanism. 2,310,995; Feb. 16.
- Robitschek, Jan. Chocen, Bohemia; vested in the Alien Property Custodian, Calculator. 2,313,021; Mar. 2.
- Robin, Richard O., Jr. (See Moore, W., and Robin.)
- Robin, Richard O., Jr., Old Greenwich, Conn., and J. P. English, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. 2-aminopyrimidines. 2,309,739; Feb. 2.
- Robin, Richard O., Jr., Stamford, and I. Hechenbleikner, Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparing disubstituted cyanamides. 2,311,281; Feb. 16.
- Robin, Richard O., Jr., and I. Hechenbleikner, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Nitrated bornyl phenols and preparing the same. 2,311,282; Feb. 16.
- Robin, Richard O., Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Dinitro alkyl phenols and preparing the same. 2,311,283; Feb. 16.
- Robin, Richard O., Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Softening rubber. 2,332,401; Oct. 19.
- Roblin, Richard O., Jr., Old Greenwich, and G. W. Anderson, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Hydroxylamino benzene sulphonamides. 2,333,445; Nov. 2.
- Robson, Aubrey H., Detroit, Mich. Apparatus for air conditioning. 2,322,469; June 22.
- Robson, Duer C. (See Barrans, W. T., Cole, Hannan, and Robson.)
- Robson, Hector Harris, Scarsdale, N. Y., assignor to United Fruit Company, Boston, Mass. Preserving perishables. 2,315,379; Mar. 30.
- Robson, James T., Richmond Heights, E. H. Watkins, Cleveland, and E. G. Zimmerman, Avon, assignors to Ferro Enamel Corporation, Cleveland, Ohio. Kiln structure. 2,325,572; July 27.
- Robson, William S., Leicester, England, assignor to United Shoe Machinery Corporation, Flemington, N. J. Heating shoe machine tools. 2,321,704; June 15.
- Roby, Frank H., Milwaukee, Wis., assignor to Square D Company, Detroit, Mich. Electric switch. 2,322,663; June 22.
- Roby, Frank H., Milwaukee, Wis., assignor to Square D Company, Detroit, Mich. Method and system for electric welding. 2,335,699; Nov. 30.
- Rocard, Yves. (See Bethenod, J., and Rocard.)
- Rocard, Yves, Paris, France; vested in the Alien Property Custodian, Magnetostriuctive microphone. 2,328,496; Aug. 31.
- Rocard, Yves A. (See Julien, M. F. A., and Rocard.)
- Roché-Oragan, Inc. (See Reichstein, Tadous, assignor.)
- Rochester Button Company. (See Gertzog, Irving and Louis, assignors.)
- Rochester Manufacturing Co. (See Connolly, William B., assignor.)
- Rochester Manufacturing Co. (See Ford, George E., assignor.)
- Rochester Manufacturing Co. (See Hastings, Clark L., assignor.)
- Rochester Manufacturing Co. (See Hastings, Warren H., assignor.)
- Rochester, Thomas W. (See La Guardia, F. H., Rochester, Barron, and Gibala.)
- Rochester, Thomas W., Tuckahoe, H. W. Barron, Laurelton, and J. T. Gibala, Little Neck, N. Y. Apparatus for handling explosives. 2,315,800; Apr. 6.
- Rochford, Edmund P., Kingston, J. Stuart, II, and K. Wassen, assignors to Hercules Powder Company, Wilmington, Del. Mixing machine. 2,312,444; Mar. 2.
- Rocke, William, South Bend, Ind. Hydrotherapy apparatus for feet. 2,336,127; Dec. 7.
- Rocker, William P., and J. B. Taylor, assignors to Southern Spring Bed Company, Atlanta, Ga. Bottle carrier. 2,333,954; Nov. 9.
- Rockford Machine Tool Company. (See Jackson, Paul S., assignor.)
- Rockford Metal Specialty Company. (See Smith, Albert A., assignor.)
- Rockhill, Roscoe R., Shorewood, assignor to Rex-O-Graph, Inc., Milwaukee, Wis. Rotary duplicator. Re. 22,406; Dec. 14.
- Rockmore, Charles L., Inc. (See Kassel, Robert A., assignor.)
- Rockne, Claire E., Napa, Calif. Welding rod connector. 2,316,890; Apr. 20.
- Rock-Ola Manufacturing Corporation. (See Clark, Jesse, assignor.)
- Rock-Ola Manufacturing Corporation. (See Dettie, Lawrence E., assignor.)
- Rock-Ola Manufacturing Corporation. (See Margulis, Morris J., assignor.)
- Rock-Ola Manufacturing Corporation. (See Rockola, David C., assignor.)
- Rockola, David C., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Indicating device. 2,318,526; May 4.
- Rocks, Hugh N., M. A. Hollengreen, and H. E. Balsiger, assignors to Landis Tool Company, Waynesboro, Pa. Multiple wheel grinding machine. 2,313,482; Mar. 9.
- Rockstroh, Frederick C., Minneapolis, Minn. Self-adjusting tappet. 2,320,385; June 1.
- Rockwell-Barnes Company. (See Buckland, E. M., Juttner, and Marchok, assignors.)
- Rockwell, Edward A., Forest Hills, N. Y., assignor to General Auto Parts Corporation, Booster system. 2,311,576; Feb. 16.
- Rockwell, Edward A., Forest Hills, N. Y., assignor to The New Britain Machine Company, New Britain, Conn. System for controlling the application of power. 2,331,800; Oct. 12.
- Rockwell, George E., Cincinnati, Ohio, assignor to Eli Lilly and Company, Indianapolis, Ind. Pollen antigen and preparing it. 2,321,043; June 8.
- Rockwell, Harvey W. (See Austin, E. W., and Rockwell.)
- Rockwell, Ralph A. (See Mason, C. E., and Rockwell.)
- Rockwood & Co. (See Jones, C. F., Clarke, and Zenlea, assignors.)
- Rockwood Sprinkler Company. (See Freeman, Howard G., assignor.)
- Rockwood Sprinkler Company. (See Freeman, H. G., and Hencinski, assignors.)
- Rockwood Sprinkler Company. (See Kendall, H. C., and Freeman, assignors.)
- Roquin, Elías L., New Orleans, La. Rake. 2,321,246; June 8.
- Rocuski, Edward, New York, N. Y. Game apparatus. 2,309,216; Jan. 26.
- Rod, Lester S., Dublin, Pa. Hookless fastener. 2,309,140; Jan. 26.
- Rod, Lester S., Dublin, Pa. Plinking machine. 2,325,634; Aug. 3.
- Rodal, Ralph, assignor to The National Automatic Tool Company, Richmond, Ind. Hydro pneumatic machine tool feed. 2,326,498; Aug. 10.
- Rodger, William, Youngstown, and J. H. Hopkins, Alliance, assignors of one-half to The Aetna Standard Engineering Company, Youngstown, and one-half to S. F. Keener, doing business as Salem Engineering Company, Salem, Ohio. Welding mill. 2,327,318; Aug. 17.
- Roddy, Fred M., Providence, R. I. Rotary cutting and grinding machine. 2,326,682; Aug. 10.
- Rode, Alfred B., Jr., Darien, Conn. Coin bank and blank for making the same. 2,337,931; Dec. 28.
- Rodeck, Armin, Sunnyside, Long Island, N. Y. Refrigerating device. 2,336,571; Dec. 14.
- Roder, Hans, Berlin, Germany; vested in the Alien Property Custodian, Amplifier. 2,312,194; Feb. 23.
- Roderick, Arthur J., assignor to Electro-Sharp Mfg. Co., Portland, Me. Method of and apparatus for sharpening electric razors and the like. 2,313,970; Mar. 16.
- Roderick, Howard F. (See Hughes, A. E., Browne, and Roderick.)
- Roderick, Howard F. (See Mericola, F. C., and Roderick.)
- Rodgers, Arthur L., Seagraves, assignor of one-half to Two States Drilling Company, Dallas, Tex. Weight indicator. 2,324,174; July 13.
- Rodgers, Diesels Corp. (See Rodgers, Edward T., assignor.)
- Rodgers, Edward T., assignor to Rodgers Diesels Corp., New York, N. Y. Internal combustion engine. 2,311,693; Feb. 23.
- Rodgers, Edward T., New York, N. Y., assignor, by mesne assignments, to M. M. O. Rodgers. Internal combustion engine. 2,331,801; Oct. 12.
- Rodgers, Herbert A. (See Mills, A., and Rodgers.)
- Rodgers Hydraulic Incorporated. (See Rodgers, James S., assignor.)
- Rodgers, James S., assignor to Rodgers Hydraulic Incorporated, St. Louis Park, Minn. Pressure applying apparatus. 2,315,816; Apr. 6.
- Rodgers, Karl F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable condenser. 2,312,932; Mar. 2.
- Rodgers, May M. O. (See Rodgers, Edward T., assignor.)
- Rodis, Franz. (See Ritter, F. Rodis, and Weitendorf.)
- Rodler, Waldo E., Davenport, Iowa. Locomotive. 2,307,857; Jan. 12.
- Rodrigues, Frank E., and D. Gianni, Byron, Calif. Combination refuse cutter and burner. 2,334,441; Nov. 16.
- Rodriguez, Emil, assignor to Jacoby-Bender, Inc., New York, N. Y. Safety cord clasp. 2,313,397; Mar. 9.
- Rodriguez, Joseph A., Houston, Tex. Mat. 2,320,052; May 25.

- Rodriguez, Joseph M., Brooklyn, N. Y. Scooter car chassis and truck. 2,330,147; Sept. 21.
- Rogers, Eric J. (See Haim, G., and Rogers.)
- Rogers, George L., Schenectady, N. Y., assignor to General Electric Company. Electric control circuit. 2,337,932; Dec. 28.
- Rogers, George L., Schenectady, N. Y., assignor to General Electric Company. Electric control circuit. 2,337,933; Dec. 28.
- Rogers, Martin E., and L. T. Mann, Seven Sisters, Tex. Sand bath. 2,331,631; Oct. 12.
- Rogers Products Co. (See Albertine, Herman, assignor.)
- Rogers, Thomas H. (See Mochlett, R. B., and Rogers.)
- Roth, Gilbert, Huntingdon, Pa., and Leroy Shuger, Baltimore, Md., marker and method. 2,330,843; Oct. 5.
- Roe, A. V., & Company Limited. (See Redrup, Charles B., assignor.)
- Roe, Charles C., assignor to Eugene F. Smith, Stockton, Calif. Tumbling machine. 2,329,196; May 25.
- Roe, Edward T. (See Stubbs, J. J., Lockwood, Roe, and Ward.)
- Roe, Homer D., North Hollywood, Calif., assignor to Pump Engineering Service Corporation, Cleveland, Ohio. Fuel feeding system. 2,333,075; Oct. 26.
- Roe, Howard A., assignor to The General Industries Company, Elyria, Ohio. Record changer mechanism for phonographs. 2,330,383; Sept. 28.
- Roe, Howard A., assignor to The General Industries Company, Elyria, Ohio. Rotor assemblies. 2,333,200; Nov. 2.
- Roe, James. (See Wood, S. M., and Roe.)
- Roe, John H., Marchantville, N. J., assignor to Radio Corporation of America. Television system. 2,313,971; Mar. 16.
- Roediger, Gordon E., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Direction signal switch. 2,308,108; Jan. 12.
- Roede, Charles B., Ridgefield, assignor to Sperry Products, Inc., Hoboken, N. J. Self-feeding means for gyroscopic devices. 2,322,241; June 29.
- Roeber, Erwin O. (See Harper, K. W., and Roeber.)
- Roeber, Lucille L., Chicago, Ill. Sanitary toilet cover. 2,316,105; Apr. 6.
- Roeber, Paul E., Brooklyn, N. Y. Cream whipping apparatus. 2,321,648; July 20.
- Roeber, Joseph C., Staten Island, N. Y., assignor to Standard Oil Development Company. Preparing bituminous paving mixtures. 2,312,674; Mar. 2.
- Roeber, Joseph C., Brooklyn, N. Y., assignor to Standard Oil Development Company. Saturating asphalt. 2,322,059; June 15.
- Roeber, Joseph C., Brooklyn, N. Y., assignor, by mesne assignments, to Standard Catalytic Company. Manufacturing building blocks. 2,330,747; Sept. 28.
- Roeber, Joseph C., Brooklyn, N. Y., assignor, by mesne assignments, to Standard Catalytic Company. Adhesivity of asphalts to mineral aggregates. 2,332,260; Oct. 19.
- Roeber, Joseph C., Brooklyn, N. Y., assignor to Standard Oil Development Company. Manufacturing building blocks. 2,332,933; Oct. 26.
- Roehm, Erwin G., Norwood, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Dual pattern controlled machine tool. 2,332,532; Oct. 26.
- Roehm, Erwin G., Norwood, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Tracer mechanism. 2,332,533; Oct. 26.
- Roemer, William C., assignor to Western Cartridge Company, New Haven, Conn. Breakdown firearm. 2,333,043; Oct. 26.
- Roehner, Theodore G., Malverne, and L. H. Sudholz, Brooklyn, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Cutting oil composition. 2,308,427; Jan. 12.
- Roehr, Alexander H., near Dayton, assignor to D. E. Jordan, Dayton, Ohio. Lens grinding machine. 2,321,247; June 8.
- Roehr, Bruno C., assignor to General Aniline & Film Corporation, Binghamton, N. Y. Spool construction. 2,309,539; Jan. 26.
- Roehrs, Julius, Company. (See Graf, Alfred B., assignor.)
- Roelen, Otto. (See Schaller, P., Froelcke, Meyer, Roelen, and Lüben.)
- Roelen, Otto, Oberhausen-Holten, Germany; vested in the Allen Property Custodian. Production of oxygenated carbon compounds. 2,327,066; Aug. 17.
- Roemer, Henry A. (See Renkin, Robert F., assignor.)
- Roemer, William C., assignor to Western Cartridge Company, New Haven, Conn. Trigger-mechanism for firearms. 2,321,044; June 8.
- Roemer, William C., assignor to Western Cartridge Company, New Haven, Conn. Automatic bolt stop for repeating firearms. 2,321,045; June 8.
- Roemer, William C., assignor to Western Cartridge Company, New Haven, Conn. Self-loading firearm. 2,333,677; Nov. 9.
- Roepke, Edward C., Elmore, assignor of one-fifth to C. Krause, Williston, Ohio. Beet harvester. 2,308,392; Jan. 12.
- Roesch, Frank P., Chicago, Ill., assignor to The Standard Stoker Company, Incorporated. Stoker. 2,320,471; June 1.
- Roesen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Web roll changing. 2,320,656; June 1.
- Roesen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Web roll splicing method and apparatus. 2,320,657; June 1.
- Roesen, Oscar C., Scarsdale, N. Y., assignor to Wood Newspaper Machinery Corporation, Plainfield, N. J. Web roll replacement. 2,320,658; June 1.
- Roesner, Siegmund J., Oak Park, Ill. Printing plate holder. 2,310,547; Feb. 9.
- Roesner, William L., La Grange, assignor, by mesne assignments, to Adèle de Berrie Hock, Elmhurst, Ill. Automatically releasable retaining device. 2,324,423; July 13.
- Roethel, George, Jr., Chicago, Ill., assignor to E. H. Scott. Antibacklash dial. 2,311,902; Feb. 23.
- Roethel, John H., Detroit, Mich. Door latch. 2,310,518; Feb. 9.
- Roethel, John H., Detroit, Mich. Door latch. 2,310,549; Feb. 9.
- Roethel, John H., Detroit, Mich. Door latch. 2,310,550; Feb. 9.
- Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Window regulator. 2,319,088; Mar. 11.
- Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Window regulator. 2,320,751; June 1.
- Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Deck lid hinge. 2,320,752; June 1.
- Roethel, Bruno E. and M. E. Conn, Baton Rouge, La., assignors to Standard Oil Development Company. Producing dimers of olefins. 2,314,457; Mar. 23.
- Roethen, Alfred A., Madison, N. J., assignor to Bell Telephone Laboratories, New York, N. Y. Amplifying system. 2,322,881; June 29.
- Roffy, Joseph T., assignor of one-third to A. Rothenberg, Los Angeles, Calif. Filter. 2,334,790; Nov. 23.
- Roffy, Joseph T., assignor of one-half to A. Rothenberg, Los Angeles, Calif. Attachment filter. 2,334,791; Nov. 23.
- Rogalia, Francis M., Hampton, Va. Lateral control for aircraft. 2,322,745; June 29.
- Roger, Henry, Sandy Hook, Conn. Episcopical projector. 2,320,247; May 25.
- Rogers, Donald S., Edgewater, assignor of one-half to Lloyd Quigley, Pueblo, Colo. Hose coupling. 2,315,225; Mar. 30.
- Rogers, Elwood C., Indianapolis, Ind. Enlarger. 2,333,583; Nov. 2.
- Rogers, Elwood C., Indianapolis, Ind. Distortion lens-mount. 2,335,700; Nov. 30.
- Rogers, George D., U. S. Army, Dover, N. J. Fuse well forming pour funnel. 2,311,694; Feb. 23.
- Rogers, George L., Schenectady, N. Y., assignor to General Electric Company. Current responsive circuit. 2,333,446; Nov. 2.
- Rogers, H. F. (See Ford, Edward T., assignor.)
- Rogers, Henry T., Athol, Mass. Fluid motor. 2,321,423; June 8.
- Rogers, Howard G., Wellesley Hills, and L. W. Chubb, Jr., Sharon, assignors to Polaroid Corporation, Cambridge, Mass. Apparatus for applying light polarizing material to curved surfaces. 2,313,891; Mar. 16.
- Rogers Imports Inc. (See Nash, Ben, assignor.)
- Rogers, Levant C., Niles, Mich. Cleaner. 2,323,568; July 6.
- Rogers, James B., assignor of one-half to L. C. Rogers, Chicago, Ill. Metal wool pad. 2,308,568; Jan. 19.
- Rogers, Leone C. (See Rogers, James B., assignor.)
- Rogers, Louis F., Wilmington, Del., assignor to Bond Manufacturing Corporation, Inc. Making closures for collapsible tubes and the like. 2,322,885; June 29.
- Rogers, Maurice A. T. (See Baldwin, A. W., and Rogers.)
- Rogers, Roy, Fowlerston, Ind. Overhead door operating means. 2,309,984; Feb. 2.
- Rogers, Rupert M., Downey, and P. D. Hileman, San Marino, Calif., assignors to Thompson Products Incorporated, Cleveland, Ohio. Making flanged tubing. 2,328,742; Sept. 7.
- Rogers, Stephen C., Marblehead, Mass., assignor to General Electric Company. Light projector. 2,327,820; Aug. 24.
- Rogers, Thomas A. (See Schroder, Walter L.)
- Rogers, Vivian C., Lower Pontnewydd, near Newport, and D. P. Barr, Pontnewydd, near Newport, assignors to Saunders Valve Company, Limited, Cwmbran, England. Valve diaphragm. 2,324,880; July 20.
- Rogers, William B., Baltimore, Md. Hopper agitator means. 2,317,643; Apr. 27.
- Rogers, William B., Jr. (See Gray, D. W., and Rogers.)
- Rogge, Edward A., Marinette, Wis. Concrete step. 2,330,148; Sept. 21.
- Roggenkamp, Matthias A., Belmont, Mass. Slide rule. 2,335,792; Nov. 30.
- Rogoff, Julian, New York, N. Y., assignor to Burndy Engineering Company, Inc. Unitary clamp assembly. 2,309,607; Jan. 26.
- Rogoff, Julian, New Rochelle, N. Y., assignor to Burndy Engineering Company, Inc. Tool installed wire connector. 2,329,653; Sept. 14.

- Rogoff, Julian, New Rochelle, N. Y. Separable connector, 2,335,843; Nov. 30.
- Rohats, Nicholas, Scotia, N. Y., assignor to General Electric Company. Testing of electrical windings. 2,321,424; June 8.
- Rohdin, Howard A. (See Haslach, A. B., and Rohdin.)
- Rohkar, Raymond R., Downers Grove, Ill., assignor to International Harvester Company. Power transmission mechanism. 2,324,956; Nov. 23.
- Rohling, Fred. (See Kottman, A. A., and Rohling.)
- Rohlin, Victor A., assignor to Cochran Corporation, Philadelphia, Pa. Method of and apparatus for washing steam. 2,315,226; Mar. 30.
- Rohlin, Victor A., Glenside, Pa., and A. E. Kittridge, Audubon, N. J., assignor to Cochran Corporation, Philadelphia, Pa. Water heating and deaerating apparatus. 2,315,227; Mar. 30.
- Rohm, Alfred. (See Pohls, P., Mietzsch, and Rohm.)
- Rohm & Haas Company. (See Bock, L. H., and Houk, assignors.)
- Rohm & Haas Company. (See Breedis, John, assignor.)
- Rohm & Haas Company. (See Bruson, Herman A., assignor.)
- Rohm & Haas Company. (See Craig, W. E., and Hester, assignors.)
- Rohm & Haas Company. (See Egolf, Charles B., assignor.)
- Rohm & Haas Company. (See Gift, Warren H., assignor.)
- Rohm & Haas Company. (See Grimm, O., and Rauch, assignors.)
- Rohm & Haas Company. (See Hester, William F., assignor.)
- Rohm & Haas Company. (See Hurd, Ira S., assignor.)
- Rohm & Haas Company. (See Kautter, C. T., and Trommsdorff, assignors.)
- Rohm & Haas Company. (See Köhler, Franz, assignor.)
- Rohm & Haas Company. (See Spence, LeR. U., Butterbaugh, and Robinson, assignors.)
- Rohm & Haas Company. (See Stallings, James W., assignor.)
- Rohm & Haas Company. (See Neher, H. T., and Kroeker, assignors.)
- Rohm & Haas Company. (See Powers, D. H., and Lawrence, assignors.)
- Rohm & Haas Company. (See Trommsdorff, Ernst, assignor.)
- Rohm & Haas Company. (See Trommsdorff, E., and Abel, assignors.)
- Rohm & Haas Company, et al. (See Wadman, W. V., and Hurd, assignors.)
- Rohm, Wilhelm. (See Hofmann, R., and Röhm.)
- Rohr, Alton J., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Level control for washing machines. 2,326,067; Aug. 3.
- Rohrbach, John J., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Securing lenses in ophthalmic mountings. 2,332,261; Oct. 19.
- Rohrer, John M., Orwigsburg, Pa. Making shoes. 2,331,348; Oct. 12.
- Rohrmann, Ewald, assignor to Eli Lilly and Company, Indianapolis, Ind. Intermediates for estrogenic therapeutic agents. 2,326,068; Aug. 3.
- Rohweder, Charles H., Belmont, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Wire uncolling apparatus. 2,319,828; May 25.
- Rojas, Florioel A., assignor of one-half to Walter H. Liebman, New York, N. Y. Laminated sheet and producing same. 2,318,184; May 4.
- Rojas, Juan J., San Francisco, Calif. Rotary brush. 2,322,470; June 22.
- Roko Corporation. (See Cokerly, Clarence J., assignor.)
- Roko Corporation. (See Wagner, Edmond M., assignor.)
- Rolax Watch Co. Ltd. (See Aegler, Hermann, assignor.)
- Rolls, Hattie J. (See Moon, Adelle M., assignor.)
- Rolker, Edwin. (See Huntley, G. J., and Rolker.)
- Rolland, Guy F. (See Large, S. B., and Rolland.)
- Rolland, Robert J. A. (See Wunsch, W. H. G., and Rolland.)
- Roll-Away Window Screen Company. (See Lang, Albert, assignor.)
- Rolle, Clifford J. (See Gessler, A. E., Engle, and Rolle.)
- Roller, Louis C. (See Seibert, Frank J., and Roller.)
- Roller, Robert, Haddonfield, N. J. Multiple garment hanger. 2,331,036; Nov. 9.
- Roller-Smith Company. (See Bolsterli, Arthur A., assignor.)
- Roller-Smith Company. (See Wood, Joseph D., assignor.)
- Rollman, Walter F., Cranford, and L. S. Bonnell, Westfield, N. J., assignors to Standard Oil Development Company. Treating hydrocarbons. 2,309,540; Jan. 26.
- Rollman, Walter F., Cranford, N. J., assignor to Standard Oil Development Company. Coking. 2,336,639; Dec. 14.
- Rollo, David, R. McIntyre, and E. S. R. Willmore, assignors to Cooper, McDougall & Robertson Limited, Berkhamsted, England. Production of dispersible sulphur. 2,332,934; Oct. 26.
- Rollo Razor Limited. (See Law, Edgar H., assignor.)
- Rolley Bearing Company. (See Killian, Rudolph R., assignor.)
- Rolnick, Harry, Dallas, Tex. Hat indicator. 2,320,472; June 1.
- Roloson, Glenn B., Crestone, Colo. Lightning arrester gas flow type. 2,329,219; Sept. 14.
- Roloson, Glenn B., Crestone, Colo. Lightning arrester, alternate deflector type. 2,334,218; Nov. 16.
- Roloson, Glenn B., Crestone, Colo. Lightning arrester, arc intercepting type. 2,334,727; Nov. 23.
- Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Luminaire. 2,310,810; Feb. 9.
- Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Luminaire. 2,318,715; May 11.
- Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Luminaire. 2,318,716; May 11.
- Rolph, Thomas W., Newark, Ohio, assignor to Holcombe Company, Inc., New York, N. Y. Luminaire. 2,329,557; Sept. 14.
- Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Luminaire. 2,330,924; Oct. 5.
- Rolscreen Company. (See Kuyper, Peter H., assignor.)
- Rolschausen, Ferdinand W., and S. E. Swain, Houston, Tex., assignors to Standard Oil Development Company. Formation tester. 2,332,813; Oct. 26.
- Rolyan Corporation. (See Eklund, Howard J., assignor.)
- Rom, Margaret. (See Gibbons, Francis J., and Alexander, and Rom.)
- Roman, Wadim. (See Lantz, Louis A., and Roman.)
- Romanelli, Emilio, Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for determination of moisture in gases. 2,316,624; Apr. 13.
- Romano, John D., Elizabeth, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,329,787; Sept. 21.
- Romanoff, Hippolyte W., New York, N. Y., assignor to "V" Cutter Corporation. Wire cutting tool. 2,311,695; Feb. 23.
- Romanoff, Hippolyte W., New York, N. Y., assignor to "V" Cutter Corporation. Wire cutting tool. 2,319,558; May 18.
- Romanoff, Hippolyte W., New York, N. Y. Wire cutter. 2,330,009; Sept. 21.
- Romao, August, San Francisco, Calif. Electric dry shaver. 2,337,623; Dec. 28.
- Rome Flow Company. (See McKay, Augusta P., as signor.)
- Romine, Hugh E. (See Cook, W. O., and Romine.)
- Ronk, George T., Cedar Rapids, Iowa. Transport trailer. 2,334,037; Nov. 9.
- Romero, Alvin L., Downey, Idaho. Reamer. 2,330,242; Sept. 28.
- Romero, Antonio, Astoria, Long Island, N. Y. Print drier. 2,323,680; July 6.
- Romig, Gerald C., Melrose Park, assignor to American Chemical Paint Company, Ambler, Pa. Method of and material for coating metal surfaces with water insoluble metallic phosphates. 2,316,810; Apr. 20.
- Romig, Gerald C., Melrose Park, assignor to American Chemical Paint Company, Ambler, Pa. Coating ferrous metal surfaces with water insoluble metallic phosphates. 2,316,811; Apr. 20.
- Romig, Gerald C., Elkins Park, assignor to American Chemical Paint Company, Ambler, Pa. Producing phosphate coatings on ferrous metal articles. 2,326,309; Aug. 10.
- Romine, Lawrence F., Detroit, Mich. Winding. 2,328,497; Aug. 31.
- Ronan, George J. (See Ronan, Lerner F., assignor.)
- Ronan, Lerner F., East Aurora, assignor of one-half to G. J. Ronan, Buffalo, N. Y. Making metal cutting saws. 2,327,129; Aug. 17.
- Ronci, Victor L. (See Bishop, W. M., Depew, Gronros, and Ronci.)
- Ronci, Victor L. (See Depew, C., Gronros, and Ronci.)
- Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,317,222; Apr. 20.
- Rondelli, Attilio, Avoca, Pa. Fishing pole. 2,324,429; July 13.
- Rones, Harvey C., Astoria, Oreg. Multifocal lens. 2,328,584; Sept. 7.
- Roney, John F., and R. W. Page, Los Angeles, Calif. Structural member. 2,308,831; Jan. 19.
- Roney, John F., and R. W. Page, Los Angeles, Calif. Scaffold. 2,308,832; Jan. 19.
- Roney, Raymond B., South Pasadena, and W. A. Munday, Glendale, Calif. Portable light. 2,336,750; Dec. 14.
- Ronk, Albert T., assignor, by mesne assignments, to The Peabody Company, North Manchester, Ind. Chair. 2,336,128; Dec. 7.
- Ronquist, Harry, Ketchikan, Alaska. Machine for beveling oars. 2,330,384; Sept. 28.
- Ronning, Adolph, Minneapolis, Minn. Power saw. 2,310,152; Feb. 2.
- Ronning, Jacob A., Minneapolis, Minn. Wrench-acting saw. 2,313,398; Mar. 9.
- Ronning, Jacob A., Minneapolis, Minn. High grass lawnmower. 2,335,541; Nov. 30.
- Ronning, Jacob A., Minneapolis, and T. B. Newell, Dawson, Minn.; said Newell assignor to said Ronning. Wrench-acting tool. 2,308,428; Jan. 12.
- Ronzitti, Michele, Buffalo, N. Y. Beach craft. 2,309,416; Jan. 26.

- Reed, William B., Des Moines, Iowa. Concealed storm window and screen. 2,318,100; May 4.
- Rooke, Robert M., West Long Branch, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Brazing or welding of pipe ends. 2,330,297; Dec. 7.
- Roos, Leo, South Orange, assignor to Roxalin Flexible Finishes, Inc., Elizabeth, N. J. Treating aircraft fabrics and products thereof. 2,330,998; Oct. 5.
- Rooney, Edward J., Bayonne, assignor to The Babcock & Wilcox Company, Newark, N. J. Steam generator. 2,332,534; Oct. 26.
- Rooney, James H., P. R. Hawtin, and D. C. Macpherson, Spendon, near Derby, England, assignors to Colanese Corporation of America. Casting sheet material. 2,320,473; June 1.
- Rooney, John T., assignor to Spencer Lens Company, Buffalo, N. Y. Optical counting device and process of making the same. 2,328,535; Sept. 7.
- Roos, Delmar G., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Shiftable steering wheel. 2,335,966; Dec. 7.
- Roos, Edwin J., Chicago, Ill. Marking gauge. 2,328,678; Sept. 7.
- Roos, Helmut J., Dörr, and W. T. Koch, Dessau, Germany; vested in the Allen Property Custodian. Control means for rudders and the flaps thereon. 2,325,548; July 27.
- Roosen, H. D., Company. (See Bernstein, Isidor M., assignor.)
- Roosenstein, Hans O., Berlin, Germany; vested in the Allen Property Custodian. Antenna. 2,311,472; Feb. 16.
- Roosenstein, Hans O., Berlin, Germany; vested in the Allen Property Custodian. Shielded antenna feeder lead or line. 2,322,971; June 29.
- Rosevelt, Mayme, Detroit, Mich. Curtain stretcher. 2,322,317; June 22.
- Root, A. I., Company, The. (See Root, H. H., and Rau, assignors.)
- Root, Charles F., assignor to The Chandler & Price Company, Cleveland, Ohio. Sheet hold-down device for presses. 2,308,508; Jan. 12.
- Root, Charles S., Bridgeport, Conn., assignor to General Electric Company. Multiband tuning system. 2,309,014; Jan. 19.
- Root, Frank B., Montclair, N. J., assignor to Ellis-Poeter Company. Coating composition and making it. 2,335,701; Nov. 30.
- Root, Huber H., and K. Rau, assignors to The A. I. Root Company, Medina, Ohio. Comb foundation. 2,331,231; Oct. 5.
- Root, John J., Yonkers, N. Y., assignor to The Seymour Corporation of Delaware, Seymour, Conn. Breaker device for electrical circuits. 2,312,980; Mar. 2.
- Root, Lemma J., Bothell, Wash. Drive means for propeller driven craft. 2,320,567; Aug. 10.
- Root, Ralph E., Bera, assignor to C. E. Walling, Cleveland, Ohio. Universal radius truing fixture for grinding machines. 2,309,924; Feb. 2.
- Rope Sales, Inc. (See Wilgan, Charles L., assignor.)
- Roper, Geo. D., Corporation. (See Collier, Winthrop F., assignor.)
- Roper, Geo. D., Corporation. (See Hennessy, John F., assignor.)
- Roper, Geo. D., Corporation. (See Hobson, Stanley H., assignor.)
- Roper, Geo. D., Corporation. (See Lucas, Chester C., assignor.)
- Roper, Geo. D., Corporation. (See Pellegrin, E. D., and Ring, assignors.)
- Roper, Geo. D., Corporation. (See Ring, Harold H., assignor.)
- Roper, Geo. D., Corporation. (See Whitehead, Grover F., assignor.)
- Roper, John M., Washington, D. C. Airplane running light installation. 2,325,032; Aug. 31.
- Rose-Sales, Inc. (See Grogg, Jon, assignor.)
- Roper, Val J., South Euclid, Ohio, assignor to General Electric Company. Vehicle headlamp unit. 2,321,705; June 15.
- Rosaire, Esme E. (See Horvitz, Leo, assignor.)
- Rosaire, Esme E. (See Horvitz, L., and Rosaire.)
- Rosaire, Esme E., Houston, Tex. Geochemical prospecting. 2,319,317; Feb. 9.
- Rosaire, Esme E., Houston, Tex. Stage indicator. 2,319,519; May 18.
- Rosano, Anthony R., Toronto, Ontario, Canada. Flush tank valve. 2,330,925; Oct. 5.
- Rosay, Joseph, White Plains, N. Y. Liner and holder therefor. 2,323,356; July 6.
- Rosberg, Rudolph W., Chicago, Ill. Closure lock. 2,333,584; Nov. 2.
- Rosch, Arthur, Brieselang, near Nauen, Germany, assignor to General Electric Company. Governing mechanism. 2,333,044; Oct. 26.
- Rosch, Samuel J., Yonkers, assignor to Anaconda Wire and Cable Company, New York, N. Y. Electric cable. 2,315,736; Apr. 6.
- Roscoe, William H. (See Marsh, J. T., and Roscoe.)
- Rose, Albert. (See Iams, H. A., and Rose.)
- Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Mechanism for delivering articles from machines. 2,311,577; Feb. 16.
- Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Package for tobacco or other articles. 2,318,101; May 4.
- Rose, Bennie A., and R. A. Baudry, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Salient-pole tightening means. 2,308,028; Jan. 12.
- Rose Brothers (Gainsborough) Limited. (See Chapman, Herbert H., assignor.)
- Rose Brothers (Gainsborough) Limited. (See Rose, Alfred G., assignor.)
- Rose, Carl G. (See Boyer, J. A., and Rose.)
- Rose, Clarence W. (See Rose, Walter E., and C. W.)
- Rose, John J., Dayton, Ohio. Ignition timing device. 2,316,188; Apr. 13.
- Rose, George M., Jr., East Orange, N. J., assignor to Radio Corporation of America. Making leaders. 2,314,105; Mar. 16.
- Rose, Jess C., and G. E. Stankey, assignors to Bardwell & McAllister, Los Angeles, Calif. Pinch type bending roll. 2,335,028; Nov. 23.
- Rose, John J. (See Abbott, A. E., and Rose.)
- Rose, Luther S., Honolulu, Hawaii. Printing telegraph receiver. 2,323,155; June 29.
- Rose, Millard O., Detroit, Mich. Bumping machine. 2,332,313; June 25.
- Rose, W. H., assignor to Ira Saks, Cleveland, Ohio. Clutch plate. 2,321,941; June 15.
- Rose, Robert L., Washington, D. C. Prefabricated roofing and making same. 2,336,191; Dec. 7.
- Rose, Walter E., and C. W., Denver, Colo. Safety apparatus. 2,321,248; June 8.
- Rose, William H., Jersey City, N. J., assignor to Stanco Incorporated. Liquid sprayer. 2,310,319; Feb. 9.
- Rose, William H., Jersey City, N. J., assignor to Stanco Incorporated. Fluid container. 2,311,578; Feb. 16.
- Rose, William H., Jersey City, N. J., assignor to Stanco Incorporated. Snap-on attachment cap. 2,318,717; May 11.
- Rose, William H., Jersey City, N. J., assignor to Stanco Incorporated. Sprayer device. 2,326,508; Aug. 10.
- Rose, William H., Jersey City, N. J. Powder dispenser. 2,327,560; Aug. 24.
- Rose, William K., Coventry, assignor to The General Electric Company Limited, London, England. Automatic switch as used in telephone systems. 2,331,844; Oct. 12.
- Rosebrook, Homer E., Greenville, Mich., and Oscar E. Norberg, Cincinnati, Ohio, assignors to Gibson Electric Refrigerator Corporation, Greenville, Mich. Shelf. 2,321,850; June 15.
- Roseby, Philip N., Woodvale, and J. F. Mackenzie, Liverpool, England, assignors to Associated Telephone & Telegraph Company, Chicago, Ill. Electrical signaling system. 2,319,633; May 18.
- Rosen, Oscar E., Detroit, Mich. Driving means for the blades of machine tools. 2,316,106; Apr. 6.
- Rosen, Raphael. (See Nelson, J. F., and Rosen.)
- Rosen, Raphael. (See Sparks, W. J., and Rosen.)
- Rosen, Raphael, Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricant composition. 2,321,517; June 8.
- Rosen, Raphael, Elizabeth, N. J., assignor to Standard Oil Development Company. Refining of mineral oils. 2,335,029; Nov. 23.
- Rosen, Samuel, Providence, R. I. Container. 2,337,416; Dec. 21.
- Rosenbaum, Kurt. (See Kreissig, E., Tönne, and Rosenbaum.)
- Rosenberg, Barney, et al., trustees. (See Warner, M. P., and Liese, assignors.)
- Rosenberg Bros. & Co. (See Vigneau, Emile N., assignor.)
- Rosenberg, Edward. (See Kantor, J., and Rosenberg.)
- Rosenberg, George, New Rochelle, N. Y. Lady's compact. 2,335,359; Nov. 30.
- Rosenberg, George, and L. Spiselman, New York, N. Y. Picture frame easel. 2,324,027; July 13.
- Rosenberg, Jacob E., Pittsburgh, Pa., assignor to Homelays, Incorporated. Producing pigmented enamel articles. 2,317,114; Apr. 20.
- Rosenberg, Louis. (See Karns, Sherman S., assignor.)
- Rosenberg, Max, and J. Weissblatt, New York, N. Y. Lubricating attachment. 2,314,163; Mar. 16.
- Rosenberg, Philip, New York, N. Y. Bin. 2,308,629; Jan. 19.
- Rosenberg, Philip, New York, N. Y. Revolving bin. 2,311,130; Feb. 16.
- Rosenberg, Philip, New York, N. Y. Cabinet. 2,326,255; Aug. 10.
- Rosenberg, Philip, New York, N. Y. Bin. 2,327,742; Aug. 24.
- Rosenberg, Philip, New York, N. Y. Sectional table. 2,327,743; Aug. 24.
- Rosenberger, William A., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,315,546; Apr. 6.
- Rosenblad, Curt F., Stockholm, Sweden, assignor, by mesne assignments, to American Heat Reclaiming Corporation, New York, N. Y. Utilization of waste heat. 2,329,727; Sept. 21.
- Rosenblad, Curt F., assignor to Aktiebolaget Rosenblads Patent, Stockholm, Sweden. Evaporating apparatus. 2,334,959; Nov. 23.

- Rosenblatt, Edgar F., East Orange, assignor to Baker & Company, Inc., Newark, N. J. Providing adherent metal contact on surfaces. 2,328,101; Aug. 31.
- Rosenblatt, Isidor, et al. (See Colucci, John, assignor.)
- Rosenblatt, Max, et al. (See Colucci, John, assignor.)
- Rosenblatt, Pauline E., Cleveland, Ohio. Clasp for garment supporters. 2,308,208; Jan. 12.
- Rosenblatt, Philip. (See Davidson, D., Popowsky, and Rosenblatt.)
- Rosenbloom, Philip, assignor of fifty percent to D. J. Wellehan, Lewiston, Maine. Safety wrench. 2,332,602; Oct. 26.
- Rosenblum, Israel, New York, N. Y. Terpene-modified phenolic resin and preparing same. 2,308,544; Jan. 19.
- Rosenblum, Israel, New York, N. Y. Oil-soluble phenolic resin and method of preparing same. 2,321,626; June 15.
- Rosenblum, Israel, New York, N. Y. Alcoholic urea-formaldehyde resin solution. 2,323,357; July 6.
- Rosenfarb, Albert D., Winthrop, Mass. Machine for cutting flexible sheet material. 2,310,153; Feb. 2.
- Rosenfeld, Abraham L., and C. W. Apgar, assignors to Papercraft Products, Inc., Philadelphia, Pa. Collapsible storage container. 2,333,555; Nov. 3.
- Rosenfield, Morris W., Brookline, assignor to American Sales Company, Boston, Mass. Phonograph record holder. 2,314,557; Mar. 23.
- Rosenkrantz, Joseph, Springfield, Mass., assignor to Robbins & Weltz, Inc., New York, N. Y. Handbag with tongue-locked walls. 2,331,802; Oct. 12.
- Rosmund, Alfred L., Woodport, N. J., assignor to Stapling Machines Co., Box 2,328,230; Aug. 31.
- Rosenthal, Adolph H., assignor, by mesne assignments, to Scophony Corporation of America, New York, N. Y. Television receiving system. 2,330,171; Sept. 21.
- Rosenthal, Adolph H., assignor, by mesne assignments, to Scophony Corporation of America, New York, N. Y. Color television. 2,330,172; Sept. 21.
- Rosenthal, Fritz, assignor to The University of Tennessee Research Corporation, Knoxville, Tenn. Phenolic molding composition. 2,326,569; Aug. 10.
- Rosenthal, Irwin W., New Orleans, La. Travel case. 2,318,527; May 4.
- Rosenthal, Lazar. (See Kamlet, J., and Rosenthal.)
- Rosenthal, Leon W., (See Schwarzmann, W. E., Coe, and Rosenthal.)
- Rosenthal, Nathan, Roxbury, Mass. Insole and shank stiffener therefor. 2,308,895; Jan. 19.
- Rosenthal, Sol R., Chicago, Ill. Medicinal compound. 2,337,572; Dec. 28.
- Rosenwald, Robert H., and J. A. Chenicek, assignors to Universal Oil Products Company, Chicago, Ill. Stabilized gasoline. 2,308,780; Jan. 19.
- Rosenwald, Robert H., and J. A. Chenicek, assignors to Universal Oil Products Company, Chicago, Ill. Stabilized gasoline. 2,308,781; Jan. 19.
- Rosenwald, Robert H., and J. A. Chenicek, assignors to Universal Oil Products Company, Chicago, Ill. Stabilized gasoline. 2,308,782; Jan. 19.
- Rosenwald, Robert H., and J. A. Chenicek, assignors to Universal Oil Products Company, Chicago, Ill. Stabilized gasoline. 2,308,783; Jan. 19.
- Rosenwald, Robert H., and J. A. Chenicek, Chicago, Ill., assignors to Universal Oil Products Company, Chicago, Ill. Inhibitor for gasoline. 2,310,710; Feb. 9.
- Rosenzweig, Henry, Kirkwood, assignor to Endicott Johnson Corporation, Endicott, N. Y. Stitchdown shoe. 2,312,124; Feb. 23.
- Rosenzweig, Julius, New York, N. Y. Ear muff. 2,333,392; Nov. 2.
- Rosewarne, William H., Detroit, Mich. Sliding window. 2,308,896; Jan. 19.
- Rosin, Maurice, Albany, N. Y. Combined day and night coach. 2,316,972; Aug. 17.
- Roskin, Israel, New York, N. Y. Article of jewelry and making same. 2,332,344; Oct. 19.
- Roskosky, Stephen J., Flint, Mich., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,328,398; Aug. 31.
- Ross, Adrian E., Stamford, Conn., assignor to Electroflux Corporation, New York, N. Y. Suction nozzle. 2,320,545; June 1.
- Ross, Adrian E., Stamford, Conn., assignor to Electroflux Corporation, Dover, Del. Suction nozzle with automatically retractable surface-contacting element. 2,324,111; July 13.
- Ross, Adrian E., Stamford, Conn., assignor to Electroflux Corporation, Dover, Del. Rug nozzle. 2,335,448; Nov. 30.
- Ross, Askev G. (See Gaus, G. E., Bennett, and Ross.)
- Ross, Carl, et al. (See Wallace, William D., assignor.)
- Ross, Charles, San Diego, assignor of one-half to L. B. Rice, La Jolla, and one-eighth to J. M. Sachs and P. W. Dixon, one-eighth to G. Bucknam and one-sixteenth to W. S. Severson, San Diego, Calif. Recording device. 2,315,737; Apr. 6.
- Ross, Charles, assignor of one-half to J. A. Earhuff, Los Angeles, Calif. Carton coin container. 2,326,683; Aug. 10.
- Ross, Charles F., assignor to Power Brake Parts Manufacturing and Sales Company, Detroit, Mich. Coupling holder. 2,320,397; June 1.
- Ross, Chester P., Dayton, Ohio. Fuel injector nozzle. 2,332,535; Oct. 26.
- Ross, Clifford O., Beverly Hills, Calif. Mechanic's tool. 2,320,303; May 25.
- Ross, Donald E. (See Heller, H. S., Ross, and Lilly.)
- Ross, Donald W., Washington, Pa. Drying of porous masses. 2,320,474; June 1.
- Ross, Donald W., Washington, Pa. Making refractories. 2,331,232; Oct. 5.
- Ross, J. R., Engineering Corporation. (See Gschwind, Jean F., assignor.)
- Ross, John. (See Dreger, E. E., and Ross.)
- Ross, John, Manhasset, and G. De W. Miles, New York, N. Y., assignors to Colgate-Palmolive-Peet Company, Jersey City, N. J. Method and apparatus for foam determination. 2,315,983; Apr. 6.
- Ross, Raymond W., assignor to Leeds and Northrup Company, Philadelphia, Pa. Integrating apparatus. 2,309,790; Feb. 2.
- Ross, Walter F., Detroit, Mich. Machine for and method of grinding gears, splines, and similar forms. 2,307,238; Jan. 5.
- Ross, Walter F., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Grinding machine with wheel shifting means. 2,332,603; Oct. 26.
- Ross, Walter F., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Finishing the tooth grooves of gear shaving tools. 2,338,061; Dec. 28.
- Ross, William E. (See Crawford, C. C., and Ross.)
- Ross, William A., assignor to Weaver Manufacturing Company, Springfield, Ill. Dolly. 2,326,684; Aug. 10.
- Ross, William C., Winchester, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Printing process and apparatus. 2,328,556; Sept. 7.
- Ross, William E., and J. Anderson, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Isomerizing hydrocarbons. 2,327,670; Aug. 24.
- Rossander, Swanie S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Soluble trisazo dyes for cellulosic fibers. 2,322,746; June 29.
- Rossander, Swanie S., Wilmington, Del., D. E. Kvalnes, Lerens Grove, N. J., and C. E. Sparks, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes. Re. 2,228,6; Mar. 9.
- Rossander, Swanie S., C. E. Sparks, and C. W. Maynard, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyestuffs. 2,319,265; May 18.
- Rossby, Samuel, New York, N. Y. Suspender suit construction. 2,318,528; May 4.
- Rosser, Charles M. (See Cornwell, R. T. K., Rosser, and Youtz.)
- Rosset, Louis J., Burbank, Calif. Roaster. 2,320,304; May 25.
- Rossi, Carlo. (See Graenacher, C., Rossi, and Bruengger.)
- Rossi, Harry J., Bronx, assignor to Fibre Cord Company, division of Kary-Safe Co., Inc., New York, N. Y. Strip dispensing carton. 2,324,028; July 13.
- Rossi, Irving. (See Rossmann, Peter F., assignor.)
- Rossmann, Allen M. (See McDonald, Lawrence L., assignor.)
- Rossmann, Allen M., Wilmette, Ill. Electric switch. 2,313,771; Mar. 16.
- Rossmann, Peter F., Buffalo, N. Y., assignor to Irving Rossi, West Orange, N. J. Fastening device. 2,321,518; June 8.
- Rosson, Charles S., Norwich, England, assignor to Imperial Chemical Industries Limited. Cartridge shell crimper. 2,321,321; June 8.
- Rotary Cutters, Inc. (See McCashen, James F., assignor.)
- Rotary Seal Company. (See Dornhofer, Louis J., assignor.)
- Rotary Seal Company. (See Meyer, Walter W., assignor.)
- Rote, Melvin A., Newark, N. J., assignor to Federal Telephone & Radio Corporation. Antenna system. 2,311,872; Feb. 23.
- Roters, Herbert C., Roslyn, N. Y., assignor to Casner Patents, Inc. Self-starting hysteresis motor. 2,328,743; Sept. 7.
- Roters, Herbert C., Roslyn, N. Y., assignor to Fairchild Aviation Corporation. Electromagnetic gyro-erecting system. 2,328,744; Sept. 7.
- Roth, Charles H., and J. M. Breth, assignors to The General Tire & Rubber Company, Akron, Ohio. Fluid valve. 2,332,604; Oct. 26.
- Roth, Frank, Pelham Manor, N. Y. Bimetal valve. 2,316,488; Apr. 13.
- Roth, Jacob, Brooklyn, N. Y. Brief case or the like. 2,332,757; Oct. 26.
- Roth, Joseph N. (See Schurtz, R. E., and Roth.)
- Roth, Joseph N., Belding, Mich., assignor to Gibson Electric Refrigerator Corporation. Evaporator structure. 2,334,219; Nov. 16.
- Roth, Louis, Du Bois, and J. M. Schnaus, Jasper, Ind. Molding sanding machine. 2,334,960; Nov. 23.
- Roth, Morris B., Chicago, Ill. Spectacle case and insert therefor. 2,317,302; Apr. 20.
- Roth, Sol, Long Island City, N. Y. Track and compressor for files. 2,332,472; Oct. 19.

- Roth, William A., assignor of fifteen per cent to J. E. Nekowitsch, fifteen per cent to S. Nekowitsch, fifteen per cent to M. O. Muscus, St. Paul, and fifteen per cent to P. Vance, South St. Paul, Minn. Automatic hydraulic transmission. 2,337,499; Dec. 21.
- Rothberg, Blossom B., et al. (See Rothberg, James H., assignor.)
- Rothberg, James H., Los Angeles, Calif., assignor of twenty-five per cent to J. P. Jones, and ten per cent to J. S. Rothberg, and sixty-five per cent to B. B. Rothberg, Talking doll. 2,309,547; Jan. 20.
- Rothberg, James S., et al. (See Rothberg, James H., assignor.)
- Rothel, Charles R., Oak Park, and G. V. Thompson, assignors to Container Corporation of America, Chicago, Ill. Dispensing carton. 2,325,277; July 27.
- Rothel, Ole O. (See Irwin, Justus C., assignor.)
- Rothelm, Erik, heir. (See Rothelm, Erik.)
- Rothelm, Erik, deceased, by E. and H. Rothelm, Oslo, Norway, heirs; vested in the Alien Property Custodian. Valve for liquids under gas pressure. 2,335,312; Nov. 30.
- Rothelm, Hagbart, heir. (See Rothelm, Erik.)
- Rothenberg, Abraham. (See Ruff, Joseph T., assignor.)
- Rothberger, Lytle W., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Terpenol alcohol-ether-oil-mine condensation product. 2,316,625; Apr. 13.
- Rotheraine, Jerome H., Philadelphia, Pa. Garment hanger. 2,335,030; Nov. 23.
- Rothermel, Royden A., London, England. Making storage battery separators. 2,314,053; Mar. 16.
- Rothery, James S., Elford, Englad. Hydraulic jacks. 2,330,512; Sept. 28.
- Rothmoor Corporation. (See Michel, David, assignor.)
- Rothmou, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Phenol-formaldehyde resin. 2,321,627; June 15.
- Rothmou, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric material. 2,321,642; June 15.
- Rothmou, Henry S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic structure. 2,328,079; Sept. 7.
- Rothschmitt, Anton. (See Nadeau, R., and Rothschnmitt.)
- Rothwell, Edward B., assignor to Colt Piston Ring Company of America, St. Louis, Mo. (Piston ring. 2,325,190; July 27.
- Rothwell, John J., Elkhart, assignor to Penn Electric Switch Co., Goshen, Ind. Control device. 2,316,026; Apr. 13.
- Roto Company, Tha. (See Anderson, R. G., and Jacobson, assignors.)
- Rotobowling Corporation. (See Whittle, Orville F., assignor.)
- Roto-Aircrews Limited. (See Fairhurst, Leonard G., assignor.)
- Rotol Aircrews Limited. (See Fairhurst, L. G., and Newport, assignors.)
- Roto-Matic Screen Printer, Ltd. (See Fleisher, H., and Tillett, assignors.)
- Roto Shaver, Inc., The. (See Abrams, Victor R., assignor.)
- Rotter, Lutwin C., Maplewood, A. D. Reisert, V. G. Klein, and R. F. Schneller, assignors to Lincoln Engineering Company, St. Louis, Mo. Pump. 2,333,046; Oct. 26.
- Rottman, George, Brooklyn, N. Y. End flap construction for cardboard containers. 2,317,223; Apr. 20.
- Rottmayer, Friedrich, Fulbach near Munich, Germany; vested in the Alien Property Custodian. Purifying gases. 2,313,022; Mar. 2.
- Rottschafer, Bernard W. (See von Glahn, W. H., and Rottschafer.)
- Rouan, Francis J., assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Totalizer actuator. 2,321,425; June 8.
- Rouan, Francis J., and F. L. Ford, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Tape guide. 2,321,426; June 8.
- Rouat, Roger, Sanvic, Le Havre, France; vested in the Alien Property Custodian. Electric bath. 2,311,415; Feb. 16.
- Roudnick, Rudolf, Prague, Czechoslovakia; vested in the Alien Property Custodian. Rate-of-climb indicator or the like for aircraft. 2,334,885; Nov. 23.
- Roulements A Billes Miniatures, S. A. (See Annen, Robert, assignor.)
- Roumagne, Camille C., and A. K. Blodger, Auburn, Calif.; said Roumagne assignor to said Blodger. Ski rack for motor vehicle. 2,318,974; May 11.
- Rounds, Harold S. (See Hartstock, G. M., and Rounds.)
- Rourke, Robert U., assignor to Waterhouse Company, Webster, Mass. Adjustable pointer. 2,319,872; May 25.
- Rourke, Rupert K., Lompoc, Calif., assignor to Johns-Manville Corporation, New York, N. Y. Pneumatic classifier. 2,329,299; Sept. 14.
- Rous, Arthur, New York, N. Y. Bottle carrying carton. 2,331,137; Oct. 5.
- Rous, Arthur, assignor to Federal Carton Corporation, New York, N. Y. Container. 2,330,926; Oct. 5.
- Rous, Arthur, and I. Dorfman, assignors to Federal Carton Corporation, New York, N. Y. Carton and carton blank. 2,330,927; Oct. 5.
- Rous, David, New York, N. Y. Shipping carton blank for chairs. 2,313,362; Mar. 9.
- Rousculp, John A., Columbus, Ohio. Line support. 2,320,197; May 25.
- Rousse, Alvin H. (See Myers, P. B., and Rouse.)
- Rouse, Benjamin H., Russell, assignor of one-third to F. B. Lee and C. T. Brown, jointly, and one-third to C. J. Wilson and M. C. Eddy, Hays, Kans., F. B. Lee, St. Louis, and C. T. Brown, Kansas City, Mo. Lubricating material and producing the same. 2,322,738; June 22.
- Rouse, Lillian M., New York, N. Y. Button, trimming, or the like. 2,336,192; Dec. 7.
- Rouse, Wallace F., Havelock, Iowa. Aerial bomb. 2,332,070; Oct. 26.
- Roush, Alan D. (See Stolz, Owen M.)
- Rousseau, Raymond E. (See Rapp, A., and Rousseau.)
- Routledge, Percy H., Mission, British Columbia, Canada. Fire door. 2,323,845; July 6.
- Rouy, Auguste L. M. A., Paris, France, assignor to Gyro-Balance Corporation, Greenwich, Conn. Measuring or detecting periodic forces. 2,329,654; Sept. 14.
- Rover Company, The, et al. (See Boyle, William B., assignor.)
- Rover Company Limited, The. (See Scott-Iversen, Poul A., assignor.)
- Rover, Richard H., Roselle, N. J., assignor to Foster Wheel-r Corporation, New York, N. Y. Heat exchange apparatus. 2,330,844; Oct. 5.
- Rovere, Lewis H. (See Rudd, M. A., Mott, and Rovere.)
- Rowick, Max L., Chicago, Ill. Making shoes. 2,318,014; May 4.
- Rowan, Frank E., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Cooling system. 2,320,889; June 1.
- Rowan, William J., Los Angeles, Calif. Device for trimming lawns. 2,318,334; May 4.
- Rowan, William R., North Attleboro, Mass., assignor to L. A. Balfour Company, Finger ring. 2,309,541; Jan. 26.
- Rowand, Will H. (See Ebbets, G. D., Rowand, and Schoessow.)
- Rowand, Will H., Plainfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Thermal drum connection. 2,331,932; Oct. 19.
- Rowand, Will H., Plainfield, N. J., and E. C. Hoge, Bartlett, Ohio, assignors to The Babcock & Wilcox Company, Newark, N. J. Fluid separator. 2,321,628; June 15.
- Rowe, Alvin V., assignor to Rowe Manufacturing Company, Galesburg, Ill. Overhead door construction. 2,329,443; Sept. 14.
- Rowe, Irving R., Westerly, R. I., assignor to Davis & Furber Machine Company, North Andover, Mass. Warp compressor. 2,337,129; Dec. 21.
- Rowe Manufacturing Company. (See Rowe, Alvin V., assignor.)
- Rowe, Oliver R., assignor of one-half to R. H. Bouligny, Charlotte, N. C. Trailer derrick. 2,327,461; Aug. 24.
- Rowe, Philip H., near Watsonville, Calif. Hole digging machine. 2,332,262; Oct. 19.
- Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Contact mechanism for electric switches. 2,319,596; May 25.
- Rowe, William J., and C. Hagen, Chicago, Ill., assignors to Corn Products Refining Company, New York, N. Y. Dextrine cooker. 2,332,345; Oct. 19.
- Rowe, William W., Cincinnati, assignor to Cincinnati Industries, Inc., Lockland, Ohio. Impervious fabric and seam therein. 2,316,891; Apr. 20.
- Rowe, William W., Cincinnati, and W. A. Morris, Wyoming, Ohio, assignors to Cincinnati Industries, Inc. Producing laterally stretchable webs. 2,335,313; Nov. 30.
- Rowell, Joseph C. N., et al. (See Hubbard, Alfred W., assignor.)
- Rowell, Kendall B. (See Hamilton, W. S. H., and Rowell.)
- Rowell, Ralph M., Lynn, Mass., assignor to General Electric Company. Long scale frequency meter. 2,308,341; Jan. 12.
- Rowell, Theodore H., et al. (See Hubbard, Alfred W., assignor.)
- Rowell, Robert W., Great Neck, assignor to Nichols Engineering & Research Corporation, New York, N. Y. Incineration of liquid sludge or the like. 2,317,941; Apr. 27.
- Rowland, Ben W., Appleton, Wis., assignor, by mesne assignments, to Edgar Brothers Company, Metuchen, N. J. Modified clay. 2,307,239; Jan. 5.
- Rowland, Clarence G., Newington, assignor to The Fuller Brush Company, Hartford, Conn. Brush. 2,312,591; Mar. 2.
- Rowland, Clarence G., Newington, assignor to The Fuller Brush Company, Hartford, Conn. Brush. 2,332,490; Oct. 19.
- Rowland, Howard, Chicago, Ill., assignor to Electrical Testing Laboratories, New York, N. Y. Lighting fixture. 2,327,219; Aug. 17.
- Rowland, Robert L., Ogden, Utah. Coagulometer. 2,312,488; Mar. 2.
- Rowland, Robert W., Newark, N. J. Casement for port-holes and the like. 2,309,255; Jan. 26.

- Rowlandson, William E., Jr., Lowell, Mass. Dyeing machine. 2,332,346; Oct. 19.
- Rowley, Arthur C., Drexel Hill, assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Dry pipe sprinkler system. 2,320,305; May 25.
- Rowley, Clarence H., and W. P. Wyatt, Pittsburgh, Pa. Garment display device. 2,325,428; July 27.
- Rowley, Robert D. (See Dreyfus, C., and Rowley.)
- Roxalin Flexible Finishes, Inc. (See Roan, Leo, assignor.)
- Roxalin Flexible Finishes, Inc. (See Smith, William T., assignor.)
- Roy, Edgar L., West Roxbury, assignor to Warren E. Collins, Inc., Boston, Mass. Duplex respirator. 2,308,630; Jan. 19.
- Roy, Joseph H., Trenton, N. J. Detaching apparatus. 2,334,038; Nov. 9.
- Roy, Vernon R. (See Blazek, J. Y., Sears and Roy.)
- Roy, Walter L., Bangus, assignor to Lite-Corl Corporation, Boston, Mass. Louver blind. Re. 22,311; May 11.
- Roy, William O., Outremont, Montreal, Quebec, Canada. Curling stone. 2,327,371; Aug. 24.
- Royal Electric Manufacturing Company. (See Warren, Pickett L., assignor.)
- Royal Typewriter Company. (See Handley, George F., assignor.)
- Royal Typewriter Company. (See Handley, G. F., and Michelsen, assignors.)
- Royal Typewriter Company. (See Kittel, John J., assignor.)
- Royal Typewriter Company. (See Michelsen, William O., assignor.)
- Roe, Henry B., Birmingham, Mich. Paper box. 2,316,457; Apr. 13.
- Royce, John G., assignor to one-half to The Paterson Engineering Company Limited, London, England. Support for filtering apparatus. 2,328,231; Aug. 31.
- Royer, Thurber W., Dallas, Tex. Air mileage register for aircraft. 2,309,015; Jan. 19.
- Royer, William R., Wilkes-Barre, Pa. Tire chain and its application. 2,311,621; Feb. 16.
- Royer, William R., Wilkes-Barre, Pa. Tire chain. 2,316,718; Apr. 13.
- Royer, William R., Wilkes-Barre, Pa. Tire chain tool. 2,328,680; Sept. 7.
- Royston, Willard L., St. Augustine, Fla. Fish lure. 2,334,792; Nov. 23.
- Rozicki, Leonard E. (See Orlicki, Stanley E., assignor.)
- Ruan, Felix F. (See Molins, D. W., and Ruan.)
- Ruan, Felix F., assignor to Molins Machine Company Limited, Deptford, London, England. Cigarette making machine. 2,330,010; Sept. 21.
- Rubatex Products, Inc. (See Bascom, Roger C., assignor.)
- Rubatex Products, Inc. (See Cooper, Alfred, assignor.)
- Rubatex Products, Inc. (See Pfleumer, Hans, assignor.)
- Rubatex Products, Inc. (See Roberts, Dudley, assignor.)
- Rubber & Plastics Compound Company. (See Treve, Angiolo, assignor.)
- Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,310,320; Feb. 9.
- Rubel, Laurence E., assignor to Underwood and Underwood, Washington, D. C., Inc., Washington, D. C. Device for viewfinder transparencies. 2,313,453; Mar. 9.
- Rubel, Max J., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit controller. 2,337,130; Dec. 21.
- Ruben, Samuel, New Rochelle, N. Y. Dielectric for electrostatic condensers and condensers made therefrom. 2,308,545; Jan. 19.
- Ruben, Samuel, New Rochelle, N. Y. Dielectric for electrostatic condensers. 2,313,093; Mar. 9.
- Ruben, Samuel, New Rochelle, N. Y. Electrostatic condenser. 2,313,094; Mar. 9.
- Ruben, Samuel, New Rochelle, N. Y. Dielectric for electrostatic condensers. 2,327,372; Aug. 24.
- Ruben, Samuel, New Rochelle, N. Y. Electrodeposition of insulating material. 2,327,462; Aug. 24.
- Ruben, Samuel, New Rochelle, N. Y. Thermostatic switch. 2,336,504; Dec. 14.
- Ruben, Zorro D., Chicago, Ill. Engine. 2,316,107; Apr. 6.
- Rubens, Joseph G., and R. Laster, Brooklyn, assignors to Joe Lowe Corporation, New York, N. Y. Apparatus for sugar-coating articles. 2,336,298; Dec. 7.
- Rubens, Timothy, Farmington, assignor to Cheney Weeder Company, Cheney, Wash. Tillage implement. 2,322,256; June 22.
- Rubenstien, Wilton. (See Johnston, Harry.)
- Ruberoid Co., The. (See Hutten, Henry B., assignor.)
- Rubidge, David W. (See Buhler, E., and Rubidge.)
- Rubin, Abraham, Harrisburg, and G. A. Faber, Millersville, Pa., assignors to The Muskin Shoe Company, Baltimore, Md. Shoe manufacture. 2,314,425; Mar. 23.
- Rubin, Hyman B., New Haven, Conn. Interference suppressing circuit. 2,311,696; Feb. 23.
- Rubin, Louis C. (See Layng, E. T., and Rubin.)
- Rubin, Louis C. (See Layng, E. T., Rubin, and Ruth-ruff.)
- Rubino, Mark, New York, N. Y. Drip catching plate for individual portions of ice cream. 2,321,519; June 8.
- Rubino, Mark, New York, N. Y. Sealed tag and attaching means therefor. 2,331,233; Oct. 5.
- Rubinstein, Am. (See Johnston, Harry.)
- Rubinstein, Blanche. (See Johnston, Harry.)
- Rubinstein, Harry, Brooklyn, N. Y. Apparatus for making rayon cakes. 2,313,267; Mar. 9.
- Rubinstein, Harry, Brooklyn, N. Y. Making and treating rayon cakes. 2,313,268; Mar. 9.
- Rubinstein, Harry W., assignor to Globe-Union Inc., Milwaukee, Wis. Adjusting device for the tuning mechanism of radio receivers. 2,335,542; Nov. 30.
- Rubinstein, Louise. (See Johnston, Harry.)
- Rubinstein, Peggy. (See Johnston, Harry.)
- Rubissow, George A. (See Goldmerstein, Isaac, assignor.)
- Rubissow, George A. (See Nolde, George V., assignor.)
- Rubissow, George A., New York, N. Y. Throttle actuating device. 2,310,551; Feb. 9.
- Rubissow, George A., New York, N. Y. Molding by pulsating centrifugal force. 2,325,019; July 20.
- Rubissow, George A., New York, N. Y. Accelerator pedal device. 2,330,385; Sept. 28.
- Rubsam, Charles F., Tenafly, N. J. Counterbalancing means for automobile wheels. 2,329,854; Sept. 21.
- Ruch, Julius T., Indianapolis, Ind., assignor to Doughnut Corporation of America, New York, N. Y. Apparatus for deep fat cooking. 2,330,440; Nov. 16.
- Ruckman, Albert J., assignor to Chautauqua Cabinet Company, Mayville Village, N. Y. Drawer guide. 2,321,520; June 8.
- Rudd, Harold H., assignor to Railway and Industrial Engineering Company, Greensburg, Pa. Electrical bus system. 2,335,543; Nov. 30.
- Rudd, Maurice A., North Plainfield, E. V. Mott, Metuchen, N. J., and L. H. Rovers, Brooklyn, assignors to The Western Union Telegraph Company, New York, N. Y. Photographic facsimile recorder. 2,330,386; Sept. 28.
- Rudd, Wallace C., Yonkers, assignor to Induction Heating Corporation, New York, N. Y. Flow controlled switch. 2,307,304; Jan. 5.
- Rudd, Walter C., Yonkers, assignor to Consolidated Edison Company, Inc., New York, N. Y. Fuse construction. 2,323,006; June 29.
- Ruddies, George F., Chicago, Ill. Spark plug. 2,327,220; Aug. 17.
- Rude, John F., assignor to Blount Plow Works, Evansville, Ind. Spring tooth harrow. 2,333,586; Nov. 2.
- Rude, John F., assignor to Blount Plow Works, Evansville, Ind. Articulated and liftable toothed harrow. 2,336,152; Dec. 7.
- Ruder, William E., and B. M. Smith, Schenectady, N. Y., assignors to General Electric Company. Magnetic material heat treatment. 2,307,605; Jan. 5.
- Rudert, Lynn N., Saxonburg, and H. H. Talbot, said Talbot assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Flying hot saw. 2,332,013; Oct. 19.
- Rudick, Philip L., et al. (See Lebbe, Henry, assignor.)
- Rudnick, Benjamin, Huntington, assignor to Republic Aviation Corporation, Farmingdale, N. Y. Photo-mechanical negative. 2,321,046; June 8.
- Rudnick, Benjamin, Huntington, assignor to Republic Aviation Corporation, Farmingdale, N. Y. Method of line reproduction. 2,321,249; June 8.
- Rudolf, Edward. (See Budner, Joseph, assignor.)
- Rudolph, Charles. (See Semler, L. H., and Rudolph.)
- Rudolph, Charles W., Chicago, Ill., assignor to Diamond Iron Works, Incorporated, Minneapolis, Minn. Controlling movement of trucks into and from heated chambers of furnaces. 2,311,131; Feb. 16.
- Rudolph, John W., St. Louis, Mo. Folding machine. 2,311,085; Feb. 16.
- Rudolph, Walter, Stroudsburg, Pa. Automobile signal. 2,335,158; Nov. 23.
- Rudolph Wurlitzer Company, The. (See Farny, Cyril, assignor.)
- Rudolph Wurlitzer Company, The. (See Osborne, Fred H., assignor.)
- Rudin, Charles M., Elmhurst, Ill. Marine bulk-cargo unloading boom. 2,309,715; Feb. 2.
- Rudson-Wood Inc. (See Baumgarten, Paul, assignor.)
- Rue, Harold E., Wauwatosa, Wis., assignor to Pabst Brewing Company, Chicago, Ill. Container. 2,315,014; Mar. 30.
- Rue, Harold E., Wauwatosa, Wis., assignor to The Pabst Brewing Company, Chicago, Ill. Tool holder for cartons. 2,315,015; Mar. 30.
- Rueb, Theodore O., assignor to The Sherman-Klove Co., Chicago, Ill. Universal joint friction attachment. 2,327,821; Aug. 24.
- Rueb, Theodore O., assignor to The Sherman-Klove Co., Chicago, Ill. Friction joint. 2,334,039; Nov. 9.
- Ruebsaal, Clayton F. (See Hull, R. O., and Ruebsaal.)
- Ruedrich, Paul M. (See Lazar, A., Ruedrich and Frazier.)
- Ruegger, André, Levallois-Perret, France; vested in the Alien Property Custodian. Tilttable seat. 2,313,023; Mar. 2.
- Ruekberg, Herbert S., assignor to Elmer E. Mills Company, Chicago, Ill. Lipstick receptacle. 2,333,889; Nov. 9.
- Ruel, Hubert N. (See McDonald, J. R., and Ruel.)
- Ruemelin, Richard. (See Ruemelin, R., Jr., and Harris, assignors.)
- Ruemelin, Richard, Milwaukee, Wis. Golfer's putter. 2,321,773; June 15.

- Ruemelin, Richard, Milwaukee, Wis. Sandblast cabinet. 2,321,774; June 15.
- Ruemelin, Richard, and O. H. Harris, Milwaukee, Wis.; said Harris assignor to said Ruemelin. Dust arresting apparatus. 2,308,309; Jan. 13.
- Ruemelin, Richard, Jr., and O. H. Harris, assignors to R. Ruemelin, Milwaukee, Wis. Filter bag attaching means for dust arresting apparatus. 2,308,310; Jan. 12.
- Ruen, Henry C., Detroit, Mich., assignor, by mesne assignments, to Cleaners Hanger Company. Garment hanger. 2,326,685; Aug. 10.
- Rue, Fritz, (See Tischbein, W., Bayer, Nelles, and Ruf.)
- Ruf, Herman P., New York, N. Y. Core cutting machine. 2,337,274; Dec. 21.
- Ruf, Louis J., assignor to Ritter Company, Inc., Rochester, N. Y. Equipment stand. 2,329,824; Sept. 7.
- Ruf, Arthur J., Lorain, Ohio. Floor waxer. 2,307,858; Jan. 12.
- Ruge, Arthur C., Cambridge, Mass. Gauge. 2,316,975; Apr. 20.
- Ruge, Arthur C., Cambridge, Mass. Rosette type strain gauge. 2,318,102; May 4.
- Ruge, Arthur C., Cambridge, Mass. Rheostat. 2,321,322; June 8.
- Ruge, Arthur C., Cambridge, Mass. Strain responsive apparatus. 2,322,319; June 22.
- Ruge, Arthur C., Cambridge, Mass. Strain gauge with thermal current control. 2,334,843; Nov. 23.
- Rugeley, Edward W., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Stapling and crimping synthetic textile fibers. 2,327,460; Aug. 24.
- Rugby, Henry L., et al. (See Derrick, Oscar L., assignor.)
- Ruge, Harold H., and P. R. Pierson, Wilkensburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bus structure. 2,313,972; Mar. 16.
- Ruggeri, Peter, Odell, Ill. Tie puller. 2,317,806; Apr. 27.
- Rugiero, Vincent J., North Bergen, N. J. Coffee can filling machine funnel. 2,324,597; July 20.
- Rugh, Kenneth W., Detroit, Mich., assignor to Phillips Petroleum Company. Self-service system for storage and utilization of fuel gases. 2,309,869; Feb. 2.
- Ruhf, Albert F. (See Ranney, W. B., and Ruhf.)
- Rulgh, William L., Princeton, assignor to Merck & Co., Inc., Rahway, N. J. Heterocyclic nitrogen containing compounds, and processes for making the same. 2,317,303; Apr. 20.
- Rulst, John T., Göteborg, Sweden, assignor to SKF Industries, Inc., Philadelphia, Pa. Treadle roll for looms. 2,309,985; Feb. 2.
- Ruiz, Rafael G., Canlubang, Laguna, Philippine Islands; vested in the Alien Property Custodian. Submarine depth torpedo. 2,326,973; Aug. 17.
- Rule, Bruce II. (See Irwin, E. M., Rule, and Lewis.)
- Rule, Bruce H. (See Irwin, E. M., Lewis, Duval, Rule, and Chenoweth.)
- Rumbaugh, Hugh M., Pittsburgh, Pa. Ironer. 2,320,306; May 25.
- Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Polymerization of rosin and rosin esters. 2,307,641; Jan. 5.
- Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Sulphonated resin product and producing. 2,308,029; Jan. 12.
- Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Polymerization of rosin and rosin esters. 2,310,374; Feb. 9.
- Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Polymerization of acyclic terpenes in the presence of a phosphoric acid catalyst. 2,310,375; Feb. 9.
- Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Refining polymerized rosin and polymerized rosin esters. 2,322,316; June 22.
- Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Polymerization of rosin and rosin esters. 2,328,681; Sept. 7.
- Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Terpene derivatives. 2,329,486; Sept. 14.
- Rummier, Burke, et al. (See Rummier, Rudow, assignor.)
- Rummier, Burke, Cayucos, Calif. Book construction. 2,329,309; Sept. 14.
- Rummier, Jack, et al. (See Rummier, Rudow, assignor.)
- Rummier, Rudow, Jr. et al. (See Rummier, Rudow, assignor.)
- Rummier, Rudow, Chicago, Ill., assignor of one-fourth to B. Rummier, one-fourth to J. Rummier, one-fourth to R. Rummier, Jr., and one-fourth to W. Rummier, all of Cayucos, Calif. Sailing and sailing gear. 2,329,220; Sept. 14.
- Rummier, Wynfield et al. (See Rummier, Rudow, assignor.)
- Rumpel, Harvey H., assignor to Smith Engineering Works, Milwaukee, Wis. Gyratory crusher. 2,310,601; Feb. 9.
- Rumpf, Martin H., Uccle-Brussels, Belgium; vested in the Alien Property Custodian. Devices for the protection of the guiding surfaces of the slides of machine tools. 2,322,972; June 29.
- Runals, William T. (See Allen, R. W., and Runals.)
- Rundell, Rupert E., Rockville, Centre, N. Y., assignor to American Machine & Foundry Company. Pin holder for bowling pin setters. 2,310,996; Feb. 16.
- Rundell, Theodore W., Abington, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. Re. 22,326; May 25.
- Rundell, Theodore W., Abington, assignor to Philco Corporation, Philadelphia, Pa. Refrigerator. 2,310,872; Feb. 9.
- Rundell, Theodore W., Abington, assignor to Philco Corporation, Philadelphia, Pa. Refrigerator construction. 2,313,671; Mar. 9.
- Rundell, Theodore W., Abington, assignor to Philco Corporation, Philadelphia, Pa. Refrigerator construction. 2,331,845; Oct. 12.
- Rundell, Theodore W., Jenkintown, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Refrigerator door and gasket construction. 2,307,159; Jan. 5.
- Rundquist, Carl A., Chicago, Ill. Collapsible wind-spray shield. 2,308,109; Jan. 12.
- Runge, Frank E., Oaklyn, N. J., assignor to Radio Corporation of America. Phonograph. 2,325,708; Aug. 3.
- Runge, Frank E., Indianapolis, Ind., assignor to Radio Corporation of America. Phonographic apparatus. 2,326,499; Aug. 10.
- Runquist, Ernest M., and L. A. Ederer, assignors to R. J. Ederer Company, Chicago, Ill. Packaging machine. 2,320,798; June 1.
- Runton, Leslie A., Andover, Mass. Silver forming machine. 2,324,539; July 20.
- Runyay, Bernie A., Quenemo, Kans. Animal trap. 2,314,247; Mar. 16.
- Ruoho, Armas A. (See Schulze, W. A., Ruoho, and Short.)
- Rupert, Andreas. (See Widmer, G., and Rupert.)
- Rupp, Herbert E., Springfield Township, Richland County, Ohio. Self-priming centrifugal mine pump. 2,313,585; Mar. 9.
- Rupp, John L., Lancaster, N. Y., assignor to National Battery Company, St. Paul, Minn. Vent plug for storage batteries. 2,309,331; Jan. 26.
- Rupp, Walter H., Elizabeth, N. J., assignor to Standard Oil Development Company. Refining of mineral oils. 2,324,954; July 20.
- Rupp, Walter H., Mountaine, N. J., assignor to Standard Oil Development Company. Refining of mineral oils. 2,322,814; Oct. 26.
- Rupp, Walter H., Elizabeth, and K. E. Thorp, Union, N. J., assignors to Standard Oil Development Company. Refining process. 2,324,112; July 13.
- Rupp, Walter H., Mountaine, and M. R. Smith, Westfield, N. J., assignors to Standard Oil Development Company. Removing water from hydrocarbon vapors. 2,324,955; July 20.
- Rupp, William C., Parma, assignor to The Chandler & Price Company, Cleveland, Ohio. Platen printing press. 2,320,100; May 25.
- Ruppe, Hugo, Berlin, Germany; vested in the Alien Property Custodian. Magneto. 2,322,973; June 20.
- Ruppel, Frederick H., Pasadena, Calif. Building construction and unit therefor. 2,321,860; June 15.
- Ruppel, Harry W., assignor to The Foote-Burt Company, Cleveland, Ohio. Stock feed for automatic screw machines. 2,310,259; Feb. 9.
- Rupprecht, Joseph A., Seattle, Wash. Walker mechanism for invalids. 2,327,671; Aug. 24.
- Ruppin, Mabel L. (See Ruppin, Robert, assignor.)
- Ruppin, Robert, assignor of one-half to M. L. Ruppin, Lancaster, Pa. Cover mounting. 2,335,793; Nov. 30.
- Rupprecht, Louis. (See Sheldon, William M., assignor.)
- Rus, Albert F. (See Nowell, K. P., and Rus.)
- Rusch, Herman C. (See Benick, A., and Rusch.)
- Rusco, Esborn, Moline, Ill., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Marker mechanism. 2,331,730; Oct. 12.
- Rush, Erwin E., Indianapolis, Ind. Strainer funnel. 2,331,234; Oct. 5.
- Rush, Harry A., Glendale, Calif. Electric water heater. 2,319,266; May 18.
- Rush, Harry A., Glendale, Calif. Electric water heater. 2,319,477; May 18.
- Rushing, Frank C., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Low frequency resilient mounting. 2,313,893; Mar. 16.
- Ruska, Ernst, Berlin-Spandau, Germany; vested in the Alien Property Custodian. Magnetic lenses for electron-optical apparatus. 2,330,628; Sept. 28.
- Ruska, Walter A. (See McDonald, J. S., and Ruska.)
- Ruskin, Simon L., New York, N. Y. Salts of dextro-ascorbic acid and preparing same. 2,312,193; Feb. 23.
- Ruskin, Simon L., New York, N. Y. Therapeutic preparation comprising metal and metalloid compounds of thiamin. 2,338,062; Dec. 28.
- Russ, Charles T., Norwich, Conn. Highway marker. 2,329,171; Sept. 7.
- Russ, Charles T., Hartford, Conn. Torpedo shield for ships. 2,331,933; Oct. 19.
- Russel, Philip S. (See Foulds, A. K., and Russel.)
- Russel, Philip S. (See Landon, W. S., and Russel.)

- Russel, Philip S., assignor to Detroit Lubricator Company, Detroit, Mich. Heating system. 2,310,484; Feb. 9.
- Russel, Philip S., assignor to Detroit Lubricator Company, Detroit, Mich. Apparatus for and method of air conditioning. 2,314,558; Mar. 23.
- Russel, Philip S., assignor to Detroit Lubricator Company, Detroit, Mich. Liquid level controlling means. 2,317,550; Apr. 27.
- Russell, Alfred W., Farmingdale, and P. J. Witte, New York, assignors to Tyler Laboratories, Incorporated, Brooklyn, N. Y. Iodine compound for animal feeding. 2,331,424; Oct. 12.
- Russell, Arthur G., Foleshill, Coventry, England. Reinforced concrete structure. 2,334,355; Nov. 16.
- Russell, Arthur L., Boston, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Bonding by adhesive. 2,313,892; Mar. 16.
- Russell, Arthur L., Boston, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Finishing shoe uppers. 2,335,360; Nov. 30.
- Russell, Arthur L., and W. M. Watson, Boston, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Shoemaking method. 2,318,103; May 4.
- Russell, Arthur L., Boston, and W. M. Watson, Danvers, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Toe pulling pincer device. 2,318,104; May 4.
- Russell, Arthur O. (See Reichel, F. H., Craver, and Russell.)
- Russell, Arthur O., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Process and apparatus for handling material. 2,326,173; Aug. 10.
- Russell, Charles H., McKeesport, Pa. Furnace door. 2,327,130; Aug. 17.
- Russell, Charles P., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Condensing unit. 2,337,624; Dec. 28.
- Russell, Clyde D., Oakland, assignor to California Packing Corporation, San Francisco, Calif. Siruping valve. 2,321,104; June 8.
- Russell, Emory S., Auburn, N. Y. Slide calculator. 2,323,937; July 13.
- Russell, Francis H., Arlington, Mass. Machine for the assembly of freshly prepared food. 2,315,659; Apr. 6.
- Russell, Francis R. (See Kuhl, P. E., and Russell.)
- Russell, Frank E. (See McCormick, G., and Russell.)
- Russell, Fred E., Milton, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Outsole for shoes. 2,333,201; Nov. 2.
- Russell, Harold D., and H. A. Miller, assignors to Eastman Kodak Company, Rochester, N. Y. Reversal duplicating process. 2,327,822; Aug. 24.
- Russell, Howard W., and Lloyd B. Jackson, Columbus, Ohio, assignors, by mesne assignments, to Heppental Company, Pittsburgh, Pa. Silver-containing free-machining die steel. 2,327,561; Aug. 24.
- Russell, James H., assignor, by mesne assignments, to A. de Luca, St. Louis, Mo. Garment hanger. 2,326,256; Aug. 10.
- Russell, John, assignor to Eastman Kodak Company, Rochester, N. Y. Sensitive material. 2,336,299; Dec. 7.
- Russell, John D., Sugar Creek Township, Venango Co., Pa. Shuttle car. 2,317,644; Apr. 27.
- Russell, John D., Sugar Creek Township, Venango County, Pa., assignor to Joy Manufacturing Company. Steering mechanism. 2,337,002; Dec. 14.
- Russell, John K., assignor to Luber-Finer, Inc., Los Angeles, Calif. Filter housing. 2,333,890; Nov. 9.
- Russell, Julian G., North Chattanooga, Tenn., assignor, by mesne assignments, to Union Special Machine Company, Chicago, Ill. Needle holder. 2,319,829; May 25.
- Russell, Kenneth L., Nutley, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Purification of organic substances. 2,316,719; Apr. 13.
- Russell, Lawrence H., Saginaw, Mich. Lock for knife switches. 2,328,848; Sept. 7.
- Russell, Lewis E., Catonsville, Md., assignor to Doughnut Corporation of America, New York, N. Y. Method of and apparatus for making ball doughnuts. 2,310,463; Feb. 9.
- Russell, Linus E. (See Peters, G. E., and Russell.)
- Russell, Linus E., assignor to Peters & Russell, Inc., Springfield, Ohio. Exhaust pipe shroud. 2,313,772; Mar. 16.
- Russell Manufacturing Company, The. (See Hendley, James A., assignor.)
- Russell Manufacturing Company, The. (See Walters, Gustav, assignor.)
- Russell, Mark N., and S. Keilen, assignors to Pass & Seymour, Inc., Syracuse, N. Y. Electric switch. 2,318,015; May 4.
- Russell, Neil W. (See Mjolsness, H., and Russell.)
- Russell, Phillip W. (See Powers, J. M., and Russell.)
- Russell, Phillip W., assignor to J. M. Powers, Cleveland Heights, Ohio. Candle burning device. 2,316,812; Apr. 20.
- Russell, Ralph C., Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dispensing package. 2,322,594; June 22.
- Russell, Robert C., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Valve construction. 2,329,087; Sept. 7.
- Russell, Robert C., Cleveland Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Safety device for vehicle brake systems. 2,337,417; Dec. 21.
- Russell, Robert P. (See Fischer, H. G. M., and Russell.)
- Russell, Robert P., Short Hills, N. J., assignor to Standard Oil Development Company. Production of motor fuels. 2,322,664; June 22.
- Russell, Samuel I., Chicago, Ill. Thermostat. 2,331,425; Oct. 12.
- Russell, Stanley, Racine, Wis., assignor to The Ohio Cultivator Company, Bellevue Ohio. Combine baler. 2,327,067; Aug. 17.
- Russell, Stanley D., assignor to J. I. Case Company, Racine, Wis. Sealing device. 2,321,250; June 8.
- Russell, Victor J. S. (See Moss, E. B., and Russell.)
- Russell, William H., Varina, N. C. Staple driver. 2,336,961; Dec. 14.
- Russell, William J., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Toaster. 2,320,951; June 1.
- Russell, William L., assignor to Well Surveys, Incorporated, Tulsa, Okla. Geophysical prospecting. 2,328,890; June 1.
- Russell, William W. (See Huey, H. I., Killam and Russell.)
- Russell, William W. (See Huey, H. I., and Russell.)
- Russo, Jack, et al. (See Graziano, Joseph, assignor.)
- Rust, Frederick F. (See Vaughan, W. E., and Rust.)
- Rust, John B., Verona, N. J., assignor to Ellis-Foster Company. Polymeric acid compounds and making same. 2,310,038; Feb. 2.
- Rust, John B., Verona, N. J., assignor to Ellis-Foster Company. Textile treating process. 2,315,135; Mar. 30.
- Rust, John B., Verona, N. J., assignor to Montclair Research Corporation. Textile treating chemical and making it. 2,333,623; Nov. 2.
- Rust, Noel M., Chelmsford, J. J. Brailsford, London, and E. F. Goodenough, Springfield, Chelmsford, England, assignors to Radio Corporation of America. Band-pass amplifier circuits. 2,310,910; Feb. 9.
- Rustless Iron and Steel Corporation. (See Arness, William B., assignor.)
- Rustless Iron and Steel Corporation. (See Feild, Alexander L., assignor.)
- Rustless Iron and Steel Corporation. (See Ostrofsky, James N., assignor.)
- Rustless Iron and Steel Corporation. (See Stevens, George, assignor.)
- Ruth, Arthur P. (See Brown, S. A., and Ruth.)
- Ruthardt, Konrad. (See Auwärter, M., Jedeke, and Ruthardt.)
- Ruthenburg, Louis, Evansville, Ind., assignor to Serval, Inc., New York, N. Y. Refrigerator. 2,309,217; Jan. 26.
- Rutherford, John T. (See Farrington, B. B., Clayton and Rutherford.)
- Rutherford, Robert E. (See Koch, S. J., and Rutherford.)
- Rutherford, Susan P., administratrix. (See Phillips, G. M., and Rutherford (W. P.))
- Rutherford, William P., administrator. (See Phillips, G. M., and Rutherford (W. P.))
- Ruthman, Edward J., Cincinnati, Ohio. Motor housing. 2,309,670; Feb. 2.
- Ruthoff, Robert F. (See Layng, E. T., Rubin, and Ruthoff.)
- Ruthuff, Robert F., Chicago, Ill. Manufacture of diolefin. 2,307,240; Jan. 5.
- Ruthuff, Robert F., Chicago, Ill. Motor fuel and preparation thereof. 2,309,986; Feb. 2.
- Ruthuff, Robert F., Chicago, Ill. Motor fuel and preparation thereof. 2,309,987; Feb. 2.
- Ruthuff, Robert F., Chicago, Ill. Catalytic combination process. 2,312,445; Mar. 2.
- Ruthuff, Robert F., Chicago, Ill. Alkylation process and catalyst therefor. 2,316,108; Apr. 6.
- Ruthuff, Robert F., Chicago, Ill. Cleansing agent and the manufacture thereof. 2,318,555; May 4.
- Ruthuff, Robert F., Chicago, Ill. Catalysts and preparation thereof. 2,320,799; June 1.
- Ruthuff, Robert F., Chicago, Ill. Catalysts and the preparation thereof. 2,323,728; July 6.
- Ruthuff, Robert F., Chicago, Ill. Destructive isomerization. 2,337,418; Dec. 21.
- Ruthuff, Robert F., Nutley, N. J. Thermal treatment of drying oils. 2,310,997; Feb. 16.
- Ruthven, William, Oak Park, Ill., assignor to Allied Control Company, Inc., New York, N. Y. Manufacture of self-locking nuts. 2,330,999; Oct. 5.
- Rutishauser, Georg, Basel, Switzerland; vested in the Alien Property Custodian. Method and apparatus for the production of curled threads from cellulose acetate. 2,326,174; Aug. 10.
- Rutledge, Eric A., Troy, assignor to Rensselaer Valve Company, Cohoes, N. Y. Valve and means for operating the same. 2,326,686; Aug. 10.
- Rutledge, Eric A., Troy, assignor to Rensselaer Valve Company, Cohoes, N. Y. Valve operating mechanism. 2,329,788; Sept. 21.
- Rutledge, Frank I., Pittsburgh, Pa. Casting reel. 2,325,324; July 13.
- Rutledge, Robert G., Ann Arbor, Mich. Stove construction. 2,314,248; Mar. 16.

- Ratten, Paul G., United States Army. Device for removing and installing camshaft bushings. 2,317,405; Apr. 27.
- Rittenauer, Alfred, and O. Fritze, Berlin-Wilmersdorf, Germany, assignors to General Electric Company. Fluorescent material. 2,316,366; Apr. 13.
- Rutman, Alfred, and H. N. Deane, assignors to Simplex Time Recorder Co., Gardner, Mass. Electrically operated workman's time recorder. 2,330,387; Sept. 28.
- Ruys, Jan D., Pittsburgh, R. L. Kittle, Concord, F. W. Heath, Pittsburgh, and W. H. Dietz, Concord, assignors to Shell Development Company, San Francisco, Calif. Purification of salt solutions. 2,331,235; Oct. 5.
- Ruzicka, Leopold, Zurich, Switzerland, assignor, by mesne assignments, to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Endoesters of the saturated and unsaturated pregnane-20-ones and conversion of acetylene derivatives. 2,315,817; Apr. 6.
- Ruzicka, Leopold, Zurich, Switzerland, assignor, by mesne assignments, to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Hydrated acetylene derivatives of the cyclopentanopolycyclohexanthrene series and preparing same. 2,318,105; May 4.
- Ruzicka, Leopold, Zurich, Switzerland, assignor, by mesne assignments, to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Compounds of the hormone series. 2,332,815; Oct. 26.
- Ruzicka, Leopold, Zurich, and A. Wettstein, Basel, Switzerland, assignors, by mesne assignments, to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Polynuclear cyclic oxyketones and derivatives thereof and making same. 2,308,833; Jan. 19.
- Ruzicka, Leopold, Zurich, and A. Wettstein, Basel, Switzerland, assignors, by mesne assignments, to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Polynuclear cyclic oxyketones and derivatives thereof and making same. 2,308,834; Jan. 19.
- Ruzicka, Leopold, Zurich, and A. Wettstein, Basel, Switzerland, assignors, by mesne assignments, to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Polynuclear cyclic oxyketones and derivatives thereof and making same. 2,308,835; Jan. 19.
- Ruzicka, Leopold, Zurich, and M. Goldberg, Zurich, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Tetracyclic compounds and making same. 2,324,881; July 20.
- Ruzicka, Leopold, Zurich, and A. Wettstein, Basel, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Compounds of the cyclopentanopolycyclohexanthrene series and making same. 2,333,202; Nov. 2.
- Ruzicka, Leopold, and M. W. Goldberg, Zurich, Switzerland, assignors to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Tetracyclic compounds and making same. 2,334,291; Nov. 16.
- Ryals, Thomas A., Luray, Tenn. Door antirattler. 2,337,350; Dec. 21.
- Ryan, Aeronautical Company, The. (See Haver, Ralph L., assignor.)
- Ryan Aeronautical Co., The. (See Ortiz, Raymond, assignor.)
- Ryan, Alden H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High-frequency apparatus. 2,318,106; May 4.
- Ryan, Alden H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tuning short-wave hollow-body resonator apparatus. 2,323,729; July 6.
- Ryan, August R., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,331,731; Oct. 12.
- Ryan, Charles F., Egan, Ill. Snapping roll release for corn pickers and the like. 2,307,804; Jan. 12.
- Ryan, Commodore D. (See Drake, E. P., and Ryan.)
- Ryan, Commodore D., Los Angeles, Calif. assignor to National Postal Meter Company, Inc., Rochester, N. Y. Article handling device. 2,317,645; Apr. 27.
- Ryan, Commodore, D., and H. L. Atherton, Los Angeles, Calif. assignors to National Postal Meter Company, Inc., Rochester, N. Y. Setting mechanism. 2,312,269; Feb. 23.
- Ryan, Donald T., Beloit, Wis. Football goggles. 2,321,159; June 8.
- Ryan, Floyd W., Jr., Dalton, N. Y. Pump. 2,307,160; Jan. 5.
- Ryan, Francis M., assignor to Norton Company, Worcester, Mass. Composite grinding wheel. 2,309,016; Jan. 19.
- Ryan, George F., Peabody, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Method used in the manufacture of shoes. 2,320,475; June 1.
- Ryan, Hortense M. (See Moore, Allie H., assignor.)
- Ryan, James M., Pearsall, Tex. Gas and oil burner. 2,315,547; Apr. 6.
- Ryan, Joseph D. (See Conklin, F. R., and Ryan.)
- Ryan, Joseph D., assignor to Libby-Owens-Ford Glass Company, Toledo, Ohio. Producing laminated safety glass. 2,337,275; Dec. 21.
- Ryan, Joseph D., and G. B. Watkins, assignors to Libby-Owens-Ford Glass Company, Toledo, Ohio. Laminated safety glass. 2,330,313; Sept. 28.
- Ryan, Joseph R. (See Kauffmann, H. O., Margulies, and Ryan.)
- Ryan, Lillian L., Brookline, Mass. Hair curler. 2,335,086; Nov. 23.
- Ryan, Lonnie W., Westfield, N. J., and W. J. Cauwenberg, Piney River, Va., assignors to Inter-Chemical Corporation, New York, N. Y. Treating titanium sulphate solutions. 2,309,968; Feb. 2.
- Ryder, Thomas A., Mount Vernon, assignor to Zadek-Feldstein Co., Inc., New York, N. Y. Child's feeding dish. 2,322,665; June 22.
- Ryan, William H., River Forest, Ill. Pants presser. 2,317,406; Apr. 27.
- Ryan, William J., Wilmington, and M. T. Kendall, Long Beach, Calif., assignors, by mesne assignments, to The Texas Company, New York, N. Y. Treatment of cracked hydrocarbon distillates. 2,315,738; Apr. 6.
- Rybak, William E., Cleveland, Ohio. Body and fender pickup tool. 2,319,478; May 18.
- Ryden, Eric H., Bedford, and F. R. Higley, Cleveland Heights, assignors to The Bryant Heater Company, Cleveland, Ohio. Forced air heater. 2,324,540; July 1.
- Ryder, Charles D., Covington, assignor to The Grotelite Company, Bellevue, Ky. Self-locking plastic injection mold. 2,319,479; May 18.
- Ryder, Charles D., Covington, assignor to The National Colortype Company, Bellevue, Ky. Fastening device. 2,330,153; Dec. 7.
- Ryder, Charles D., assignor to The National Colortype Company, Bellevue, Ky. Fastening device. 2,327,605; Aug. 24.
- Ryder, Earl. (See Parsons, J. A., Jr., and Ryder.)
- Ryder, Edward B., Jr., East Greenwich, R. I., assignor to The Apponaug Company. Dye beck. 2,320,891; June 1.
- Ryder, John D. (See Jenkins, R. D., Ryder, and Luhrs.)
- Ryder, John D., Soland Heights, Ohio, assignor to Bailey Meter Company. Telemetric system. 2,317,807; Apr. 27.
- Ryder, John D., Ames, Iowa, assignor to Bailey Meter Company. Measuring apparatus. 2,331,138; Oct. 5.
- Ryder, John D., Ames, Iowa, assignor to Bailey Meter Company. Measuring system. 2,333,393; Nov. 2.
- Rydmark, Joseph A. (See Lloyd, W. H., and Rydmark.)
- Rydmark, Josef, Landsdown, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade fastening apparatus. 2,317,338; Apr. 20.
- Rydner, Gustaf, assignor to General Motors Corporation, Detroit, Mich. Shipping dock board. 2,329,855; Sept. 21.
- Ryerson, Theodore M. (See Collins, Calhoun, assignor.)
- Ryland, Lloyd B. (See Tumble, Miroslav, and Ryland.)
- Rylander, Andrew E., Detroit, Mich., assignor to Midland Steel Products Company, Cleveland, Ohio. Portable riveter suspension. 2,317,224; Apr. 20.
- Rylander, Andrew E., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Assembly apparatus. 2,327,063; Aug. 17.
- Rypinski, Albert B., Laureiton, assignor to Metropolitan Device Corporation, Brooklyn, N. Y. Circuit breaker. 2,336,036; Dec. 7.
- Rypinski, Albert B., Laureiton, assignor to Metropolitan Device Corporation, Brooklyn, N. Y. Circuit breaker. 2,336,037; Dec. 7.
- Ryphina, Martin, Sandstone, Minn., assignor of one-half to E. Holzmagel, Highway line crusher and loosener. 2,319,520; May 18.
- Rysdon, Lorraine, et al. (See Jolivet, David H., assignor.)
- Rysdon, Max L., et al. (See Jolivet, David H., assignor.)
- Rysdon, Minerva L., et al. (See Jolivet, David H., assignor.)
- Ryzmek, Ignacy A., West Trenton, N. J. Ear pick. 2,331,732; Oct. 12.
- Ryzowitz, John P., Wallington, assignor to The Okonite Company, Passaic, N. J. Ignition cable. 2,325,549; July 27.
- Rzeppa, Alfred H., Grosse Pointe, Mich. Sealing means for universal joints. 2,323,569; July 6.
- Rzeppa, Alfred H., Grosse Pointe, assignor to The Gear Grinding Machine Company, Hamtramck, Mich. Cage slot grinder. 2,307,640; Jan. 5.
- SKF Industries, Inc. (See Hjärpe, E. G., and Törnebohm, assignors.)
- SKF Industries, Inc. (See Ruist, John T., assignor.)
- S. M. A. Corporation. (See Szabo, Lester J., assignor.)
- S. & S. Corrugated Paper Machinery Co. (See Cohen, Harry L., assignor.)
- S. & S. Corrugated Paper Machinery Company. (See Jacobson, Charles, assignor.)
- S. & S. Corrugated Paper Machinery Co. (See Shields, Albert F., assignor.)
- S. & S. Corrugated Paper Machinery Co., Inc. (See Shields, Albert F., assignor.)
- S. V. H. Corporation. (See Johnson, Lane, assignor.)
- S & W Fine Foods, Inc. (See Carroll, Ellsworth W., assignor.)
- S & W Fine Foods, Inc. (See Steinwand, Otto J., assignor.)
- S & Z Manufacturing Company. (See Kruckow, Blanche, assignor.)
- Saathoff, George W., South Orange, N. J. Combustion control system. 2,328,498; Aug. 31.

- Saathoff, George W., South Orange, N. J. Control system for vapor generators. 2,328,499; Aug. 31.
- Sabalitschka, Theodor, Berlin-Steglitz, Germany, assignor to Heyden Chemical Corporation, New York, N. Y. Production of dry alkali metal phenolates. 2,612,001; Feb. 23.
- Sabel, Isadore, Philadelphia, Pa., and L. S. Macdonald, Brockton, Mass. Golf shoe. 2,315,874; Apr. 6.
- Sabel, Isadore, West Philadelphia, Pa., and L. S. Macdonald, Brockton, Mass. Orthopedic shoe. 2,320,800; June 1.
- Sabol, Ernest J., Worcester, Mass., assignor to The American Steel and Wire Company, New Jersey. Rail bond and making the same. 2,333,046; Oct. 26.
- Sabini, Frederick, Salem, N. J. Irritant gas discharge device. 2,317,942; Apr. 27.
- Sabins, Rolland C., Columbus, Ohio. Burner. 2,307,859; Jan. 12.
- Sabins, Rolland C., Seattle, Wash., assignor to Oil Devices, Santa Fe, N. Mex. Oil burner construction. Re. 2,232; June 8.
- Sabo, Alexander. (See Smith, F. A., and Sabo.)
- Sabol, Ernest J., Pittsburgh, assignor, by mesne assignments to A. G., J. R., and T. F. Wilson, Wilkensburg, Pa., co-partners trading as Hanlon & Wilson Company. Rail bond terminal pin. 2,311,873; Feb. 23.
- Sabol, Ernest J., Pittsburgh, assignor, by mesne assignments to A. G., J. R., and T. F. Wilson, Wilkensburg, Pa., co-partners trading as Hanlon & Wilson Company. Rail bond terminal. 2,311,874; Feb. 23.
- Sabol, Ernest J., Pittsburgh, assignor, by mesne assignments to A. G., J. R., and T. F. Wilson, Wilkensburg, Pa., co-partners trading as Hanlon & Wilson Company. Rail bond terminal. 2,314,737; Mar. 23.
- Sacharoff, Leo S. (See Mandalou, Nick, assignor.)
- Sachs, John M., et al. (See Ross, Charles, assignor.)
- Sackner, Wade E., assignor to Grand Rapids Fibre Cord Company, Grand Rapids, Mich. Filler strip. 2,315,818; Apr. 6.
- Sacks, Eli. (See Greenwald, Max.)
- Sacksteder, Abner F., Chicago, Ill. Change dispenser. 2,337,625; Dec. 28.
- Saco-Loewell Shops. (See Burman, Oscar F. Jr., assignor.)
- Saco-Loewell Shops. (See Cabot, Deane A., assignor.)
- Saco-Loewell Shops. (See Cotchett, L. M., and Kennedy, assignors.)
- Saco-Loewell Shops. (See Gwaltney, E. C., and West, assignors.)
- Saco-Loewell Shops. (See Kennedy, J. A. (assignor), and Bourassa.)
- Saco-Loewell Shops. (See Shaw, Benjamin C., assignor.)
- Saco-Loewell Shops. (See Shaw, William, assignor.)
- Sadler, Edward P., assignor of one-half to C. M. Wheeler, Louisville, Ky. Coffee maker. 2,323,283; June 29.
- Sadowicz, Charles, New York, N. Y. Airplane spotter. 2,333,078; Nov. 9.
- Sadtler, Philip B., Birmingham, Ala., assignor to Goshlin-Birmingham Manufacturing Company, Inc. Pump for evaporating systems. 2,313,269; Mar. 9.
- Saeks, Reuben R. (See Carson, R. M., and Sacks.)
- Safe Delay Switch Corporation. (See Mudon, Thomas J., assignor.)
- Safe Play Company. (See McKenna, Jay G., assignor.)
- Safety Car Heating and Lighting Company, The. (See Kennedy, John J., assignor.)
- Safety Car Heating and Lighting Company, The. (See Schepmoes, Lindsley, assignor.)
- Safety Car Heating and Lighting Company, The. (See Strobell, John D., assignor.)
- Safety Car Heating and Lighting Company, The. (See Von Ohlsen, Louis H., assignor.)
- Safety Car Heating and Lighting Company, The. (See Von Ohlsen, L. H., and Kennedy, assignors.)
- Safety Tank Truck Corporation, The. (See Scott, C. H., and P. H., assignors.)
- Safety Vulcanizer Company. (See Chambers, Perry O., assignor.)
- Saffir, Jacob A., Chicago, Ill., assignor to The Dentists' Supply Company of New York, New York, N. Y. Mounting artificial teeth. 2,308,467; Jan. 12.
- Safford, Lewis A., Watertown, N. Y., assignor to The New York Air Brake Company. Lubricator. 2,322,544; June 22.
- Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. Extrusion head. 2,331,139; Oct. 5.
- Safford, Truman S., Riverside, Conn. Refrigeration apparatus. 2,319,349; May 18.
- Safford, Truman S., Greenwich, Conn. Refrigerator control. 2,335,967; Dec. 7.
- Safride, Ltd. (See Yoorbles, Roy K., assignor.)
- Saf-T-Dot Marker Corporation. (See Foster, R., and Shafer, assignors.)
- Sagamor Metal Goods Corporation. (See Landwehr, Richard F., assignor.)
- Sager, Solomon M., Chicago, Ill. Fountain pen. 2,325,550; July 27.
- Sagstetter, William H., Denver, Colo. Brake beam strut. 2,330,748; Sept. 28.
- Saheurs, Albert G., Barenton, France; vested in the Allen Property Custodian. Process and apparatus for treatment of fluids. 2,313,494; Mar. 9.
- Sahlberg, Rolf K. O., New York, N. Y. Boltless wood connection. 2,323,844; July 6.
- Sahlm, Eric A., Harrington Park, N. J., assignor to Otis Elevator Company, New York, N. Y. Guide for elevators. 2,308,210; Jan. 12.
- Sahlm, Eric A., Harrington Park, N. J., assignor to Otis Elevator Company, New York, N. Y. Car locking device. 2,316,976; Apr. 20.
- Sahlm, Henry, assignor to General Motors Corporation, Detroit, Mich. Material handling device. 2,320,659; June 1.
- Sahlmann, Max, assignor to Losala, Inc., New York, N. Y. Ear protecting device. 2,325,150; July 27.
- Sahr, Benjamin F., Hutchinson, Minn. Clamp for dental impression trays. 2,315,660; Apr. 6.
- Sailer, Rudolph J., Townley, N. J., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Attachment holder for sewing machines. 2,319,191; May 11.
- Sailer, Rudolph J., Townley, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine work-guide. 2,334,150; Nov. 9.
- St. Charles Manufacturing Co. (See Waller, Alfred F., assignor.)
- St. Clair, Leo J., East Orange, N. J. Tool and making the same. 2,308,569; Jan. 19.
- St. Clair, Mitzi V., Chicago, Ill. Shield. 2,335,706; Nov. 30.
- St. Clair, Theodore A., Pontiac, Mich., assignor to Phillips Petroleum Company. Dispensing system. 2,308,122; Jan. 12.
- St. Clair, Theodore A., Pontiac, Mich., assignor to Phillips Petroleum Company. Charge former. 2,315,879; Apr. 6.
- St. Clair, Theodore A., Pontiac, Mich., assignor to Phillips Petroleum Company. Low pressure automatic change-over device. 2,318,261; May 4.
- St. Hilaire, Albert B., Paris, France; vested in the Allen Property Custodian. Manufacturing phonographic disks. 2,332,945; Oct. 26.
- St. Hilaire, Albert B., Paris, France; vested in the Allen Property Custodian. Apparatus for manufacturing phonographic disks. 2,332,946; Oct. 26.
- St. Joe Machines, Inc. (See Myers, Wayne E., assignor.)
- St. John, Henry W., Greenville, S. C. Conditioning bag. 2,334,360; Nov. 16.
- St. John, Raymond A. (See Schmidt, W. D., and St. John.)
- St. Joseph Loan & Trust Company. (See Davis, H. E., and Werner.)
- St. Leger, Antonia, Moscia-Ascona, Switzerland. Manufacturing alcohol from peat. 2,312,196; Feb. 23.
- St. Louis, Charles V., Oak Park, assignor to Wilson-Jones Company, Chicago, Ill. Punch. 2,318,900; May 11.
- St. Louis, Charles V., assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,324,244; July 13.
- St. Palley, Zoltan O. (See Temple, E. J., and St. Palley.)
- St. Palley, Zoltan O., Pittsfield, Mass., assignor to General Electric Company. Regulating circuit. 2,329,229; Sept. 14.
- St. Palley, Zoltan O., Pittsfield, Mass., assignor to General Electric Company. Transformer system. 2,330,088; Sept. 21.
- St. Paul Hydraulic Hoist Company. (See Merchant, Donald R., assignor.)
- St. Paul Machinery Manufacturing Company. (See Kirby, J. H., and Grumke, assignors.)
- St. Pierre, Eugene. (See Hutton, A. L., Jr., Green, and St. Pierre.)
- St. Pierre, Eugene, Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Method and machine for knitting. 2,315,166; Mar. 30.
- St. Pierre, Eugene, Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitting. 2,333,882; Nov. 9.
- St. Pierre, Eugene, Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitted fabric. 2,337,211; Dec. 21.
- St. Pierre, Eugene and N. H. Smith, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Knitted fabric. 2,308,121; Jan. 12.
- St. Pierre, Eugene, and D. H. Fregeolle, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Method of knitting. 2,315,165; Mar. 30.
- St. Regis Paper Company. (See Bushman, Robert P., assignor.)
- St. Regis Paper Company. (See Contryman, Theron A., assignor.)
- St. Regis Paper Company. (See Crawford, Harry H., assignor.)
- St. Regis Paper Company. (See Lee, Harry E., assignor.)
- St. Regis Paper Company. (See Lee, H. E., and Holter, assignors.)
- St. Regis Paper Company. (See Peterson, William R., assignor.)
- Sakai, Kazuma. (See Okamura, Tadao, and Sakai.)
- Saks, Ira. (See Rose, Otto, assignor.)
- Salander, Abraham B., New York, N. Y. Foot corrective device. 2,332,473; Oct. 19.

- Salathé, Edward, Los Angeles, and M. C. Farrell, Glendale, Calif. Battery. 2,329,856; Sept. 21.
- Salathé, Frederick Jr., assignor of one-half to J. P. Tabball, Los Angeles, Calif. Gut string with wear resisting coating. 2,307,470; Jan. 5.
- Salathiel, Richard A., Houston, Tex., assignor to Standard Oil Development Company. Process and agent for breaking petroleum emulsions. 2,312,731; Mar. 2.
- Salathiel, Richard A., Houston, Tex., assignor to Standard Oil Development Company. Process and agent for breaking petroleum emulsions. 2,312,732; Mar. 2.
- Salathiel, Richard A., Houston, Tex., assignor to Standard Oil Development Company. Process and agent for breaking petroleum emulsions. 2,312,733; Mar. 2.
- Salathiel, Richard A., Houston, Tex., assignor to Standard Oil Development Company. Process and agent for breaking petroleum emulsions. 2,312,734; Mar. 2.
- Salathiel, Richard A., Houston, Tex., assignor to Standard Oil Development Company. Process and agent for breaking petroleum emulsions. 2,312,735; Mar. 2.
- Salt, Oscar G., Indianapolis, Ind., and R. E. Sturm, Milton, Wis. Pickup for detecting and translating vibrations. 2,311,416; Feb. 16.
- Sale, William H., Sandston, Va. Dust-guard cap for journal boxes. 2,315,455; Mar. 30.
- Sale, William H., Sandston, Va. Supporting bracket for valves. 2,315,739; Apr. 6.
- Salem Engineering Company. (See Loux, John H., assignor.)
- Salem Engineering Company. (See Rodder, W., and Hopkins.)
- Salsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Gummed tape dispenser and applicator. 2,317,943; Apr. 27.
- Salsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Composite package. 2,319,560; May 18.
- Salsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Fold closed package. 2,321,541; July 20.
- Salsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Package with a fold closed delivery neck. 2,325,021; July 29.
- Salsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Composite package. 2,325,921; Aug. 3.
- Salsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Package operable by tearing. 2,329,360; Sept. 14.
- Salsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Fold closed package. 2,332,587; Nov. 2.
- Salsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Adhesively sealed package. 2,335,159; Nov. 23.
- Salsberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Package making and filling machine. 2,336,962; Dec. 14.
- Sallmbene, Louis S., Detroit, Mich. Bicycle pedal signal light. 2,334,442; Nov. 16.
- Sallinger, Fred, Chicago, Ill. Fountain toothbrush. 2,318,635; May 11.
- Sallinger, Hans, Fort Wayne, Ind., assignor to Farnsworth Television and Radio Corporation. Frequency band filter. 2,321,621; June 8.
- Salsbury, Amon C., and J. F. Independence, Mo. Spring cushioned wheel. 2,332,115; Oct. 19.
- Salsbury, Frank M., Kenmore, assignor to Bell Aircraft Corp., Buffalo, N. Y. Adapter for mounting machine guns. Re. 22,361; Aug. 3.
- Salsbury, Frank M., Kenmore, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Combat airplane. 2,335,449; Nov. 30.
- Salsbury, Frank M., and R. H. Dufort, Kenmore, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Adjusting unit. 2,315,483; Mar. 30.
- Salsbury, George F., Kenilworth, assignor to W. H. Salsbury & Co., Chicago, Ill. Coupling for linemen's protective devices. 2,317,088; Apr. 20.
- Salsbury, John F. (See Salsbury, Amon C. and J. F.)
- Salsbury, John K., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine. 2,314,280; Mar. 16.
- Salsbury, W. H., & Co. (See Salsbury, George F., assignor.)
- Sallmann, Richard. (See Albrecht, O., and Sallmann.)
- Sallmann, Richard. (See Graenacher, C., and Sallmann.)
- Sallmann, Richard. (See Graenacher, C., Sallmann, and Albrecht.)
- Salmi, Vaino A., assignor to Metallurgy Corporation, Los Angeles, Calif. Conversion of asphaltic hydrocarbons. 2,336,505; Dec. 14.
- Salmineen, Ilmari F., A. Weissberger, and D. B. Glass, assignors to Eastman Kodak Company, Rochester, N. Y. Hydroxynaphtholic acid amide coupler. 2,313,586; Mar. 9.
- Salmon, Donald B. (See Teeters, Wilbur O., and Salmon.)
- Salmon, Reginald D. (See Thompson, A. E., and Salmon.)
- Salmikov, Ivan S., Tulsa, Okla., assignor to Standard Oil Development Company. Bore hole pump. 2,319,749; May 18.
- Salo, Martin, assignor to Eastman Kodak Company, Rochester, N. Y. Preparing photographic products from compositions containing far-hydrolyzed cellulose esters. 2,311,086; Feb. 16.
- Salo, Martin, Rochester, N. Y., and J. W. Mench, West Lafayette, Ind., assignors to Eastman Kodak Company, Rochester, N. Y. Photographing developing and fixing solution. 2,333,821; Nov. 9.
- Salo, Martin. (See Malm, C. J., and Salo.)
- Salo, Paul W. (See Carlson, W. A., and Salo.)
- Salomon, Arnold, Oss, Netherlands; vested in the Alien Property Custodian. Derivatives of paminobenzenesulphonamide. 2,309,870; Feb. 2.
- Salomon, Arnold, Oss, Netherlands; vested in the Alien Property Custodian. Amino aryl sulphonamides. 2,322,974; June 29.
- Salomon, Francis M. M. B.; vested in the Alien Property Custodian. Device adapted to eliminate oscillations. 2,313,024; Mar. 2.
- Salomon, Francis M. M. B., Paris, France; vested in the Alien Property Custodian. Device for preventing speed oscillations and vibrations of the rotary members of machines. 2,316,288; Apr. 13.
- Salomon, Vicente, Rochester, N. Y. Game board. 2,319,159; May 11.
- Salsas, Emile, Spa, Belgium; vested in the Alien Property Custodian. Endless flat elastic belt. 2,328,500; Aug. 31.
- Salsburg, Hubert I., Oakland, Calif. Knife. 2,321,706; June 15.
- Salsbury's, Dr., Laboratories. (See Mayfield, O. J., and Henry, assignors.)
- Salters, Tom B., assignor to Cessna Aircraft Company, Wichita, Kans. Attachment for aircraft structures. 2,331,844; Nov. 23.
- Saltzman, David I., Philadelphia, Pa. Tire supporting device. 2,323,846; July 6.
- Saltz, Clara F., Ypsilanti, Mich. Balancing rotating element. 2,327,606; Aug. 24.
- Saltz, Clara F., Ypsilanti, Mich. Balancing rotating element. 2,327,607; Aug. 24.
- Saltz, Clara F., Ypsilanti, Mich. Balancing rotating element. 2,327,608; Aug. 24.
- Saltz, Clara F., Ypsilanti, Mich. Balancing rotating element. 2,327,609; Aug. 24.
- Saltzman, Bernard E., Lawrenceburg, Ind. Apparatus for cooking grain mash. 2,309,989; Feb. 2.
- Saltzman, George C. (See Frakes, J. H., and Saltzman.)
- Salvesen, Jorgen R. (See Bird, P. G., Evans, Harmon, and Salvesen.)
- Salzberg, Bernard, East Orange, N. J., and R. B. Nelson, Ottawa, Ontario, Canada, assignors to Radio Corporation of America. Vacuum gauge. 2,334,356; Nov. 16.
- Salzberg, Harold K., and W. B. Kinney, Bainbridge, assignors to The Borden Company, New York, N. Y. Coating sand mold surfaces. 2,313,672; Mar. 9.
- Salzberg, Harold K., and W. B. Kinney, Bainbridge, assignors to The Borden Company, New York, N. Y. Coating foundry mold surfaces. 2,313,674; Mar. 9.
- Salzberg, Paul L. (See Flenner, A. L., Kaufert, and Salzberg.)
- Salzberg, Paul L. (See Hanford, W. E., and Salzberg.)
- Salzberg, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial leather. 2,321,047; June 8.
- Salzberg, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamides. 2,327,131; Aug. 17.
- Salzberg, August A., assignor to Dryfood Ltd., London, England. Dry starch product. 2,314,459; Mar. 23.
- Salzer, Walter, and H. Andersag, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture of nitrile compounds. 2,315,661; Apr. 6.
- Samerdyke, Fred J. (See Kline, H. B., Fryer, and Samerdyke.)
- Samiran, David, Dayton, Ohio. Fluid segregating apparatus. 2,311,697; Feb. 23.
- Samiran, David, Fairfield, Ohio. Air eliminator. 2,313,773; Mar. 16.
- Samiran, David, Fairfield, Ohio. Fuel system including time delayed selector valves. 2,314,899; Mar. 30.
- Samiran, David, Fairfield, Ohio. Automatic fuel system having automatic safety switches. 2,314,900; Mar. 30.
- Samiran, David, Fairfield, Ohio. Fuel cock. 2,317,407; Apr. 27.
- Samiran, David, Fairfield, Ohio. Air eliminator. 2,326,175; Aug. 10.
- Samiran, David, Dayton, Ohio. Positive displacement pump for metering. 2,326,893; Aug. 17.
- Samiran, David, Fairfield, Ohio. Fuel system. 2,327,373; Aug. 24.
- Samiran, David, Fairfield, Ohio. Liquid dispensing device. 2,329,728; Sept. 21.
- Samiran, David, Fairfield, Ohio. Fuel system. 2,334,220; Nov. 16.
- Samiran, David, Fairfield, Ohio. Multiple tank fuel system indicator assembly. 2,330,845; Oct. 5.
- Sammons, Charles W. (See Moncrieff, R. W., and Sammons.)
- Sammons, George B., Washington, D. C. Attachment for printing presses. 2,329,857; Sept. 21.
- Sampietro, Achille C., Coventry, England. Internal combustion engine. 2,321,943; June 15.

- Sample, Fleck W., et al. (See Amesbury, E. M., Macor-mack, Roberts, and Sample.)
- Sample, Fleck W., Forest Hills, N. Y., and E. M. Amesbury, Chicago, Ill., assignors to American Flange & Manufacturing Co., Inc., New York, N. Y. Closure device for containers. 2,333,822; Nov. 9.
- Sampliner, S. Eldridge. (See Brewer, R. B., and Bergeron, assignors.)
- Sampsel, Arthur V., Mendota, assignor to Sears, Roebuck and Co., Chicago, Ill. Liquid metering device. 2,319,890; May 25.
- Sampsel, Arthur V., Mendota, assignor to Sears, Roebuck and Co., Chicago, Ill. Liquid metering device. 2,330,243; Sept. 28.
- Sampsel, Ralph R., Youngstown, Ohio. Ski sled. 2,323,847; July 6.
- Sampson, Frederick W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Freezing tray. 2,317,646; Apr. 27.
- Sampson, Robert W., New York, N. Y. Safety razor. 2,333,743; Nov. 9.
- Sams, Francis C., Bath, N. Y. Signal. 2,309,277; Jan. 26.
- Sams, Francis C., Bath, N. Y. Directional signal indicator. 2,322,158; June 15.
- Samson United Corporation. (See Keene, Alvin D., assignor.)
- Samstegman, Ewel, London, England. Sliding clasp fastener. 2,325,709; Aug. 3.
- Samuel, Arthur L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,318,423; May 4.
- Samuel, John O., assignor to Unifloc Reagents Limited, Swansea, Wales. Flocculating reagent for aqueous suspensions and sludges. 2,326,395; Aug. 10.
- Samuel Stamping and Enameling Company. (See Rau, Charles R., assignor.)
- Samuels, Louis. (See Bersin, A., and Samuels.)
- Samuels, Sydney J., Brooklyn, assignor to Bernard Ulmann Co., Inc., New York, N. Y. Pompon making device and process. 2,322,060; June 15.
- Samuelson, Hugh M., assignor to S. Smith & Sons (Motor Accessories) Limited, London, England. Gyroscopic apparatus. 2,315,019; Mar. 30.
- Samzelius, John W. (See Pierce, L., and Samzelius.)
- Samzelius, John W., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switch cabinet. 2,320,952; June 1.
- Samzelius, John W., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cabinet latch. 2,326,069; Aug. 3.
- Sanborn, Charles E., Stillwater, Okla. Fishing reel. 2,310,654; Feb. 9.
- Sanchez, Frederico G., Vedado, Habana, Cuba. Continuous action centrifugal separator. 2,335,794; Nov. 30.
- Sanchis, Jose, Newark, N. J. Liquid dispensing device. 2,327,276; Dec. 21.
- Sandblat, George, Jr., North Tarrytown, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,314,618; Mar. 23.
- Sandberg, Oscar, assignor to Lynch Manufacturing Corporation, Defiance, Ohio. Wrapper supply mechanism. 2,336,751; Dec. 14.
- Sandberg, Oscar, assignor to Lynch Manufacturing Corporation, Defiance, Ohio. Article compressing mechanism for wrapping machines. 2,336,752; Dec. 14.
- Sandberg, William A., Los Angeles, Calif. Air lock and manway therefor. 2,335,450; Nov. 30.
- Sandell, Sren, Jr., Racine, Wis. Lathe center for wood patterns. 2,337,727; Dec. 28.
- Sandell, Bror H. R., Amal, Sweden. Electrically heated stove and the like. 2,311,087; Feb. 16.
- Sandell, Henry K., Sister Bay, Wis. Clock mechanism. 2,327,319; Aug. 17.
- Sander, Frank S., New York, N. Y. Dress form. 2,335,314; Nov. 30.
- Sander, Frank V., Highland Park, assignor to Ortho Products, Inc., Linden, N. J. Spermicide. 2,330,846; Oct. 5.
- Sanders, Arthur F., assignor of one-half to John Fowler & Co. (Leeds) Limited, Leeds, England. Control of fuel injection engines. 2,326,888; Aug. 17.
- Sanders, Clarence E., Kansas City, Kans., assignor to American Hospital Supply Corporation, Chicago, Ill. Therapeutic appliance. 2,318,888; May 11.
- Sanders, Clyde S., assignor to Standard Oil and Gas Company, Tulsa, Okla. Method and apparatus for cementing wells. 2,309,791; Feb. 2.
- Sanders, Mack L., Brooklyn, N. Y. Information distribution system. 2,321,944; June 15.
- Sanders, Marion D., assignor to Industrial Patents Corporation, Chicago, Ill. Conditioning sludge. 2,328,361; Aug. 31.
- Sanderson, John A. (See Maris, H. B., and Sanderson.)
- Sanderson, John W., La Jolla, Calif. Coffee maker. 2,314,018; Apr. 16.
- Sanderson, William J., Amelung, and M. Walther, Jersey City, N. J. Spraying, dusting, and frost preventing device. 2,315,096; Mar. 30.
- Sandhaas, Wilhelm, Mannheim, Germany; vested in the Alien Property Custodian. Preparing phenylacetylene. 2,317,808; Apr. 27.
- Sandholt, Hans, Ullevaal Haveby, near Oslo, Norway; vested in the Alien Property Custodian. Scythe. 2,311,417; Feb. 16.
- Sandin, Jerome. (See Lindstrom, T., and Sandin.)
- Sandor, J. G., Williamsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,328,745; Sept. 7.
- Sando, Joseph B., Kansas City, Mo., assignor to Western Laundry Machinery Company. Heating means for ironers. 2,324,029; July 13.
- Sandolator Corporation. (See Kirk, Royden C., assignor.)
- Sandoz, G. (See Peter, Albin, assignor.)
- Sandoz Ltd. (See Gutzwiller, Ernst, assignor.)
- Sands, Clive C., Roseville, near Sydney, New South Wales, Australia. Reaction propulsion engine. 2,335,134; Nov. 23.
- Sands, Ernest, Trenton, N. J. Magnesium cement article and making the same. 2,321,522; June 8.
- Sandstein, Jacques E. E., Saint-Tropez, France; vested in the Alien Property Custodian. Device for changing the pH of fermentescible liquids. 2,322,545; June 22.
- Sandstrom, Nils G., assignor to Erie City Iron Works, Erie, Pa. Steam generator. 2,328,530; Aug. 31.
- Sandstrom, Per N., Chicago, Ill. Current responsive protective relay system. 2,316,289; Apr. 13.
- Sandstrom, Robert V., Detroit, Mich. Method and composition for producing crystalline coatings. 2,319,886; May 25.
- Sandula, John. (See Behnke, G. W., Westcott, and Sandula.)
- Sandvig, Rubin, Brooten, Minn. Combined power hay buckler and stacker. 2,322,472; June 22.
- Sandy Hill Iron & Brass Works, The. (See Leeson, William M., assignor.)
- Sanford, Charles L., Bedford, Ohio. Partition block. 2,318,889; May 11.
- Sanford, Frederick O., New York, N. Y. Holder for balls and bobbins of strand material. 2,315,275; Mar. 30.
- Sanford, Hugh W., Knoxville, Tenn. Deodorizer. 2,329,321; Sept. 14.
- Sanford, Hugh W., Knoxville, Tenn., assignor to The Sanford Investment Company, Wilmington, Del. Wheel. 2,312,361; Mar. 2.
- Sanford Investment Company, The. (See Sanford, Hugh W., assignor.)
- Sanford, Lottie. (See Church, Ira L., assignor.)
- Sanford, Roy S., assignor to The Autotype Company, Incorporated, Oakville, Conn. Carton and tray therefor. 2,310,484; Feb. 9.
- Sanford, Roy S., assignor to The Autotype Company, Incorporated, Oakville, Conn. Carton and tray therefor. 2,310,465; Feb. 9.
- Sanford, Roy S., Middlebury, Conn., assignor to Bendix Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid pressure mechanism. 2,326,687; Aug. 10.
- Sanford, Roy S., assignor to The Autotype Company, Incorporated, Oakville, Conn. Hinge bracket for fixtures. 2,327,969; Aug. 24.
- Sanford, Roy S., assignor to The Autotype Company, Incorporated, Oakville, Conn. Bracket. 2,327,970; Aug. 24.
- Sanford, Selden B., Yonkers, assignor to Otis Elevator Company, New York, N. Y. Elevator control mechanism. 2,308,211; Jan. 12.
- Sanford, Selden B., Yonkers, assignor to Otis Elevator Company, New York, N. Y. Elevator guide rail fastening device. 2,321,106; June 8.
- Sang, Henry J., Moylan, Pa. Computing device. 2,316,627; Apr. 13.
- Sangamo Electric Company. (See Blucke, Rudolph W., assignor.)
- Sangster, Weston D., and J. T. Bindner, Oakland, Calif. Control for dispensing devices. 2,323,681; July 6.
- San Joaquin Valley Walnut Growers Association. (See Hight, Herbert S., assignor.)
- Sanna, Charles A. (See Sanna, Filip L. and C. A.)
- Sanna Dairy Engineers. (See Sanna, Filip L. and C. A., assignors.)
- Sanna, Filip L., Madison, and C. A. Sanna, Gary, Ind., assignors to Sanna Dairy Engineers, Madison, Wis. Injector apparatus. 2,313,894; Mar. 16.
- San-Nap-Pak Manufacturing Company. (See Preston, Harry, assignor.)
- Sanozone Corporation. (See Raich, Arthur, assignor.)
- Santagata, Frank. (See Passanante, P. F., and Santagata.)
- Santee Mills. (See Goldman, Joseph, assignor.)
- Santhoff, Walter F., Cypress, assignor to Martin-Decker Corporation, Los Angeles, Calif. Detachable coupling for high pressure hose. 2,328,298; Aug. 31.
- Santon, Elliot A., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Stop for picker mechanisms. 2,330,619; Sept. 28.
- Santone, Renato. (See Peters, R. C., and Santone.)
- Santos, Evaristo, Avellaneda, Argentina. Circuit for correcting phase displacement. 2,320,537; June 1.
- Sanymetal Products Co., The. (See Anderson, Thomas F., assignor.)
- Saponare, Alberto. (See Lombardi, A., and Saponare A. and J. R.)
- Saponaro, Juan R. (See Lombardi, A., and Saponare, A. and J. R.)
- Sapp, Floyd B., Sherman Oaks, Calif. Wrench. 2,313,270; Mar. 9.

- Sapp, George C., Spokane, Wash. Wood planing machine. 2,309,417; Jan. 26.
- Sapp, George C., Spokane, Wash. Briquette machine. 2,312,170; Oct. 19.
- Sapp, John P. (See Haren, U. C., and Sapp.)
- Sapp, John P. (See Starnad, F. S., and Sapp.)
- Sapp, Robert W. (See Coleman, G. H., Hadler, and Sapp.)
- Sappenfield, Marion L., Kansas City, Mo., assignor to Remington Arms Company, Inc., Bridgeport, Conn. Ammunition trimming apparatus. 2,321,323; June 8.
- Sarbanac Patents Holding Company. (See Newhouse, W. F., and Hite, assignors.)
- Saravalli, Herman. (See Garbe, H. W., and H. Saravalli.)
- Sarazin, Raoul R. K., Saint-Prix, France; vested in the Alien Property Custodian. Impulse neutralizer. 2,313,206; Mar. 2.
- Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tackifying synthetic rubber. 2,312,362; Mar. 2.
- Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Softening synthetic rubber. 2,325,979; Aug. 3.
- Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Softeners for copolymers of butadiene and acrylonitrile. 2,325,980; Aug. 3.
- Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Synthetic rubber composition. 2,325,981; Aug. 3.
- Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Softener for synthetic rubber. 2,325,982; Aug. 3.
- Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Softener for synthetic rubber. 2,325,983; Aug. 3.
- Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Oil-resistant synthetic rubber cement and preparing same. 2,325,984; Aug. 3.
- Sarbach, Donald V., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method of tackifying synthetic rubber. 2,332,263; Oct. 19.
- Sarco Company. (See Adams, Thomas N., assignor.)
- Sardeson, Robert, Minneapolis, Minn., assignor to H. C. Genter, Miami Beach, Fla. Thermal timing mechanism. 2,332,171; Oct. 19.
- Sardeson, Robert, Minneapolis, Minn., assignor to H. C. Genter, Miami Beach, Fla. Food cooking device. 2,336,640; Dec. 14.
- Sardik, Inc. (See Myers, P. R., and Rouse, assignors.)
- Sargent & Company. (See Volght, Henry G., assignor.)
- Sargent, Constance B., et al. (See Brosco, Gericho, assignor.)
- Sargent, Edgar H., and A. G. Alex, Evanston, Ill. Vending machine. 2,310,321; Feb. 9.
- Sargent, John W. (See Nowak, J. B., Preston, and Sargent.)
- Sargisson, Robert L., Berwyn, and O. W. Henrikson, Chicago, Ill., assignors to Automatic Electric Laboratories, Inc. Latching device. 2,336,129; Dec. 7.
- Sarkis, Ward T., Oak Park, assignor to Hagedorn and Marcusson Co., Chicago, Ill. Spring construction. 2,311,256; Feb. 16.
- Sarkisian, Nishan S., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Garment curing method. 2,314,164; Mar. 16.
- Sarokin, Irving. (See Holmes, R. C., and Sarokin.)
- Sartakoff, Jack D., Douglaston, Long Island, N. Y., assignor to No-Mercury Felt Corporation. Dry carroting fur. 2,321,775; June 15.
- Sartakoff, Jack D., Douglaston, Long Island, N. Y., assignor to No-Mercury Felt Corporation. Method of testing the feltability of hatters' fur. 2,326,974; Aug. 17.
- Saslaw, Otto, Kearny, N. J., assignor to Federal Telephone and Radio Corporation. Reclaiming selenium elements. 2,321,523; June 8.
- Sasso, Maurice, Los Angeles, Calif. Structural elements. 2,326,688; Aug. 10.
- Satchwell, Leonard, Slough, England. Temperature regulator. 2,315,984; Apr. 6.
- Satterlee, Howard A., assignor to The Aero Equipment Corporation, Bryan, Ohio. Fuel pressure switch. 2,327,069; Aug. 17.
- Satterlee, Howard A., Needham, assignor to Submarine Signal Company, Boston, Mass. Speed measuring and indicating. 2,331,934; Oct. 19.
- Sattler, Erno J., Edna, Tex. Milk pail. 2,318,424; May 4.
- Saubestre, Basil F., Elmhurst, assignor to American Can Company, New York, N. Y. Scoring machine. 2,311,698; Feb. 23.
- Saucke, Herman, New York, N. Y. Portable cutting tool. 2,329,729; Sept. 21.
- Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,323,422; July 6.
- Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,324,598; July 20.
- Sauer, George, Berwyn, assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,329,487; Sept. 14.
- Sauer, Hans. (See Küber, F., Sauer, and Vierling.)
- Sauer, Hans, Dresden, Germany; vested in the Alien Property Custodian. Finder for photographic purposes. 2,317,809; Apr. 27.
- Sauer, Hans, Dresden, Germany, vested in the Alien Property Custodian. Finder for photographic purposes. 2,317,810; Apr. 27.
- Sauer, Henry J., Oakland, Calif. Tire removing tool. 2,316,023; Apr. 6.
- Sauer, Henry J., assignor to The Kilborn-Sauer Company, Fairfield, Conn. Automotive accessory. 2,321,251; June 8.
- Sauer, Henry J., assignor to The Kilborn-Sauer Company, Fairfield, Conn. Automotive accessory. 2,321,861; June 15.
- Sauer, John C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Quaternary ammonium compound. 2,310,873; Feb. 9.
- Sauer, John C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Product and synthesis thereof. 2,323,938; July 13.
- Sauer, Louis E. (See Pearson, H. N., and Wiedemeyer, assignor.)
- Sauer, Louis E. (See Pearson, H. N., Wiedemeyer, and Walsh, assignors.)
- Sauerbier, Rudolf. (See Reppe, W., Krzikalla, Dornhelm and Sauerbier.)
- Sauerbier, Rudolf. (See Schuster, C., Sauerbier, and Flkentecher.)
- Sauers, Gordon F., Pittsburgh, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit controller. 2,316,977; Apr. 20.
- Sauerwein, Jack, Molalla, Oreg. Undercutter. 2,327,374; Aug. 24.
- Saul, August A., assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Material handling apparatus. 2,309,671; Feb. 2.
- Saul, Samuel, Jr., Pittsburgh, Pa. Removable tray rack construction. 2,316,892; Apr. 20.
- Saulnier, Raymond, Paris, France; vested in the Alien Property Custodian. Construction of welded tanks and other structures. 2,335,451; Nov. 30.
- Saunders, Alfred P. (See Holmes, H. H., and Saunders.)
- Saunders, Enos P. (See Atherholt, G. L., Sr., Saunders, and Graham.)
- Saunders, Fred Q., Richmond, Va. Fuel engineer's calculator. 2,328,881; Sept. 7.
- Saunders, Harold F. (See McCord, A. T., and Saunders.)
- Saunders, Harold E., U. S. Navy, Takoma Park, Md. Surface plate. 2,336,506; Dec. 14.
- Saunders, Harold F. (See Todd, S. P., Saunders, and Saunders.)
- Saunders, James E., Sldon, Miss. Dual threshing cylinder. 2,330,451; Sept. 28.
- Saunders, Kenneth H. (See Marriott, G. J., and Saunders.)
- Saunders, Norman H., Chicago, and N. A. Judson, Oak Park, assignors to Kellogg Switchboard and Supply Company, Chicago, Ill. Gang relay. 2,315,020; Mar. 30.
- Saunders, Norman H., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. 100-line all relay system. 2,325,151; July 27.
- Saunders, Norman H., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Automatic telephone system. 2,333,744; Nov. 9.
- Saunders, Philip K., Cwmbran, England. Diaphragm valve. 2,309,479; Jan. 26.
- Saunders, Seymour G., Bloomfield Hills, and H. Morrison, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Adhesive and making the same. 2,322,886; June 29.
- Saunders, Seymour G., Bloomfield Hills, and H. Morrison, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Coating material recovery medium and process. 2,328,399; Aug. 31.
- Saunders Valve Company. (See Rogers, V. C., and Barr, assignors.)
- Saunders, Walter S., and F. C. Handren, assignors to American Forging & Socket Company, Pontiac, Mich. Adjustable support. 2,307,305; Jan. 5.
- Saurer, Adolph, Aktiengesellschaft. (See Hahn, Erwin, assignor.)
- Saurer, Curt, Akron, Ohio. Motor mounting. 2,308,458; Jan. 12.
- Saurer, Curt, Akron, Ohio. Motor mounting. 2,308,311; Jan. 12.
- Saurer, Curt, Akron, Ohio. Vehicle fender. 2,313,587; Mar. 9.
- Saurer, Curt, Akron, Ohio. Motor support. 2,332,264; Oct. 19.
- Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Seat cushion. 2,308,964; Jan. 19.
- Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Friction device. 2,308,966; Jan. 19.
- Saurer, Curt, Akron, and C. W. Tyler, Wickliffe, assignors to The Ohio Rubber Company, Willoughby, Ohio. Track shoe for endless tracks. 2,332,976; Oct. 26.

- Sauers, Gordon F., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switchgear. 2,331,632; Oct. 12.
- Sauser, Doran E., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Softener for synthetic rubber. 2,319,634; May 18.
- Savage Arms Corporation. (See Brewer, Nicholas L., assignor.)
- Savage Arms Corporation. (See Dickerman, Hubert E., assignor.)
- Savage, Charles E., Santa Monica, Calif. Drafting instrument. 2,321,862; June 15.
- Savage, Edward S., Rochester, N. Y. Paper cutting device. 2,307,424; Jan. 5.
- Savage, Edward S., Rochester, N. Y. Mystery toy. 2,310,711; Feb. 9.
- Savage, Loys P., Bonner, Mont. Beet harvesting apparatus. 2,319,559; May 18.
- Savage, Stanley, Seattle, Wash. Electric plug means. 2,307,423; Jan. 5.
- Savage, Stanley, Seattle, Wash. Milling machine and the like. 2,308,546; Jan. 19.
- Saval, Joseph A., Jamaica, assignor to Joseph Aronauer, Inc., Brooklyn, N. Y. Machine and method for assembling spiral spring structures. 2,330,244; Sept. 28.
- Savary, Jean-Baptiste R., Paris, France; vested in the Alien Property Custodian. Safety razor having adjustable guard. 2,313,895; Mar. 16.
- Savelli, Joseph J. (See Draeger, A. A., and Savelli.)
- Savelli, Joseph J., and J. M. Powers, Baytown, Tex., assignors to Standard Oil Development Company. Solvent treating of mineral oils. 2,307,242; Jan. 5.
- Sayen, Emery, Toledo, Ohio. Multistation transfer equipment. 2,335,613; Nov. 30.
- Savell, Joseph J., Baytown, Tex. assignor to Standard Oil Development Company. Preparing an organic base exchange material. 2,337,500; Dec. 21.
- Saveth, Louise R., Bronx, assignor to White Swan Uniforms, Inc., New York, N. Y. Lady's garment. 2,330,520; Sept. 28.
- Savi, Jean J., New York, N. Y. Brush hook. 2,309,990; Feb. 2.
- Saville, Arthur V., Wakefield, England, assignor to The Jeffrey Manufacturing Company. Kerf cleaner or gummer. 2,320,307; May 25.
- Saving, Ralph E., Wauwatosa, and E. Guetzkow, assignors to Kearney & Trecker Corporation, West Allis, Wis. Adjustable micrometer dial. 2,319,480; May 18.
- Savitz, Christian W., Los Angeles, Calif., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Circulating valve. 2,327,610; Aug. 24.
- Sawbridge, Arthur. (See Lee, L. P., Hathaway, and Sawbridge.)
- Sawdry, Nell T., Shaker Heights, Ohio. Automatic steering apparatus. 2,324,882; July 20.
- Sawtell, Richard B., Neenah, Wis., assignor to Paper Patents Company. Insulation. 2,335,968; Dec. 7.
- Sawtelle, Charles A., Plymouth, Mich. Vehicle brake. 2,312,363; Mar. 2.
- Sawyer, Charles B., Cleveland Heights, and B. Kjellgren, Rocky River, assignor to The Brush Beryllium Company, Cleveland, Ohio. Electrolytic beryllium and process. 2,311,257; Feb. 16.
- Sawyer, Edward E., Waterville, assignor, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine, trustee. Sound record and making the same. 2,310,998; Feb. 16.
- Sawyer, Edward E., Waterville, assignor, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine, a national banking association, as trustee. Individual multilayer fibrous resin-bearing article. 2,319,267; May 18.
- Sawyer, Emerson D., Chicago, Ill. Horizontal swinging gate supported yieldable barrier. 2,311,967; Feb. 23.
- Sawyer, Emerson D., Chicago, Ill. Yielding barrier net. 2,324,726; July 20.
- Sawyer, Emerson D., Chicago, Ill. Roadway guard rail. 2,336,038; Dec. 7.
- Sawyer, Emerson D., Chicago, Ill. Barricade. 2,337,277; Dec. 21.
- Sawyer, Emerson D., Chicago, Ill. Balustrade. 2,337,626; Dec. 28.
- Sawyer, Hilton W., Nutley, assignor to Thomson Machine Company, Bellevue, N. Y. Device for releasing gas from molded dough. 2,309,543; Jan. 26.
- Saxe, Frederick, Muskegon, assignor to General Motors Corporation, Detroit, Mich. Vacuum automatic cut-out. 2,321,105; June 8.
- Saxe, Walter E., Alhambra, assignor to The Conveyor Company, Los Angeles, Calif. Automatic proportioning and dispensing apparatus for bulk materials. 2,336,130; Dec. 7.
- Saxer, Edwin T., Brecksville, and R. E. Minto, Cleveland, Ohio. Analytical furnace. 2,322,159; Jan. 15.
- Sayers, William W., Chicago, Ill., assignor to Link-Belt Company. Conveyor. 2,322,473; June 22.
- Sayers, William W., Chicago, Ill., assignor to Link-Belt Company. Conveyor. 2,322,474; June 22.
- Sayles Finishing Plants, Inc. (See Huey, H. I., Killam, and Russell, assignors.)
- Sayles Finishing Plants, Inc. (See Huey, H. I., and Russell, assignors.)
- Sayles, Myron A. (See Richards, Homer A., assignor.)
- Sayles, Robert L., Meriden, Kans. Latch keeper. 2,307,545; Jan. 5.
- Saylor, Michael F., Elyria, Ohio. Nut locking device. 2,317,347; Apr. 27.
- Saylor, Wilbur A., Bellevue, Pa. Treating steel. 2,319,635; May 18.
- Sayre, Gordon B., Brooklyn, N. Y., assignor to Bonton Molding Company, Bonton, N. J. Mechanism for loading and emptying molding presses. 2,321,252; June 8.
- Sayre, Ray H., Emsworth, Pa. Portable cup assembly. 2,307,241; Jan. 5.
- Says, William H., Essex Fells, assignor to American Abrasive Metals Company, Irvington, N. J. Manufacture of treads. 2,317,960; Apr. 27.
- Scaife Company. (See Duden, Emil G., assignor.)
- Scafe, Eugene T. (See Kalichevsky, V. A., Scafe, and Hayden.)
- Scalise, Oreste, New York, N. Y. Preparing soybeans. 2,316,458; Apr. 13.
- Scanlon, Charles D., assignor of one-third to R. J. Arnold and one-third to R. B. Taylor, Los Angeles, Calif. Safety marker. 2,333,273; Nov. 2.
- Scannell, Albert T., Chicago, Ill. Raising and lowering curbs. 2,333,274; Nov. 2.
- Scaramucci, Domer, assignor to Oil Equipment Engineering Corporation, Oklahoma City, Okla. Well casing attachment. 2,320,670; June 1.
- Schorbrough, Joseph P. (See Jolley, D. A., and Schorbrough.)
- Scarlett, Arthur A., Hamilton, Ontario, Canada, assignor, by mesne assignments, to International Harvester Company, Chicago, Ill. Wheel mounting. 2,309,257; Jan. 26.
- Scarlett, Arthur A., Hamilton, Ontario, Canada, assignor, by mesne assignments, to International Harvester Company, Chicago, Ill. Rod weeder shoe. 2,324,883; July 20.
- Scarlett, Arthur A., Hamilton, Ontario, Canada, assignor, by mesne assignments, to International Harvester Company, Chicago, Ill. Rod weeder. 2,325,882; Aug. 3.
- Scarlett, Arthur A., and S. M. Young, Hamilton, Ontario, Canada, assignors, by mesne assignments, to International Harvester Company, Chicago, Ill. Field cultivator. 2,337,773; Dec. 28.
- Scarratt, Albert W., Kenilworth, and G. E. Lundberg, Riverside, Ill., assignors to International Harvester Company. Internal combustion engine. 2,327,932; Aug. 24.
- Schaack, Francis P., administrator. (See Schirmer, Clara.)
- Schaad, Raymond E., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,314,460; Mar. 23.
- Schaaf, Albert M., Jasper, Ind., assignor to New Indiana Chair Company. Swivel chair action. 2,311,875; Feb. 23.
- Schaaf, George, Buffalo, N. Y. Fire extinguishing method and means. 2,310,552; Feb. 9.
- Schaaff, Louis W., Elmhurst, N. Y. Apparatus for sweetening breath. 2,318,636; May 11.
- Schaaff, Louis W., Jackson Heights, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Slide fastener. 2,312,284; Feb. 23.
- Schaaff, Louis W., Jackson Heights, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Slide fastener. 2,316,133; Apr. 6.
- Schaaff, Louis W., Jackson Heights, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Slide fastener. 2,328,852; Sept. 7.
- Schaaff, Louis W., Jackson Heights, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Dropper. 2,330,149; Sept. 21.
- Schaaff, Louis W., Jackson Heights, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Closures for slitlike apertures. 2,331,048; Oct. 5.
- Schaafsma, Albert, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Process for dehydration. 2,324,240; July 13.
- Schaal, Earl V. (See Musson, D. N., and Schaal.)
- Schaal, Earl V., East Aurora, assignor to Trico Products Corporation, Buffalo, N. Y. Wiper arm for windshield cleaners. 2,320,660; June 1.
- Schaarschmidt, Richard. (See Schneider, W., Schaarschmidt, and Wilmanns.)
- Schachenman, Walter H., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition controller. 2,336,424; Dec. 7.
- Schacht, William F., Huntington, Ind. Cattle marker. 2,327,823; Aug. 24.
- Schacht, William F., Huntington, Ind. Cattle marker. 2,327,824; Aug. 24.
- Schachtell, Joseph A. (See McKee, E. A., and Schachtell.)
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Loose-leaf binder. 2,311,091; Feb. 16.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Post binder. 2,314,427; Mar. 23.
- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Expansive post binder. 2,320,101; May 25.

- Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Ring binder construction. 2,312,596; June 22.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Loose-leaf binder. 2,311,988; Feb. 16.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Ring binder construction. 2,311,089; Feb. 16.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Loose-leaf book construction. 2,311,090; Feb. 16.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Single ring toggle unit for ring binders. 2,311,426; Mar. 23.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Binder for catalog and the like. 2,320,192; May 25.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Loose-leaf book construction. 2,322,595; June 22.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Ring binder construction. 2,330,749; Sept. 28.
- Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Ring binder. 2,328,011; Dec. 28.
- Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Cathode ray beam deflecting circuit. 2,309,672; Feb. 2.
- Schade, Otto H., West Caldwell, N. J., assignor to Radio Corporation of America. Television steering control circuit. 2,312,051; Feb. 23.
- Schade, Willy, assignor to Eastman Kodak Company, Rochester, N. Y. Lens. 2,336,300; Dec. 7.
- Schade, Willy, K. Tolle, and W. Van Graafeiland, assignors to Eastman Kodak Company, Rochester, N. Y. Long focal length lens. 2,336,301; Dec. 7.
- Schaefer, Raymond J., Cleveland, Ohio, assignor to Chicago Pneumatic Tool Company, New York, N. Y. Schaefer, Anna E., et al. (See Schaefer, Ernest, assignor.)
- Schaefer, Claude W. (See Nest, Richard E., assignor.)
- Schaefer, Edward E., Oak Park, Ill. Venetian blind. 2,314,481; Mar. 23.
- Schaeffer, Edward G., Holyoke, Mass. Electrical outlet plug. 2,312,496; Mar. 2.
- Schaefer, Ernest, assignor to E. G. and E. Schaefer, Fairview Village, Ohio. Attaching panels to framework. 2,307,080; Jan. 5.
- Schaefer, Ernest, assignor to E. G. and E. Schaefer, Fairview Village, Ohio. Attaching panels to framework. 2,312,489; Mar. 2.
- Schaefer, Ernest F., Fort Wayne, Ind. Fruit picker. 2,334,292; Nov. 16.
- Schaefer, Ernest G., et al. (See Schaefer, Ernest, assignor.)
- Schaefer, Frank. (See Mandel, Fritz W., assignor.)
- Schaefer, Frederic, Pittsburgh, Pa. Embankment retainer. 2,315,351; Mar. 30.
- Schaefer, Harold W., assignor to The Harry Alter Company, Chicago, Ill. Golf practice apparatus. 2,331,236; Oct. 5.
- Schaefer, Harold W., assignor to Harry Alter Company, Chicago, Ill. Golf practice and game apparatus. 2,331,237; Oct. 5.
- Schaefer, Henry G., Yonkers, N. Y. Boiler. 2,331,508; Oct. 12.
- Schaefer, Joseph K., Hollywood, Calif. Cutting tool for BX armored cable and tubing. 2,317,944; Apr. 27.
- Schaefer, Raymond J., and R. F. Jasper, Ind. Combination tool. 2,332,347; Oct. 19.
- Schaefer, Reinhold A. (See Wadman, H. A., and Schaefer.)
- Schaefer, Richard F. (See Schaefer, R. J. and R. F.)
- Schaefer, Robert M., and W. F. Shurts, assignors to Twin Disc Clutch Company, Racine, Wis. Hydraulic transmission. 2,326,570; Aug. 10.
- Schaefer-Ross Co. (See Plowe, Edward W., assignor.)
- Schaefer, Timothy A., West Allis, Wis., assignor to Industrial Engineering Co. Inc., Minneapolis, Minn. Protractor. 2,316,189; Apr. 13.
- Schaeffer, Frederick W., Chicago, Ill. Pavement. 2,323,848; July 6.
- Safety governor for pneumatic tools. 2,326,396; Aug. 10.
- Schaefflin, Walter, Forest Hills, Pa., and J. C. Ponsing, Cleveland, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic bus transfer equipment. 2,326,070; Aug. 3.
- Schaeffitz, Harry G., Camden, N. J. Molding apparatus. 2,333,588; Nov. 2.
- Schafer, Charles J., Baltimore, Md. Tool alloys. 2,307,960; Jan. 12.
- Schafer, Charles J., Denver, Colo., assignor to Goodman Manufacturing Company, Chicago, Ill. Feeding mechanism for shaper conveyers. 2,317,089; Apr. 20.
- Schafer, Conrad B. (See Paddock, O. H., and Schafer.)
- Schafer, Conrad B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for washing sheet glass. 2,334,651; Nov. 16.
- Schafer, Frank, Green Bay, Wis. Ten pin. 2,321,524; June 8.
- Schaff, Louis W., Jackson Heights, assignor to Waldes Koh-I-Noor, Inc., Long Island, N. Y. Slide fastener. 2,307,711; Jan. 6.
- Schaff, Louis W., Jackson Heights, N. Y., assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Slide fastener. 2,327,562; Aug. 24.
- Schaffer, Charles F., Philadelphia, Pa. Preparing silver allantoate. 2,336,131; Dec. 7.
- Schaffer, Fred B. (See Bird, James P., and Schaffer.)
- Schaffer, James R. (See Neal, A. M., and Schaffer.)
- Schaffer, William L., Bridgeport, and F. N. Layle, Stamford, Conn., assignors to Remington Rand Inc., Buffalo, N. Y. Shaving implement. 2,307,471; Jan. 5.
- Schadner, Alvin J., Aurora, assignor to Kroehler Mfg. Co., Naperville, Ill. Laminated flexwood spring for chair seats. 2,316,628; Apr. 13.
- Schaffner, Alvin J., Aurora, assignor to Kroehler Mfg. Co., Naperville, Ill. Flexwood spring for chair seats. 2,335,160; Nov. 23.
- Schafnitz, Nicholas, assignor to Knapp Monarch Company, St. Louis, Mo. Toaster. 2,336,753; Dec. 14.
- Schafner, George S., assignor to Boeing Aircraft Company, Seattle, Wash. Balanced control surface. 2,331,017; Oct. 5.
- Schaffner, Joseph L., Detroit, Mich. Power drive mechanism. 2,328,562; Aug. 31.
- Schakenbach, Leslie T., Forest Hills, assignor to Induction Heating Corporation, New York, N. Y. Securing in place radiating fins and the like. 2,329,944; Sept. 21.
- Schalet, Joseph P., Bronx, and M. D. Pollack, Brooklyn, N. Y. Dual purpose buckle. 2,324,430; July 13.
- Schalet, Joseph P., Bronx, and M. D. Pollack, Brooklyn, N. Y. Button. 2,324,431; July 13.
- Schall, Myron R., Sacramento, Calif. Swivel. 2,323,624; July 6.
- Schaller, Paul, Oberhausen-Sterkrade, E. Froelcke, Dinslaken, K. Meyer, Schwarzheide, Ruhland, Oberlausitz, O. Reichen, Oberhausen-Holter, and N. Liden, Oberhausen, Germany, assignors, by mesne assignments, to Hydrocarbon Synthesis Corporation, Linden, N. J. Process for recovering thorium from substances containing thorium and iron. 2,330,750; Sept. 28.
- Schallis, Charles A., Highland Park, Mich. Holder for book matches. 2,308,718; Jan. 19.
- Schallis, Charles A., Highland Park, assignor to Tornstedt Manufacturing Company, Detroit, Mich. Ash tray. 2,311,968; Feb. 23.
- Schambra, William P. (See Heath, S. K., and Schambra, assignors.)
- Schank, Harry E., and P. R. Seemiller, assignors to McCord Radiator & Mfg. Co., Detroit, Mich. Apparatus for making heat-exchange elements. 2,329,789; Sept. 21.
- Schantl, Erich, and M. Messner, Berlin, Germany; vested in the Allen Property Custodian. Cathode-ray tube. 2,310,811; Feb. 9.
- Schantz, Edwin M., assignor to The Hooven & Allison Company, Xenia, Ohio. Yarn control device. 2,322,956; June 29.
- Schantz, Jacob M., Wilmington, assignor to Hercules Powder Company, Wilmington, Del. Terpene ether. 2,309,017; Jan. 19.
- Schantz, Jacob M., assignor to Hercules Powder Company, Wilmington, Del. Coating composition and production. 2,324,432; July 13.
- Schantz, Jacob M., assignor to Hercules Powder Company, Wilmington, Del. Resinous material. 2,327,132; Aug. 17.
- Schanzer, Felix, Berlin, Germany; vested in the Allen Property Custodian. Machine. 2,328,501; Aug. 31.
- Schanzle, Edward A., et al. (See Eaton, Robert H., assignor.)
- Schara, Earl M., Webster Groves, Mo. Waffle iron. 2,317,225; Apr. 20.
- Scharer, Georg, Mulheim-Ruhr, Germany, assignor to Holzwarth Gas Turbine Co., San Francisco, Calif. Bearer for the stationary vanes of rotary motors. 2,316,813; Apr. 20.
- Scharer, William A., Cicero, assignor to Johnson Laboratories, Inc., Chicago, Ill. Signal collecting system. 2,325,279; July 27.
- Scharer, William A., Cicero, assignor to Johnson Laboratories, Inc., Chicago, Ill. Loop antenna system. 2,335,969; Dec. 7.
- Scharf, Frank W., assignor to McGraw Electric Company, Elgin, Ill. Electric iron. 2,320,013; May 25.
- Scharf, Frank W., Marshall, Mich., assignor to McGraw Electric Company, Elgin, Ill. Timed cooker. 2,325,351; July 27.
- Scharf, Henry, New York, N. Y. Combination casing and mirror. 2,309,544; Jan. 26.
- Scharfnagel, Rudolf, Stuttgart, Germany; vested in the Allen Property Custodian. Mold for manufacturing electric discharge vessels. 2,313,025; Mar. 2.
- Schirrl, Rudolf. (See Meyerhans, A., and Schirrl.)
- Scharon Industries, Inc. (See Scharoun, Robert J., assignor.)
- Scharoun, Robert J., assignor to Scharoun Industries, Inc., Paluski, N. Y. Car rocking implement. 2,312,850; Mar. 2.
- Scharpenberg, Charles C., Bakersfield, assignor to Consoco Incorporated, Los Angeles, Calif. Torque control in rotary well drilling. 2,314,560; Mar. 23.

- Scharpf, Otto, assignor to Johnson Service Company, Milwaukee, Wis. Regulating apparatus. 2,314,952; Mar. 30.
- Scharping, Otto W. (See Martindale, G. E., and Scharping.)
- Scharsch, Walter R., Stockton, Calif., assignor to Corgisch Products, Inc. Food cooking unit. 2,319,561; May 18.
- Schat, Ane P., Utrecht, Netherlands; vested in the Alien Property Custodian. Luffing davit. 2,332,871; Oct. 26.
- Schatzman, George W., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Locking assembly for automobile wheels and parts thereof. 2,329,945; Sept. 21.
- Schatzman, George W., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Locking assembly for automobile wheels and parts thereof. 2,329,946; Sept. 21.
- Schatzman, George W., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Locking assembly for automobile wheels and parts thereof. 2,337,627; Dec. 28.
- Schauer, George F. (See Hattan, M., and Schauer.)
- Schauer, Lawrence L., Wyoming, assignor to The Cincinnati Bickford Tool Company, Oakley, Cincinnati, Ohio. Tapping machine. 2,318,336; May 4.
- Schauer, Lawrence L., Wyoming, assignor to The Cincinnati Bickford Tool Company, Oakley, Cincinnati, Ohio. Automatic reverse for tapping machines. 2,323,488; July 6.
- Schauer, Lawrence L., Wyoming, assignor to The Cincinnati Bickford Tool Company, Oakley, Cincinnati, Ohio. Drilling machine. 2,333,589; Nov. 2.
- Schauer, Lawrence L., Wyoming, and J. H. McKewen, assignors to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Spindle control for drilling and tapping machines. 2,318,335; May 4.
- Schauman, O. Y. Wilh., A. B. (See Leino, Eino M., assignor.)
- Schkaufelberger, William F., Orange, N. J., assignor, by mesne assignments, to The Harvel Corporation. Combination of matter and method and steps of making and using the same. 2,327,563; Aug. 24.
- Scheble, Eugene S., Fort Worth, Tex. Oil accelerator. 2,313,896; Mar. 16.
- Scheckwitz, Louis, Long Beach, N. Y. Staple driving device. 2,331,509; Oct. 12.
- Schectman-Abrams, Vera. (See Abrams, Maurice, assignor.)
- Schedin, Frances, administrator. (See Schedin, Nels.)
- Schedin, Gerald A., et al. (See Neubauer, Aloysius S., assignor.)
- Schedin, Nels, Minn., F. Schedin, administrator of said N. Schedin, deceased. Sand eliminator. 2,314,662; Mar. 23.
- Scheel, Walter G., Tenino, Wash. Drag saw. 2,321,863; June 15.
- Scheele, Charles C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Washing machine agitator. 2,312,992; Mar. 2.
- Scheele, Charles C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Rubber coupling. 2,314,315; Mar. 16.
- Scheemaecker, Emile, Woonsocket, R. I. Cream separator. 2,331,426; Oct. 12.
- Scheer, Frederick H., Kenmore, assignor to Colonial Radio Corporation, Buffalo, N. Y. Image suppression in superheterodyne receivers. 2,313,032; Mar. 2.
- Scheer, William H., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,332,015; Oct. 19.
- Scheetz, Henry F., Jr., Pittsburgh, Pa. Multicolor decoration of vitreous objects. 2,324,433; July 13.
- Scheetz, Henry F., Jr., assignor to Fuller Label & Box Company, Pittsburgh, Pa. Decoration of vitreous articles. 2,311,876; Feb. 23.
- Scheffey, George B., assignor to James H. Sternbergh, Reading, Pa. High speed punch press. 2,318,107; May 4.
- Scheffler, Karl, Berlin, Germany; vested in the Alien Property Custodian. Measuring air-fuel ratio. 2,328,502; Aug. 31.
- Scheibel, Kurt G. (See Krzencienska, W. E. H., Scheibel, and Bohmann.)
- Scheiber, William J., Schenectady, N. Y., assignor to General Electric Company. Coated metal wire. 2,317,811; Apr. 27.
- Schelde, Lester B., Hartford, Conn. Receptacle. 2,330,521; Sept. 28.
- Schelding, Carl, Middletown, assignor of one-half to C. Z. Zart, Cincinnati, Ohio. Pulp screen and washer. 2,312,675; Mar. 2.
- Scheineman, Fred W., assignor to Standard Oil Company, Chicago, Ill. System for recovering finely divided solids from gases. 2,337,684; Dec. 28.
- Scheinfeld, Abraham. (See Matthews, E. I., Cherksey, and Scheinfeld.)
- Scheiwer, Albert T., Erie, Pa. Coupling. 2,327,611; Aug. 24.
- Scheldorf, Marvel W. (See Leeds, L. M., and Scheldorf.)
- Scheldorf, Marvel W., Schenectady, N. Y., assignor to General Electric Company. Ultra high frequency impedance measuring apparatus. 2,337,934; Dec. 28.
- Scheler, Emil, Vegesack, near Bremen, Germany; vested in the Alien Property Custodian. Aircraft wing. 2,308,935; Jan. 19.
- Schelgounov, Alexander, Cleveland, Ohio. Tubular lamp fixture. 2,311,877; Feb. 23.
- Schellhammer, Herman J., Whitestone, and W. Hiemann, assignors to American Hard Rubber Company, New York, N. Y. Hard rubber lining for receptacles. 2,321,777; June 15.
- Schellhammer, Herman J., Whitestone, N. Y., and K. E. Hunt, Pequannock, N. J., assignors to American Hard Rubber Company, New York, N. Y. Apparatus for preparing permeable hard rubber strips for vulcanization. 2,336,754; Dec. 14.
- Schell, Albert E. (See Manson, R. H., and Schell.)
- Schell, Charles J., Cincinnati, Ohio. Strap lock. 2,320,014; May 25.
- Schell, Joe C., Powell, Mo. Combination cooker and gas exhaust. 2,326,975; Aug. 17.
- Schellenger, Newton C., El Paso, Tex., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Circuit controller. 2,313,291; Mar. 9.
- Schellens, Eugene L., Essex, assignor to The R. W. Chapman Corporation, Incorporated, Centerbrook, Conn. Electric motor. 2,334,040; Nov. 9.
- Schellentrager, Eugene W., Shaker Heights, assignor to The Atlas Bolt & Screw Company, Cleveland, Ohio. Automatic weight recording system. 2,307,961; Jan. 12.
- Schellentrager, Eugene W., Shaker Heights, assignor to The Atlas Bolt & Screw Company, Cleveland, Ohio. Transfer car. 2,321,253; June 8.
- Scheller, Otto L. (See Larrimore, J., Scheller, and Jackson.)
- Schelling, Franz, Dornholzhausen in Taunus, Germany; vested in the Alien Property Custodian. Inhibitor for acid pickling baths and making. 2,335,452; Nov. 30.
- Schelling, John C., R. H. Hunter, and E. J. Housekeepers, Wooster, and F. V. Calhoun, Millersburg, assignors to The Wooster Brass Company, Wooster, Ohio. Hose coupling attaching apparatus. 2,324,030; July 13.
- Schelling, Robert, Easton, Pa. Cooking equipment. 2,321,427; June 8.
- Schelling, Victor. (See Hartman, F. W., and Schelling.)
- Schemm, Henry R., Detroit, Mich. Feeder. 2,316,814; Apr. 20.
- Schenbeck, Rufus, Toledo, Ohio. Coal chute carrier. 2,316,290; Apr. 13.
- Schenck, John F., Jr., and R. W. Patterson, Shelby, N. C. Package labeling machine. 2,311,969; Feb. 23.
- Schenker, Abraham W. (See Bierman, W., and Schenker.)
- Schenk, Adelbert J., assignor to The Alvey-Ferguson Company, Cincinnati, Ohio. Central station dispatching control system for conveyers. 2,307,712; Jan. 5.
- Schenk, Carl R. (See Way, D. D., Naul, and Schenk.)
- Schenk, Eduard, Oakdale, Pa. Electric welding. 2,314,738; Mar. 23.
- Schenk, Hans, and W. Sprung, Graz, Germany, assignors to Jacques Spälty, Zurich, Switzerland. Shaving apparatus. 2,336,806; Dec. 14.
- Schenk, Tams C., Richmond Hill, assignor to Richmond Screw Anchor Company, Inc., Brooklyn, N. Y. Parachute. 2,317,115; Apr. 20.
- Schenker, Jack El, Chicago, Ill. Record holder file. 2,323,245; June 29.
- Schenley Distillers Corporation. (See Carter, Sidney T., assignor.)
- Scheper, John J. (See McCash, N., and Scheper.)
- Schepman, Willis G. (See Pierson, R. C., and Schepman.)
- Schepmoes, Lindsley, New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Lighting fixture. 2,309,792; Feb. 2.
- Schepmoes, Lindsley, New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Lighting fixture. 2,337,685; Dec. 28.
- Scherbak, Hermann, New York, N. Y. Vacuum device. 2,325,575; July 27.
- Scherbatsky, Serge A., assignor to Well Surveys, Incorporated, Tulsa, Okla. Well surveying method and apparatus. 2,315,355; Mar. 30.
- Scherbatsky, Serge A., and R. E. Fearon, assignors to Well Surveys, Incorporated, Tulsa, Okla. Geophysical prospecting. 2,320,892; June 1.
- Scherbatsky, Serge A., assignor to Well Surveys, Incorporated, Tulsa, Okla. Well surveying method and apparatus. 2,322,478; June 22.
- Scherbatsky, Serge A., assignor to Engineering Laboratories, Inc., Tulsa, Okla. Automatic volume control. 2,329,558; Sept. 14.
- Scherer, Karl, Trossingen, Wurtemberg, Germany; vested in the Alien Property Custodian. Chromatic harmonica. 2,335,453; Nov. 30.
- Scherer, Paul A., San Francisco, Calif. Apparatus for the transfer of sensible and latent heat. 2,310,121; Feb. 2.
- Scherer, Robert P., Detroit, Mich. Capsulating machine. 2,309,545; Jan. 26.
- Scherer, Robert P., Detroit, Mich. Method and apparatus of fabricating filled capsules. 2,318,718; May 11.
- Scherer, Robert P., Detroit, Mich. Anthelmintic composition. 2,327,564; Aug. 24.
- Scherer, Robert P., Detroit, Mich. Fabrication of capsule shells and filled capsules. 2,331,572; Oct. 12.

- Scherer, Robert P., Detroit, Mich. Fabrication of filled sealed capsules. 2,332,671; Oct. 26.
- Scherer, Robert P., Detroit, Mich. Apparatus for forming sheets of plastic substances. 2,337,935; Dec. 28.
- Scherff, Otto C., Philadelphia, Pa., assignor to Audubon Wire Cloth Corporation. Flexible wire belt. 2,312,490; Mar. 2.
- Schering, H. C., H. and G. F. Hoffmann, Milwaukee, Wis. Grinding mill. 2,323,490; July 6.
- Schering Corporation. (See Butenandt, Adolf, assignor.)
- Schering Corporation. (See Butenandt, A., Inhoffen, and Dannenbaum, assignors.)
- Schering Corporation. (See Butenandt, A., and Strassberger, assignors.)
- Schering Corporation. (See Dame, Elisabeth, assignor.)
- Schering Corporation. (See Dannenbaum, H., Inhoffen, and Hohlweg, assignors.)
- Schering Corporation. (See Dohrn, M., and Dietrich, assignors.)
- Schering Corporation. (See Dohrn M., Schoeller, Laubereau, Fox, Leckzyck, and Inhoffen, assignors.)
- Schering Corporation. (See Helferich, B., and Günther, assignors.)
- Schering Corporation. (See Hildebrandt, Friedrich, assignor.)
- Schering Corporation. (See Hildebrandt, F., and Strassberger, assignors.)
- Schering Corporation. (See Hohlweg, W., and Inhoffen, assignors.)
- Schering Corporation. (See Inhoffen, H. H., Gehrke, and Schoeller, assignors.)
- Schering Corporation. (See Inhoffen, H. H., Hohlweg, and Logemann, assignors.)
- Schering Corporation. (See Junkmann, Karl, assignor.)
- Schering Corporation. (See Logemann, Willy, assignor.)
- Schering Corporation. (See Logemann, W., and Hildebrandt, assignors.)
- Schering Corporation. (See Logemann, W., Inhoffen, and Eysenbach, assignors.)
- Schering Corporation. (See Maler-Hüser, and Junkmann, assignors.)
- Schering Corporation. (See Peterson, Arthur F., as assignor.)
- Schering Corporation. (See Schoeller, W., Hildebrandt, and Schwenk, assignors.)
- Schering Corporation. (See Schoeller, W., and Inhoffen, assignors.)
- Schering Corporation. (See Schoeller, W., Serini, Hildebrandt, Strassberger, Kathol, and Logemann, assignors.)
- Schering Corporation. (See Schwenk, E., assignor.)
- Schering Corporation. (See Schwenk, E., and Felscher, assignors.)
- Schering Corporation. (See Serini, A., and Steinruck, assignors.)
- Schering Corporation. (See Tschesche, R., and Bohle, assignors.)
- Schering Corporation. (See Vonkennel, J., and Kimmig, assignors.)
- Schermmer, Nathan H., Detroit, Mich., assignor of one-fourth to W. Isler, Cleveland, Ohio. Mold die metal and making dies therefrom. 2,321,107; June 8.
- Scherr, Harry A., San Diego, Calif. Lawn sprinkler and flushing opening seal. 2,325,280; July 27.
- Schettler, Gustav A., Leeds, England, assignor to The Turner Tanning Machinery Company, Portland, Maine. Safety device. 2,330,928; Oct. 5.
- Schetty, Guido. (See Cozzetti, A., and Schetty.)
- Scheuer, Ralph I. (See Duboc, W. A., Scheuer, and Christensen.)
- Scheuermann, Hans. (See Hansen, O., and Scheuermann.)
- Scheuing, Georg, and O. Thoma, Ingelheim-on-the-Rhine, Germany; vested in the Alien Property Custodian. Isopropylaminomethyl- (3,4-dioxyphenol) carbinol. 2,308,232; Jan. 12.
- Schick, Edward L., and J. E. Ashworth, Cuyahoga Falls, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Belt-measuring apparatus. 2,318,530; May 4.
- Schick, Friedrich, Berlin-Schoeneberg, Germany; vested in the Alien Property Custodian. Manufacturing oils of high stability. 2,310,812; Feb. 9.
- Schick Incorporated. (See Linsley, Douglas F., assignor.)
- Schiebold, Ernst, Leipzig, Germany; vested in the Alien Property Custodian. X-ray tube and apparatus. 2,319,350; May 18.
- Schieferstein, George H., Finowfurt, Eberswalde, Germany; vested in the Alien Property Custodian. Apparatus for comminuting dry substances, pastes, and the like. 2,315,229; Mar. 30.
- Schieman, Gustave. (See Spinner, I., Nelson, and Schieman.)
- Schieman, Gustave, Toledo, Ohio, assignor to International Plastic Corporation, Morristown, N. J. Laminated rubber hydrohalide and cellulose acetate tape. 2,334,585; Nov. 16.
- Schierenbeck, Julius, Heidelberg, Germany; vested in the Alien Property Custodian. Indicating liquid levels. 2,310,999; Feb. 16.
- Schierenbeck, Julius, Heidelberg, Germany; vested in the Alien Property Custodian. High-pressure vessel. 2,326,176; Aug. 10.
- Schiff, Martin, St. Louis County, assignor to Century Electric Company, St. Louis, Mo. Variable speed motor. 2,310,874; Feb. 9.
- Schiff, Martin, Webster Groves, assignor to Century Electric Company, St. Louis, Mo. Alternating current motor. 2,324,728; July 20.
- Schiff, Sigmund, assignor to The J. H. Day Company, Cincinnati, Ohio. Kneading and rounding machine. 2,331,510; Oct. 12.
- Schiffenhaus Bros. (See Schiffenhaus, Joseph W., assignor.)
- Schiffenhaus, Joseph W., assignor to Schiffenhaus Bros., Newark, N. J. Corner protector. 2,324,031; July 13.
- Schiffman, Auguste C., Hayward, Calif. Antiproof bracket and. 2,331,511; Oct. 12.
- Schildknecht, Calvin E., Bloomfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Opalescent synthetic resins. 2,321,048; June 8.
- Schille, Jacob L. (See Berkowski, C. J., and Schille.)
- Schiller, Harold. (See Belzer, T. R., and Schiller.)
- Schiller, Harold, Los Angeles, Calif., assignor to Socomey-Vermum Oil Company, Incorporated, New York, N. Y. Making mercuric naphthalene. 2,330,452; Sept. 28.
- Schiller, Morgan B., Sockley, assignor to American Tubular Elevator Company, Pittsburgh, Pa. Metal window sash. 2,335,361; Nov. 30.
- Schiller, Walter, Evanston, Ill. Game. 2,315,164; Mar. 30.
- Schilling, Karl F. (See Cole, A. T., Duke, and Schilling.)
- Schilling, Larell J., Brookfield, Ill., assignor to Babson Bros. Co. Insulating apparatus for electric fences. 2,311,779; Feb. 23.
- Schilling, Robert, assignor to General Motors Corporation, Detroit, Mich. Headlight tester. 2,314,559; Mar. 23.
- Schilling, Luther G. (See Holden, W. H. T., and Schimpf.)
- Schimpf, Luther G. (See Logan, M. A., and Schimpf.)
- Schimpf, Luther G., St. George, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call indicator. 2,315,456; Mar. 30.
- Schimpf, Robert. (See Kesseling, F., Gleffers, Kaufmann, Neugebauer, Puttfarcken, Schimpf, and Zühlke.)
- Schindler, H., & Co. (See Hamburger, Walter J., assignor.)
- Schindler, Hans, Evanston, assignor to The Pure Oil Company, Chicago, Ill. Drilling mud. 2,331,049; Oct. 5.
- Schine, Isaac E. (See Steinmetz, S., and Schine.)
- Schingeck, Oscar W. (See Klatt, R. A., and Schingeck.)
- Schlippe, Henry F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Landing wheel for aircraft. 2,333,447; Nov. 2.
- Schirm, Erik, Dessau, in Anhalt, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Cellulose fibers and treating them. 2,333,203; Nov. 2.
- Schirmer, Clara Rib, Leve, Wis., deceased; F. P. Schack, administrator. Fish scaling device. 2,323,101; June 29.
- Schjollin, Hans O., assignor, by mesne assignments, to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Transmission construction and control. 2,308,113; Jan. 12.
- Schjollin, Hans O., Birmingham, assignor to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Seal. 2,308,114; Jan. 12.
- Schjollin, Hans O., assignor, by mesne assignments, to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Torque converter interlocking control, automatic. 2,322,479; June 22.
- Schinnathe, Raymond F., Kennett Square, Pa., assignor to Hercules Powder Company, Wilmington, Del. Producing rosin esters. 2,331,803; Oct. 12.
- Schlachn, Raymond M., Canton, Ohio. Container. 2,324,032; July 13.
- Schlack, Herman C., Detroit, Mich. Riveting device. 2,332,935; Oct. 26.
- Schlack, Paul. (See Petersen, S., and Schlack.)
- Schlack, Paul, Berlin-Treptow, Germany; vested in the Alien Property Custodian. Manufacture of lactams from oximes of cyclic ketones. 2,313,026; Mar. 2.
- Schlack, Paul, Berlin-Treptow, Germany; vested in the Alien Property Custodian. Production of polycondensation products containing nitrogen. 2,325,552; July 27.
- Schlage Lock Company. (See Schlage, Walter R., assignor.)
- Schlage, Walter R., Burlingame, assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,314,462; Mar. 23.
- Schlage, Walter R., Burlingame, assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,319,268; May 18.
- Schlage, Walter R., Burlingame, assignor to Schlage Lock Company, San Francisco, Calif. Face plate. 2,327,070; Aug. 17.
- Schlage, Walter, Burlingame, assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,327,071; Aug. 17.
- Schlage, Walter R., Burlingame, assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,330,011; Sept. 21.
- Schlagel, Huntington R., Des Plaines, Ill. Boat hull. 2,322,160; June 15.

- Schlandt, Arthur F. (See Chittick, M. B., and Schlandt.)
 Schl  pfer, Hans. (See Bindler, J., and Schl  pfer.)
 Schlear, William M., Orwigsburg, Pa., assignor, by mesne assignments, to H. G. Lumbard, Auburn, Maine. Innersole for shoes. 2,309,673; Feb. 2.
 Schlegel, Carl F., Brighton, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Polishing disk. 2,318,016; May 4.
 Schlegel, Carl F., Brighton, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Polishing disk. 2,332,936; Oct. 26.
 Schlegel, Fritz. (See Hentrich, W., Kirstahler, and Schlegel.)
 Schlegel, John W., and L. Lang, New York, N. Y., assignors to The National Sugar Refining Company, Edgewater, N. J. Doughnut sugar. 2,320,831; June 1.
 Schlegel, Karl F., Jr., Brighton, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Polishing disk. 2,329,222; Sept. 14.
 Schlegel, Karl H. F., Lynghy, Denmark; vested in the Alien Property Custodian. Method and apparatus for producing photographic sound records. 2,315,097; Mar. 30.
 Schlegel, Karl H. F., Lynghy, Denmark; vested in the Alien Property Custodian. Electrical circuit control device. 2,332,536; Oct. 26.
 Schlegel Manufacturing Company, The. (See Schlegel, Carl F., assignor.)
 Schlegel Manufacturing Company, The. (See Schlegel, Karl F., Jr., assignor.)
 Schleich, Hans. (See Pfannmuller, J., and Schleich.)
 Schleicher, Emil J., St. Louis, and C. F. Frede, University City, Mo., assignors to General Steel Castings Corporation, Granite City, Ill. Pneumatic-hydraulic pressure device. 2,319,550; May 25.
 Schleicher, Harold E. (See Galt, P. T., Jr., and Schleicher.)
 Schleicher, Harold E., West Hartford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Overload relay switch. 2,322,161; June 15.
 Schleicher, Henry M., Elizabeth, and W. E. Iverson, Woodbridge, N. J., assignors of one-half to Scovill Manufacturing Company of Waterbury, Conn. and one-half to United States Metal Machine Company, Carteret, N. J. Retractory and producing the same. 2,325,553; July 27.
 Schleicher, Louis H., St. Louis, Mo. Box. 2,325,281; July 27.
 Schlieff, Robert L., assignor of one-third to R. T. Wilson, and one-third to E. J. Pluth, Lincoln, Ill. Illuminated crucifix. 2,325,893; Aug. 3.
 Schlenker, Max, Peru, Ill., assignor to General Time Instruments Corporation, New York, N. Y. Time switch. 2,312,492; Mar. 2.
 Schlenker, Vesper A., New York, N. Y. Acoustic screen. 2,310,154; Feb. 2.
 Schlenker, Julius. (See Miller, H., and Schlenker.)
 Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Amplitude limiter. 2,309,258; Jan. 26.
 Schlesman, Carleton H., Camden, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Feed device. 2,314,316; Mar. 16.
 Schlesman, Carleton H., Camden, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Exploring operating structures. 2,315,519; Apr. 6.
 Schlesman, Carleton H., Camden, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Comparative spectral analysis. 2,324,270; July 13.
 Schlicker, Herman C., Brooklyn, N. Y., assignor to Clairol, Incorporated, Stamford, Conn. Hair winder. 2,309,359; Jan. 26.
 Schlenger, Max A., Bellevue, assignor to Pressed Steel Car Company, Inc., Pittsburgh, Pa. Car dumper. 2,317,333; Apr. 20.
 Schliff, Charles J., assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Automatic cutoff mechanism for rods and wire. 2,332,822; Nov. 9.
 Schloff, Meyer E., assignor of one-half to H. J. Bobbe, Chicago, Ill. Vending machine. 2,309,674; Feb. 2.
 Schlomman, Alfred F., New York, and A. Schwarz, Rochester, N. Y.; said Schwarz assignor to said Schlomman. Management instrument for business. 2,309,675; Feb. 2.
 Schlosberg, Hyman. (See Haskins, William B.)
 Schlosberg, Hyman. (See Haskins, W. B., and Schlosberg.)
 Schlosser, Arthur G., Detroit, Mich., assignor, by mesne assignments, to Chandler-Evans Corporation, Meriden, Conn. Fluid pump. 2,318,337; May 4.
 Schlosser, Paul H., K. R. Gray, and E. G. Hallonquist, Shelton, Wash., assignors to Rayonier Incorporated, San Francisco, Calif. Improving the processing of refined chemical pulp into viscose by adding anion active agents. 2,331,935; Oct. 19.
 Schlosser, Paul H., and K. R. Gray, Shelton, Wash., assignors to Rayonier Incorporated, San Francisco, Calif. Improving the processing of refined chemical pulp into viscose by adding cation active agents. 2,331,936; Oct. 19.
 Schloz, Arthur H. (See Seidel, A., and Schloz.)
 Schloz, Ferdinand G., Philadelphia, Pa. Nozzle. 2,321,428; June 8.
 Schlumberger, Conrad, deceased, Paris, France, A. M. L. Doll, administratrix, assignor, by mesne assignments, to Schlumberger Well Surveying Corporation, Houston, Tex. Apparatus for the electrical surveying of boreholes. 2,317,304; Apr. 20.
 Schlumberger, Marcel, Paris, France, assignor, by mesne assignments, to Schlumberger Well Surveying Corporation, Houston, Tex. Method and device for referring a level in a bore hole to the bottom of said bore hole. 2,332,348; Oct. 19.
 Schlumberger Well Surveying Corporation. (See Claudet, Aime, assignor.)
 Schlumberger Well Surveying Corporation. (See Doll, L. Doll, assignor.)
 Schlumberger Well Surveying Corporation. (See Jakosky, John J., assignor.)
 Schlumberger Well Surveying Corporation. (See Menecier, Maurice, assignor.)
 Schlumberger Well Surveying Corporation. (See Schlumberger, Conrad, assignor.)
 Schlumberger Well Surveying Corporation. (See Schlumberger, Marcel, assignor.)
 Schlumbohm, Peter, New York, N. Y. Mixer and strainer. 2,330,012; Sept. 21.
 Schlumbohm, Peter, assignor to Propane Development Corporation, New York, N. Y. Refrigeration apparatus and method. 2,336,641; Dec. 14.
 Schneringer, John J., and J. C. Allen, Chicago, Ill.; said Schneringer assignor to Calumet Machine Co. Hydraulic pressure lock and booster. 2,307,644; Jan. 5.
 Schlumpf, Robert W., assignor to Hughes Tool Company, Houston, Tex. Attaching high chromium ferrous alloys to other metals. 2,311,878; Feb. 23.
 Schlums, Otto W., assignor to Whitin Machine Works, Whitinsville, Mass. Apron guiding device for long length machine. 2,314,690; May 18.
 Schlums, Otto W., assignor to Whitin Machine Works, Whitinsville, Mass. Spindle brake. 2,333,047; Oct. 26.
 Schmal, George, North Platte, Nebr. Shovel. 2,312,736; Mar. 2.
 Schmeiser, Theodore G., Fresno, Calif. Bearing assembly. 2,308,110; Jan. 12.
 Schmeiser, Theodore G., Fresno, Calif. Auxiliary traction wheel. 2,311,476; Feb. 16.
 Schmelter, Gordon P. (See Freeman, R. D., and Schmelter.)
 Schmelz, William, Buffalo, N. Y. Auxiliary air supplier for gas engines. 2,311,351; Feb. 16.
 Schmelzer, Anton C., Cleveland, Ohio. Washing machine. 2,317,117; Apr. 20.
 Schmerling, Louis, and V. N. Ipatieff, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,329,858; Sept. 21.
 Schmid, Carl J., assignor to Julius Schmid, Inc., New York, N. Y. Open mouth wrapper for rolled tubular sanitary rubber goods. 2,321,254; June 8.
 Schmid, Edward K., Verona, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Incandescent electric lamp and basing cement. 2,322,116; Oct. 19.
 Schmid, Ernest, Ancey, France; vested in the Alien Property Custodian. Four-stroke cycle internal combustion engine of the sleeve valve type. 2,321,564; June 8.
 Schmid, Julius, Inc. (See Kurkjian, Yervant H., assignor.)
 Schmid, Julius, Inc. (See Schmid, Carl J., assignor.)
 Schmid, Walter, Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Governor apparatus. 2,317,812; Apr. 27.
 Schmidberger, Heinrich, Vienna, Germany; vested in the Alien Property Custodian. Molding press. 2,332,937; Oct. 26.
 Schmidberger, Heinrich, Vienna, Germany; vested in the Alien Property Custodian. Automatic mold filling device. 2,332,938; Oct. 26.
 Schmidinger, Joseph, New York, N. Y. Thermal switch device. 2,321,049; June 8.
 Schmidinger, Joseph, Long Island City, N. Y. Thermal switch and relay. 2,333,125; Nov. 2.
 Schmidling, Gilbert T., New York, assignor of one-half to C. Meizak, Yonkers, N. Y. Fluorescent lamp. 2,309,676; Feb. 2.
 Schmidt, Alfred M., Annaberg in Erz Gebirge, Germany, assignor to General Electric Company. Control arrangement for signal devices. 2,322,162; June 15.
 Schmidt, August, Jr. (See Moyer, E. E., and Schmidt, Jr.)
 Schmidt, Charles J., Roselle Park, and G. Murray, Newark, N. J. Clutch control. 2,323,489; July 6.
 Schmidt, Edward G., and C. W. Yant, assignors to Crane Co., Chicago, Ill. Valve. 2,325,802; Aug. 3.
 Schmidt, Erwin L., and J. L. Schwabe, Jr., assignors to G-H Specialty Company, Milwaukee, Wis. Lawn rake and manufacture thereof. 2,315,021; Mar. 30.
 Schmidt, Erwin L., and J. L. Schwabe, Jr., assignors to G-H Specialty Co., Milwaukee, Wis. Folding table. 2,323,423; July 6.
 Schmidt, Eugene, assignor to Charles O. Moore, Oak Park, Ill. Antislip foot. 2,318,017; May 4.
 Schmidt, Ferdinand, Berlin, Aller, Germany; vested in the Alien Property Custodian. Large reservoir for liquids. 2,331,140; Oct. 5.
 Schmidt, Fritz. (See Ansch  tz, R., and Schmidt.)

- Schmidt, Fritz, Hamburg-Harburg, Germany; vested in the Allen Property Custodian. Elastic coupling. 2,334,974; Aug. 17.
- Schmidt, George. (See Schmidt, Lambert and G.)
- Schmidt, Gerald W., Camas, Wash., assignor to Crown Zellerbach Corporation, San Francisco, Calif. Pressure control for paper-folding machines. 2,335,970; Dec. 7.
- Schmidt, Gottfried, Cologne, Germany; vested in the Allen Property Custodian. Machine for the automatic production of wire-things for packets. 2,339,629; Sept. 28.
- Schmidt, Gustav E., assignor to The Alfred Johnson Skate Company, Chicago, Ill. Skate. 2,332,163; June 15.
- Schmidt, Harlow L. (See French, H. C., and Schmidt.)
- Schmidt, Harlow L., and H. C. French, assignors to The Holt Co., Milwaukee, Wis. Rotary drier. 2,316,459; Apr. 13.
- Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gearing. 2,337,501; Dec. 21.
- Schmidt, Henry F., Lansdowne, H. W. Somar, Drexel Hill, and I. Short, Prospect Park, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reduction gearing apparatus. 2,332,172; Oct. 19.
- Schmidt, John F., U. S. Army, Ann Arbor, Mich. Power transmission apparatus. 2,334,221; Nov. 16.
- Schmidt, Karl, Cologne-Mulheim, and O. Wahl, Leverkusen I. G. Werk, Germany, assignors to General Aniline & Film Corporation. Condensation products. 2,325,803; Aug. 3.
- Schmidt, Lambert and G., Leeds, N. Y. Time lag fuse. 2,326,257; Aug. 10.
- Schmidt, Lewis A., Jr., Lookout Mountain, Tenn. Substratum water control. 2,329,223; Sept. 14.
- Schmidt, Lloyd K. (See Loucks, C. A., and Schmidt.)
- Schmidt, Otto, Heidelberg, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Catalytic hydrogenation of high molecular aliphatic carboxylic acids. 2,322,096; June 15.
- Schmidt, Otto, Heidelberg, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Catalytic hydrogenation of aliphatic carboxylic acids. 2,322,698; June 15.
- Schmidt, Otto, Heidelberg, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Catalytic hydrogenation of organic compounds. 2,322,699; June 15.
- Schmidt, Otto, Ludwigshafen-on-the-Rhine, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Catalytic hydrogenation of organic compounds. 2,322,695; June 15.
- Schmidt, Otto, Heidelberg-Ziegelhausen, and S. Stadelmann, Ludwigshafen-on-the-Rhine, Germany; vested in the Allen Property Custodian. Production of butadiene. 2,326,258; Aug. 10.
- Schmidt, Richard F., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Adhesive sheeting. 2,332,265; Oct. 19.
- Schmidt, Willi. (See Manchen, F., and Schmidt.)
- Schmidt, Willi. (See Ruppe, W., Schmidt, Schutz, and Anderle.)
- Schmidt, William B., T. B. Morse, and M. H. Reeves, Chicago, Ill. Interlocking indicating and control device for amusement park rides. 2,310,039; Feb. 2.
- Schmidt, William D., Worcester, Mass., and R. A. St. John, Rocky River, Ohio, assignors to The Heald Machine Company, Worcester, Mass. Internal grinding machine and method. 2,329,301; Sept. 14.
- Schmidtkie, Albert H., St. Joseph, Mich., assignor, by mesne assignments, to The Gref Bros. Cooperage Corporation, Cleveland, Ohio. Stapling machine. 2,316,988; Apr. 20.
- Schmied, James W. (See Hall, J. A., and Schmied.)
- Schmied, Orville K., Upper Montclair, N. J., assignor to Research Corporation, Richmond, Va. Asphalt or resin shipping container. 2,310,712; Feb. 9.
- Schmier, Charles N., Woodlawn, Md. Smoking pipe. 2,335,087; Nov. 23.
- Schmitkons, George E. (See Thiele, E. W., and Schmitkons.)
- Schmitkons, George E. (See Thiele, E. W., Schmitkons, and Hall.)
- Schmitkons, George E., assignor to Standard Oil Company, Chicago, Ill. Production of motor fuels. 2,323,570; July 6.
- Schmitt, Arthur J., Chicago, Ill. Electrical connector. 2,312,092; Feb. 23.
- Schmitt, Bernard A., and A. A. Norin, assignors to Sears, Roebuck and Co., Chicago, Ill. Sewing machine. 2,337,066; Dec. 21.
- Schmitt, Cesar A. (See Delay, Fernand, assignor.)
- Schmitt, Frederick J., Jr., assignor to Michigan Maple Block Company, Petoskey, Mich. Butcher block. 2,328,503; Aug. 31.
- Schmitt, Friedrich. (See Bertsch, H., and Schmitt.)
- Schmitt, George H., Oakland, Calif. Retaining wall and block for the same. 2,313,363; Mar. 9.
- Schmitt, Joseph H., Rumson, N. J., assignor to Edna I. Lockman, Washington, D. C., and J. H. P. Schmitt, Rumson, N. J. Process and preparation for heat treatment of steel. 2,334,652; Nov. 16.
- Schmitt, Joseph H. P., et al. (See Schmitt, Joseph H., assignor.)
- Schmitt, Joy B., assignor to The DeVilbiss Company, Toledo, Ohio. Vaporizer. 2,320,669; June 1.
- Schmitt, Leo A., Washington, D. C. Attachment for ribbon machines. 2,328,102; Aug. 31.
- Schmitt, Otto A. (See Kronquest, L. L., and Schmitt.)
- Schmitt, Otto A., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Can end closure attaching machine. 2,323,939; July 13.
- Schmitt, Otto A., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Container body feeding means. 2,332,672; Oct. 26.
- Schmitt, Otto A., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Vacuum and packer treatment of coffee. 2,338,012; Dec. 28.
- Schmitter, Walter P., Wauwatosa, assignor to The Falk Corporation, Milwaukee, Wis. Power transmission. 2,311,397; Feb. 16.
- Schmitz, Herman J., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cable support. 2,322,666; June 22.
- Schmitz, Hilger P., Munich, Germany; vested in the Allen Property Custodian. Printing ink. 2,316,629; Apr. 13.
- Schmitz, Hilger P., Munich, Germany; vested in the Allen Property Custodian. Producing fine threads from polyvinyl alcohol and its water soluble derivatives. 2,322,974; June 29.
- Schmitz, Hilger P., and H. Untergruppenberger, Munich, Germany; vested in the Allen Property Custodian. Stabilized water-in-oil emulsions. 2,332,939; Oct. 26.
- Schmitz, Michael F., Lemont, Ill. Railway car floor construction. 2,337,278; Dec. 21.
- Schmitt, William Jr., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separation apparatus. 2,308,031; Jan. 12.
- Schmutzer, Charles, Irvington, and K. Manrodt, assignors to Hoffman Beverage Company, Newark, N. J. Article transferring apparatus. 2,308,209; Jan. 12.
- Schmutzer, Charles, Irvington, and K. Manrodt, assignors to Hoffman Beverage Company, Newark, N. J. Purging air from carbonated beverage containers. 2,312,288; Feb. 23.
- Schnaus, John M. (See Roth, L., and Schnaus.)
- Schneble, Vincent F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,318,425; May 4.
- Schneberger, Leroy O., St. Louis, Mo. Reinforcing clamp. 2,310,978; Apr. 20.
- Schneberger, Leroy O., St. Louis, Mo. Beverage-bottle case. 2,323,491; July 6.
- Schneeg, Robert, Dormagen, Germany; vested in the Allen Property Custodian. Dyeing cellulose esters. 2,328,682; Sept. 7.
- Schneider, Adolf G., Muncie, Ind., assignor, by mesne assignments, to Schneider Brothers Company. Variable speed transmission. 2,308,547; Jan. 19.
- Schneider, Adolf G., Muncie, Ind., assignor, by mesne assignments, to Schneider Brothers Company. Planetary turbine transmission. 2,333,681; Nov. 9.
- Schneider, Adolf G., Muncie, Ind., and H. Schneider, Hamilton, Ohio, assignors, by mesne assignments, to Schneider Brothers Company. Transmission. 2,333,680; Nov. 9.
- Schneider, Adolph E. (See Steele, G., and Schneider.)
- Schneider, Alexander W. (See Hoch, W. M., and Schneider.)
- Schneider, Benjamin B. (See Podbielniak, Walter J., assignor.)
- Schneider Brothers Company. (See Schneider, Adolf G., assignor.)
- Schneider Brothers Company. (See Schneider, A. G. and H. assignors.)
- Schneider, Carl J., Toledo, Ohio. Partitioning means for particulate bodies. 2,320,386; June 1.
- Schneider, George. (See Dreyfus, C., and Schneider.)
- Schneider, George, Montclair, N. J., J. E. Budworth, and C. M. Croft, Cumberland, Md., assignors to Celanese Corporation of America. Fabric treatment. 2,313,173; Mar. 9.
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Production of artificial straw. 2,317,486; Apr. 27.
- Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Manufacture of textile materials. 2,321,108; June 8.
- Schneider, Gerhard G. (See Schneider, Walter G. and G. G.)
- Schneider, Heinrich. (See Schneider, A. G., and H.)
- Schneider, Heinrich, Hamilton, Ohio, assignor to Schneider Brothers Company. Hydraulic transmission. 2,333,682; Nov. 9.
- Schneider, Helmuth G. (See Bannon, L. A., and Schneider.)
- Schneider, Helmuth G., and L. A. Bannon, Roselle, N. J., assignors to Standard Oil Development Company. Polymerizing olefins to lubricating oils. 2,318,719; May 11.

- Schneerson, I., & Sons. (See Friedman, Werther, assignor.)
- Schneider, Julius, Omaha, Nebr. Belt attaching means for garments. 2,310,040; Feb. 2.
- Schneider, Kurt R. (See Fitch, C. J., and Schneider.)
- Schneider, Kurt R. (See Fitch, C. J., and Schneider, assignors.)
- Schneider, Kurt, Bitterfeld, Germany; vested in the Alien Property Custodian. Removing phosphorus and arsenic compounds for vanadate solutions. 2,320,661; June 1.
- Schneider, Louis J., assignor to Schneider Metal Manufacturing Company, Chicago, Ill. Sign construction. 2,326,977; Aug. 17.
- Schneider Metal Manufacturing Company. (See Schneider, Louis J., assignor.)
- Schneider, Paul J., Normandy, and H. H. Hollis, St. Louis, Mo. Combination score-sheet supporter and dispenser. 2,309,480; Jan. 26.
- Schneider, Philip C., assignor of one-half to P. B. Joyce, Columbus, Ohio. Process and composition for purification and treatment of natural or sewerage waters. 2,310,655; Feb. 9.
- Schneider, Raymond U., Chicago, Ill., assignor to The Guardite Corporation. Door control mechanism. 2,313,095; Mar. 9.
- Schneider, W. F., Kuhlbiel, and N. Senger, Dessau, Germany, assignors by mortgage to General Aniline & Film Corporation, New York, N. Y. Production of multicolored motion pictures with sound track. 2,323,246; June 29.
- Schneider, Wallace K., and G. W. Seagren, assignors to Stoner-Mudge, Inc., Pittsburgh, Pa. Marking composition. 2,318,803; May 11.
- Schneider, Walter G., and G. G. East Orange, assignors to National Radio Corporation, Newark, N. J. Machine for making the press members or base portions of electronic tubes. 2,312,003; Feb. 23.
- Schneider, Wendel M., Oak Park, Ill. Method and apparatus for producing and dispensing sanitary mouthpieces for bottles. 2,317,408; Apr. 27.
- Schneider, Wilhelm. (See Albers, F., Fröhlich, and Schneider.)
- Schneider, Wilhelm. (See Fröhlich, A., and Schneider.)
- Schneider, Wilhelm. (See Fröhlich, A., Schneider, and Heisel.)
- Schneider, Wilhelm. (See Michael, W., Goehre, Free, v. Fuemer, and Schneider.)
- Schneider, Wilhelm, and A. Fröhlich, Dessau, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Production of photographic and cinematographic color images. 2,312,004; Feb. 23.
- Schneider, Wilhelm, Dessau, R. Schaarschmidt, Bitterfeld, and G. Wilmanns, Wolfen, Kreis Bitterfeld, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Color photography. 2,307,161; Jan. 5.
- Schneider, Wilhelm, Dessau, and G. Wilmanns, Wolfen, Kreis Bitterfeld, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Retouching of subtractive multicolor images. 2,316,291; Apr. 13.
- Schneider, Wilhelm, and H. Schulze, Dessau, and G. Wilmanns, Wolfen, Kreis Bitterfeld, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Photographic and cinematographic multicolor images of correct color value. 2,326,500; Aug. 10.
- Schneider, William G., and C. W. Armandroit, Seattle, Wash. Automobile tow bar. 2,319,521; May 18.
- Schnell, Steve, Overland, assignor to Wagner Electric Corporation, St. Louis, Mo. Valve mechanism for master cylinders. 2,307,642; Jan. 5.
- Schnell, Steve, Overland, assignor to Wagner Electric Corporation, St. Louis, Mo. Windshield wiper motor. 2,310,750; Feb. 9.
- Schnell, Steve, Overland, assignor to Wagner Electric Corporation, St. Louis, Mo. Packing cup retainer. 2,313,271; Mar. 9.
- Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Compound master cylinder. 2,313,273; Mar. 9.
- Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Compound master cylinder. 2,313,274; Mar. 9.
- Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Actuating means for twin master cylinders. 2,319,368; May 18.
- Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Automatic adjusting mechanism for brakes. 2,322,061; June 15.
- Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid trapping device. 2,322,062; June 15.
- Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Booster-assisted fluid pressure compounding systems. 2,322,063; June 15.
- Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Single anchor mounting construction for brake shoes. 2,325,995; Aug. 3.
- Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake shoe mounting construction. 2,326,177; Aug. 10.
- Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Compound master cylinder. 2,328,683; Sept. 7.
- Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking system. 2,328,684; Sept. 7.
- Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking system. 2,328,685; Sept. 7.
- Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Booster assisted brake actuating system. 2,331,238; Oct. 5.
- Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake shoe mounting. 2,331,349; Oct. 12.
- Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure control system. 2,336,891; Dec. 14.
- Schnell, Steve, Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid pressure actuating system. 2,336,892; Dec. 14.
- Schnell, William J., Berwyn, assignor to Electrical Research Laboratories, Inc., Evanston, Ill. Flexible loop antenna. 2,307,805; Jan. 12.
- Schnell, William N., Detroit, Mich. Safety door catch. 2,311,132; Feb. 16.
- Schneller, Rudy F. (See Rotter, L. C., Reiser, Klein, and Schneller.)
- Schnetzler, John J., Montclair, assignor to J. F. Ebert, Glen Ridge, N. J. Fluid coupling system. 2,335,544; Dec. 14.
- Schneider, Otto, Basel, Switzerland, assignor to Hoffman-La Roche Inc., Nutley, N. J. 2,4-dioxo-3,3-dialkylpyrrolidines and the manufacture of same. 2,328,232; Aug. 31.
- Schnitzer, Benjamin J. (See Donnell, L. H., and Schnitzer.)
- Scholer, George H., Cleveland, Ohio. Piston construction. 2,321,160; June 8.
- Schones, Warren E., Chicago, Ill. Heating and humidifying system. 2,323,849; July 6.
- Schnoor, Raymond D., assignor to Mills Novelty Company, Chicago, Ill. Film holder for motion picture projectors. 2,307,806; Jan. 12.
- Schock, John F., Philadelphia, and G. L. Broomell, Jr., Springfield Township, Montgomery County, assignors to Leeds & Northrup Company, Philadelphia, Pa. Self-balancing system. 2,313,272; Mar. 9.
- Schock, Lewis L. and L. L. Jr., St. Albans, N. Y. Phonograph record album holder. 2,331,239; Oct. 5.
- Schock, Robert E., Riverhead, N. Y., assignor to Radio Corporation of America. Wave length modulation. 2,310,260; Feb. 9.
- Schoell, Eugene F., Kensington, assignor, by mesne assignments, to Manning, Bowman & Co., Meriden, Conn. Electric steam iron. 2,334,222; Nov. 16.
- Schoeller, Walter. (See Döhrn, M., Schoeller, Laubereau, Fox, Leckzyk, and Inhoffen.)
- Schoeller, Walter. (See Inhoffen, H. H., Gehrke, and Schoeller.)
- Schoeller, Walter, Berlin-Westend, F. Hildebrandt, Hohen Neuendorf near Berlin, Germany, and E. Schwenk, assignors to Schering Corporation, Bloomfield, N. J. Acyl derivatives of germinal gland hormone preparations of high activity and producing the same. 2,316,190; Apr. 13.
- Schoeller, Walter, Berlin-Charlottenburg, and Hans Herloff Inhoffen, Berlin-Wilmersdorf, Germany, assignors to Schering Corporation, Bloomfield, N. J. Enolic derivatives of steroids and making the same. 2,322,475; June 22.
- Schoeller, Walter, Berlin-Westend, A. Berlin, Berlin, F. Hildebrandt, Hohen Neuendorf near Berlin, L. Strasseberger, Berlin-Wilmersdorf, J. Kathol, and W. Logemann, Berlin, Germany, assignors, by mesne assignments, to Schering Corporation, Bloomfield, N. J. Unsaturated degradation products of steroids and producing the same. 2,323,584; July 6.
- Schoellkopf, Jacob F., IV. (See Trotter, J. C., and Schoellkopf.)
- Schoelm, Charles F., Chicago, Ill., assignor to Link-Belt Speed Corporation. Vehicle stabilizing mechanism. 2,328,849; Sept. 7.
- Schoenbeck, Friedrich, Wulkow, near Alt-Ruppin, and E. Czapp, Berlin-Pankow, Germany; vested in the Alien Property Custodian. Plastic material from vegetable glues. 2,312,446; Mar. 2.
- Schoenberg, Mark J., and H. I. Maximon, New York, N. Y.; said Schoenberg assignor to said Maximon. Educational game. 2,320,832; June 1.
- Schoenberger, W. J., Company, The. See Jaros, Lawrence, assignor.)
- Schoenborn, Ferdinand J. W., Riverhead, N. Y., assignor to Radio Corporation of America. Shielding. 2,317,813; Apr. 27.
- Schoeninger, Adolf O., Irvington, N. J., assignor to Forstner Chain Corporation. Basket weave bracelet. 2,324,241; July 13.
- Schoeninger, Adolf O., Irvington, N. J., assignor to Forstner Chain Corporation. Extension bracelet. 2,333,048; Oct. 26.
- Schoenky, August R., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for operating upon work. 2,315,548; Apr. 6.
- Schoenky, Otto B., Los Angeles, Calif. Grease retainer for crankpin bearings. 2,316,460; Apr. 13.

- Schoenky, Otto B. South Pasadena, and C. W. Sturdevant, San Jose, Calif. Blowoff means for locomotive boilers. 2,329,947; Sept. 21.
- Schoenlaub, Robert A., Tiffin, Ohio, assignor to Owens-Corning Fibers, Inc. Glass composition. 2,334,961; Nov. 23.
- Schoenrock, George B., Detroit, Mich. Tandem wheel trailer. 2,321,864; June 15.
- Schoenrock, Otto R., Chicago, Ill. Wheel mounting for tractors. 2,323,682; July 6.
- Schoenwald, Alexander. (See De Whitt, W. J., Hommel, and Schoenwald.)
- Schoenwald, Alexander, Auburn, N. Y. Electrical contact resistance heating and soldering device. 2,331,141; Oct. 5.
- Schoenwetter, Reinhold D., Clarendon, assignor to Swirling Heat, Inc., Rosslyn, Va. Oil burner. 2,319,636; May 18.
- Schoeff, John G., assignor to Asten-Hill Mfg. Co., Philadelphia, Pa. Ironer roll covering unit. 2,333,824; Nov. 9.
- Schoessow, Glen J., (See Ebbs, G. D., Rowand, and Schoessow.)
- Schoettel, Eugen, Akron, Ohio. Safety valve. 2,320,002; Sept. 7.
- Schofield, Earl L., assignor to Henney Motor Company, New York, Ill. Door check. 2,320,449; June 1.
- Schofield, Frank M., (See Henke, C. O., and Schofield.)
- Schofield, William W., Hubbard, Ohio, W. Owen, Pittsburgh, Pa., and J. Bidner, Youngstown, Ohio. Ingot mold. 2,310,553; Feb. 9.
- Scholding Locks Corporation. (See Wasserman, Hyman, assignor.)
- Schofield, Richard P., assignor to Schofield Service, Inc., New York, N. Y. Filing apparatus. 2,316,489; Apr. 13.
- Schofield, Richard P., assignor to Schofield Service, Inc., New York, N. Y. Filing apparatus. 2,332,605; Oct. 26.
- Schofield, Richard P., assignor to Schofield Service, Inc., New York, N. Y. Filing apparatus. 2,332,606; Oct. 26.
- Schofield Service, Inc. (See Schofield, Richard P., assignor.)
- Scholl Mfg. Co., The. (See McCormick, Lewis M., assignor.)
- Scholl Mfg. Co. (See Miller, Euseb C., assignor.)
- Scholl, William M., Chicago, Ill. Arch support. 2,319,160; May 11.
- Scholle, Maud, New York, N. Y. Garment. 2,335,971; Dec. 7.
- Scholz, William A., Altadena, Calif. Apparatus for counting laundry. 2,337,774; Dec. 28.
- Schomer, Raymond A., (See Owens, J. C., and Schomer.)
- Schona, Pierre, assignor to Marmon-Herrington Company, Indianapolis, Ind. Dual transmission control. 2,324,542; July 20.
- Schönberg, Jackson R., and J. B. Maxwell, Westfield, N. J., assignors to Standard Oil Development Company. Distillation process. 2,319,750; May 18.
- Schone, Paul. (See Bailey, F. S., and Schone.)
- Schönfeld, Richard, and H. Fiedler, Dresden, Germany; vested in the Allen Property Custodian. Production of candles. 2,330,630; Sept. 28.
- Schönfeld, Wilhelm, Berlin, Germany; vested in the Allen Property Custodian. Regulator resistance. 2,316,292; Apr. 13.
- Schönitzer, Rudolph I. (See Allen, E. L., and Muster, assignors.)
- Schönitzer, Rudolph I. (See Puzik, Otto V., assignor.)
- Schönitzer, Rudolph I. (See Schönitzer, R. I., (Allen and Muster, assignors).)
- Schönitzer, Rudolph I., Shaker Heights, E. L. Allen, and H. B. Muster, Cleveland Heights, Ohio, said Allen and said Muster assignors to said Schönitzer. Connecting and guiding means for endless tracks and the like. 2,330,245; Sept. 28.
- Schönitzer, Rudolph I., Shaker Heights, E. L. Allen, and H. B. Muster, Cleveland Heights, Ohio, said Allen and said Muster assignors to said Schönitzer. Connecting and guiding means for endless tracks and the like. 2,330,246; Sept. 28.
- Schönitzer, Rudolph I., Shaker Heights, E. L. Allen, and H. B. Muster, Cleveland Heights, Ohio; said Allen and said Muster assignors to said Schönitzer. Tread block core for endless tracks and the like. 2,331,350; Oct. 12.
- School of Design. (See Niedringhaus, Charles W., assignor.)
- Schoonmaker, James M., Jr., Sewickley, and F. Stockton, assignors to Standard Steel Spring Company, Coraopolis, Pa. Protected metal article and producing the same. 2,315,740; Apr. 6.
- Schoonover, Irvin G., and G. R. Dickson, Washington, D. C., assignors to the Government of the United States as represented by the Secretary of Commerce. Protecting plastics during curing or molding. 2,333,679; Nov. 9.
- Schopmeyer, Herman H. (See Felton, G. E., and Schopmeyer.)
- Schopmeyer, Herman H., Hammond, Ind., assignor to American Maize-Products Company. Feed. 2,313,275; Mar. 9.
- Schopmeyer, Herman H., Hammond, Ind., and G. V. Sharps, Chicago, Ill., assignors to American Maize-Products Company. Separating oil from the corn gluten. 2,310,180; Feb. 2.
- Schopmeyer, Herman H., Hammond, Ind., and G. V. Sharps, Chicago, Ill., assignors to American Maize-Products Company. Making iron phosphate. 2,313,276; Mar. 9.
- Schopmeyer, Herman H., and G. E. Felton, Hammond, Ind., assignors to American Maize-Products Company. Starch product and making. 2,319,637; May 18.
- Schopmeyer, Herman H., Hammond, Ind., and W. A. Mollison, Chicago, Ill., assignors to American Maize-Products Company. Making dextrose. 2,324,113; July 13.
- Schopmeyer, Herman H., Hammond, Ind., and A. H. Goodman, Chicago, Ill., assignors to American Maize-Products Company. Making starch conversion products. 2,332,758; Oct. 26.
- Shore, George, New York, N. Y. Forming insoluble and adherent nonmetallic films on metals. 2,323,424; July 6.
- Schorer, Herman, Valhalla, N. Y. Prestressing reinforcement device for concrete. 2,328,033; Aug. 31.
- Schorer, Otto J., Northampton, Mass., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Rock drill. 2,328,926; Sept. 7.
- Schorer, Otto J., Northampton, Mass., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Percussive tool. 2,337,351; Dec. 21.
- Schorer, Arlie W., Madison, Wis., assignor to Burgess Cellulose Company, Freeport, Ill. Thermoplastic lignocellulosic product and method of making the same. 2,319,951; May 25.
- Schorer, Arlie W., Madison, Wis., assignor to Burgess Cellulose Company, Freeport, Ill. Thermoplastic lignocellulosic product and making the same. 2,319,952; May 25.
- Schorer, Carl F., Detroit, Mich., assignor to G. M. and E. Holley, Pressure carburetor. 2,324,599; July 20.
- Schorer, Carl F., Detroit, Mich. Flowmeter. 2,325,884; Aug. 3.
- Schorstein, L. A., and R. M., Galveston, Tex. Hat package. 2,314,106; Mar. 16.
- Schorstein, Raphael M. (See Schornstein, Leopold A. and R. M.)
- Schott, John F., (See Blair, G. W., and Schott.)
- Schott, John F., assignor to Mishawaka Rubber and Woolen Manufacturing Company, Mishawaka, Ind. Pore surfaced foam rubber and method. 2,327,001; Aug. 17.
- Schottkofer, Joseph G., Detroit, Mich. Ventilated water chamber for form. 2,309,925; Feb. 3.
- Schotz, Otto W., (See Neracher, C. A., Dunn, Syrov, Javell, Bury, and Schotz.)
- Schouten, Cornelis, Delft, Netherlands; vested in the Allen Property Custodian. Jig for treating ore-bearing and like materials. 2,314,428; Mar. 23.
- Schrader, Charles C., assignor to Armstrong Cork Company, Lancaster, Pa. Cork spinning cot and making the same. 2,336,193; Dec. 7.
- Schrader, Gerhard, Leverkusen I. G.-Werk, Germany; vested in the Allen Property Custodian. Hexaesters of tetraphosphoric acid. 2,336,302; Dec. 7.
- Schrader, Harold J., Haddon Heights, N. J., and T. A. Smith, Philadelphia, Pa., assignors to Radio Corporation of America. Phase measurement. 2,320,476; June 1.
- Schrader, Harold J., Haddon Heights, B. W. Robins, Eadsfield, N. J., and J. M. Brumbaugh, Lansdowne, Pa., assignors to Radio Corporation of America. Modulation limiter. 2,335,796; Nov. 30.
- Schrader, Herbert, Wheeling, W. Va., assignor to Continental Can Company, Inc., New York, N. Y. Sheet metal container. 2,338,013; Dec. 28.
- Schrage, Frederick S., (See Copeland, C. V., and Schrage.)
- Schram, Charles F., and F. H. Schram, Wichita Falls, Tex. Bicycle rack. 2,329,058; Sept. 7.
- Schram, Frank H., (See Schram, C. F., and F. H.)
- Schram, Hugh H., New York, N. Y. Jack carriage. 2,318,108; May 4.
- Schramm, Albert A., (See Walker, S. F., and Schramm.)
- Schreck, Irvin E., Cleveland Heights, Ohio. Tractor unit for industrial trucks. 2,336,642; Dec. 14.
- Schreckenguest, J. G., et al. (See Riessen, Schiller R., assignor.)
- Schreiber, John H., St. Louis, Mo. Joint breaker and cathode. 2,325,429; July 27.
- Schreiber, John H., St. Louis, and F. H. Dean, Normandy, assignors to General Engineering & Mfg. Co., St. Louis, Mo. Gear shift locking device. 2,335,797; Nov. 30.
- Schreiber, Richard S., (See Hanford, W. E., and Schreiber.)
- Schreiner, George A., (See Cluett, S. L., and Schreiner.)
- Schreiner, Norman G., Philadelphia, Pa., assignor to The Linde Air Products Company. Welding. 2,331,937; Oct. 19.
- Schreiner, Wilhelm. (See Stegelitz, H., and Schreiner.)
- Schremp, Frederick W., Elmira, assignor to Remington Rand Inc., Buffalo, N. Y. Typewriting and like machine. 2,312,676; Mar. 2.

- Schreuder, Arthur N., assignor to Quaker Manufacturing Company, Chicago, Ill. Fuel control for fluid fuel burners. Re. 2,227,676; Feb. 23.
- Schrey, Kurt G. (See Spicer, W. E., and Schrey.)
- Schreyer, Edward P., and K. Peters, Milwaukee, Wis.; said Peters assignor to said Schreyer. Illuminated vanity case. 2,333,891; Nov. 9.
- Schreyer, Frederick, Jamaica, assignor of forty-nine percent to W. Bicknese, Jamaica Beach, Jamaica, N. Y. Tray and bait box therefor. 2,316,888; Apr. 20.
- Schreyer, Leo, Bratenahl, Ohio, assignor to International Elastit Corporation. Cap and making the same. 2,318,185; May 4.
- Schrieke, Otto E. (See d'Angremont, A., and Schrieke.)
- Schriever, Henry, Douglas, Minn. Filter for milk and the like. 2,321,776; June 15.
- Schröder, Alfred and O. Falk, Breslau, Germany; vested in the Alien Property Custodian. Guide roller support. 2,322,977; June 29.
- Schroder, Walter L., Hortonville, and T. A. Rogers, Stevens Point, Wis. Canning green vegetables. 2,318,426; May 4.
- Schroeder, Arthur C., Syracuse, N. Y., assignor to Redler Conveyor Company, Quincy, Mass. Conveyor. 2,320,834; June 1.
- Schroeder, Carl, Berlin, Germany; vested in the Alien Property Custodian. Controlling the operation of vapor generators. 2,322,975; June 29.
- Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Electric hoist. 2,321,525; June 8.
- Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Industrial truck. 2,327,848; Aug. 24.
- Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Industrial truck. 2,331,734; Oct. 12.
- Schroeder, Charles, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Chain hoist. 2,335,571; Nov. 30.
- Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Truck. 2,335,572; Nov. 30.
- Schroeder, Ernest R., Hawthorne, and V. Willoughby, Ridgewood, N. J., assignors to American Car and Foundry Company, New York, N. Y. Container car. 2,337,131; Dec. 21.
- Schroeder, George H. (See McEachron, E. J., Thom, Schroeder, and Johnson.)
- Schroeder, Harry E., Cleveland, Ohio. Attachment for portable implements. 2,320,387; June 1.
- Schroeder, Martin A., Chicago, and F. J. Jakoubek, Elmwood Park, Ill., assignors to Templeton, Kenly & Co. Endless tread track tool. 2,332,607; Oct. 26.
- Schroeder, Richard, Aachen, Germany; vested in the Alien Property Custodian. Electrostatic voltmeter. 2,320,662; June 1.
- Schroeder, Simon E., assignor to Barlow & Seelig Manufacturing Company, Ripon, Wis. Wringer. 2,307,337; Jan. 5.
- Schroeder, Simon E., assignor to Barlow & Seelig Manufacturing Company, Ripon, Wis. Domestic washing machine construction. 2,323,571; July 6.
- Schroeder, Simon E., Chicago, Ill., assignor to Barlow & Seelig Mfg. Co., Ripon, Wis. Clothes wringer. 2,326,259; Aug. 10.
- Schroeder, Wesley D. (See Coleman, G. H., and Schroeder.)
- Schroeder, Wesley D. (See Coleman, G. H., and Wesley.)
- Schroepfer, Fred W., Baltimore, Md. Fluid motor. 2,335,362; Nov. 30.
- Schroepfel, Paul R., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Tractor mower. 2,331,863; Oct. 12.
- Schrobe, Robert H., and R. W. Manuel, assignors to Crane Co., Chicago, Ill. Sealing compound. 2,324,729; July 20.
- Schrom, Oscar G. (See Barraja-Frauenfelder, J., and Schrom.)
- Schrope, William D. (See Arthur, J. L., and Schrope.)
- Schröter, Rudolf. (See Lehmann, W., and Schröter.)
- Schroy, Paul C. (See Jayne, D. W., Jr., and Schroy.)
- Schroy, Paul C., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Accelerators of the delayed action type and acid-curing thermosetting resin. 2,328,727; Aug. 10.
- Schroy, Paul C., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Plasticizing thermosetting resins. 2,326,728; Aug. 10.
- Schrum, Hans. (See Clingenstein, H., and Schrum.)
- Schuberg, Ernst. (See Hjärpe, E. G., and Schuberg.)
- Schubert, Baltasar, Chicago, Ill. Shear. 2,333,892; Nov. 9.
- Schubert, Bruno H., Weehawken, N. J., assignor to National Lead Company, New York, N. Y. Storage battery separator. 2,326,689; Aug. 10.
- Schubert, Bruno H., Weehawken, N. J., assignor to National Lead Company, New York, N. Y. Composition battery separator and making the same. 2,326,690; Aug. 10.
- Schubert, Edward F., Keenesburg, Colo. Tire pressure signal. 2,316,461; Apr. 13.
- Schubert, Edward F., assignor to Automatic Air Gauge, Inc., Keenesburg, Colo. Tire pressure indicator. 2,334,443; Nov. 16.
- Schubert, Homer M., Salem, Oreg. Score card. 2,326,260; Aug. 10.
- Schubert, Frank H., St. Louis County, Mo. Making fans. 2,336,303; Dec. 7.
- Schub, John A., Wyandotte, assignor to H. W. Dietert, Detroit, Mich. Drier. 2,335,798; Nov. 30.
- Schuchardt, Hans, and C. Lüdke, Berlin-Steglitz, Germany; vested in the Alien Property Custodian. Radio direction finding means. 2,308,936; Jan. 19.
- Schuchmann, Hans, Berlin-Spandau, and Walter Steinmetz, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Cooling traps, primarily for condensing vapors of mercury and the like. 2,317,814; Apr. 27.
- Schuck, Carl L. (See Serfling, G. R., and Schuck.)
- Schuck, Carl L. (See Williams, E. A., Jr., and Schuck.)
- Schueder, George M. (See Evans, R. B., Farrell, and Schueder.)
- Schueler, Fred C., Wausau, Wis., assignor to John W. Bolton & Sons, Inc., Lawrence, Mass. Jacket unit for stirred pumps. 2,336,039; Dec. 7.
- Schuelke, Annelotte, administratrix. (See Schuelke, Erich.)
- Schuelke, Erich, deceased, Saddle River, N. J., by Annelotte Schuelke, administratrix, Saddle River, N. J. Impregnation of fibrous materials. 2,317,487; Apr. 27.
- Schulz, Adolph R., Minneapolis, Minn. Artificial bait. 2,333,590; Apr. 27.
- Schueller, Eugène, Franceville, France; vested in the Alien Property Custodian. Rendering inoffensive hair dyes of the so-called oxidation type. 2,313,027; Mar. 2.
- Schueren, William B. (See Ferguson, A. P., and Schueren.)
- Schuessler, Carl F., Chicago, Ill. Glove. 2,311,133; Feb. 16.
- Schuessler, L. Ray. (See Hamilton, Francis C., assignor.)
- Schuessler, Leyvon R., St. Louis, Mo. Record card filing system. 2,336,572; Dec. 14.
- Schuette, Herman W., St. Louis, Mo. Octozone generator. 2,308,111; Jan. 12.
- Schultz, Clyde, Mount Prospect, Ill., assignor to Keesbey & Mattison Company, Ambler, Pa. Decorative slab. 2,314,856; Mar. 23.
- Schuftan, Paul M., Richmond Hill, assignor to The British Oxygen Company, Limited, London, England. Separation of superheated vapors. 2,327,133; Aug. 17.
- Schuftan, Paul M., Richmond Hill, England, assignor to The British Oxygen Company, Limited, London, England. Extraction of hydrocarbons from gas mixtures which, besides hydrocarbons, contain carbon dioxide. 2,327,134; Aug. 17.
- Schuh, Charles H., Ridgewood, assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Composition material and producing the same. 2,307,860; Jan. 12.
- Schuh, Charles H., Ridgewood, assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Surfaced cement fiber product. 2,324,325; July 13.
- Schuh, William H., Aberdeen, assignor to Grays Harbor Chair & Mfg. Company, Hoquiam, Wash. Drawer pull. 2,315,457; Mar. 30.
- Schumann, Christian J., Brooklyn, N. Y. Safety device for foot kick presses. 2,334,130; Nov. 9.
- Schuldiner, Jacob A., New York, N. Y. Laboratory heater. 2,333,683; Nov. 9.
- Schuldt, Harry C. (See Jochum, Carl P., assignor.)
- Schuler, George, Brooklyn, and H. Tynman, Woodside, N. Y. Window construction. 2,308,548; Jan. 19.
- Schuler, Hugo. (See Dronigke, E., and Schuler.)
- Schulerud, Albert L. (See Heald, R. F., and Schulerud.)
- Schulström, Tage, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,320,502; June 1.
- Schulte, John A. (See Knill, F., and Schulte.)
- Schultz Engineering Corporation, Brooklyn, N. Y. Adhesive applying attachment. 2,314,519; Mar. 23.
- Schultz, Alfred S. (See Atkin, L., Schultz, and Frey, assignors.)
- Schultz, Alfred S., and L. Atkin, Bronx, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Maltose and galactose fermentations. 2,311,418; Feb. 16.
- Schultz, Alfred S., and L. Atkin, Bronx, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Yeast propagation. 2,322,320; June 22.
- Schultz, Alfred S., and L. Atkin, Bronx, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Yeast culture. 2,333,955; Nov. 9.
- Schultz, Alfred S., and L. Atkin, Bronx, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Yeast propagation. 2,333,956; Nov. 9.
- Schultz, Arthur B., Berkeley, and T. R. Bush, Royal Oak, assignors to Kermath Manufacturing Company, Detroit, Mich. Marine transmission. 2,321,255; June 8.
- Schultz, Earl W. (See Millhouse, S. L., and Schultz.)
- Schultz Engineering Corporation. (See Schultz, R. H., and Siebert, assignors.)

- Schultz, Erich, Stuttgart-Rotenberg, Germany; vested in the Alien Property Custodian. Centrifugal impeller. 2,320,663; June 1.
- Schultz, George E., Marinette, Wis. Polishing unit. 2,311,879; Feb. 23.
- Schultz, Joachim M., New York, N. Y. Quill brush. 2,313,675; Mar. 9.
- Schultz, Joseph A., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heating pad. 2,318,109; May 4.
- Schultz, Joseph M., Chicago, Ill. Cotter pin spreader. 2,330,013; Sept. 21.
- Schultz, Kristian, assignor to Armour and Company, Chicago, Ill. Manufacture of sausage casings and the like. 2,337,775; Dec. 28.
- Schultz, Paul L., Cleveland, Ohio. Fluid device. 2,337,573; Dec. 28.
- Schultz, Robert F. (See Lavine, I. and Schultz.)
- Schultz, Roy M. (See Baker, J. S., and Schultz.)
- Schultz, Roy M. (See Hobbs, G. R., and Schultz.)
- Schultz, Rudolph H., and A. J. Siebert, assignors to Schultz, Thomas H., Richmond, I. E. Lavine and H. R. Wellman, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compression ignition motor. 2,317,908; Apr. 27.
- Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse. Re. 2,337,372; Sept. 7.
- Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse construction. 2,313,364; Mar. 9.
- Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse construction. 2,313,365; Mar. 9.
- Schultz, William O., South Milwaukee, assignor to Line Material Company, Milwaukee, Wis. Combined fuse cut-out and disconnect switch. 2,319,161; May 11.
- Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Making cores for transformers like the like. 2,324,115; July 18.
- Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse device. 2,331,846; Oct. 12.
- Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse device. 2,331,847; Oct. 12.
- Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse device. 2,331,848; Oct. 12.
- Schultz, William O., South Milwaukee, and A. G. Steinhilber, Shorewood, assignors to Line Material Company, South Milwaukee, Wis. Combined switch and fuse. Re. 2,342,12; Dec. 21.
- Schultz, William O., South Milwaukee, and A. G. Steinhilber, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Fuse construction. 2,310,466; Feb. 9.
- Schultz, William O., South Milwaukee, and A. G. Steinhilber, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Repeating cutout construction. 2,311,092; Feb. 16.
- Schultz, William O., South Milwaukee, and A. G. Steinhilber, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Quick-break disconnect switch. 2,317,118; Apr. 20.
- Schultz, William O., South Milwaukee, and A. G. Steinhilber, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Fuse. 2,324,114; July 13.
- Schultz, William O., South Milwaukee, and A. G. Steinhilber, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Machine for winding coils and method of winding coils. 2,334,181; Nov. 9.
- Schultz, William O., South Milwaukee, and A. G. Steinhilber, assignors to Line Material Company, South Milwaukee, Wis. Fuse link construction. 2,336,304; Dec. 7.
- Schultze, Irmgard (See Karlsson, George L., assignor.)
- Schultze, Paul, assignor to Doran Brothers, Incorporated, Danbury, Conn. Hat brim pounding machine. 2,309,141; Jan. 26.
- Schultze, Paul, assignor to John C. Doran, doing business as Doran Brothers, Danbury, Conn. Pounding machine. 2,315,276; Mar. 30.
- Schultze, Werner, Dessau, Germany assignor to General Aniline & Film Corporation, New York, N. Y. Production of color images. 2,307,162; Jan. 5.
- Schulz, Alfred. (See Reppe, W., Schmidt, Schulz, and Wendenlein.)
- Schulz, Arthur P. (See Porter, H. C., and Schulz.)
- Schulz, Carl G. (See Schulz, Kurt W., and C. G.)
- Schulz, Elise, Vienna, Germany; vested in the Alien Property Custodian. Tubular container. 2,315,228; Mar. 30.
- Schulz, Harold A., Richland Township, Bucks County, Pa., assignor, by mesne assignments, to Hydro Silica Corporation, Gasport, N. Y. Refrigerating unit. 2,332,349; Oct. 9.
- Schulz, Kurt W., and C. G. Joliet, Ill. Apparatus for making insulating material. 2,326,889; Aug. 17.
- Schulze, Carl, Santa Barbara, Calif. Piano action. 2,309,278; Jan. 26.
- Schulze, Heinz. (See Schneider, W., Schulze, and Wilmanns.)
- Schulze, Reinhard, Baltimore, Md. Escapement action for grand pianos. 2,334,444; Nov. 16.
- Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,335,643; Dec. 14.
- Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating hydrocarbons. 2,337,003; Dec. 14.
- Schulze, Walter A., and G. H. Short, Bartlesville, Okla., assignors to Phillips Petroleum Company. Treatment of hydrocarbon fluids. 2,309,871; Feb. 3.
- Schulze, Walter A., A. A. Ruoho, and G. H. Short, Bartlesville, Okla., assignors to Phillips Petroleum Company. Treatment of hydrocarbons. 2,315,662; Apr. 6.
- Schulze, Walter A., A. A. Ruoho, and G. H. Short, Bartlesville, Okla., assignors to Phillips Petroleum Company. Treatment of hydrocarbons. 2,315,663; Apr. 6.
- Schulze, Walter A., and A. E. Buell, Bartlesville, Okla., assignors to Phillips Petroleum Company. Sweetening sour hydrocarbon oil. 2,315,820; Apr. 6.
- Schulze, Walter A., and L. C. Morris, Bartlesville, Okla., assignors to Phillips Petroleum Company. Treating hydrocarbons. 2,315,875; Apr. 6.
- Schulze, Walter A., G. H. Short, and C. J. Helmers, Bartlesville, Okla., assignors to Phillips Petroleum Company. Control of catalytic reactions. 2,331,427; Oct. 12.
- Schulze, Walter A., and J. C. Hillyer, Bartlesville, Okla., assignors to Phillips Petroleum Company. Producing catalytic material. 2,337,028; Dec. 28.
- Schulz, Winners, Pa. Free flow liquid fuel filter. 2,326,691; Aug. 10.
- Schummacher, Erle E. (See Bouton, G. M., and Phipps, and Schummacher.)
- Schummacher, Martin. (See Wellenstein, R., Holle, and Schummacher.)
- Schummacher, William L., Milwaukee, Wis. Lighting fixture. 2,316,640; Mar. 23.
- Schumann, Seymour, New York, N. Y. Clamping means for wound coils. 2,317,815; Apr. 27.
- Schundler, F. E., & Co. (See Denning, Paul S., assignor.)
- Schunk, George S., West Allis, Wis. Power drive for bicycles. 2,328,233; Aug. 31.
- Schar, Milton O., and E. M. Archer, assignor to Brown Company, Berlin, New Hampshire. Artificial leather manufacture. 2,335,702; Nov. 30.
- Schurmann, Max O. (See Bestian, H., and Schürmann.)
- Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Gear cutting machine. 2,335,215; Nov. 23.
- Schurr, Charles H., and H. C. Warner, assignors to The Lees-Bradner Company, Cleveland, Ohio. Hobbing machine. 2,316,307; Apr. 13.
- Schurtz, Ralph E., Kansas City, Mo., and J. N. Roth, Belding, Mich., assignors to Gibson Electric Refrigerator Corporation. Safety device for absorption refrigerators. 2,337,067; Dec. 21.
- Schuster, Curt, R. Sauerbier, and H. Fikentscher, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Polymerization of N-vinyl lactams. 2,335,454; Nov. 30.
- Schuster, Fritz, Chemnitz, Germany; vested in the Alien Property Custodian. Collecting device. 2,316,630; Apr. 13.
- Schusterman, Adolph, New York, N. Y. Rolled color separation film for box cameras and the like. 2,332,474; Oct. 19.
- Schutt, John W., North Arlington, N. J., assignor to Koppers Company. Continuous recovery of pyridine. 2,311,134; Feb. 16.
- Schütte, Alfred, Augsburg, Germany; vested in the Alien Property Custodian. Rotor in elastic fluid turbine. 2,306,233; Jan. 12.
- Schutte, August H. (See Kniel, L., and Schutte.)
- Schutte, August H., Tuckahoe, N. Y. Continuous filter. 2,325,635; Aug. 3.
- Schutte, August H., Tuckahoe, assignor to The Lummas Company, New York, N. Y. Catalysis. 2,331,938; Oct. 19.
- Schutte, August H., Westfield, N. J. Continuous filter. 2,325,074; Aug. 3.
- Schutte, Charles, and H. D., Snyder, N. Y. Screening mill. 2,328,170; Aug. 31.
- Schutte, Herman D. (See Schutte, Charles F. and H. D.)
- Schultz, Edwin, assignor to Aktiengesellschaft Oederlin & Co., Baden, Switzerland. Rotary casting. 2,327,745; Aug. 24.
- Schutz, Harold R., Toledo, Ohio, assignor to Libbey Glass Company. Reheating furnace. 2,313,698; Mar. 9.
- Schutz, Harold R., Toledo, Ohio, assignor to Libbey Glass Company. Apparatus for making glassware. 2,327,825; Aug. 24.
- Schutz, Harold R., Toledo, and C. R. Vining, Elmore, Ohio, assignors to Libbey Glass Company. Apparatus for making glassware. 2,307,425; Jan. 6.
- Schutz, Henry, Margate City, N. J. Chassis truss bar. 2,330,522; Sept. 28.
- Schutz, Raymond F., Buffalo, N. Y. Spectacle case. 2,308,112; Jan. 12.
- Schuyler, Bernard M., Dorchester, Mass. Garment of the pajamas type. 2,315,352; Mar. 30.
- Schwab, Emil W., Pittsburgh, Pa. Antiskid appliance. 2,310,467; Feb. 9.

- Schwab, Francis C., Mexico City, Mexico. Table. 2,321,324; June 8.
- Schwab, Joseph B., Stockton, Calif. Grading apparatus. 2,328,299; Aug. 31.
- Schwab, Martin C., Chicago, Ill. Liquid dispensing device. 2,318,637; May 11.
- Schwab, Martin C., Chicago, Ill. Device for defense against the attack of highspeed torpedo boats. 2,327,463; Aug. 24.
- Schwab, Martin C., Chicago, Ill. Ship. 2,331,735; Oct. 12.
- Schwab, Martin C., Chicago, Ill. Detecting submarine objects and apparatus therefor. 2,331,736; Oct. 12.
- Schwab, Martin C., Chicago, Ill. Dispensing and packaging device for fluids. 2,333,684; Nov. 9.
- Schwab, Martin C., Chicago, Ill. Dispensing and packaging device for sterile liquids. 2,333,685; Nov. 9.
- Schwab, Martin C., Chicago, Ill. Apparatus for liquid dispensing and manufacture thereof. 2,335,799; Nov. 30.
- Schwab, Paul, Niederuzwil, assignor to G. Bühler, Uzwil, Switzerland. Extrusion die for hollow food articles. 2,308,937; Jan. 19.
- Schwabe, Joseph L., Jr. (See Schmidt, E. L., and Schwabe, Jr.)
- Schwager, August C., Millbrae, assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Pole type circuit breaker. 2,311,699; Feb. 23.
- Schwager, August C., Millbrae, and C. L. Garrison, assignors to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Disconnecting switch. 2,328,171; Aug. 31.
- Schwaiger, Karl, Gaggenau, Baden, Germany; vested in the Alien Property Custodian. Device for withdrawing brake air from Diesel engine cylinders. 2,322,978; June 29.
- Schwalberg, Abraham, Brooklyn, N. Y. Wrist watch strap. 2,319,199; May 11.
- Schwarz, Léon, Brussels-Ucle, Belgium, assignor, by mesne assignments, to Chromogen, Incorporated. Producing photographic dye images. 2,333,126; Nov. 2.
- Schwarzman, Alexander, assignor to Spencer Kellogg and Sons, Inc., Buffalo, N. Y. Modifying castor oil. 2,330,180; Sept. 21.
- Schwarzman, Alexander, assignor to Spencer Kellogg and Sons, Inc., Buffalo, N. Y. Dehydrating castor oil. 2,330,181; Sept. 21.
- Schwartz, Arthur A., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Oval cutting machine. 2,315,479; Mar. 30.
- Schwartz, Charles, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Making butter. 2,311,598; Feb. 16.
- Schwartz, Charles, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Manufacture of cultured buttermilk. 2,311,599; Feb. 16.
- Schwartz, Daniel M., assignor to Dravo Corporation, Pittsburgh, Pa. Clamshell bucket. 2,315,985; Apr. 6.
- Schwartz, Edward, Hollywood, Calif. Animated picture device. 2,326,397; Aug. 10.
- Schwartz, Fernand F., and M. A. Chavannes, Paris, France, assignors, by mesne assignments, to Ecla Patents Corporation, New York, N. Y. Coating of surfaces with liquids by spraying. 2,319,353; May 18.
- Schwartz, Francis Q., Detroit, Mich. Center drill. 2,334,845; Nov. 23.
- Schwartz, George L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of nonwoven fabrics. 2,330,314; Sept. 28.
- Schwartz, George L., Wilmington, Del., and J. F. Walker, Lewiston, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical treatment of paper. 2,322,887; June 29.
- Schwartz, George L., Wilmington, Del., and J. F. Walker, Lewiston, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing high wet strength paper. 2,322,888; June 29.
- Schwartz, George S., Brownwood, Tex. Illuminated artificial bait holder. 2,314,521; Mar. 23.
- Schwartz, Jacob D., Pittsburgh, Pa. Method of and apparatus for making dentures. 2,316,631; Apr. 13.
- Schwartz, Jean, Baden, assignor, by mesne assignments, to "Patelhold" Patentverwertungs & Elektro-Holding A.-G., Glarus, Switzerland. Band filter. 2,318,531; May 4.
- Schwartz, John L., assignor to Philadelphia Thermometer Company, Philadelphia, Pa. Thermometer. 2,320,753; Jan. 1.
- Schwartz, Morris, assignor to Barrel Fitting & Seal Corporation, Chicago, Ill. Metal forming apparatus and operation. 2,308,471; Jan. 12.
- Schwartz, Morris, and W. Castedello, Stamford, Conn., assignors to The Kalart Company, Inc., Stamford, Conn. Camera attachment. 2,321,945; June 15.
- Schwartz, Morris A., Los Angeles, Calif. Check valve injector for steam generating irons. 2,328,890; Aug. 17.
- Schwartz, Morris A., Los Angeles, Calif. Steam pressing iron. 2,336,807; Dec. 14.
- Schwartz, Myron E., Two Rivers, Wis. Combination milk filter. 2,316,721; Apr. 13.
- Schwartz, Nathan R., New York, N. Y. Universally adjustable light socket. 2,309,991; Feb. 2.
- Schwartz, Russell P., Rochester, N. Y. Circuit controlling device. 2,332,608; Oct. 26.
- Schwartzberg, Louis, Chicago, assignor to C. W. Johnson, Glenview, Ill., as trustee. Shipping container. 2,311,473; Feb. 16.
- Schwartzwalder, Karl. (See McDougal, T. G., and Schwartzwalder.)
- Schwartzwalder, Karl, Flint, assignor to General Motors Corporation, Detroit, Mich. Spark plug insulator. 2,332,014; Oct. 19.
- Schwartzwalder, Karl, and A. H. Fessler, Flint, assignors to General Motors Corporation, Detroit, Mich. Ceramic body and making same. 2,308,115; Jan. 12.
- Schwartzwalder, Karl, and R. W. Smith, Flint, assignor to General Motors Corporation, Detroit, Mich. Insulator seal. 2,317,305; Apr. 20.
- Schwarz, Adolphe, Baden, Switzerland. Method of and apparatus for rolling molten metals. 2,332,759; Oct. 26.
- Schwarz, Alfred. (See Schlomann, A. F., and Schwarz.)
- Schwarz, Benno, Norwich, England. Improving the commutation of commutator dynamoelectric machines. 2,311,700; Feb. 23.
- Schwarz, Bertram A., and L. Fichter, Kokomo, Ind., assignors to General Motors Corporation, Detroit, Mich. Asignator. 2,320,893; June 1.
- Schwarz, Egon H., Zurich, Switzerland. Preserving materials of the powdery or mealy type. 2,328,300; Aug. 31.
- Schwarz Engineering Company, The. (See Lachle, Frank B., assignor.)
- Schwarz Engineering Company. (See Souther, John G., assignor.)
- Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Making long pressed tubular glass structures. 2,333,745; Nov. 9.
- Schwarz, Herbert. (See Kurtz, P., and Schwarz.)
- Schwarz, Herbert. (See Kurtz, P., Casper, and Schwarz.)
- Schwarz, Theo., assignor to Industrias Troquifa, S. A., Mexico City, Republic of Mexico. Preparation of disodium dibromhydroximercurifluorescein. 2,335,703; Nov. 30.
- Schwarzbach, George, Brooklyn, N. Y. Automatic transmission. 2,318,186; May 4.
- Schwarze Electric Company. (See Stern, Lewis J., assignor.)
- Schwarz Engineering Company, The. (See Souther, John G., assignor.)
- Schwarz, Paul J., Scotia, K. A. Killam, and L. A. Taylor, Schenectady, N. Y., assignors to General Electric Company. Pressure responsive device. 2,310,261; Feb. 9.
- Schwarzkopf, Conrad E., New York, N. Y. Flower holding brooch. 2,323,572; July 6.
- Schwarzkopf, Emil, Chicago, Ill. Liquid dispenser. 2,328,746; Sept. 7.
- Schwarzkopf, Hans-H., New York, N. Y., assignor to American Electro Metal Corporation, Lewiston, Maine. Electrical heating element. 2,308,459; Jan. 12.
- Schwarzmann, Wolfgang E. (See Martin, J. F., Schwarzmann, and Bach.)
- Schwarzmann, Wolfgang E., Longmeadow, F. S. Coe, Springfield, Mass., and L. W. Rosenthal, New York, N. Y., assignors to American Bosch Corporation, Springfield, Mass. Multicylinder magnet. 2,312,447; Mar. 2.
- Schwebs, Robert K., Hortonville, Wis. Refrigerator car. 2,314,463; Mar. 23.
- Schweber, William, Buffalo, N. Y. Two-way clothespin. 2,320,894; June 1.
- Schweich, Joseph H., Clayton, Mo. Gown. 2,330,315; Sept. 28.
- Schweickart, William M. (See Julyan, F. G., and Schweickart.)
- Schweickart, William M., and F. G. Julyan, Euclid, Ohio, assignors to Pochontas Fuel Company Incorporated, New York, N. Y. Conveying apparatus. 2,309,418; Jan. 26.
- Schweidler, Hubert, Berlin-Pankow, Germany; vested in the Alien Property Custodian. Cutting and shaping tool. 2,328,747; Sept. 7.
- Schweiger, Raymond M. (See McDaniel, Walter O., assignor.)
- Schweiker, William A., Des Moines, Iowa. Cigarette package. 2,330,150; Sept. 21.
- Schweisthal, Frederick G., assignor to Stewart-Warner Corporation, Chicago, Ill. Indicator. 2,327,221; Aug. 17.
- Schweiter, Walter, Horgen, Switzerland. Cross wound coil winding machine. 2,336,963; Dec. 14.
- Schweitzer & Conrad, Inc. (See Lindell, Sigurd I., assignor.)
- Schweitzer & Conrad, Inc. (See Lindell, Sigurd and Van Ryan.)
- Schweitzer & Conrad, Inc. (See McMahon, George F., assignor.)
- Schweitzer & Conrad, Inc. (See Ramsey, Allan, assignor.)
- Schweitzer & Conrad, Inc. (See Triplett, Hugh A., assignor.)
- Schweitzer & Conrad, Inc. (See Triplett, H. A., and Lindell, assignors.)
- Schweitzer & Conrad, Inc. (See Van Ryan, Anthony, assignor.)
- Schweitzer, Milton A. (See Bombard, Charles P., assignor.)

- Schweitzer, Otto. (See Jaenicke, J., Knoop, Miedel, and Schweitzer.)
- Schweitzer, Samuel, Shaker Heights, Ohio. Advertising novelty. 2,325,710; Aug. 3.
- Schweizer, Alfred. (See Hurst, M., and Schweizer.)
- Schwager, Carl, et al. (See Olson, Gunnar, assignor.)
- Schwager, Hans, et al. (See Olson, Gunnar, assignor.)
- Schweller, Edmund F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,319,522; May 18.
- Schweller, Edmund F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,321,865; June 15.
- Schweller, Edmund F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,327,672; Aug. 24.
- Schweller, Edmund F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,332,016; Oct. 19.
- Schweller, Sylvester M. (See Gerard, F. W., Bataczak, and Schweller.)
- Schwendt, Bernard J., Fort Thomas, Ky. Sectionalized garage house. 2,324,326; July 23.
- Schwenk, Erwin. (See Schoeller, W., Hildebrandt, and Schwenk.)
- Schwenk, Erwin, Montclair, assignor to Schering Corporation, Bloomfield, N. J. Hydrogenation products of α -estrone and preparing same. 2,327,376; Aug. 24.
- Schwenk, Erwin and G. A. Folscher, Montclair, assignors to Schering Corporation, Bloomfield, N. J. Isolating chloronic substances. 2,327,375; Aug. 24.
- Schwenkmeyer, Le Roy J. (See Ashenberg, S. G., and Schwenkmeyer.)
- Schwenn, Kurt R., Bloomfield, assignor to Bendix Aviation Corporation, Bendix, N. J. Aneroid barometer. 2,325,282; July 27.
- Schwier, William. Milwaukee, Wis. Carburetor. 2,313,366; Mar. 9.
- Schwindler, Erwin I., Kansas City, Mo. Instructing by histophones. 2,328,169; Aug. 31.
- Schwinn, Frank W., Chicago, Ill. Welding flash trimmer. 2,309,218; Jan. 26.
- Schwogler, Edward J., Wyandotte, Mich. assignor to Staegle Chemicals Inc. Condensation of amines with alkylene oxides. 2,337,004; Dec. 14.
- Science Laboratories, Inc. (See Spertl, George, assignor.)
- Science Laboratories, Inc. (See Stirnkorb, John R., assignor.)
- Scinta, Anthony C. (See Horton, E. C., and Scinta.)
- Scinta, Anthony C., assignor to Trico Products Corporation, Buffalo, N. Y. Windshield wiper. 2,310,751; Feb. 9.
- Scintilla Ltd. (See Cello, Orlando, assignor.)
- Scintla-Booth, George L. (See Thys, E., and Scintla-Booth.)
- Scobell, Richard H. (See Philbin, W. L., and Scobell.)
- Scodell, Philip F. (See Heintz, R. M., and Scodell.)
- Scodfield, Theodore J., assignor to The Sparks-Wilmington company, Jackson, Mich. Warning signaling system. 2,323,172; Aug. 31.
- Seegain, Elmer K., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermal stoker timer. 2,331,737; Oct. 12.
- Seophony Corporation of America. (See Dodgington, Sven H. M., assignor.)
- Seophony Corporation of America. (See Okolicsanyi, I., assignor.)
- Seophony Corporation of America. (See Okolicsanyi, F., and Gale, assignors.)
- Seophony Corporation of America. (See Rosenthal, Adolph H., assignor.)
- Scotson, Charles, et al. (See Baggott, Edmund W., assignor.)
- Scott, Albert B. (See Stillman, W. B., Scott, and Clampt.)
- Scott, Angus G., Mount Lebanon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Conductor support. 2,329,138; Sept. 7.
- Scott, Ashton T., Bryn Mawr, assignor to The Sharples Corporation, Philadelphia, Pa. Manufacture of soap. 2,336,893; Dec. 14.
- Scott Aviation Corporation. (See Benzel, Howard A., assignor.)
- Scott, Augustus B., Long Beach, Calif. Sand bailer and perforator cleaner. 2,308,633; Jan. 19.
- Scott, Carl F., Milford, Conn., assignor to General Electric Company. Refrigeration apparatus. 2,317,816; Apr. 27.
- Scott, Carlyle H., Forest Hills, and P. H. Scott, Flushing, assignors to The Safety Tank Truck Corporation, New York, N. Y. Closure for truck tanks and the like. 2,330,247; Sept. 28.
- Scott, Charles H., Westport, Conn., assignor to The Dorr Company, Inc., New York, N. Y. Valve. 2,318,638; May 11.
- Scott, Charles H., Westport, Conn., assignor to The Dorr Company, New York, N. Y. Apparatus for the treatment of slurries or liquid solids mixtures. 2,322,719; June 22.
- Scott, Charles H., and H. A. Lynch, Westport, Conn., assignors to The Dorr Company, New York, N. Y. Apparatus for the treatment of liquid solids mixtures. 2,322,720; June 22.
- Scott, Charles H., Westport, Conn., assignor to The Dorr Company, New York, N. Y. Rake driving mechanism for sedimentation tanks. 2,329,559; Sept. 14.
- Scott, Charles H., Westport, Conn., assignor to The Dorr Company, New York, N. Y. Bar screen cleaning mechanism. 2,335,573; Nov. 30.
- Scott, Charles W., Butte, Mont. Tying device. 2,334,728; Nov. 23.
- Scott, Clifford A., assignor to Sun-Ray Heater Company, North Miami Beach, Fla. Solar heater. 2,311,579; Feb. 16.
- Scott, Clifford A., assignor to Sun-Ray Heater Company, North Miami Beach, Fla. Solar heater. 2,316,191; Apr. 13.
- Scott, David C., Providence, R. I., assignor to Henry L. Scott Company. Constant rate of load testing apparatus. 2,322,100; June 15.
- Scott, David C., Providence, R. I., assignor to Henry L. Scott Company. Holding means for test specimen. 2,327,139; Aug. 17.
- Scott, David C., Providence, R. I., assignor to Henry L. Scott Company. Recording means for testing machines. 2,329,679; Sept. 14.
- Scott, David C., Providence, R. I., assignor to Henry L. Scott Company. Transmission of motion to cylindrical drums. 2,335,455; Nov. 30.
- Scott, E. H. (See Hobbs, Marvin, assignor.)
- Scott, E. H. (See Roehel, George, Jr., assignor.)
- Scott, Edward C., Chicago, assignor to Ace Carton Corporation, Cicero, Ill. Carton construction. 2,327,156; Aug. 17.
- Scott, Floyd L., Jr. (See Brown, C. C., Dodson, and Scott.)
- Scott, Floyd L., L. E. Garfield, and H. L. Cockrum, assignors to Hughes Tool Company, Houston, Tex. Cutter teeth for well drills. 2,333,746; Nov. 9.
- Scott, Frederick S. (See Garofalo, R. J., and Scott.)
- Scott, George M., et al. (See Hawkins, Hoke M.)
- Scott, George R., Detroit, Mich. Thread polishing apparatus. 2,337,776; Dec. 28.
- Scott, Gerald D., assignor to The Heald Machine Company, Worcester, Mass. Air cooled spindle mounting for machine tools and the like. 2,323,850; July 6.
- Scott, Gilbert W., Jacksonville, Ill. Lathe. 2,314,055; Mar. 16.
- Scott, Harry A., Van Wert, Ohio, assignor to Continental Can Company, Inc., New York, N. Y. Cans. 2,334,041; Nov. 9.
- Scott, Henry L., Company. (See Scott, David C., assignor.)
- Scott-Iversen, P. A., and A. Huyton, assignors to Joseph Lucas Limited, Birmingham, England. Wind screen wiper for motor vehicles. 2,308,212; Jan. 12.
- Scott-Iversen, Paul A., assignor to The Rover Company Limited, Chesford Grange, near Kenilworth, England. Hydraulic brake pump. 2,311,780; Feb. 25.
- Scott, J. W., Drilling Company. (See Myers, John C., assignor.)
- Scott, James W. (See Rinck, F. B., and Scott.)
- Scott, James G., Washington, D. C. Refrigerating system and apparatus. 2,318,532; May 4.
- Scott, John W., assignor to Eastman Kodak Company, Rochester, N. Y. Red window cover and film indicator for cameras. 2,333,825; Nov. 9.
- Scott, Joseph E., Pratt, Kans. Electric lighting means and control therefor. 2,324,600; July 20.
- Scott, Kenneth D., Cleveland Heights, Ohio, and R. W. Townsend, Washington, D. C., assignors to General Electric Company. Headlamp almer. 2,337,502; Dec. 21.
- Scott, Lawrence B., Houston, Tex. Means for repairing fractured castings. 2,321,629; June 15.
- Scott, Lloyd H., Garden City, N. Y. Terminal for electrical conductors. 2,313,774; Mar. 16.
- Scott, Lloyd H., Garden City, N. Y. Terminal for electrical conductors. 2,313,775; Mar. 16.
- Scott, Lyle J., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic toll ticketing system. 2,327,466; Aug. 24.
- Scott, Merle G., assignor to Franks Manufacturing Corporation, Tulsa, Okla. Tubing board. 2,328,925; Sept. 7.
- Scott-Paine, Hubert, Greenwich, Conn. Engine controlling means. 2,330,388; Sept. 28.
- Scott-Paine, Hubert, and D. R. Thomas, Hythe, England; said Thomas assignor to said Scott-Paine. Steering gear for vehicles. 2,314,165; Mar. 16.
- Scott-Paine, Hubert, and R. W. Jaggard, Hythe, England; said Jaggard assignor to said Scott-Paine. Air-cooled gun. 2,337,840; Dec. 28.
- Scott Paper Company. (See Britt, Kenneth W., assignor.)
- Scott Paper Company. (See Corbin, W. S., and Hartman, assignors.)
- Scott Paper Company. (See Parsons, Philip D., assignor.)
- Scott, Paul E., Chicago, Ill. Self-centering device for sewer pipes. 2,310,122; Feb. 2.
- Scott, Paul H. (See Scott, C. H., and P. H.)
- Scott, Ray W., Detroit, Mich. Popcorn machine. 2,316,989; Apr. 20.

- Scott, Robert F., St. Albans, and A. C. Plewes, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation, Vacuum distillation process and apparatus. 2,313,175; Mar. 9.
- Scott, Rumsey W., Fairfield, Conn. Freight transfer mechanism. 2,327,135; Aug. 17.
- Scott, Thomas R., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric power cable. 2,316,293; Apr. 13.
- Scott, Thomas R., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electric power cable. 2,317,488; Apr. 27.
- Scott, Thomas R., and J. K. Webb, London, England, assignors to International Standard Electric Corporation. Electric power cable. 2,309,992; Feb. 2.
- Scott, Thomas R., and J. K. Webb, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Joint for electric power cables. 2,336,040; Dec. 7.
- Scott, Walter, Philadelphia, Pa. Fiber-rubber compositions. 2,330,084; Sept. 21.
- Scott, Walter A., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Milking machine test cup. 2,323,851; July 6.
- Scott, Walton B. (See Beanblossom, J. E., and Scott.)
- Scott, William M., Jr., Bryn Mawr, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Stationary contact structure. 2,311,701; Feb. 23.
- Scott, William M., Jr., Bryn Mawr, assignor to I. T. E. Circuit Breaker Company, Philadelphia, Pa. Enclosed circuit breaker operating mechanism. 2,324,543; July 20.
- Scott & Williams, Inc. (See Cooper, Paul F., assignor.)
- Scott & Williams, Incorporated. (See Moss, Jacob S., assignor.)
- Scott & Williams, Incorporated. (See Shelmire, Stanley H., assignor.)
- Scott, Winfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Heat stabilizer for polymers of vinyl chloride. 2,319,953; May 25.
- Scott, Winfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Heat stabilizer for vinyl compounds. 2,319,954; May 25.
- Scott, Winfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,334,042; Nov. 9.
- Scott, Winfield, Akron, and R. B. Seymour, Dayton, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Copolymer of vinyl chloride, vinyl acetate and vinylidene chloride. 2,328,748; Sept. 7.
- Scouten, Joss E., Medford, assignor to T. P. Morrison, Blackwell, Okla. Retort charging machine. 2,321,526; June 8.
- Scovill Manufacturing Company. (See Beebe, Murray C., assignor.)
- Scovill Manufacturing Company. (See Collins, E. T., and Miller, assignors.)
- Scovill Manufacturing Company. (See Evans, Arthur C., assignor.)
- Scovill Manufacturing Company. (See Holihan, Irving T., assignor.)
- Scovill Manufacturing Company. (See Huelster, Otto J., assignor.)
- Scovill Manufacturing Company. (See Lusher, A. C., and Hoffman, assignors.)
- Scovill Manufacturing Company. (See Lusher, A. C., Tompkins, and Howard, assignors.)
- Scovill Manufacturing Company. (See Lusher, A. C., Tompkins, Reutter, and Howard, assignors.)
- Scovill Manufacturing Company. (See Reutter, Frederick R., assignor.)
- Scovill Manufacturing Company, et al. (See Scheicher, H. M., and Iverson, assignors.)
- Scovill Manufacturing Company. (See Seyfried, Arthur W., assignor.)
- Scovill Manufacturing Company. (See Spender, Donald L., assignor.)
- Scovill Manufacturing Company. (See Wolff, Jerome G., assignor.)
- Scovill Manufacturing Company. (See Wolf, J. G., Huelster, and Fagan, assignors.)
- Scoville, L. P. (See Eastman, D., and Scoville.)
- Scranton, Charles J., La Porte, Ind., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Harvester-thresher. 2,314,901; Mar. 30.
- Scribner, Kenneth R., Ipswich, Mass., assignor toylvania Electric Products, Inc. Fluorescent lamp fixture. 2,338,077; Dec. 28.
- Scriptoscope Company, The. (See Katz, David, assignor.)
- Scrutchfield, Albert P., San Diego, Calif. Spray attachment for hose. 2,332,350; Oct. 19.
- Scriven, Alonson A., Eggertsville, and M. B. Robbins, Kenmore, N. Y., assignors to Sears, Roebuck and Co., Chicago, Ill. Radio cabinet. 2,307,807; Jan. 12.
- Scrivener, Arthur, Birmingham, England. Tool slide adjusting means. 2,333,341; Nov. 2.
- Scrutchfield, Paul H., Chester, Va., assignor to Hercules Powder Company, Wilmington, Del. Synthetic resin and producing the same. 2,311,781; Feb. 23.
- Scrutchfield, Paul H., assignor to Hercules Powder Company, Wilmington, Del. Separating cineoles from hydrocarbons. 2,315,986; Apr. 6.
- Scrutchfield, Paul H., Chester, Va., assignor to Hercules Powder Company, Wilmington, Del. Synthetic resin and producing the same. 2,331,805; Oct. 12.
- Scudder, Isaiah C., Bloomfield, N. J. Spanish moss puller. 2,322,164; June 15.
- Scudder, Nathan F. (See Ebel, W. K., Houstle, Scudder, and O'Neal.)
- Scull, William C., Darling, Pa. Incendiary bomb trap. 2,317,489; Apr. 27.
- Scull, William S., Company. (See Fisher, George A., assignor.)
- Scullen, Hugh J., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,329,139; Sept. 7.
- Scullen, Hugh J., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,329,140; Sept. 7.
- Scullen, Hugh J., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,329,141; Sept. 7.
- Scullen, Hugh J., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,336,644; Dec. 14.
- Scully Seal Co. (See Spenner, Fred H., assignor.)
- Scully, Charles T. (See Beatt, W. A., and Scully.)
- Scully, Frank P., Cambridge, and A. E. Mathey, Boston, assignors to Scully Signal Company, East Cambridge, Mass. Liquid level indicator. 2,323,156; June 29.
- Scully, Frank P., Cambridge, and A. E. Mathey, Auburn, Mass. Liquid level indicating means. 2,328,686; Sept. 7.
- Scully Signal Company. (See Mathey, Alcide E., assignor.)
- Scully Signal Company. (See Scully, F. P., and Mathey, assignors.)
- Scully, Sylvester A. (See Reynolds, W. B., and Scully.)
- Seaca, Lino, Phoenix, N. Y. Toilet paper roll winding apparatus. 2,334,793; Nov. 23.
- Seabert, John, Indianapolis, Ind., assignor to Radio Corporation of America. Acoustic device. 2,329,560; Sept. 14.
- Seacrist, Charles E. (See Bell, J. T., and Seacrist.)
- Seagren, George W. (See Schneider, W. K., and Seagren.)
- Seagren, George W. (See Stoner, F. R., Jr., and Seagren.)
- Seaholm, John P., Moline, Ill., assignor to Minneapolis Moline Power Implement Company, Minneapolis, Minn. Disk harrow. Re. 2,327; May 25.
- Seaholm, John P., Moline, Ill., assignor to Minneapolis Moline Power Implement Company, Minneapolis, Minn. Disk harrow. 2,320,016; May 25.
- Seaholm, John P., Moline, Ill., assignor to Minneapolis Moline Power Implement Company, Minneapolis, Minn. Bearing and spacing device for disk harrows. 2,331,738; Oct. 12.
- Seaholm, John P., Moline, Ill., assignor to Minneapolis Moline Power Implement Company, Minneapolis, Minn. Sweep. 2,337,777; Dec. 28.
- Séailles, Jean C., Paris, France; vested in the Alien Property Custodian. Manufacturing sulphurous anhydride, alumina, and cements using sulphates of calcium. 2,330,631; Sept. 28.
- Seal, Edward H., Corvallis, Oreg. Scoop attachment for tractors. 2,330,847; Oct. 5.
- Sealdsweet Sales Association. (See Weightman, W. A., and Hurlman, assignors.)
- Seal-Pack Corporation. (See Phillips, Irvine L., assignor.)
- Seal-O-Strain Corporation. (See Arvintz, Abraham A., assignor.)
- Sealtest, Inc. (See Palmer, Frank D., assignor.)
- Seaman, David J., Battle Creek, Mich. Lateral door adjustment structure. 2,323,625; July 6.
- Seaman, David J., Battle Creek, Mich. Hydraulic door check. 2,325,711; Aug. 3.
- Seaman, Charles, Jamaica Estates, N. Y. Attachment for making puffed, shirred materials. 2,328,927; Sept. 7.
- Seaman, Charles, Jamaica Estates, N. Y. Apparatus for making French seams. 2,334,129; Nov. 9.
- Seaman, Ellsworth F., Washington, D. C., and J. B. Lunsford, East Falls Church, Va. Bowling alley. 2,316,990; Apr. 20.
- Seaman, Ellsworth F., Washington, D. C., and J. B. Lunsford, East Falls Church, Va. Bowling alley. 2,316,991; Apr. 20.
- Seaman, Joseph W. (See Smith, R. W., and Seaman.)
- Seaman, Joseph W., Thornton, Del. assignor to General Electric Company. Electric switch. 2,329,003; Sept. 7.
- Seaman, Otto J. L., Encino, Calif. Producing composite photographs. 2,314,663; Mar. 23.
- Seaman, William L., Pittston, Pa. Track sander. 2,307,306; Jan. 5.
- Seamless Rubber Company, The. (See Crowley, Cornelius J., assignor.)
- Seamless Rubber Company, The. (See Madsen, Paul S., assignor.)
- Seamless Rubber Company, The. (See Madsen, P. S., and Arnold, assignors.)
- Seapride Packing Corporation, Ltd. (See Hutton, William, assignor.)
- Searle, G. D., & Co. (See Burner, Robert R., assignor.)
- Searle, G. D., & Co. (See Cusic, J. W., and Burner, assignors.)

- Searle, Norman E. (See Bousquet, E. W., Kirby, and Searle.)
- Sears, Clifford T. (See Taylor, M. L., and Sears.)
- Sears, Gilbert E. (See Blake, J. Y., and Sears.)
- Sears, Gilbert E., (See Blake, J. Y., Sears, and Roy.)
- Sears, Richard W., II, Evanston, Ill. Record. 2,316,815; Apr. 20.
- Sears, Roebuck and Co. (See Crimmins, William C., assignor.)
- Sears, Roebuck and Co. (See Dempsey, Lawrence E., assignor.)
- Sears, Roebuck and Co. (See Dempsey, L. E., and Blu, assignors.)
- Sears, Roebuck & Co., et al. (See Dempsey, L. E., and Skerl, assignors.)
- Sears, Roebuck and Co. (See Halloran, William D., assignor.)
- Sears, Roebuck and Co. (See Horsrud, Ole, assignor.)
- Sears, Roebuck and Co. (See Laird, William G., assignor.)
- Sears, Roebuck & Co. (See Lithgow, J., and Jackson, assignors.)
- Sears, Roebuck and Co. (See Magill, Warren C., assignor.)
- Sears, Roebuck and Co. (See McCarthy, Lawrence J., assignor.)
- Sears, Roebuck and Co. (See Mitchell, Walter G., assignor.)
- Sears, Roebuck and Co. (See Mitchell, W. G., and Hultgren, assignors.)
- Sears, Roebuck and Co. (See Powell, Elkan H., assignor.)
- Sears, Roebuck and Company. (See Radtke, A. C., and Fernandez, assignors.)
- Sears, Roebuck and Co. (See Sampsel, Arthur V., assignor.)
- Sears, Roebuck and Co. (See Schmitt, B. A., and Norin, assignors.)
- Sears, Roebuck and Co. (See Scriven, A. A., and Robbins, assignors.)
- Sears, Roebuck and Co. (See Zink, W. L., Hauswirth, and Gaiswhite, assignors.)
- Sears, Roebuck and Co. (See Zink, W. L., and McKibben, assignors.)
- Sease, Virgil B., New Brunswick, and D. R. White, South River, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Containing individual color-compound records from multilayer differentially color-sensitized film elements. 2,316,204; Apr. 13.
- Sease, Virgil B., New Brunswick, and J. R. Weber, South River, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Process of color photography. 2,319,569; May 18.
- Sease, Virgil B., New Brunswick, and O. W. Murray, South River, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic element and process. 2,328,034; Aug. 31.
- Sease, Virgil B., New Brunswick, and G. A. Dawson, Stelton, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic processes and compositions. 2,335,972; Dec. 7.
- Seastone, John B., Wilkinsburg, and W. E. Mahin, Oakmont, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mold and mold composition. 2,322,687; June 22.
- Seat, Jay L., Portland, Conn. Safety airplane. 2,327,744; Aug. 24.
- Seaton, John H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Stress-relieving plastics. 2,317,409; Apr. 27.
- Seawright, Clyde V., assignor of one-fourth to L. Smith, and one-fourth to R. B. Hicks, Coolidge, Ga. Valve for fluid compressors. 2,307,336; Jan. 5.
- Seawright, Robert B., Cattaraugus, N. Y. Lathe dog. 2,329,483; Sept. 14.
- Sebald, Joseph F. (See Sebald, Joseph H., and Joseph F.)
- Sebald, Joseph F., Arlington, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Feed-water heater. 2,308,720; Jan. 19.
- Sebald, Joseph F., Arlington, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Feed-water heater. 2,308,721; Jan. 19.
- Sebald, Joseph F., Bloomfield, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Chemical injection nozzle for water treating apparatus. 2,335,161; Nov. 23.
- Sebald, Joseph H. and J. F., Arlington, assignors to Worthington Pump and Machinery Corporation, Harrison, N. J. Feed water heater. 2,308,719; Jan. 19.
- Sebell, Harry, Marblehead, assignor of one-half to A. H. Parker, Lexington, Mass. Container. 2,321,946; June 15.
- Sebell, Harry, Newton, assignor of one-half to A. H. Parker, Lexington, Mass. Container. 2,325,922; Aug. 3.
- Sebell, Harry, Marblehead, assignor of one-half to A. H. Parker, Lexington, Mass. Container. 2,337,628; Dec. 28.
- Seborg, Raymond M. (See Stamm, A. J., and Seborg.)
- Secord, Roy A. (See Reichert, J. S., McNeight, and Secord.)
- Secrest, William J., Cuyahoga Falls, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Control system. 2,324,987; July 20.
- Secretary of Agriculture of the United States of America, Claude R. Wickard, and his successors in office. (See Balls, A. K., and Hale, assignor.)
- Secretary of Agriculture of the United States of America. (See Brother, G. H., and McKinney, assignors.)
- Secretary of Agriculture of the United States of America, Claude R. Wickard, and to his successors in office. (See Coleman, W., and Haller, assignors.)
- Secretary of Agriculture of the United States of America, Claude R. Wickard, and to his successors in office. (See Hendrickson, Bertram H., assignor.)
- Secretary of Agriculture of the United States of America, H. A. Wallace, and his successors in office. (See Reed, Donald L., assignor.)
- Secretary of Agriculture of the United States of America, Claude R. Wickard, and to his successors in office. (See Reed, Jesse O., assignor.)
- Secretary of Agriculture of the United States of America, Henry A. Wallace, and to his successors in office. (See Stubbs, J. J., Lockwood, Roe, and Ward, assignors.)
- Secretary of Agriculture of the United States of America, Claude R. Wickard, and to his successors in office. (See Sullivan, W. N., and Goodhue, assignors.)
- Secretary of Agriculture of the United States of America, Claude R. Wickard, and to his successors in office. (See Yee, J. Y., and Davis.)
- Secretary of the Interior, and his successor or designee, to the Government of the United States, as represented by the Sedition School, Francis K., assignor, and Security Bag Company, The. (See Nichols, Harold W., Jr., assignor.)
- Sedalana Sociedad Anónima. (See Balsach, Juan, assignor.)
- Sedgewick, Harry A., Shorewood, assignor to Cutler Hammer, Inc., Milwaukee, Wis. Metal housing for electrical control devices. 2,332,617; Oct. 19.
- Sedgewick, William, Des Moines, Iowa. Bottle carrier. 2,320,656; Sept. 14.
- Sedlon, Vincent J. (See Dekome, A. E. and H. C., and Sedlon.)
- Sedore, James, and A. A. Smith, Grande Prairie, Alberta, Canada. Propelling attachment. 2,309,973; Feb. 2.
- See, Melvin J., and J. C. Baile, assignors to Standard Oil Company, Chicago, Ill. Catalytic conversion of petroleum hydrocarbons. 2,328,103; Aug. 31.
- Seeber, Peter, Champaign, Ill. Seed treating machine. 2,337,200; Dec. 21.
- Seeberger, Fred B., Yeadon, Pa. Shears. 2,326,178 Aug. 10.
- Seeburg, N. Marshall. (See Wallin, Fred E. A., assignor.)
- Seeburg, J. P., Corporation. (See Johnson, C. G., and Seeburg, assignors.)
- Seeger, Ferdinand W., Lebanon, Oreg. Machine for cutting gear teeth. 2,324,242; July 13.
- Seeger, Edwin W. (See Kuhn, C. W., and Seeger.)
- Seeger, Edwin W. (See Lightfoot, E. N., and Seeger.)
- Seeger, Edwin W. (See Robbins, C. F., and Seeger.)
- Seeger, Edwin W., Wauwatosa, Wis., and C. Stansbury, Chesham, England, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for induction motors. 2,309,794; Feb. 2.
- Seeger, Edwin W., and C. Stansbury, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Control system for alternating current motors. 2,312,592; Mar. 2.
- Seeger Refrigerator Company. (See Ellsworth, W. A., and Swanson, assignors.)
- Seeger Refrigerator Company. (See Nobles, Warren H., assignor.)
- Seeger Refrigerator Company. (See Swanson, D. F., and Vouk, assignors.)
- Seeger Refrigerator Company. (See Swedman, Enoch, assignor.)
- Seel, Paul C., assignor to Eastman Kodak Company, Rochester, N. Y. Sheet. 2,307,962; Jan. 12.
- Seelbach, Herman, Jr., Hamburg, N. Y., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air-conditioning system. 2,334,445; Nov. 16.
- Seeley, George A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Article assembling apparatus. 2,308,722; Jan. 19.
- Seeley, George A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Assembling apparatus. 2,336,573; Dec. 14.
- Seeley, Harold T., Lansdowne, Pa., assignor to General Electric Company. Control apparatus. 2,311,474; Feb. 16.
- Seeley, Harold T., Lansdowne, Pa., assignor to General Electric Company. Control equipment for prime mover electric generating plants. 2,311,476; Feb. 16.
- Seeley, Harold T., Lansdowne, Pa., assignor to General Electric Company. Synchronizing indicator. 2,320,198; May 25.
- Seeley, Harold T., Lansdowne, Pa., assignor to General Electric Company. Electroresponsive device. 2,333,449; Nov. 2.
- Seeley, Harry E., assignor to American Sales Book Company, Inc., Niagara Falls, N. Y. Unit feed printing machine. 2,331,351; Oct. 12.
- Seelman, John J., assignor to Seelman Laboratories, Milwaukee, Wis. Filling case. 2,318,890; May 11.

- Seelman Laboratories. (See Seelman, John J., assignor.)
- Seeloff, Melvin M. A. (See Humphrey, S. M., and Seeloff.)
- Seeloff, Melvin M. A., assignor to The Taylor-Winfield Corporation, Warren, Ohio. Spot welder. 2,337,302; Dec. 21.
- Seely, Thomas H., Melrose, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Heel attaching machine. 2,317,410; Apr. 27.
- Seely, Walter V., Lynbrook, N. Y. Table knife. 2,309,219; Jan. 26.
- Seemel, Bruno E., Brooklyn, assignor to Automatic Coin-wrapping Machine Corporation, New York, N. Y. Counting mechanism. 2,323,492; July 6.
- Seemiller, Paul R. (See Schank, H. E., and Seemiller.)
- Seefovic, Felix S., assignor of fifteen percent to F. M. Guirey, Flagstaff, Ariz. Bean harvester. 2,334,729; Nov. 23.
- Seifton Fibre Can Company. (See Graves, Charles B., assignor.)
- Seifton Fibre Can Company. (See Graves, C. B., and Busch, assignors.)
- Seigal, Hyman H., New York, N. Y. Eyeglass case. 2,332,266; Oct. 19.
- Segal, Ralph H., New York, N. Y. Ash tray. 2,335,973; Dec. 7.
- Segal, Samuel, Brooklyn, N. Y. Ring lock. 2,307,808; Jan. 12.
- Segal, Samuel, Brooklyn, N. Y. Lock picking gun. 2,309,677; Feb. 2.
- Segal, Samuel, Brooklyn, N. Y. Toilet paper holder. 2,313,776; Mar. 16.
- Segal, Samuel, Brooklyn, N. Y. Fastener. 2,318,123; May 4.
- Segars, Edward H., Lamar, S. C. Machine for treating plants. 2,311,782; Feb. 23.
- Segebrecht, Ervin W. (See Ralston, A. W., and Segebrecht.)
- Segelke & Kohlhaus Company. (See Guillaume, Anton A., assignor.)
- Seger, Francis M. (See Badertscher, D. E., Berger, and Seger.)
- Seger, Francis M. (See Badertscher, D. E., Crandall, and Seger.)
- Seger, Francis M. (See Berger, H. G., and Seger.)
- Seger, Francis M. (See Nygaard, E. M., McCracken, and Seger.)
- Seger, Francis M. (See Nygaard, E. M., and Seger.)
- Seger, Francis M. (See Story, R. W., and Seger.)
- Seger, Francis M., Pitman, and E. M. Nygaard, Woodbury, N. J., assignors to Soceny-Vacuum Oil Company, Incorporated, New York, N. Y. Diesel fuel. 2,329,489; Sept. 14.
- Segol, Emile A. M. A. (See Canac, L. H. F., and Segol.)
- Seguy, Jean D., Washington, D. C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,310,123; Feb. 2.
- Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Reactivating used catalysts. 2,328,234; Aug. 31.
- Schlemeyer, Norman H., et al. (See Biskind, Morton S., assignor.)
- Selberling Latex Products Company. (See Casey, T. W., and Sidnell, assignors.)
- Selberling Rubber Company. (See Kovacs, Frank, assignor.)
- Selbert, Charles V. (See Menard, L. C., and Selbert.)
- Selbert, Frank J., and L. C. Roller, assignors to Chipman Chemical Company, Inc., Bound Brook, N. J. Paraffin composition and producing the same. 2,313,588; Mar. 9.
- Selbert, Frank J., and L. C. Roller, assignors to Chipman Chemical Company, Inc., Bound Brook, N. J. Paraffin composition and producing the same. 2,313,589; Mar. 9.
- Selbert, Julius J., McKeesport, Pa. Snow and ice removing machine. 2,312,851; Mar. 2.
- Seidel, Adolph, and A. H. Seholz, Toledo, Ohio, assignors to E. W. Bliss Company, Brooklyn, N. Y. Knuckle joint press. 2,320,103; May 25.
- Seidel, Karl. (See Havigton, F. T., and Seidel.)
- Seidel, Stephen G., and R. P. Lowmes, Philadelphia, Pa. Device for opening and emptying cartons. 2,323,852; July 6.
- Selders, Hiester, Reading, Pa. Rotary clipper. 2,312,933; Mar. 2.
- Seldner, Rudolf. (See Klein, H., Seidler, and Stoewener.)
- Selzer, Judah L., New York, N. Y. Garment and making same. 2,309,716; Feb. 2.
- Seiffert, William H. (See Balcar, John A., assignor.)
- Seigh, Joseph W., Teaneck, N. J. Wicket for drying ovens. 2,309,259; Jan. 26.
- Seigle, William, Hinton, Okla. Illuminated fishing lure and lighting unit therefor. 2,329,790; Sept. 21.
- Seignol, Edouard. (See Quebette, A., and Seignol.)
- Seikowitz, Jack, New York, N. Y. Therapeutic device. 2,332,402; Oct. 19.
- Sell, Gilbert E., Cynwyd, Pa. Rotary kiln. 2,314,836; Mar. 23.
- Sell, Gilbert E., Cynwyd, assignor to E. J. Lavino and Company, Philadelphia, Pa. Refractory. 2,311,970; Feb. 23.
- Sell, Gilbert E., Cynwyd, Pa., assignor to E. J. Lavino and Company, Philadelphia, Pa. Brick press liner. 2,324,884; July 20.
- Seller, Ernest L., Stockton, Calif. Rungless ladder. 2,311,352; Feb. 16.
- Seller, Ernest L., Stockton, Calif. Ladder supporting structure. 2,323,425; July 6.
- Seller, Karl. (See Kohn, Claus H., assignor.)
- Seippel, Claude, Ennetbaden, assignor to Aktiengesellschaft, Boveri & Cie. Boveri, N. E., Switzerland. Gas turbine plant. 2,326,072; Aug. 3.
- Seitz, John F., Los Angeles, Calif. Producing motion pictures of changing sizes and shapes. 2,334,962; Nov. 23.
- Seitz, Ludwig, Augsburg, Germany; vested in the Alien Property Custodian. Air filter. 2,335,456; Nov. 30.
- Sejarto, Lester, Richmond Hill, N. Y. Apparatus for growing plants. 2,336,555; Dec. 14.
- Sejersted, Johannes. (See Sem, M. O., and Sejersted.)
- Sekella, Michael, Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Static fuse testing machine. 2,316,134; Apr. 6.
- Selas Company, The. (See Hess, Frederic O., assignor.)
- Selas Company, The. (See Hess, F. O., and Townsend, assignors.)
- Selas Company, The. (See Wakefield, Richard E. B., assignor.)
- Selberg, John P. (See McEwen, J., and Selberg.)
- Selberg, John P., Los Angeles, Calif., assignor to International-Stagey Corporation, Columbus, Ohio. Portable derrick. 2,313,897; Mar. 16.
- Selberg, John P., L. Stamps, and J. McEwen, Los Angeles, Calif., assignors to International-Stagey Corporation, Columbus, Ohio. Portable derrick. 2,336,305; Dec. 7.
- Selby, Eugene O., Collingswood, N. J., assignor to Radio Corporation of America. Radio receiver muting circuit. 2,337,005; Dec. 14.
- Selden, Robert F. (See Waldron, C. D., and Selden.)
- Selden, Stanley J. (See Marchese, Jr., and Selden.)
- Seldomirski, Lonnie A., Long Beach, Calif. Rake. 2,314,635; Mar. 23.
- Seldon, George E. (See Moseley, J. T. W., and Seldon.)
- Selzneff, Leonid L., New York, N. Y. Handbag. 2,331,428; Oct. 12.
- Self, Vester F. (See Honerkamp, F., Self, and Kurth.)
- Self Winding Clock Company, Inc. (See Stone, Lucien B., assignor.)
- Sellman, Roger A. L., Paris, France; vested in the Alien Property Custodian. Means of radiating heat. 2,330,632; Sept. 28.
- Selkowitz, Harry, Brockton, Mass. Package fastener. 2,337,778; Dec. 28.
- Sell, William O., Detroit, Mich. Aiding device for blind persons. 2,327,222; Aug. 17.
- Sellers, G. I., & Sons Company. (See Conwell, William T., assignor.)
- Sellers, John F. (See Montgomery, T. B., Sellers, and Pickslay.)
- Sellers, Orlin N., Chicago, Ill. Immersion boiler. 2,321,109; June 8.
- Sellers, Wm., & Company. (See Miller, William R., assignor.)
- Sellers, William D., Glen Ellyn, Ill., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,337,936; Dec. 28.
- Selwyck, Bernardus, Leonia, N. J., assignor to The M. W. Kellogg Company, Jersey City, N. J. Hydrocarbon conversion. 2,320,199; May 25.
- Selmeyer, Gilbert J., Indianapolis, Ind. Work guide for saw tables. 2,310,813; Feb. 9.
- Selmeyer, Gilbert J., Indianapolis, Ind. Work guide for saw tables. 2,315,458; Mar. 30.
- Selmeyer, Gilbert J., Indianapolis, Ind. Suspension means for reciprocal saws. 2,323,247; June 29.
- Selmeyer, Gilbert J., Indianapolis, Ind. Portable power driven saw. 2,323,248; June 29.
- Selmeyer, Gilbert J., Indianapolis, Ind. Pipe threader. 2,336,964; Dec. 14.
- Sells, Neal S., Hoopston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Vegetable peeling machine. 2,316,568; Apr. 13.
- Selzer, Irving, Brooklyn, N. Y. Side brace for receptacles. 2,322,704; June 22.
- Seluk, Karl, Maspeth, N. Y. Mattress and the like. 2,331,142; Oct. 5.
- Selvae, Harry H., Eureka, Calif. Animated electric bird and character. 2,322,668; June 22.
- Selvig, John N., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,312,448; Mar. 2.
- Selvig, John N., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Mixing apparatus. 2,314,166; Mar. 16.
- Selvig, John N., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for heating material. 2,318,533; May 4.
- Selvig, John N., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,331,240; Oct. 5.
- Selvig, John N., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material distributing apparatus. 2,336,574; Dec. 14.
- Selwyn, Edward W. H. (See Davies, E. R., Selwyn, and Selwyn.)
- Sem, Mathias O., Smestad, and J. Sejersted, Roa, Norway; vested in the Alien Property Custodian. Arrangement in self baking electrodes. 2,337,279; Dec. 21.

- Semar, Harold W. (See Schmidt, H. F., Semar, and Short.)
- Semar, Harold W., Drexel Hill, assignor to Westinghouse Electric Manufacturing Company, East Pittsburgh, Pa. Gear grinding apparatus. 2,316,490; Apr. 13.
- Semerak, William A., Chicago, Ill. Inside micrometer. 2,311,477; Feb. 16.
- Semerak, William A., Chicago, Ill. Outside micrometer. 2,326,571; Aug. 10.
- Semet-Solvay Engineering Corporation. (See Brandon, George E., assignor.)
- Semet-Solvay Engineering Corporation. (See Burdick, Theodore A., assignor.)
- Semet-Solvay Engineering Corporation. (See Davis, George A., assignor.)
- Semet-Solvay Company. (See Imos, Harold E., assignor.)
- Semet-Solvay Engineering Corporation. (See Tweit, Olva M., assignor.)
- Semler, Loren H., and C. Rudolph, Chicago, Ill. Lawn rake. 2,310,322; Feb. 9.
- Semon, Waldo L., Silver Lake, assignor, by mesne assignments, to The B. F. Goodrich Company, Akron, Ohio. Purifying fatty acids. 2,315,664; Apr. 6.
- Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Softener for synthetic rubber. 2,325,985; Aug. 3.
- Semensen, Otto C., Bellerose, N. Y. Holder and needle for hand knitting. 2,318,018; May 4.
- Semple, Robert E., assignor to The Astaire Corporation, Youngstown, Ohio. Sound reproducing stylus. 2,325,343; July 27.
- Senior, Leopold, Baltimore, Md., assignor to The Sharples Corporation, Philadelphia, Pa. Manufacture of soap. 2,335,457; Nov. 30.
- Sender, Leopold, Philadelphia, Pa., and J. H. Wilson, West Roxbury, Mass., assignors to The Sharples Corporation, Philadelphia, Pa. Manufacture of soap. 2,321,947; June 15.
- Sender, Mortimer, New York, N. Y. Paper-cutting machine. 2,336,645; Dec. 14.
- Sendzimir, Tadeusz, assignor to Armzen Company, Middletown, Ohio. Making structural materials. 2,333,343; Nov. 2.
- Seneca Falls Machine Company. (See Smith, E. R., and Fogarty, assignors.)
- Senesac, Adolphe, assignor of one-third to S. A. Wilczynski and one-third to R. A. Engelhart, Chicago Heights, Ill. Changeable sign. 2,323,157; June 29.
- Seng Company, The. (See Fox, Martin, assignor.)
- Sengebusch, Hans. (See Obergfell, H. F., and Sengebusch.)
- Sengebusch, Hans, Villa Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Relay. 2,312,493; Mar. 2.
- Senger, Norbert. (See Schneider, W., Kuhlber, and Senger.)
- Senger, Werner I., assignor to Gisholt Machine Company, Madison, Wis. Unbalance correction method and machine. 2,331,733; Oct. 12.
- Sengstaken, Charles W., Scarsdale, N. Y., assignor to John M. Hopwood, Mount Lebanon, Pa. Feed water control system for boiler furnaces. 2,315,665; Apr. 6.
- Sensell, Raymond A., assignor to Maryland Glass Corporation, Baltimore, Md. Core for glass molds. 2,334,653; Nov. 16.
- Senkbell, Raymond A., Baltimore, and C. H. Knickman, Sr., Catonsville, assignors to Maryland Glass Corporation, Baltimore, Md. Conveyor. 2,331,143; Oct. 5.
- Senke, Charles E., Rochester, N. Y. Tank cleaning apparatus. 2,332,940; Oct. 26.
- Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Recovery of nitro compounds from aqueous alcoholic mixtures containing nitromethane. 2,317,557; Apr. 27.
- Senkus, Murray, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Catalytic process for hydration of hydrocarbons. 2,332,491; Oct. 19.
- Sensaud de Lavaud, Dimitri, Paris, France. Propeller having an automatically variable pitch. 2,313,326; Mar. 9.
- Sensel, Eugene E. (See Goldsby, A. R., and Sensel.)
- Sensel, Eugene E. (See Skelton, W. E., Sensel, and Goldsby.)
- Sensel, Eugene E., Beacon, assignor to The Texas Company, New York, N. Y. Catalytic conversion of hydrocarbons. 2,337,419; Dec. 21.
- Sensel, Eugene E., and A. R. Goldsby, Beacon, assignors, by mesne assignments, to The Texas Company, New York, N. Y. Isomerization of hydrocarbons. 2,331,429; Oct. 12.
- Sensenderfer, Levi E., assignor to Armstrong Cork Company, Lancaster, Pa. Feeding device for closure assembling machines. 2,331,050; Oct. 5.
- Sensenich Brothers. (See Sensenich, Martin M., assignor.)
- Sensenich, Martin M., Lititz, assignor to Sensenich Brothers, Lancaster County, near Lititz, Pa. Aircraft propeller. 2,312,219; Feb. 23.
- Sensenig, Miles L., assignor to Dellinger Manufacturing Company, Lancaster, Pa. Trailer hitch and support. 2,328,850; Sept. 7.
- Sentral, Frank, New York, N. Y. Filter and water purifier. 2,335,458; Nov. 30.
- Seplin, Lee T., Los Angeles, Calif. Rim for tire retreading apparatus. 2,322,546; June 22.
- Serfling, George R., Merchantville, N. J., and C. L. Schuck, Philadelphia, Pa., assignors to General Electric Company. Electric fuse. 2,337,937; Dec. 28.
- Serfling, George R., Merchantville, N. J., and C. L. Schuck, Philadelphia, Pa., assignors to General Electric Company. Electric fuse. 2,337,938; Dec. 28.
- Serini, Arthur. (See Scheller, W., Serini, Hildebrandt, Strassberger, Kathol, and Losenmuck.)
- Serini, Arthur, Berlin, and K. Stehruck, Berlin-Tegel, Germany, assignors to Schering Corporation, Bloomfield, N. J. Rearrangement of isodihydrilbistrols to dialkylstilbestrols. 2,311,093; Feb. 16.
- Serinis, Ned S. (See Gulbrandsen, S., Serinis, and Traut.)
- Sernatelli, John P., Minneapolis, Minn. Heat-sealing moistureproofing coating. 2,337,939; Dec. 28.
- Serulio, George E. (See Holtzman, J. B., and Sernulio.)
- Serov, Leopold S., Woodside, Long Island, N. Y. Impact detonator. 2,324,243; July 13.
- Serr, William F., assignor to E. Puschell, New York, N. Y. Face shield. 2,328,687; Sept. 7.
- Serre, Maurice, New York, N. Y., assignor to Anemostat Corporation of America. Air flow control device. 2,332,141; Oct. 19.
- Serre, Maurice, and J. B. Hewett, assignors to Anemostat Corporation of America, New York, N. Y. Air outlet device. 2,337,280; Dec. 21.
- Serrell, Florence A., executrix. (See Serrell, John J.)
- Serrell, John J., late of Elizabeth, N. J., by F. A. Serrell, Holmdel, N. J., executrix, assignor to Polaroid Corporation, Dover, Del. Polarizing goggles. 2,334,446; Nov. 10.
- Serrurier, Iwan, Los Angeles, Calif. Film winding mechanism. 2,325,885; Aug. 3.
- Sertin, Jean V., Le Paris, France; vested in the Alien Property Custodian. Our actuating apparatus. 2,320,664; June 1.
- Servel, Inc. (See Anderson, Philip P., Jr., assignor.)
- Servel, Inc. (See Anderson, P. P., Jr., and Major, assignors.)
- Servel, Inc. (See Andersson, Sven W. E., assignor.)
- Servel, Inc. (See Ashby, Carl T., assignor.)
- Servel, Inc. (See Backstrom, S. M., and Strandberg, assignors.)
- Servel, Inc. (See Blomqvist, Gustav M., assignor.)
- Servel, Inc. (See Brown, Philip A., assignor.)
- Servel, Inc. (See Cropper, Walter, assignor.)
- Servel, Inc. (See Fenander, Edmund A., assignor.)
- Servel, Inc. (See Flocks, Karl W., assignor.)
- Servel, Inc. (See Heath, Dudley E., assignor.)
- Servel, Inc. (See Hedlund, William T., assignor.)
- Servel, Inc. (See Lyngar, Erik S., assignor.)
- Servel, Inc. (See McNeely, Lowell, assignor.)
- Servel, Inc. (See Nave, Alfred E., assignor.)
- Servel, Inc. (See Nave, A. E., and Kouenzli, assignors.)
- Servel, Inc. (See O'Brien, William L., assignor.)
- Servel, Inc. (See Plogger, Clyde E., assignor.)
- Servel, Inc. (See Ruthenberg, Louis, assignor.)
- Servel, Inc. (See Schulstrom, Tage, assignor.)
- Servel, Inc. (See Shagaloff, Harry C., assignor.)
- Servel, Inc. (See Shipman, Bennet C., assignor.)
- Servel, Inc. (See Taylor, John A., assignor.)
- Servel, Inc. (See Taylor, Robert S., assignor.)
- Servel, Inc. (See Thomas, Albert R., assignor.)
- Sessions Clock Company, The. (See Fritz, Kenneth R., assignor.)
- Sette, Frederick E., Scott Bar, Calif. Handle structure. 2,314,322; Mar. 23.
- Setter Bros. Inc. (See Decker, Sol, assignor.)
- Setter Bros. Inc. (See Perkins, Hiram A., assignor.)
- Setterlund, Einar, Clifton; N. J. Razor-blade sharpening equipment. 2,322,321; June 22.
- Setterlund, Sidney N., Elmhurst, Ill. Food mixer. 2,312,125; Feb. 23.
- Setz, Julius W., Omaha, Nebr. Shock absorbing mechanism. 2,325,430; July 27.
- Setzler, Henry, Chicago, Ill. Sitz bath. 2,328,235; Aug. 31.
- Seubert, Herman, Franklin Park, assignor to The Petersen Oven Company, Chicago, Ill. Conveyor. 2,324,511; Nov. 16.
- Saulke, Karl J., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Packing fruit products. 2,331,904; Oct. 12.
- Sever, Dean R., New Philadelphia, and D. J. Renkert, near Canton, said Renkert, assignor to The Metropolitan Paving Brick Company, Canton, Ohio. Vitri-fied traffic marker. 2,313,673; Mar. 9.
- Severance, Louise, Point Pleasant, N. J. Hospital garment. 2,319,089; May 11.
- Severance, Louise, New York, N. Y. Hospital garment. 2,331,051; Oct. 5.
- Severinghaus, Nelson, Lithonia, assignor to Consolidated Quarries Corp., Decatur, Ga. Safety device for elevating equipment. 2,320,016; May 25.
- Severson, Wesley S., et al. (See Ross, Charles, assignor.)
- Severson, Harry D., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Bottom rail sealing strip. 2,329,791; Sept. 21.
- Sewall, Marshall C. (See Jayne, J. K., and Sewall.)

- Sewall Paint & Varnish Company. (See Weissert, Gerald E., assignor.)
- Sewell, Benjamin W., Tulsa, Okla., assignor to Standard Oil Development Company. Method and means for taking cores. 2,316,024; Apr. 6.
- Sewell, Benjamin W., Tulsa, Okla., assignor to Standard Oil Development Company. Magnetic permeability indicator. 2,318,720; May 11.
- Sewell, Benjamin W., Tulsa, Okla., assignor to Standard Oil Development Company. Coring device. 2,322,064; June 15.
- Sewell, Benjamin W., Tulsa, Okla., assignor to Standard Oil Development Company. Borehole tool. 2,324,956; July 20.
- Sewell, Benjamin W., Tulsa, Okla., assignor to Standard Oil Development Company. Retractable drill bit. 2,330,083; Sept. 21.
- Sewell, Benjamin W., Tulsa, Okla., assignor to Standard Oil Development Company. Cutting collector. 2,332,267; Oct. 19.
- Sewell, Arthur R. (See Britton, E. C., Nutting, Huscher, and Sexton.)
- Sexton, Everett P., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Combination speed governor and decelerometer. 2,322,065; June 15.
- Seybert, Theodore, Chicago, Ill. Batter mixer. 2,318,534; May 4.
- Seybolt, Alan U. (See Litton, F. B., and Seybolt.)
- Seybold, Wilhelm, Waldenrood, near Esslingen-on-the-Neckar, Germany; vested in the Allen Property Custodian. Wheel suspension, especially for motor cars. 2,330,633; Sept. 28.
- Seyforth, Harold N., East Detroit, assignor to Ex-Cell-O Corporation, Detroit, Mich. Machine tool. 2,317,226; Apr. 20.
- Seyforth, Harold N., East Detroit, assignor to Ex-Cell-O Corporation, Detroit, Mich. Dressing mechanism. 2,317,411; Apr. 27.
- Seyforth, Harold N., East Detroit, assignor to Ex-Cell-O Corporation, Detroit, Mich. Dressing mechanism. 2,326,073; Aug. 3.
- Seyfried, Arthur W., Racine, Wis., assignor to Scovill Manufacturing Company, Waterbury, Conn. Suction hose. 2,310,554; Feb. 9.
- Seymer, Richard H., Newark, N. J., assignor to American Can Company, New York, N. Y. Container. 2,321,050; June 8.
- Seymour Corporation of Delaware, The. (See Root, John J., assignor.)
- Seymour, Malcolm, Cohasset, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Dust separating system. 2,335,315; Nov. 30.
- Seymour, George W., and G. C. Ward, Cumberland, Md., assignors to Celanese Corporation of America. Discharge printing of textiles. 2,322,322; June 22.
- Seymour, George W., and G. C. Ward, Cumberland, Md., assignors to Celanese Corporation of America. Discharge printing of textiles. 2,322,323; June 22.
- Seymour, George W., and B. B. White, Cumberland, Md., assignors to Celanese Corporation of America. Production of cellulose esters. 2,329,730; Sept. 21.
- Seymour, George W., and G. C. Ward, Cumberland, Md., assignors to Celanese Corporation of America. Discharge printing. 2,333,204; Nov. 2.
- Seymour, Merrill W. (See Young, R. V., and Seymour.)
- Seymour, Raymond R. (See Scott, W., and Seymour.)
- Shackleton, Harry, Wolverhampton, and A. D. Fochin, Hammerwich, near Walsall, England. Door closer. 2,328,851; Sept. 7.
- Shackleton, James H., Newark, N. J. Smoker's pipe mouthpiece device. 2,333,957; Nov. 9.
- Shacklette, Albert, Jeffersonstown, Ky. Shock absorber for use on walking beams of drill rigs. 2,312,126; Feb. 23.
- Shadden, Flossie P., et al. (See Davies, Arthur E., assignor.)
- Shadduck, Hugh A., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Refining molten glass. 2,331,052; Oct. 5.
- Shader, D. W. (See Knight, Morrell A., assignor.)
- Shaefer, Reinhold A., Rocky Hill, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for making slip castings. 2,331,000; Oct. 5.
- Shafer, George E., assignor to The American Rolling Mill Company, Middletown, Ohio. Wooden culvert construction. 2,334,846; Nov. 23.
- Shafer, Homer J., assignor to The Ohio Brass Company, Mansfield, Ohio. Piston valve. 2,326,398; Aug. 10.
- Shafer, Homer J., assignor to The Ohio Brass Company, Mansfield, Ohio. Piston valve. 2,333,205; Nov. 2.
- Shafer, Homer J., assignor to The Ohio Brass Company, Mansfield, Ohio. Control valve. 2,337,841; Dec. 28.
- Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Railway car truck. 2,333,893; Nov. 9.
- Shafer, John F. (See Foster, K., and Shafer.)
- Shafer, Orville B., Owego, assignor to International Business Machines Corporation, New York, N. Y. Verifying machine. 2,315,741; Apr. 6.
- Shafer, William E., San Francisco, Calif. Blowoff valve system. 2,307,963; Jan. 12.
- Shaff, Ernest F., assignor to W. H. Keller, Inc., Grand Haven, Mich. Riveting tool. 2,313,843; Mar. 16.
- Shaffer, Cleve F., San Francisco, Calif. Military tank. 2,317,412; Apr. 27.
- Shaffer, Donald U., Brea, and E. C. Hamm, Norwalk, assignors to Shaffer Tool Works, Brea, Calif. Hydraulic trip tool jar. 2,309,872; Feb. 2.
- Shaffer, Harvey H., Berwick, Pa. Bolster. 2,318,427; May 4.
- Shaffer, Morris F. (See Rake, G. W., Shaffer, and McKee.)
- Shaffer, Paul, Akron, Ohio. Dish. 2,332,173; Oct. 19.
- Shaffer, Paul B., Fort Wayne, Ind., assignor to General Electric Company. Dynamoelectric machine brush rigging. 2,324,327; July 13.
- Shaffer Tool Works. (See Shaffer, D. U., and Hamm, assignors.)
- Shagaloff, Harry C., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerator. 2,323,249; June 29.
- Shaheen, Elias. (See Dager, Albert, assignor.)
- Shahovsky, George S. (See Truebe, C. E., Shahovsky, and Levy.)
- Shakespeare Company. (See Burdick, Frank, assignor.)
- Shakespeare Company. (See Clickner, Earle D., assignor.)
- Shakespeare, Henry G., assignor to Shakespeare Products Company, Kalamazoo, Mich. Detachable clevis. 2,320,546; June 1.
- Shakespeare, Henry G., assignor to Shakespeare Products Company, Kalamazoo, Mich. Producing detachable clevises. 2,331,806; Oct. 12.
- Shakespeare Products Company. (See Gerry, William R., assignor.)
- Shakespeare Products Company. (See Shakespeare, Henry G., assignor.)
- Shalla, Edmund F., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Punch and die mechanism. 2,322,547; June 22.
- Shallock, Edward W., assignor to American Ore Reclamation Company, Chicago, Ill. Feeder means. 2,329,848; Sept. 21.
- Shamrock Oil and Gas Corporation, The. (See Atkinson, Robert G., assignor.)
- Shand, William, Arlington, assignor to Tobacco Retention Corporation, Brookline, Mass. Machine for treating cigarettes. 2,322,747; June 29.
- Shandle, Amos H., Roselle, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Holder for electrically heated tools. 2,326,572; Aug. 10.
- Shank, McConnell, Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Cell cover with electrolyte control. 2,310,656; Feb. 9.
- Shank, Russell W., Elizabethtown, Pa. Flow meter. 2,329,142; Sept. 7.
- Shanman, Jerome D., Cincinnati, Ohio. Laundry drier. 2,315,354; Mar. 30.
- Shann, Oscar A., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collector. 2,332,018; Oct. 19.
- Shann, Oscar A., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Station circuit. 2,332,872; Oct. 26.
- Shannon Carlisle, East Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,321,707; June 15.
- Shannon, Charles D., Florence, Mass. Game apparatus. 2,336,894; Dec. 14.
- Shannon, James W., L. M. Hathaway, Ingleside, Tex., and J. E. McKee, Wilmington, Del. Locking mechanism for doors. 2,323,358; July 6.
- Shannon, John E. (See Shannon, John T. and J. E.)
- Shannon, John T. and J. E., Los Angeles, Calif. Lighting fixture. 2,335,545; Nov. 30.
- Shannon, Leo C., Knox, Ind. Hairpin. 2,318,804; May 11.
- Shannon, Limited, The. (See Posner, Bernard B., assignor.)
- Shannon, Paul B., et al. (See Smith, Merton J., assignor.)
- Shapiro, Carl L., New York, N. Y., assignor, by mesne assignments, to Atlas Powder Company, Wilmington, Del. Coated article and making same. 2,307,861; Jan. 12.
- Shapiro, Harry B., Astoria, Long Island, assignor to Sonotone Corporation, Elmsford, N. Y. Voltage transforming and rectifying vibratory contactor arrangement. 2,308,549; Jan. 19.
- Shapiro, Harry B., Astoria, Long Island, assignor to Sonotone Corporation, Elmsford, N. Y. Amplifying hearing aid. 2,308,550; Jan. 19.
- Shapiro, Harry B., Astoria, Long Island, assignor to Sonotone Corporation, Elmsford, N. Y. Hearing air microphone. 2,327,136; Aug. 17.
- Shapiro, Harry B., Cleveland, Ohio, assignor to Sonotone Corporation, Elmsford, N. Y. Hearing aid microphone. 2,327,137; Aug. 17.
- Shapiro, Harry B., Cleveland, Ohio, assignor to Sonotone Corporation, Elmsford, N. Y. Amplifying hearing aid. 2,327,320; Aug. 17.
- Shapiro, Harry B., Cleveland, Ohio, assignor to Sonotone Corporation, Elmsford, N. Y. Rheostat device. 2,329,949; Sept. 21.

- Shapiro, Harry B., Willoughby, Ohio, assignor to Sonophone Corporation, Elmford, N. Y. Hearing aid amplifier. 2,327,321; Aug. 17.
- Shapiro, Manuel M., Beverly Hills, Calif. Shoe sterilizer. 2,309,546; Jan. 26.
- Shapiro, Samuel B., Mattapan, Mass. Cigarette flavoring means. 2,333,049; Oct. 28.
- Shardlow, Lawrence R., North Arlington, N. J., assignor to Radio Corporation of America. Ceramic insulator. 2,314,107; Mar. 16.
- Sharenow, John. (See Berger, M. M., and Sharenow.)
- Sharon Steel Corporation. (See Wilson, L. L., Lowmiller, and Bibb, assignors.)
- Sharp & Dohme, Incorporated. (See Harrung, W. H., and L. Van, assignors.)
- Sharp & Dohme, Incorporated. (See Moore, Maurice L., assignor.)
- Sharp & Dohme, Incorporated. (See Masucci, Peter, assignor.)
- Sharp & Dohme, Incorporated. (See Suter, Chester M., assignor.)
- Sharp, Edwin L., assignor to Victory Switch Co., Hollywood, Calif. Delay action mechanism for snap switches. 2,321,739; July 20.
- Sharp, James W., Chicago, Ill. Antenna coupling and tuning system for communication or broadcast receivers. 2,310,323; Feb. 9.
- Sharp, Jefferson M. (See Langmyr, G. J., and Sharp.)
- Sharp, Paul F., assignor to General Research Foundation, Inc., Hingham, N. H. Stable crystalline anhydrous alpha lactose product and process. 2,319,562; May 18.
- Sharp, Robert E., Brunswick, and H. Francis, Jr., Philadelphia, Pa., assignors to The Baldwin Locomotive Works. Rotary hydraulic machine. 2,321,950; June 15.
- Sharp, Thomas C., North Hollywood, Calif., assignor to Radio Corporation of America. Film measuring apparatus. 2,328,014; Dec. 28.
- Sharpe, Francis C. (See Allen, G. E., Metz and Sharpe.)
- Sharpe, John S., Haverford, Pa. Mechanical movement. 2,322,294; June 22.
- Sharpe, Troy F., assignor of one-third to J. C. Shoemaker, and one-third to J. R. Britten, Richmond, Ind. Repair last. 2,331,543; Nov. 19.
- Sharples Chemicals Inc. (See Olin, John F., assignor.)
- Sharples Chemicals Inc. (See Olin, J. F., and Deger, assignors.)
- Sharples Chemicals Inc. (See Olin, J. F., and Tetley, assignors.)
- Sharples Chemicals Inc. (See Schwoegler, Edward J., assignor.)
- Sharples Corporation, The. (See Ayres, Arthur U., assignor.)
- Sharples Corporation, The. (See Carruthers, E. H., and Moore, assignors.)
- Sharples Corporation, The. (See Jones, Leo D., assignor.)
- Sharples Corporation, The. (See Scott, Ashton T., assignor.)
- Sharples Corporation, The. (See Sender, Leopold, assignor.)
- Sharples Corporation, The. (See Sender, L., and Wilson, assignors.)
- Sharples Corporation, The. (See Sharples, Laurence P., assignor.)
- Sharples, Laurence P., Ardmore, assignor to The Sharples Corporation, Philadelphia, Pa. Centrifugal separator and process. 2,331,552; Oct. 12.
- Sharps, Gordon V. (See Schopmeyer, H. H., and Sharps.)
- Shartle, Robert A., Rockford, Ill., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,310,124; Feb. 2.
- Shartle, Robert A., Rockford, Ill., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,324,727; July 20.
- Shatkin, Aaron, Matawan, N. J. Joint construction. 2,327,138; Aug. 17.
- Shatto, David L. (See Lindstaedt, F. F., and Shatto.)
- Shattock, Bertili S. (See Stelzer, Bertili.)
- Shattuck, Arthur W., Jr., Dallas, Tex., assignor to Koppers Company, Pittsburgh, Pa. Piston ring expander. 2,327,933; Aug. 24.
- Shaub, Frank G. (See McCarroll, R. H., Shaub, and Laird.)
- Shaub, Frank G., Detroit, R. A. McCloud, Dearborn, and B. E. Tiffany, Detroit, assignors to Ford Motor Company, Dearborn, Mich. Reduction apparatus. 2,330,751; Sept. 28.
- Shaulis, Edward E. (See Figg, L. J., Jr., and Shaulis.)
- Shaulson, Joseph, Providence, R. I. Buckle and tape assembly machine. 2,327,291; Aug. 17.
- Shaver, James E., Cleveland, Ohio. Ventilating and circulating system. 2,313,676; Mar. 9.
- Shaver, Raymond M., Michigan City, Ind., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Rail car. 2,335,459; Nov. 30.
- Shaver, Ward, assignor to Skelly Oil Company, Tulsa, Okla. Labor saving report pad. 2,326,573; Aug. 10.
- Shaver, William W. (See Littleton, J. T., Lillie, and Shaver.)
- Shaw, Arthur R. (See Marvin, J. T., and Shaw.)
- Shaw, Arthur R., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making composite strip stock. 2,309,018; Jan. 19.
- Shaw, Benjamin C., Saco, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Drafting mechanism for roving frames. 2,323,882; July 6.
- Shaw, Benjamin C., Saco, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Drafting mechanism for spinning and roving frames. 2,329,655; Sept. 14.
- Shaw, Benson R., assignor to Washington Institute of Technology, Inc., Washington, D. C. Radiosonde pressure element. 2,315,137; Mar. 30.
- Shaw, Benson R., assignor to Washington Institute of Technology, Inc., Washington, D. C. Radiosonde humidity element. 2,315,277; Mar. 30.
- Shaw, Benson R., assignor to Washington Institute of Technology, Inc., Washington, D. C. Radiosonde box. 2,315,453; Mar. 30.
- Shaw, Bernard. (See Daly, A. J., Hawtin, and Shaw.)
- Shaw, Burton E. (See Penn, A., and Shaw.)
- Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Control structure. 2,308,312; Jan. 12.
- Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Refrigeration control structure. 2,308,313; Jan. 12.
- Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Fan switch. 2,308,434; Jan. 12.
- Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Control structure. 2,311,478; Feb. 10.
- Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Line starter switch. 2,314,464; Mar. 23.
- Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Switch. 2,314,465; Mar. 23.
- Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Thermostat. 2,319,563; May 18.
- Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Air volume control. 2,322,106; June 15.
- Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Pressure gauge for use with air volume controls. 2,326,574; Aug. 10.
- Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Relay. 2,332,268; Oct. 19.
- Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Burner control system. 2,332,269; Oct. 19.
- Shaw, Burton E., Bristol, Ind., assignor, by mesne assignments, to Crise Electric Manufacturing Company, Columbus, Ohio. Thermostatic control system. 2,334,447; Nov. 16.
- Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Control timer for refrigerating systems. 2,334,513; Nov. 16.
- Shaw, Clarence W., Grosse Pointe, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Semi-sealed closure and venting device. 2,311,971; Feb. 23.
- Shaw, Clarence W., Grosse Pointe Woods, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Key for pinning gears to shafts. 2,332,270; Oct. 19.
- Shaw, Clarence W., Grosse Pointe Woods, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Key construction for fastening objects to rotatable shafts. 2,332,271; Oct. 19.
- Shaw, Darby & Company Limited. (See Riches, Harry G. G., assignor.)
- Shaw, Edward L., Brookline, assignor to Shawlock, Inc., Boston, Mass. Closure cap. 2,331,939; Oct. 19.
- Shaw, Everett J. (See Altman, A. M., and Shaw.)
- Shaw, Hwey J., Shanghai, China; vested in the Allen Property Custodian. Match and cigarette holder. 2,316,295; Apr. 13.
- Shaw, John B., Torrance, Calif. Machine for rolling steel billets into merchant bars. 2,330,523; Sept. 28.
- Shaw, John E. B., Chicago, Ill. Parental injection device. 2,314,167; Mar. 16.
- Shaw, Hubert R., Drexel Hill, Pa., assignor to Radio Corporation of America. Electronic control. 2,337,132; Dec. 21.
- Shaw, Markworth A., Vancouver, British Columbia, Canada. Expansion bit. 2,325,020; July 20.
- Shaw, Ralph M., Jr., Edgewater Park, N. J. Wheel theft prevention means. 2,328,301; Aug. 31.
- Shaw, Richard A. (See Shaw, Thomas E. and R. A.)
- Shaw, Robert D., Bloomfield, assignor to Niles-Bement-Pond Company, West Hartford, Conn. Control system. 2,314,019; Mar. 16.
- Shaw, Robert J., and J. R. Slavsky, Detroit, Mich. Decorative device for food displays. 2,332,816; Oct. 26.
- Shaw, Stanley W., Galesburg, Kans. Traction wheel. 2,330,085; Sept. 21.
- Shaw, T. Edd, Atlanta, Ga. Barber's apron. 2,316,893; Apr. 20.
- Shaw, Thomas, Cranston, R. I., assignor to Stackbin Corporation. Container assembly. 2,320,388; June 1.
- Shaw, Thomas E. and R. A., Cranston, R. I., assignors to Stackbin Corporation. Rack or supporting structure. 2,322,745; June 29.
- Shaw, Thomas W., Chestnut Hill, Pa. Combination iron and ruffer. 2,308,314; Jan. 12.
- Shaw-Walker Company, The. (See Page, John H., assignor.)

- Shaw, Wilbur A., Forest Hills, assignor to American Locomotive Company, New York, N. Y. Heat exchanger. 2,311,190; Feb. 16.
- Shaw, William, Saco, Maine, assignor to Saco-Lowell Shops, Boston, Mass. Air filter. 2,315,278; Mar. 30.
- Shaw, William A., Los Angeles, and A. O. A. Hodge, Hermosa Beach, Calif., assignors to The National Supply Company, Pittsburgh, Pa. Union coupling. 2,327,464; Aug. 24.
- Shaw, William F., assignor of one-half to H. C. Mayers, Rocky River, Ohio. Practice apparatus for card games. 2,312,593; Mar. 2.
- Shaw, William F., assignor of one-half to H. C. Mayers, Rocky River, Ohio. Calculating device. 2,324,957; July 20.
- Shawcross, Roy, Salina, assignor to Aluminum Company of America, Pittsburgh, Pa. Protective coating on magnesium. 2,321,948; June 15.
- Shawcross, Roy, Salina, assignor to Aluminum Company of America, Pittsburgh, Pa. Treating aluminum surfaces. 2,337,940; Dec. 28.
- Shawinigan Chemicals Limited. (See Irany, Ernest P., assignor.)
- Shawinigan Chemicals Limited. (See Kennedy, D. J., and Barker, assignors.)
- Shawlock, Inc. (See Shaw, Edward L., assignor.)
- Shawver, William R. (See Britton, E. C., and Shawver.)
- Shayne, Alexander. (See Wittkubns, B. A., and Shayne.)
- Shayne, Alexander, New York, N. Y., assignor, by mesne assignments, to Sperry Products, Inc. Sheet thickness gauge for continuous rolling mills. 2,332,272; Oct. 19.
- Shayne, Alexander, New York, N. Y., and B. A. Wittkubns, Summit, N. J., assignors, by mesne assignments, to Sperry Products, Inc. Compensated strain gauge. 2,336,371; Dec. 7.
- Shea, Donald. (See Darenberg, G. W., and Shea.)
- Shea, Evan, New York, N. Y. Vermin trap. 2,307,163; Jan. 5.
- Shea, John A., Jersey City, N. J. Making pens. 2,313,777; Mar. 16.
- Shea, John A., Jersey City, N. J. Making pen nibs. 2,313,778; Mar. 16.
- Shea, John A., Jersey City, N. J. Pen nib and making same. 2,313,779; Mar. 16.
- Shea, John A., Jersey City, N. J. Making pens. 2,314,054; Mar. 16.
- Shea, Vincent H., Nashua, N. H., assignor to Allied Minerals, Inc., Westford, Mass. Poultry grit. 2,331,807; Oct. 12.
- Sheaffer, Charles F., Tulsa, Okla., assignor to Radio Corporation of America. Modulation system. 2,316,123; Apr. 6.
- Sheaffer, W. A., Pen Company. (See Olson, Wilbur K., assignor.)
- Sheaffer, W. A., Pen Company. (See Sheaffer, Walter A., assignor.)
- Sheaffer, W. A., Pen Company. (See Stempel, H. K., and Freeman, assignors.)
- Sheaffer, Walter A., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Pour-out closure. 2,314,562; Mar. 23.
- Shier, Edward J. (See Williams, W. I., and Shearer.)
- Shierer, Franklin F. (See Harrington, R. J., and Shearer.)
- Shearer, John P., assignor to Bloomer Bros. Company, Newark, N. Y. Box. 2,320,665; June 1.
- Shearer, Rose M., Crystal City, assignor of one-half to A. C. Mogford, Zavala County, Tex. Portable and knock-down cattle holder. 2,308,213; Jan. 12.
- Shearon, Will H., Jr. (See Fisher, W. E., and Shearon.)
- Sheehan, William M., Philadelphia, and S. T. Wharton, Jr., Ridley Park, Pa., assignors to General Steel Castings Corporation, Granite City, Ill. Battle tank structure. 2,329,420; Sept. 14.
- Sheeley, Charles F. (See Erickson, G., and Sheeley.)
- Sheerin, Thaddeus Coleman, assignor to The Cuno Press, Inc., Chicago, Ill. Bread wrapper. 2,328,688; Sept. 7.
- Sheets, Herman E. (See Chitz, Herman E.)
- Sheets, Jack H. (See Morris, E. W., and Sheets.)
- Sheffield, Berthold, Rocky Point, N. Y., assignor to Radio Corporation of America. Distortion control. 2,325,626; July 6.
- Sheffield, Eugene S., Jr. (See Giles, A. O., Sheffield, Jr., Maruoka, and Butler.)
- Sheffield, Donald H., assignor to Hercules Powder Company, Wilmington, Del. Preparation of terpineol. 2,336,575; Dec. 14.
- Sheffield, William F., Sparrows Point, Md. Ventilating system for submarines. 2,333,686; Nov. 9.
- Shesky, et al. (See Lehrs, Henry, assignor.)
- Shettel, Abraham G., Los Angeles, Calif. Test for sulphanyl compounds. 2,331,573; Oct. 12.
- Shoker, James W., Fort Dodge, Iowa. Vacuum cleaner support. 2,319,638; May 18.
- Shelby, Albert, and C. F. Hilgeman, Buffalo, N. Y., said Hilgeman assignor to said Shelby. Device or apparatus for treating hair. 2,316,894; Apr. 20.
- Shelby, Peter P., Hermosa Beach, Calif. Well tester. 2,313,176; Mar. 9.
- Sheldon, Albia L. (See Browne, W. P., and Browne.)
- Sheldon, Leonard C., Hills Grove, R. I. Aerial flare. 2,321,866; June 15.
- Sheldon, Lucian A., Schenectady, N. Y., assignor to General Electric Company. Condenser boiler. 2,332,941; Oct. 26.
- Sheldon, Lyle M. (See Olsen, F., Feldman, and Sheldon.)
- Sheldon, William M., Springfield, assignor to Louis Rupprecht, Montclair, N. J. Apparatus for impact pulverizing. 2,316,124; Apr. 6.
- Sheldon, William M., Elizabeth, assignor to L. Rupprecht, Montclair, N. J. Pulverizing mill. 2,319,192; May 11.
- Sheldrick, Laurence S. (See Sorensen, C. E., and Sheldrick.)
- Shell Development Company. (See Adelson, D. E., and Dannenberg, assignors.)
- Shell Development Company. (See Allen, C. C., and Haury, assignor.)
- Shell Development Company. (See Archibald, R. C., and Smith, assignors.)
- Shell Development Company. (See Armfield, Frederic A., assignor.)
- Shell Development Company. (See Ballard, S. A., and Haury, assignors.)
- Shell Development Company. (See Bent, F. A., and Byrne, assignors.)
- Shell Development Company. (See Border, Lawson E., assignor.)
- Shell Development Company. (See Brandt, James P., assignor.)
- Shell Development Company. (See Brower, P. V., and Love, assignors.)
- Shell Development Company. (See Burgin, James, assignor.)
- Shell Development Company. (See Cattaneo, Alfred G., assignor.)
- Shell Development Company. (See Chickinoff, J., Roberts and Burgin, assignors.)
- Shell Development Company. (See Converse, Willard E., assignor.)
- Shell Development Company. (See Crane, Wilfred S. T. M. E., assignor.)
- Shell Development Company. (See Crawford, C. C., and Ross, assignors.)
- Shell Development Company. (See De Benedictis, A., and Luten, assignors.)
- Shell Development Company. (See de Simó, M., and McMillan, assignors.)
- Shell Development Company. (See de Simó, M., McMillan and Cheney, assignors.)
- Shell Development Company. (See de Wit, Hendrik P., assignor.)
- Shell Development Company. (See Dunn, C. L., and McConaughy, assignors.)
- Shell Development Company. (See Durrum, Emmett L., assignor.)
- Shell Development Company. (See Engs, W., and Wik, assignors.)
- Shell Development Company. (See Evans, T. W., and Bullard, assignors.)
- Shell Development Company. (See Evans, T. W., Marple, and Shokal, assignors.)
- Shell Development Company. (See Ford, T. F., and Loomis, assignors.)
- Shell Development Company. (See Franz, Ernest R., assignor.)
- Shell Development Company. (See Freeland, J. W., and Byck, assignor.)
- Shell Development Company. (See Greensfelder, Bernard S., assignor.)
- Shell Development Company. (See Greensfelder, B. S., and Archibald, assignors.)
- Shell Development Company. (See Groll, H. P. A., Hearne, and von Stietz, assignors.)
- Shell Development Company. (See Hafner, H. J., Siegelman, and von Fuchs, assignors.)
- Shell Development Company. (See Hassler, Gerald L., assignor.)
- Shell Development Company. (See Hearne, G. W., and Stenmark, assignors.)
- Shell Development Company. (See Herbert, Frank B., assignor.)
- Shell Development Company. (See Herzenberg, Alfred J., assignor.)
- Shell Development Company. (See Hoeffelman, Johan M., assignor.)
- Shell Development Company. (See Holt, B. M., and Liedholm, assignors.)
- Shell Development Company. (See Liedholm, George E., assignor.)
- Shell Development Company. (See Liedholm, George E., Cole, and Shultz, assignors.)
- Shell Development Company. (See Lovell, L. L., Isted, and Ortytsky, assignors.)
- Shell Development Company. (See Luten, D. B., Jr., and De Benedictis, assignors.)
- Shell Development Company. (See Malson, Parker E., assignor.)
- Shell Development Company. (See Marple, Kenneth E., assignor.)
- Shell Development Company. (See Marple, K. E., and Bent, assignors.)
- Shell Development Company. (See Marple, K. E., and Evans, assignors.)
- Shell Development Company. (See Marple, K. E., Shokal, and Evans, assignors.)

- Shell Development Company. (See McAllister, Sumner H., and Haury, assignors.)
- Shell Development Company. (See McAllister, S. H., and Ballard, assignors.)
- Shell Development Company. (See McAllister, Frank M., assignor.)
- Shell Development Company. (See McOmie, R. W., Davis, and Nixon.)
- Shell Development Company. (See Merten, Eugen, assignor.)
- Shell Development Company. (See Nixon, A. C., and Davis, assignors.)
- Shell Development Company. (See Ortynsky, Roman L., assignor.)
- Shell Development Company. (See Ott, Clarence J., assignor.)
- Shell Development Company. (See Penfield, Charles S., assignor.)
- Shell Development Company. (See Pilat, S., and Godlewicz, assignors.)
- Shell Development Company. (See Ross, W. E., and Anderson, assignors.)
- Shell Development Company. (See Rugs, J. D., Kittle, Heath, and Dietz, assignors.)
- Shell Development Company. (See Schaafsma, Albert, assignor.)
- Shell Development Company. (See Shiras, Russell N., assignor.)
- Shell Development Company. (See Shultz, Irving I., assignor.)
- Shell Development Company. (See Smith, Sydney S., assignor.)
- Shell Development Company. (See Sorem, S. S., and Anderson, assignors.)
- Shell Development Company. (See Tams, M., and Ryland, assignor.)
- Shell Development Company. (See Thomas, Samuel B., assignor.)
- Shell Development Company. (See Thomas S. B., and McMillan, assignors.)
- Shell Development Company. (See Tolleners, Anton J., assignor.)
- Shell Development Company. (See van de Griendt, G. H., Marple, and Peters, assignors.)
- Shell Development Company. (See van den Berge, Jacob, assignor.)
- Shell Development Company. (See van der Plas, Franciscus J. P., assignor.)
- Shell Development Company. (See Van Ess, P. R., and White, assignors.)
- Shell Development Company. (See van Leeuwen, Gerrit H., assignor.)
- Shell Development Company. (See Vaughan, William E., and Rust, assignors.)
- Shell Development Company. (See Vaughan, W. E., and Rust, assignors.)
- Shell Development Company. (See von Fuchs, G. H., and Diamond, assignors.)
- Shell Development Company. (See von Fuchs, G. H., and Wilson, assignors.)
- Shell Development Company. (See White, Ellis R., assignor.)
- Shell Development Company. (See Woods, John P., assignor.)
- Sheller Manufacturing Corporation. (See Smith, Elmer, assignor.)
- Shelley, Harris C. (See Shelley, John G., assignor.)
- Shelley, James H., assignor of one-half to Supere Supply Co., Inc., Los Angeles, Calif., doing business as Easterday Supply Co. Seat cover holder. 2,332,673; Oct. 26.
- Shelley, John G., Wellesley, assignor to H. C. Shelley, Needham, Mass. Roll. 2,324,050; July 13.
- Shellman, Ernest A., et al. (See Krause, Victory W., assignor.)
- Shellman Products Company. (See Gurwick, Irving, assignor.)
- Shellmar Products Company. (See Moore, George A., assignor.)
- Sheldire, Stanley R., assignor to Scott & Williams, Incorporated, Laconia, N. H. Knit fabric. 2,325,078; July 27.
- Shelton, Andrew B., Columbus, Ga. Loom temple. 2,310,125; Feb. 2.
- Shelton, Donald C., San Diego, Calif. Animated toy. 2,333,687; Nov. 9.
- Shelton, Edward E., and H. Moss, assignors to A. C. Coscor Limited, London, England. Cathode ray tube. 2,336,895; Dec. 14.
- Shelton, Ernest E., Los Angeles, assignor of one-half to A. J. McDaniel, Westwood Village, Los Angeles, Calif. Combination container and dispenser. 2,335,363; Nov. 30.
- Shelton, Ernest L., et al. (See Dockery, John T., assignor.)
- Shelton, Florence L., Portland, Ore. Breathing bag. 2,321,256; June 8.
- Shelton, Francis K., Boulder City, Nev., assignor to the Government of the United States, as represented by the Secretary of the Interior, and his successor or designee. Concentration of boron chemically combined from its ores by auto-flotation. 2,317,413; Apr. 27.
- Shelton, George I. (See Dowell, H. L., and Shelton.)
- Shelton, Robert S., Mariemont, and M. G. Van Campen, Jr., Silvertown, assignors to The Wm. S. Merrell Company, Reading, Ohio. Composition of matter. 2,331,808; Oct. 12.
- Shelton, W. G., Company. (See Racen, Ferdinand, assignor.)
- Shenandoah Equipment Corporation. (See Martin, Perry S., assignor.)
- Shenk, Robert H., assignor to J. A. Zorn Manufacturing Company, Erie, Pa. Drain. 2,330,014; Sept. 21.
- Shenstone, Osborn H., assignor to Massey-Harris Company Ltd., Toronto, Ontario, Canada. Transmission mechanism. 2,314,664; Mar. 23.
- Shenstone, Osborn H., assignor to Massey-Harris Company Ltd., Toronto, Ontario, Canada. Electric power lift. 2,320,953; June 1.
- Shenon, Francis, and L. Buchler, Jr., assignors to Frick Company, Waynesboro, Pa. Shaft seal. 2,323,730; July 9.
- Shenton, Thomas W., West Hartford, assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Switch operating means. 2,330,425; Dec. 7.
- Shepard, Arthur P., New York, assignor to Metallizing Engineering Company, Inc., Long Island City, N. Y. Coating sprayed metal to adhere to metal surfaces. 2,314,302; Mar. 30.
- Shepard, Arthur P., Forest Hills, assignor to Metallizing Engineering Company, Inc., Long Island City, N. Y. Device for removing curvature from metallizing wires. 2,318,019; May 4.
- Shepard, Arthur P., Forest Hills, assignor to Metallizing Engineering Company, Inc., Long Island City, N. Y. Apparatus for conditioning metal surfaces for spray bonding. 2,335,316; Nov. 30.
- Shepard, Carl A. (See Thompson, Thomas, assignor.)
- Shepard, Francis H., Jr., Merchantville, N. J., assignor to Radio Corporation of America. Photoelectric controlled oscillator device. 2,312,127; Dec. 23.
- Shepard, Francis H., Jr., Merchantville, N. J. Reproduction of sound frequencies. 2,313,096; Mar. 9.
- Shepard, Francis H., Jr., Merchantville, N. Y. System for compensating anode supply potential variations. 2,312,697; Mar. 9.
- Shepard, Francis H., Jr., Merchantville, N. J. Reproduction of sound frequency vibrations. 2,313,098; Mar. 9.
- Shepard, Francis H., Junior, Rutherford, N. J., assignor to Radio Corporation of America. Distance measurement. 2,333,088; Jan. 13.
- Shepard, Hugh W. (See Lindner, K. A., and Shepard.)
- Shepard, John H., and N. Picard, Rochester, N. H. Tractor driven snowplow assembly. 2,320,389; June 1.
- Shepard, Norman A., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Catalysts for acid-curing thermosetting resins. 2,331,862; Oct. 1.
- Shepherdson, John W., and B. L. Burns, assignors to Morgan Construction Company, Worcester, Mass. Rolling mill. 2,335,800; Nov. 30.
- Shepherd, Daniel F., United States Army, Richmond, Va. Grommet. 2,312,364; Mar. 2.
- Shepherd, Harry J. (See Kelly, E., and Shepherd.)
- Shepherd, Judson O'D., Atlanta, Ga. Telephone system. 2,307,064; Jan. 12.
- Shepherd, Judson O'D., Atlanta, Ga. Pulse regenerator. 2,307,965; Jan. 12.
- Shepherd, Judson O'D., Atlanta, Ga. Pulse regenerator. 2,327,465; Aug. 24.
- Shepherd, Judson O'D., Atlanta, Ga. Switching mechanism. 2,337,941; Dec. 28.
- Shepherd, Solomon W., Oakland, Calif. Amusement ride apparatus. 2,328,852; Sept. 7.
- Shepherd, Thomas L., and W. Richardson, London, England. Collar fabric. 2,322,889; June 29.
- Shepherd, Winfred P., Pasadena, Calif. Cooking grid or shelf. 2,332,117; Oct. 19.
- Sheppard, Creedy C., Fort Lee, N. J. Mirror mounting. 2,322,395; June 22.
- Sheppard, Nelson C. (See Pyle, P. R. C., and Sheppard.)
- Sheppard, Richard H., Hanover, Pa. Combustion chamber. 2,324,328; July 13.
- Sheppard, Ronald W. (See Bahlke, A. F., Moeller, and Sheppard.)
- Sheppard, Samuel E., and W. Vanselow, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion containing fog inhibitors. 2,319,090; May 11.
- Shepell, Nicholas. (See Wilkinson, George D., and Shepell.)
- Shera, John W., Shaker Heights, Ohio, assignor, by mesne assignments, to American Flange and Manufacturing Company, New York, N. Y. Metal spinning apparatus. 2,321,527; June 8.
- Sheremet, Maria. (See Voskresensky, P., and Sheremet.)
- Sherer, Archie A., Dayton, Ohio. Automobile accessory. 2,321,528; June 8.
- Sherer, Joseph S., Jr., and A. J. Richards, assignors to Ideal Power Lawn Mower Company, Lansing, Mich. Lawn mower. 2,313,590; Mar. 9.
- Sherberd, William G., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical circuit employing grid-controlled gas discharge tubes. 2,314,739; Mar. 23.
- Sheridan, Albert F., Manitowoc, Wis. Pressure receptacle closure. 2,334,448; Nov. 16.

- Sheridan, Edward A., Pawtucket, R. I., assignor to Vesta Underwear Company. Infant's garment. 2,312,981; Mar. 2.
- Sheridan, John L., Long Island City, assignor to Custodis Construction Company, Inc., New York, N. Y. Synthetic resin and the preparation thereof. 2,317,116; Apr. 20.
- Sherk, Joseph L. (See Cummins, C. F. and Sherk.)
- Sherk, Joseph L. (See Peterson, N. R. and Sherk.)
- Sherlock, John E., and W. F. Forrest Martin-Hurst, Sunbury-on-Thames, England. Thermally operated electric switch. 2,320,895; June 1.
- Sherman, Alice E., assignor to Wellesley Holdings Limited, London, England. Conversion of refuse into a humus fertilizer material. 2,337,686; Dec. 28.
- Sherman, Alvin G., Grosse Pointe, Mich., assignor to Globe American Corporation, Kokomo, Ind. Cook stove. 2,308,570; Jan. 19.
- Sherman, Alvin G., Grosse Pointe, Mich., assignor to Globe American Corporation, Kokomo, Ind. Top cover construction for stoves. 2,316,992; Apr. 20.
- Sherman, Alvin G., Grosse Pointe, assignor to Sherman-Jackson-Roose Company, Detroit, Mich. Gas burner. 2,320,754; June 1.
- Sherman, Cortis F., West Hartford, and A. E. Caserta, assignors to The Henry & Wright Manufacturing Company, Hartford, Conn. Dieing machine. 2,321,325; June 8.
- Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Automobile frame. 2,311,880; Feb. 23.
- Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Damping and cushioning device for springs. 2,337,281; Dec. 21.
- Sherman-Jackson-Roose Company. (See Sherman, Alvin G., assignor.)
- Sherman, John Q., deceased, Dayton, Ohio; K. M. Sherman, W. C. Sherman, and W. B. Turner, executors. Typewriter. 2,307,809; Jan. 12.
- Sherman, John Q., deceased, late of Dayton, Ohio, by K. M. Sherman, W. C. Sherman, and W. B. Turner, executors, Dayton, Ohio. Strip trimmer. 2,308,551; Jan. 19.
- Sherman, John Q., deceased, by K. M. and W. C. Sherman and W. B. Turner, executors, Dayton, Ohio. Combined friction and pin aligning device for writing machines. 2,311,702; Feb. 23.
- Sherman, John Q., deceased, Dayton, Ohio, K. M. Sherman, W. C. Sherman, and W. B. Turner, Dayton, Ohio, executors and A. W. Metzner, Dayton, Ohio, said Metzner assignor to said K. M. Sherman, W. C. Sherman and W. B. Turner, executors of said J. Q. Sherman, deceased. Recording apparatus. 2,311,371; Mar. 23.
- Sherman, John Q., deceased, and A. W. Metzner, Dayton, Ohio; said Metzner assignor to said Sherman; K. M. and W. C. Sherman, and Wellmore B. Turner, executors. Fuel pin wheel feed. 2,318,020; May 4.
- Sherman, John Q., and A. W. Metzner, Dayton, Ohio, said Metzner assignor to said Sherman, deceased; Katherine M. Sherman, William C. Sherman, and Wellmore B. Turner, executors. Paper feeding mechanism. 2,327,377; Aug. 24.
- Sherman, Katherine M., executor, et al. (See Sherman, John Q.)
- Sherman, Katherine M., et al., executors. (See Sherman, J. Q., and Metzner (assignor).)
- Sherman-Klove Co., The. (See Rueb, Theodore O., assignor.)
- Sherman, Rallston M., Glastonbury, Conn. Cooking stove. 2,314,249; Mar. 16.
- Sherman, Rallston M., Glastonbury, Conn. Liquid metering device. 2,323,627; July 6.
- Sherman, Stuart H., La Grange, and R. J. Clarkson, Hazansville, Ga., assignors to United States Rubber Company, New York, N. Y. Ring traveler. 2,314,740; Mar. 23.
- Sherman, Tracy H., South Nyack, assignor to Foster Wheeler Corporation, New York, N. Y. Fluid heater. 2,335,317; Nov. 30.
- Sherman, William C., executor, et al. (See Sherman, John Q.)
- Sherman, William C., et al., executors. (See Sherman, J. Q., and Metzner (assignor).)
- Sherrard, Earl C., and E. E. Harris, Madison, Wis., assignors to H. A. Wallace as Secretary of Agriculture of the United States of America, and to his successors in office. Simultaneously manufacturing pulp and hydrogenated products from lignocellulose. 2,328,749; Sept. 7.
- Sherrard, Elwin W., Lincoln, Nebr. Device for indicating the concentration, density, and dilution of liquids and solutions. 2,328,853; Sept. 7.
- Sherrell, Burl E., Peru, Ind. Compass structure. 2,310,041; Feb. 2.
- Sherrell, Charles O., Cincinnati, Ohio. Motor vehicle windshield sticker. 2,324,885; July 20.
- Sherrell, Sloan S. (See Klatt, R. K., and Sherrell.)
- Sherron, Percival H., Jamaica, N. Y. Stall telephone booth. 2,328,928; Sept. 7.
- Sherts, James H., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Bullet resistant glazing unit. 2,317,945; Apr. 27.
- Sherwin-Williams Company, The. (See Adams, R. C., and Woodworth, assignors.)
- Sherwin-Williams Company, The. (See Hunn, James V., assignor.)
- Sherwin-Williams Company, The. (See Jordan, Wesley A., assignor.)
- Sherwin-Williams Company, The. (See McCord, A. T., and Saunders, assignors.)
- Sherwin-Williams Company, The. (See Nessler, Floyd G., assignor.)
- Sherwin-Williams Company, The. (See O'Neal, Grady M., assignor.)
- Sherwin-Williams Company, The. (See Tawney, Pliny O., assignor.)
- Sherwin-Williams Company, The. (See Todd, S. P., Saunders, and Verduin, assignors.)
- Sherwin-Williams Company, The. (See Walton, W. T., and Jordan, assignors.)
- Sherwin-Williams Company, The. (See Wilcock, Donald F., assignor.)
- Sherwood, George T., Los Angeles, Calif. Hand signal for motorists. 2,317,227; Apr. 20.
- Sherwood, Glenn L., assignor to Kaywood Corporation, Benton Harbor, Mich. Venetian blind. 2,334,132; Nov. 9.
- Sherwood, Harold F., assignor to Eastman Kodak Company, Rochester, N. Y. Reproducing drawings. 2,327,826; Aug. 24.
- Sherwood, Laurence T., Connellsville, assignor to Pennsylvania Wire Glass Company, Philadelphia, Pa. Joint structure for corrugated glass sheets. 2,311,191; Feb. 16.
- Sherwood, Laurence T., Connellsville, assignor to Pennsylvania Wire Glass Company, Philadelphia, Pa. Corrugated glass glazing unit. 2,316,993; Apr. 20.
- Sherwood, Marion B. (See Buck, J. S., Reiner, and Sherwood.)
- Sherwood, Noble P., Dallas, assignor to Heuschobor Engineering Corporation, Fort Worth, Tex. Internal combustion engine. 2,327,565; Aug. 24.
- Shetzline, Walter F., Los Angeles, Calif. Window operating means. 2,323,731; July 6.
- Shields, Albert F., Jamaica, assignor to S. & S. Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Pressure roll adjustment. 2,310,262; Feb. 9.
- Shields, Albert F., Jamaica, assignor to S. & S. Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Cutting knife support. 2,333,127; Nov. 2.
- Shields, Albert F., Jamaica, assignor to S. & S. Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Folding machine. 2,336,507; Dec. 14.
- Shields, Charles W., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus. 2,329,421; Sept. 14.
- Shields, Della M., Ventura, Calif. Bedclothes harness. 2,326,399; Aug. 10.
- Shields, Francis J., Bombay, N. Y. Closure for boots. 2,334,133; Nov. 9.
- Shields, James E., Niagara Falls, assignor to Alox Corporation, New York, N. Y. Corrosion inhibitor. 2,330,524; Sept. 28.
- Shields, James E., Niagara Falls, assignor to Alox Corporation, New York, N. Y. Corrosion inhibitor. 2,330,525; Sept. 28.
- Shifter, William H., San Francisco, and L. P. Elliott, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Utilization of foul steam for hydrogen sulphide removal. 2,312,365; Mar. 2.
- Shields, William H., San Francisco, and L. P. Elliott, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Utilization of foul steam for hydrogen sulphide removal. 2,336,896; Dec. 14.
- Shillinger, Clare B., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Machine for making glass articles. 2,327,673; Aug. 24.
- Shillinger, Clare B., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Insulator plunger support. 2,331,053; Oct. 5.
- Shimek, Edwin J., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Master control for electric seismographs. 2,317,334; Apr. 20.
- Shimek, Edwin J., Dallas, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Seismic surveying. 2,320,248; May 25.
- Shimer, John M., Dallas, Tex., assignor to Oil Well Supply Company. Valve and valve seat. 2,307,546; Jan. 5.
- Shimmin, Elmer R. (See Maxwell, J. L., and Shimmin.)
- Shinkle, Seaphes D., Passaic, N. J., assignor to United States Rubber Company, New York, N. Y. Manufacture of 2-mercaptothiazoline. 2,328,929; Sept. 7.
- Shinn, Byron H., Butler, Pa., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Gravity operable valve. 2,324,999; July 20.
- Shinn, John V., Flushing, assignor to General Chemical Company, New York, N. Y. Manufacture of sulphuric acid. 2,313,677; Mar. 9.
- Shinn, William, assignor to Chicago Lock Company, Chicago, Ill. Plate tumbler lock. 2,330,929; Oct. 5.
- Shipley, Grant B., Pittsburgh, Pa. Wood-preserving apparatus. 2,334,586; Nov. 16.
- Shipley, Robert C., Kalamazoo, Mich. Dispensing container. 2,316,979; Apr. 20.
- Shipley, Sylvanus C., B. Cyr, and F. S. Denison, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel burner construction. 2,319,351; May 18.

- Shibley, Sylvanus C., Minneapolis, W. H. Ingersoll, St. Paul, and H. Cyr, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor operator assembly. 2,326,692; Aug. 10.
- Shipman, Bennet C., Evansville, Ind., assignor to Savel, Inc., New York, N. Y. Heat exchanger. 2,321,110; June 8.
- Shipman, Frank M., Louisville, Ky. Wooden aging barrel. 2,315,742; Apr. 6.
- Shippee, Carl C. (See Shippee, Windsor, and C. C.)
- Shippee, Charles W., Worcester, Mass. Combined power shovel and truck. 2,321,630; June 15.
- Shippee, Windsor and C. C., Red Banks, N. J. Lock nut. 2,326,261; Aug. 10.
- Shipp, Leo C., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Automatic tube cutoff. 2,325,431; July 27.
- Shipton, Edward, London, England. Timing device. 2,336,897; Dec. 14.
- Shiras, Russell N., Oakland, assignor to Shell Development Company, San Francisco, Calif. Separation of hydrocarbon gases. 2,335,162; Nov. 23.
- Shirra-Craft Company, Inc., The. (See Kaplan, Morris L., assignor.)
- Shivell, Homer J., Kingsport, Tenn. Loom picker. 2,308,393; Jan. 12.
- Shivell, Homer J., Kingsport, Tenn. Leather belting. 2,320,158; May 25.
- Shively, James L., Camas, Wash., assignor to Crown Zellerbach Corporation, San Francisco, Calif. Preventing "killing" of adhesive in the forming of bonding seams between sheet portions. 2,331,054; Oct. 5.
- Shively, John J., New York, N. Y. Multiple temperature refrigerating apparatus. 2,310,657; Feb. 9.
- Shmurak, Benjamin. (See Odquist, H. T., and Shmurak.)
- Shmurak, Benjamin, assignor to American Can Company, New York, N. Y. Can testing device. 2,320,390; June 1.
- Shmurak, Benjamin, assignor to American Can Company, New York, N. Y. Welding apparatus. 2,326,805; Aug. 17.
- Shmurak, Benjamin, assignor to American Can Company, New York, N. Y. Attaching keys to can ends. 2,326,806; Aug. 17.
- Shoan, Raymond L., assignor to Dearborn Chemical Company, Chicago, Ill. Material for wrapping pipes and for covering metallic surfaces. 2,311,573; Feb. 16.
- Shober Sales, Inc. (See Klingery, Leroy F., assignor.)
- Shobert, Erle I., II, assignor to Stackpole Carbon Company, St. Marys, Pa. Generator regulator. 2,315,821; Apr. 6.
- Shobert, Erle I., II, assignor to Stackpole Carbon Company, St. Marys, Pa. Generator regulator. 2,322,669; June 22.
- Shobert, Erle I., II, assignor to Stackpole Carbon Company, St. Marys, Pa. Generator regulator. 2,332,942; Oct. 26.
- Shock, Fred C., assignor of one-half to C. E. Potts, Baltimore, Md., and Wrench. 2,313,174; Mar. 9.
- Shock, Lewis L., Jr. (See Shock, L. and L. L., Jr.)
- Shoe Form Co. Inc. (See De Witt, W. J., Hommel, and Schoenwald, assignors.)
- Shoeld, Mark, Towson, Md., assignor to The Davison Chemical Corporation. Manufacturing animal feed compositions. 2,328,884; Sept. 7.
- Shoemaker, Bernard H., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Extreme pressure lubricant. 2,307,307; Jan. 5.
- Shoemaker, Emory C., Troy, Pa. Micrometer. 2,322,167; June 15.
- Shoemaker, John C., et al. (See Sharpe, Troy F., assignor.)
- Shoemaker, Louis A., Carleton, Mich., and K. A. Lenzon, T-to-H, Ind., said Lenzon assignor to said Shoemaker. Chick feeder. 2,336,306; Dec. 7.
- Shoemaker, Malcolm G., Abington, assignor, by mesne assignments, to Philco Corporation, Philadelphia, Pa. Crankshaft. 2,325,804; Aug. 3.
- Shoemaker, Milton J., assignor to Research Products Corporation, Madison, Wis. Cationic exchange material. 2,312,449; Mar. 2.
- Shoemaker, Richard W., assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Apparatus for making hollow articles. 2,331,430; Oct. 12.
- Shoemaker, Richard W., Woodbury, assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Weatherproof electric wire. 2,335,088; Nov. 23.
- Shoemaker, Robert C., assignor to Willamette Hyster Company, Portland, Ore. Folding crane. 2,336,965; Dec. 14.
- Shoemaker, Robert W., Anderson, Ind., assignor to A. J. R. Greer, Morgantown, W. Va. Treatment of metals. Re. 22,296; Mar. 30.
- Shoemaker, William E., Freeport, assignor to Sinclair Refining Company, New York, N. Y. Gasoline pump. 2,330,634; Mar. 2.
- Shoomaker, Shalom O. (See Sipyaquin, A. S., and Shoemaker.)
- Shoe Press Corporation. (See Anderson, William S., assignor.)
- Shofer, Marc R., assignor to Iowa Fiber Box Company, Keokuk, Iowa. Box for transporting baby chicks and the like. 2,328,899; Sept. 7.
- Shoffner, John R., Kittanning, Pa. Motor driven cable reel. 2,324,329; July 13.
- Shoffner, John R., Kittanning, Pa. Cable reel truck. 2,325,805; Aug. 3.
- Shoffner, John R., Kittanning, Pa. Reel for electric cables. 2,330,086; Sept. 21.
- Shokal, Edward C. (See Evans, T. W., Marple, and Shokal.)
- Shokal, Edward C. (See Marple, K. E., Shokal, and Evans.)
- Shold, Morris, and A. M. Cooper, assignor to Form Fashion, Inc., Chicago, Ill. Blouse. 2,312,777; Mar. 2.
- Shonle, Horace A., and A. M. Van Arendonk, assignors to Eli Lilly and Company, Indianapolis, Ind. Halogen acyl derivatives of 4,4'-diaminodiphenyl sulphone and process of preparing them. 2,323,573; July 6.
- Shonle, Horace A., and A. M. Van Arendonk, assignors to Eli Lilly and Company, Indianapolis, Ind. Unsymmetrical derivatives of 4,4'-diaminodiphenyl sulphone. 2,325,344; July 27.
- Shonle, Horace A., and A. M. Van Arendonk, assignors to Eli Lilly and Company, Indianapolis, Ind. Halogen acyl derivatives of 4,4'-diaminodiphenyl sulphone. 2,333,394; Nov. 2.
- Shook, Carley M., Dallas, Tex., assignor, by mesne assignments, to Socoy, Vacuum Oil Company, Incorporated, New York, N. Y. Gain control for seismograph amplifiers. 2,312,934; Mar. 2.
- Shook, Florin J., assignor to National Rubber Machinery Company, Akron, Ohio. Inner tube manufacturing device. 2,311,600; Feb. 16.
- Shook, Florin J., assignor to National Rubber Machinery Company, Akron, Ohio. Tire-building apparatus. 2,316,369; Apr. 13.
- Shope, Harry S., East Orange, and H. W. Ulrich, Newark, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Line load control system. 2,329,004; Sept. 7.
- Shope, James B., Ranger, Ga. Cultivator. 2,311,363; Feb. 16.
- Shore, William E., West New Brighton, Staten Island, N. Y. Refrigerant compressor. 2,324,434; July 13.
- Short, Brooks E., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Spark advance indicator. 2,312,778; Mar. 2.
- Short Brothers (Rochester & Bedford) Limited. (See Flaxman, Robert E., assignor.)
- Short, Frank, Canton Center, Conn., assignor to Flakice Corporation. Ice making apparatus and method. 2,310,468; Feb. 9.
- Short, Graham H. (See Schulze, W. A., Ruoho and Short.)
- Short, Graham H. (See Schulze, W. A., and Short.)
- Short, Graham H. (See Schulze, W. A., Short, and Helmers.)
- Short, Grover R., Lebanon, Pa. Multiple unit airplane motor. 2,336,966; Dec. 14.
- Short, Ira. (See Schmidt, H. F., Semar, and Short.)
- Short, J. R., Milling Company. (See Renner, Herbert O., assignor.)
- Short, John W. (See McChesney, C. S., and Short.)
- Short, Leland W. (See Hill, L. O., and Short.)
- Short, Thomas T., Fort Wayne, Ind., assignor to General Electric Company. Electric circuit. 2,322,597; June 22.
- Short, Thomas T., Fort Wayne, Ind., assignor to General Electric Company. Electric translating apparatus. 2,329,224; Sept. 14.
- Short, Thomas T., Fort Wayne, Ind., assignor to General Electric Company. Starting and ballasting apparatus for electric discharge devices. 2,334,587; Nov. 16.
- Short, Vernon R., Westbrook, Conn. Educational device. 2,319,162; May 11.
- Shortell, William H., assignor to Millers Falls Company, Greenfield, Mass. Tension gauge for hack saw blades. 2,337,629; Dec. 28.
- Shortland, Arthur. (See Bromley, T. G., and Shortland.)
- Shott Manufacturing Company, The, et al. (See Woelfer, Frank C., assignor.)
- Shotton, John C., Lakewood, Ohio. Painless drilling dental instrument. 2,315,016; Mar. 30.
- Shouls, David R. (See Edwards, M. A., and Shouls.)
- Shouls, David R., and A. F. Mansfield, Schenectady, N. Y., assignors to General Electric Company. Control system. 2,310,713; Feb. 9.
- Shouls, David R., and F. E. Crever, Schenectady, N. Y., assignors to General Electric Company. Control system. 2,320,833; June 1.
- Shoup, Ransom F., Ardmore, assignor to The Shoup Voting Machine Corporation, Philadelphia, Pa. Voting machine. 2,312,128; Feb. 23.
- Shoup, Ransom F., Ardmore, assignor to The Shoup Voting Machine Corporation, Philadelphia, Pa. Voting machine. 2,320,105; May 25.
- Shoup, Ransom F., Ardmore, assignor to The Shoup Voting Machine Corporation, Philadelphia, Pa. Voting machine. 2,329,005; Sept. 7.
- Shoup Voting Machine Corporation, The. (See Shoup, Ransom F., assignor.)
- Shray, Frank J. (See Cantrell, M. L., and Shray.)
- Shreve, Clifford B., assignor to Tyler Fixtures Corporation, Niles, Mich. Display refrigerator. 2,332,174; Oct. 19.
- Shriver, George E. (See Jordan, H. F., and Shriver.)

- Shroyer, Jacob L., Oak Park, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Electric heater. 2,317,228; Apr. 20, 1947.
- Shurtz, Frank D., assignor to E. T. Turner, Detroit, Mich. Electric fluid heating means. 2,312,677; Mar. 2.
- Shuey, Charles R., La Grande, Oreg. Tow bar for trailers. 2,307,472; Jan. 5.
- Shugart, Robert B., Orlando, Fla. Molding concrete blocks. 2,311,479; Feb. 16.
- Shugart, Robert B., and J. G. Boettcher, Orlando, Fla. Molding machine. 2,311,480; Feb. 16.
- Shuger, John K., et al. (See White, Frank M., assignor.)
- Shuger, Leroy. (See Rodli, G., and Shuger.)
- Shubart, Donald V., Fort Worth, Tex. Autoperispher. 2,326,400; Aug. 10.
- Shuhl, John P., Litchfield, assignor of one-half to A. Wendt, Torrington, Conn. Airplane. 2,336,194; Dec. 7.
- Shull, Joseph T. (See Blair, J. G., and Shull.)
- Shull Perforating Company. (See Dempsey, Robert M., assignor.)
- Shulman, Harry L., Atlanta, Ga. Register-receptacle for stamps, tags, and the like. 2,333,591; Nov. 2.
- Shulzbarg, Vincent E., Detroit, Mich. Recovering magnesium scrap. 2,308,938; Jan. 19.
- Shultz, Irvin. (See Liedholm, G. E., Cole, and Shultz.)
- Shultz, Irving I., assignor to Shell Development Company, San Francisco, Calif. Process and apparatus for catalytic conversion. 2,327,746; Aug. 24.
- Shuman, Moses, Los Angeles, Calif. Assorting device. 2,328,854; Sept. 7.
- Shuman, Moses, Los Angeles, Calif. Assorting machine. 2,327,942; Dec. 28.
- Shunkwiler, Roy W., assignor to Hartman-Leddon Company, Philadelphia, Pa. Separating hematoxylin from logwood extract. 2,333,050; Oct. 26.
- Shurcliff, William A., Plainfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Spectrophotometer. 2,329,657; Sept. 14.
- Shurtz, Benjamin. (See Bauer, Benjamin B.)
- Shurtz, Frances, et al., trustees. (See Bauer, Benjamin B., assignor.)
- Shure, S. N., et al., trustees. (See Bauer, Benjamin B., assignor.)
- Shurley, Frederick, Windsor, Ontario, Canada, assignor to Guthrie Ceramic Labelling & Machinery Co. Inc., Dover, N. J. Ceramic stenciling ink and vehicle therefor. 2,318,124; May 4.
- Shurmur, Leonard G., Wyandotte, Mich. Container holder. 2,325,712; Aug. 3.
- Shuron Optical Company. (See Long, Eli M., assignor.)
- Shuron Optical Company. (See McDonell, William E., assignor.)
- Shuron Optical Company, Inc. (See Rohrbach, John J., assignor.)
- Shurts, Wilbur F. (See Schaeffer, R. M., and Shurts.)
- Shutt, Richard S. (See Bearse, A. E., and Shutt.)
- Shuttleworth, Thomas H., Pocantico Hills, assignor to PHC Housing Corporation, New York, N. Y. Removable covering for building walls. 2,329,561; Sept. 14.
- Sias, Richard. (See Kennedy, M. D., and Sias.)
- Sibal, Ludvik, Long Island City, N. Y. Fluid pressure controlling apparatus. 2,321,631; June 15.
- Sibert, Lewis R., Kansas City, Mo. Smoking pipe. 2,318,639; May 11.
- Sibley, Robert L., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Preserving rubber. 2,325,152; July 27.
- Sibley, Robert L., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Preserving rubber. 2,335,089; Nov. 23.
- Sichman, John J. (See Milz, H. E., and Sichman.)
- Sickles, F. W., Company, The. (See Sickles, Royal F., assignor.)
- Sickles, Royal F., Springfield, assignor to The F. W. Sickles Company, Chicopee, Mass. Electrical assembly. 2,321,161; June 8.
- Side, Frederick W. (See Bean, R. D., Moore, and Side.)
- Side, Frederick W., and J. A. Caldwell, assignors to The Brown Instrument Company, Philadelphia, Pa. Recording apparatus. 2,330,082; Sept. 21.
- Sidell, Philip A., assignor to Outboard, Marine & Manufacturing Company, Galesburg, Ill. Condensing radiator system for refrigerator installations. 2,318,891; May 11.
- Sidl, Albert A., assignor to New York & Brooklyn Casket Co., Brooklyn, N. Y. Handle for caskets, etc. 2,334,682; Nov. 16.
- Sidnell, Albert E. (See Casey, T. W., and Sidnell.)
- Siebel, Friedrich W., Burscheid, Germany; vested in the Alien Property Custodian. Machine part subjected to sliding surfaces. 2,320,635; Sept. 28.
- Siebenlist, Anthony G., assignor to Milcor Steel Company, Milwaukee, Wis. Ventilator. 2,309,717; Feb. 2.
- Siebert, Adam J. (See Schultz, R. H., and Siebert.)
- Siebert, Berta. (See Kipphan, E., and Siebert.)
- Siedle, Arnold D., Canton, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,307,165; Jan. 6.
- Siedle, Arnold D., Canton, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,310,875; Feb. 9.
- Siedle, Arnold D., Canton, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,315,356; Mar. 30.
- Siedschlag, Karl G., Kent, Ohio, assignor to American Hard Rubber Company, New York, N. Y. Hinge. 2,331,512; Oct. 12.
- Sieffert, Frank W., Chicago, Ill. Shower cabinet. 2,308,571; Jan. 19.
- Siefken, George R., New York, N. Y. Humidifier. 2,323,158; June 29.
- Siefken, Werner, Cologne, and A. Doser, Cologne-Mulheim, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Isocyanates. 2,326,501; Aug. 10.
- Sieg, Herman F., Pittsburgh, Pa. Path-making device. 2,315,743; Apr. 6.
- Sieg, Herman F., Pittsburgh, Pa. Cutting and scraping device. 2,326,502; Aug. 10.
- Sieg, Karl, Philadelphia, Pa., assignor to S. M. Langston Co. Tube cutoff mechanism. 2,326,978; Aug. 17.
- Sieg, Karl, Philadelphia, Pa., assignor to Samuel M. Langston Co. Slotting machine. 2,333,592; Nov. 2.
- Siegel, Bertram L., San Francisco, Calif. Method and device for handling stacks of resilient articles. 2,309,795; Feb. 2.
- Siegel, Chester A., Newark, N. J., assignor to American Arch Company, New York, N. Y. Locomotive firebox. 2,335,801; Nov. 30.
- Siegel, Chester A., Newark, N. J., assignor to American Arch Company, New York, N. Y. Equipment for locomotive fireboxes. 2,335,802; Nov. 30.
- Siegel, Chester A., Newark, N. J., assignor to American Arch Company, New York, N. Y. Locomotive firebox. 2,335,803; Nov. 30.
- Siegel, Chester A., Newark, N. J., assignor to American Arch Company, New York, N. Y. Locomotive firebox equipment. 2,336,576; Dec. 14.
- Siegel, Ernst F., Elizabeth, N. J., assignor to Reichhold Chemicals, Inc., formerly Beck, Koller & Company, Inc., Detroit, Mich. Manufacturing alcohol modified urea formaldehyde resins. 2,322,979; June 29.
- Siegel, Harry P., Brooklyn, N. Y. Dental tumbler supply valve and. 2,336,132; Dec. 7.
- Siegelman, George A. (See Hafner, H. J., Siegelman, and von Fuchs.)
- Siegenthaler, Walter, assignor to Maschinenfabrik Schärer, Erlenbach, Zurich, Switzerland. Spool transfer device for winding machines. 2,314,020; Mar. 16.
- Siegenthaler, Walter, assignor to the firm Maschinenfabrik Schärer, Erlenbach, near Zurich, Switzerland. Winding machine having a plurality of winding spindles. 2,316,462; Apr. 13.
- Siegenthaler, Walter, assignor to Maschinenfabrik Schärer, Erlenbach, Zurich, Switzerland. Cop winding machine. 2,329,302; Sept. 14.
- Sieger, Tesse. (See Dine, N., and Bloomberg, assignors.)
- Siegerist, Walter, St. Louis, Mo. Multicyclic straightening, sizing and polishing machine. 2,314,953; Mar. 30.
- Siegerist, Walter, University City, Mo. Machine for straightening, sizing, and polishing tubes and rods. 2,334,886; Nov. 23.
- Siegerist, Walter, University City, Mo. Article handling mechanism. 2,334,887; Nov. 23.
- Siegling, Elmer W., Cleveland, Ohio, assignor, by mesne assignments, to Power Research Corporation, Boston, Mass. Fabricating piston rings. 2,311,785; Feb. 23.
- Siegmann, Friedrich, Frankfurt-on-the-Main, Germany; vested in the Alien Property Custodian. Production of sodium and potassium hydride. 2,313,028; Mar. 2.
- Siegmund, Humphreys O. (See Mallina, R. F., and Siegmund.)
- Siekmann, Harold J. (See Groene, W. F., and Siekmann.)
- Siemens, Alfred, Berlin-Charlottenburg, and H. von Bertele, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Anode bushing for metal-vapor arc converters. 2,308,939; Jan. 19.
- Siemens, Alfred, Berlin-Charlottenburg, H. von Bertele, many; vested in the Alien Property Custodian. Vapor electric device. 2,313,029; Mar. 2.
- Siemens Brothers & Co. Limited. (See Mole, John H., assignor.)
- Siemund, Herman, assignor to Greenview Manufacturing Company, Chicago, Ill. Stick handling mechanism. 2,321,632; June 15.
- Sieve, Bernard R., Chicago, Ill. Garment display device. 2,329,006; Sept. 7.
- Sievers, Rola G., Valparaiso, Ind. Sales promotion apparatus. 2,308,723; Jan. 19.
- Sieverts, William C., Quincy, and H. W. Holt, Pembroke, Mass. Hydraulically releasable mechanism for life rafts and the like. 2,336,967; Dec. 14.
- Siewert, Herbert P., Waukegan, Ill. Remote metering system. 2,312,491; Mar. 2.
- Sigford, Robert H., J. D. Osche, and F. J. Solms, assignors to Armour and Company, Chicago, Ill. Recovering bilirubin. 2,331,574; Oct. 12.
- Sigford, John V. (See Gille, W. H., and Sigford.)
- Sigford, John V. (See Gille, W. H., Sigford, and Miller.)
- Sigler, Laurence M., St. Louis, Mo., assignor of one-third to K. E. Gill and one-third to J. C. Gill, San Francisco, Calif. Machine for opening eggs and separating the contents. 2,314,741; Mar. 23.
- Sigloch, Louis C., Yonkers, and C. W. Lund, Brooklyn, assignors to Johns-Manville Corporation, New York, N. Y. Wall assembly. 2,316,980; Apr. 20.
- Sigmund, Frank J., and W. S. Hlavin, Cleveland, Ohio. Control mechanism. 2,326,804; Aug. 17.

- Sigmund, Miroslav, Gosforth, Newcastle-on-Tyne, England. Filter. 2,322,548; June 22.
- Signage, Frank K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of a cyanomilino compound. 2,307,643; Jan. 5.
- Signal Engineering & Manufacturing Company. (See Cypher, Hugo F., assignor.)
- Signal Engineering & Manufacturing Company. (See Terjesen, Telford A., assignor.)
- Signal Engineering & Manufacturing Company. (See Wheelock, John H., assignor.)
- Signal Engineering & Manufacturing Company. (See Wheelock, J. H., and Cypher, assignors.)
- Signal Service Corporation. (See Diebold, Anton, assignor.)
- Signal Service Corporation. (See Haggart, John C., Jr., assignor.)
- Signal Service Corporation. (See Patton, Frank L., assignor.)
- Signal Steel Strapping Company. (See Leslie, John H., II, assignor.)
- Signal Steel Strapping Company. (See Moon, John M., assignor.)
- Skoda, Victor J., Great Neck, assignor to Man Sew Corporation, New York, N. Y. Spaced tufting machine. 2,333,689; Nov. 9.
- Silvonen, Emil W., and M. Pahlkonen, Detroit, Mich., assignors to Quad Manufacturing Company, Flexible door and mechanism for operating the same. 2,311,703; Feb. 23.
- Silen, Frank, Baltimore, Md. Closing and cleaning attachment for extensible window screens. 2,334,150; Nov. 16.
- Sikes Company, The. (See Herold, Walter F., assignor.)
- Sikes, Samuel T., Jr., Houston, Tex., assignor to Standard Oil Development Company. Rate-of-penetration indicator. 2,327,072; Sept. 28.
- Sikes, Samuel T., Jr., Houston, Tex., assignor to Standard Oil Development Company. Direct reading rate-of-penetration meter. 2,330,753; Sept. 28.
- Sikorsky, Igor I., Trumbull, assignor to United Aircraft Corporation, East Hartford, Conn. Direct-lift aircraft. 2,318,250; May 4.
- Sikorsky, Igor I., Trumbull, assignor to United Aircraft Corporation, East Hartford, Conn. Helicopter and controls therefor. 2,318,260; May 4.
- Silen, Erick, Kelso, Wash. Viola piano. 2,327,072; Aug. 17.
- Silent Glow Oil Burner Corporation, The. (See Smith, G. C., and Carlborg, assignors.)
- Silent Sioux Oil Burner Corporation. (See Grotenhouse, James T., assignor.)
- Silfen, Alfred, Berkeley, Ill. Lawn mower sharpener. 2,327,827; Aug. 24.
- Sillex Company, The. (See Bassett, Edward H., assignor.)
- Sillex Company, The. (See Lucia, Louis V., assignor.)
- Sillex Company, The. (See Wolcott, Frank E., assignor.)
- Silhavy, John F., Chicago, Ill. Heating and treating work. 2,322,749; June 29.
- Silk, Charles E., Alton, assignor to Western Cartridge Company, East Alton, Ill. Propellant powder. 2,335,804; Nov. 30.
- Silk, Charles E., assignor to Western Cartridge Company, East Alton, Ill. Propellant powder process. 2,337,943; Dec. 28.
- Sillars, George S., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Stacking apparatus. 2,323,359; July 6.
- Sillers, Thomas G. A. (See Michael, J. H., and Silfers.)
- Silley, Arthur J. (See Unthank, G. R., and Silley.)
- Sillimanite, P. B. Company, Limited. (See Lucas, A. R., and Wagner, assignors.)
- Sillman, Ilon M. (See Sillman, William A. and Ilon M.)
- Sillman, William A., and I. M. Sillman, New York, N. Y. Palette. 2,310,752; Feb. 9.
- Sills, Gladys. (See LaBelle, D., Sills, and Stefano.)
- Silva, Frank C., San Jose, Calif. Fruit halving and pitting. 2,313,898; Mar. 16.
- Silva, Frank C., San Jose, Calif. Grape stemmer. 2,318,805; May 11.
- Silva, Fred P., Los Angeles, Calif. Football kicking trainer. 2,316,994; Apr. 20.
- Silven, Herbert A. (See Flygare, C. G., and Silven.)
- Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Grinding machine steady rest. 2,324,958; July 20.
- Silver, Charles, deceased, by L. Silver, Wauwatosa, administratrix, assignor to H. F. Johnson, and R. Ochs, Milwaukee, Wis. Sheet trimmer. 2,327,223; Aug. 17.
- Silver, Leah, administratrix. (See Silver, Charles.)
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister. 2,310,602; Feb. 9.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister. 2,318,561; May 4.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Multiple hitch device. 2,310,751; May 18.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Damming cultivator. 2,319,899; May 25.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister. 2,323,278; June 29.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Listed corn cultivator. 2,323,683; July 6.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister. 2,325,278; July 27.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Gauging and lifting mechanism for implements. 2,328,173; Aug. 31.
- Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister. 2,328,174; Aug. 31.
- Silver, Walter H., and J. I. Cantral, assignors to Deere & Company, Moline, Ill. Damming device. 2,318,562; May 4.
- Silver Globe Corporation, The. (See Busi, Marion, assignor.)
- Silverman, Charles, Providence, R. I. Collar holder. 2,335,805; Nov. 30.
- Silverman, Daniel, Tulsa, Okla., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ignition system. 2,322,341; July 6.
- Silverman, Daniel, assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Differential radioactivity logging. 2,332,873; Oct. 26.
- Silverman, Isador, Newark, N. J., assignor to L. Sonneborn Sons, Inc. Pour point depressant for lubricating oils. 2,308,116; Jan. 12.
- Silverman, Jacob, New York, N. Y. Fabric edge-folding and pressing device. 2,317,817; Apr. 27.
- Silverman, Jacob Z., Brooklyn, N. Y. Curtain hook and installation. 2,320,308; May 25.
- Silverman, Ralph, Pittsburgh, Pa. Electric power megaphone system. 2,314,108; Mar. 16.
- Silverman, Sidney, Providence, R. I. Fingernail guard. 2,328,854; July 6.
- Silvers, Eric, Newark, N. J. Apparatus for dyeing wool. 2,308,784; Jan. 19.
- Silverstone, Samuel N., Bridgeport, Conn. Fluid drive. 2,311,580; Feb. 16.
- Silvey, Edwin C., Jamaica, N. Y. Internal combustion engine. 2,317,946; Apr. 27.
- Silvest, Charles, Taunton, Mass. Hair curler. 2,318,072; May 11.
- Simeone, Louis, San Jose, Calif. Ship guard. 2,323,853; July 6.
- Simson, Allen L. (See Bergin, W. M., and Simson.)
- Simson, Allen L., Newark, Ohio, assignor to Owens-Corning Fiberglass Corporation. Making parallel fiber units. 2,311,704; Feb. 23.
- Simms, Albert L., Newark, Ohio, assignor to Owens-Corning Fiberglass Corporation. Coated glass fiber strand. 2,323,684; July 6.
- Simson, Allen L., Newark, Ohio, assignor to Owens-Corning Fiberglass Corporation. Making parallel fiber filters. 2,328,302; Aug. 31.
- Simkins, Stephen V. R., Scotia, and E. E. Harris, Waterbury, N. Y., assignors to General Electric Company. Elastic fluid turbine arrangement. 2,322,598; June 22.
- Simmon, Alfred, Long Island City, N. Y., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. X-ray apparatus. 2,311,581; Feb. 16.
- Simmon, Alfred, Jackson Heights, assignor to Simmon Brothers Inc., Long Island City, N. Y. Focal plane shutter for cameras. 2,315,279; Mar. 30.
- Simmon Brothers Inc. (See Simmon, Alfred, assignor.)
- Simmonds Development Corporation Limited. (See Allam, Philip S., assignor.)
- Simmonds Oliver E., London, England, assignor to Tinnerman Products, Inc., Cleveland, Ohio. Spring plunger. 2,317,946; May 12.
- Simmonds, Oliver E., Ripley, England. Self-locking nut and like internally screw-threaded member. 2,324,731; July 20.
- Simmons, Arthur W. (See Kershaw, A. G., and Simmons.)
- Simmons Company. (See Bayer, Matthew F., assignor.)
- Simmons, Edward E. (See Walker, C. P., and Simmons.)
- Simmons, Edward E., Jr., Pasadena, Calif. Strain responsive apparatus. 2,316,263; Apr. 13.
- Simmons, Edward E., Jr., Pasadena, Calif. Explosion pressure gauge. 2,327,935; Aug. 24.
- Simmons, Frank L., Woonsocket, R. I. Permanent magnet chuck. 2,319,270; May 18.
- Simmons, Harry C., Davenport, Iowa. Blade making and resharpening machine. 2,312,270; Feb. 23.
- Simmons, James T., assignor to one to C. J. Boyer, Orlando, Fla. Garment case. 2,325,806; Aug. 3.
- Simmons, John W., Cleveland Heights, Ohio. Hopper front box. 2,308,030; Jan. 12.
- Simmons, John W., Cleveland Heights, Ohio. Resilient fastener. 2,328,587; Sept. 7.
- Simmons, Leon E., Claremont, N. H., assignor to Sullivan Machinery Company. Kerf cutting apparatus. 2,324,033; July 13.
- Simmons, Leon E., Claremont, N. H., assignor to Sullivan Machinery Company. Transmission mechanism. 2,335,318; Nov. 30.
- Simmons, Norwood L., assignor to Eastman Kodak Company, Rochester, N. Y. Colloidal carbon antihalation layer. 2,327,828; Aug. 24.
- Simmons, Norwood L., assignor to Eastman Kodak Company, Rochester, N. Y. Antistatic photographic film. 2,331,739; Oct. 12.
- Simms, Eldon E., Towson, assignor to The Glenn L. Martin Company, Middle River, Md. Nonlosable nut. 2,324,175; July 13.
- Simms Motor Units Limited. (See Moran, Martin C., assignor.)
- Simon, Albert B., Bellerose, N. Y. Tapping and cooling device. 2,331,001; Oct. 5.
- Simon-Carves Limited. (See Hirst, Arthur A., assignor.)

- Simon, Cy I., Chicago, Ill., now by judicial change of name to Cyrus Swift. Shoe heel. 2,312,197; Feb. 23.
- Simon, Emil J., New York, and E. J. Hefele, Amityville, assignors to Radio Navigational Instrument Corporation, New York, N. Y. Radio direction finder. 2,318,338; May 4.
- Simon, I. A. (See Briggs, Merton B., assignor.)
- Simon, Irene, et al. (See Peyton, Edward S., assignor.)
- Simon, Ralph. (See Simon, R., and Lurrain, assignor.)
- Simon, Ralph, New York, and N. M. Lurrain, Jackson Heights, N. Y., said Lurrain, assignor to said Simon. Pocket display folder. 2,329,007; Sept. 7.
- Simon, Ralph W., Wyndmoor, Pa., assignor to Globe Hoist Company, Des Moines, Iowa. Hydraulic hoist. 2,336,808; Dec. 14.
- Simonds Saw and Steel Co. (See Pavitt, Harry A., assignor.)
- Simonds, Warren J., assignor to Rodney Hunt Machine Company, Orange, Mass. Fulling mill. 2,307,167; Jan. 5.
- Simonds, Warren J., assignor to Rodney Hunt Machine Company, Orange, Mass. Tank construction. 2,316,296; Apr. 13.
- Simoneau, Charles B., Lynn, Mass. Automatic air vent valve for hot water systems. 2,331,431; Oct. 12.
- Simoneaux, Harry G. (See Galiano, Julian S., assignor.)
- Simons, Aaron, Bronx, N. Y. Apparatus for shaping and polishing diamond discs. 2,325,713; Aug. 3.
- Simons, Eric J. (See Buxton, L. O., and Simons.)
- Simons, Eric J., New York, N. Y., and Loran O. Buxton, Belleville, assignors to National Oil Products Company, Harrison, N. J. Stabilization of fat-soluble vitamins. 2,331,432; Oct. 12.
- Simons, Francis L., Montclair, assignor to George La Masse & Son, Nutley, N. J. Safety paper and making same. 2,331,575; Oct. 12.
- Simons, John K., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Resin. 2,313,678; Mar. 9.
- Simons, Leon, New York, N. Y. Coating metal. 2,320,801; June 1.
- Simons, Morris, Ridgefield, Conn. Apparatus for manufacturing wire. 2,332,609; Oct. 26.
- Simonsen, Lloyd D. (See Bruning, W., and Simonsen.)
- Simonsen, Sigvard, Butler, Pa., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,307,862; Jan. 12.
- Simonsen, Sigvard, Butler, Pa., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,314,954; Mar. 30.
- Singer, Eugene, New York, N. Y. Window cleaner. 2,313,367; Mar. 9.
- Simplex Time Recorder Co. (See Deane, H. N., and Dell, assignors.)
- Simplex Time Recorder Co. (See Ruttiman, A., and Deane, assignors.)
- Simplex Wrapping Machine Co. (See Gaubert, Rene J., assignor.)
- Simplex Wrapping Machine Co. (See Piazze, T. E., and Hanson, assignors.)
- Simplicity Engineering Company. (See Behnke, G. W., Westcott, and Sandula, assignors.)
- Simpson, Albert. (See Willis, F. W., and Simpson.)
- Simpson, Albert H. (See Allan, G. W., and Simpson.)
- Simpson, Arthur G. (See Jones, C. R., and Simpson.)
- Simpson, Arthur M., St. Louis, Mo., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe-making apparatus. 2,332,019; Oct. 19.
- Simpson, Earl W., Walton, N. Y. Spray gun. 2,322,165; June 15.
- Simpson, Emory G., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Optional safety handle for locks for automobile bodies. 2,311,094; Feb. 16.
- Simpson, Emory G., assignor to General Motors Corporation, Detroit, Mich. Power operated window regulator. 2,311,972; Feb. 23.
- Simpson, Emory G., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Releaseable window regulator clutch. 2,314,429; Mar. 23.
- Simpson, Emory G., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Window regulator. 2,317,490; Apr. 27.
- Simpson, Emory G., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Power operated window regulator. 2,317,697; Apr. 27.
- Simpson, George G. (See Mason, W. H., Boehm and Simpson.)
- Simpson, Glenn W. (See Cowles, H. A., and Simpson.)
- Simpson, Henry A. (See Pecker, J. S., and Simpson.)
- Simpson, Henry A., Philadelphia, Pa., assignor to Machine and Tool Designing Company. Incendiary bomb. 2,323,426; July 6.
- Simpson, Henry A., Philadelphia, and A. E. Larsen, Jenkintown, Pa., assignors to Machine and Tool Designing Company. Ski rigging for aircraft. 2,315,098; Mar. 30.
- Simpson, Herbert S. (See Dvorak, James J., assignor.)
- Simpson, Homer H., Woodside, N. Y. Spring collet. 2,335,974; Dec. 7.
- Simpson, Howard W., and A. Abgarian, assignors to Detroit Harvester Company, Detroit, Mich. Side mower for tractors. 2,311,095; Feb. 16.
- Simpson, James S., assignor to Columbian Rope Company, Auburn, N. Y. Sewing thread. 2,332,020; Oct. 19.
- Simpson, John M., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,328,104; Aug. 31.
- Simpson, John M., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch control. 2,328,303; Aug. 31.
- Simpson, R. A., Manufacturing Company. (See Charlton, John M., assignor.)
- Simpson, Roy L. (See Lebo, W. H., and Simpson.)
- Simpson, Thomas P., J. W. Payne and J. A. Crowley, Jr., assignors to Socony-Vacuum Oil Company, Incorporated. Catalytic conversion. 2,320,318; May 25.
- Simpson, Thomas P., John W. Payne and J. A. Crowley, Jr., Woodbury, and C. S. Teitsworth, Plainfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. New York, N. Y. Converting petroleum and like oils. 2,329,668; Sept. 14.
- Simpson, Thomas P., J. W. Payne, and J. A. Crowley, Jr., Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. New York, N. Y. Method and apparatus for catalytic conversion. 2,331,433; Oct. 12.
- Simpson, Thomas P., J. W. Payne, and J. A. Crowley, Jr., Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. Catalytic conversion. 2,336,041; Dec. 7.
- Simpson, Thomas P., J. W. Payne, and J. A. Crowley, Jr., Woodbury, and C. S. Teitsworth, Plainfield, N. J., assignors to Socony-Vacuum Oil Company, Incorporated. New York, N. Y. Converting hydrocarbon oils. 2,338,063; Dec. 28.
- Simpson, Walter R., Lansdowne, and C. E. Stewart, Upper Darby, Pa., assignors to General Electric Company. Control system. 2,325,432; July 27.
- Simpson, Walter R., and H. Howorth, Pearisburg, Va., assignors to Celanese Corporation of America. Fiber treatment. 2,337,068; Dec. 21.
- Simpson, Walter W., San Antonio, Tex. Bandage apparatus. 2,319,639; May 18.
- Simpson, William K., assignor to Hoffman Specialty Company, Waterbury, Conn. Adaptor for vent valves. 2,320,104; May 25.
- Slms, Joseph A., J. B. Spurlock, and W. A. Lewis, Jr., Houston, Tex.; said Spurlock assignor to said Slms and said Lewis, Jr. Claim. 2,312,289; Feb. 23.
- Simson, Wilhelm. (See Hoffmann, R., and Simson.)
- Simonds, Oscar, Milton, N. Dak. Ice creeper. 2,317,647; Apr. 27.
- Sincerbeaux, Chauncey M., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Transfer mechanism for accumulators. 2,326,401; Aug. 10.
- Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming brake drums. 2,332,175; Oct. 19.
- Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,337,779; Dec. 28.
- Sinclair, Edward H., Jr. (See Loudon, J. E., and Sinclair.)
- Sinclair, Frank E., Claremont, N. H., assignor to Sullivan Machinery Company. Controlling mechanism. 2,312,366; Mar. 2.
- Sinclair, Frank E., Claremont, N. H., assignor to Sullivan Machinery Company. Feeding mechanism. 2,316,192; Apr. 13.
- Sinclair, Harold, Kensington, London, England. Rotary power transmission mechanism. 2,320,758; June 1.
- Sinclair, Harold, London, and R. C. Clerk, Egham, assignors to Hydraulic Couplings Patents Limited, London, England. Positive synchrosliding coupling mechanism for power transmission. 2,320,757; June 1.
- Sinclair Refining Company. (See Barth, Edwin J., assignor.)
- Sinclair Refining Company. (See Campbell, Oliver F., assignor.)
- Sinclair Refining Company. (See Chenault, W. B., and Miller, assignors.)
- Sinclair Refining Company. (See Finley, W. L., Kleinholz, and Watkins, assignors.)
- Sinclair Refining Company. (See Haney, Stanley C., assignor.)
- Sinclair Refining Company. (See Kuhn, George F., assignor.)
- Sinclair Refining Company. (See Kuhn, Herman C., assignor.)
- Sinclair Refining Company. (See Martin, Edward J., assignor.)
- Sinclair Refining Company. (See Milligan, Verba A., assignor.)
- Sinclair Refining Company. (See Robertson, H. J., and Visher, assignors.)
- Sinclair Refining Company. (See Shoemaker, William E., assignor.)
- Sinclair Refining Company. (See Teter, John W., assignor.)
- Sinclair, Roy, New York, N. Y. Thread receiver and remover. 2,311,481; Feb. 16.
- Sindler, Jay J., Boston, Mass. Retainer. 2,326,693; Aug. 10.
- Singer, Grover C., Brownsville, Tex. Incandescent electric lamp. 2,315,549; Apr. 6.
- Singer Manufacturing Company, The. (See Ackerman, James E., assignor.)
- Singer Manufacturing Company, The. (See Becker, Rudolph, assignor.)

- Singer Manufacturing Company, The. (See Brady, William H., assignor.)
- Singer Manufacturing Company, The. (See Clayton, Andrew B., assignor.)
- Singer Manufacturing Company, The. (See Collins, William M., assignor.)
- Singer Manufacturing Company, The. (See Denman, Earl W., assignor.)
- Singer Manufacturing Company, The. (See Enos, John P., assignor.)
- Singer Manufacturing Company, The. (See Frey, Irvin J., assignor.)
- Singer Manufacturing Company, The. (See Fuge, Harry B., assignor.)
- Singer Manufacturing Company, The. (See Graesser, David A., assignor.)
- Singer Manufacturing Company, The. (See Gunther, Hermann, assignor.)
- Singer Manufacturing Company, The. (See Hacklander, Hans, assignor.)
- Singer Manufacturing Company, The. (See Hale, Arthur N., assignor.)
- Singer Manufacturing Company, The. (See Heggie, James, assignor.)
- Singer Manufacturing Company, The. (See Herr, Park A., assignor.)
- Singer Manufacturing Company, The. (See Hofgesang, William, assignor.)
- Singer Manufacturing Company, The. (See Karle, John D., assignor.)
- Singer Manufacturing Company, The. (See Karr, H. N., and Stewart, assignors.)
- Singer Manufacturing Company, The. (See Kessler, Charles A., assignor.)
- Singer Manufacturing Company, The. (See Kneessler, Walter, assignor.)
- Singer Manufacturing Company, The. (See Marsac, Leonard C., assignor.)
- Singer Manufacturing Company, The. (See McCann, Michael, assignor.)
- Singer Manufacturing Company, The. (See Myers, Walter, assignor.)
- Singer Manufacturing Company, The. (See Myslik, Otto, assignor.)
- Singer Manufacturing Company, The. (See Naul, James M., assignor.)
- Singer Manufacturing Company, The. (See Park, Malcolm S., assignor.)
- Singer Manufacturing Company, The. (See Parry, Frank, assignor.)
- Singer Manufacturing Company, The. (See Perkins, Kenneth, assignor.)
- Singer Manufacturing Company, The. (See Sailer, Rudolph J., assignor.)
- Singer Manufacturing Company, The. (See Spaine, Edward P., assignor.)
- Singer Manufacturing Company, The. (See Way, Donald D., assignor.)
- Singer Manufacturing Company, The. (See Way, D. D., Naul, and Schenk, assignors.)
- Singer Manufacturing Company, The. (See Wertz, James E., assignor.)
- Singer Manufacturing Company, The. (See Wood, Alfred R., assignor.)
- Singer Manufacturing Company, The. (See Zeler, Frederick F., assignor.)
- Singer Manufacturing Company, The. (See Zonis, Sydney, assignor.)
- Singer Manufacturing Company, The. (See Zonis, S., and Mely, assignors.)
- Singer, Vincent. (See Morse, A. W., and Singer.)
- Singleton, John H., Prattville, Ala. Spraying attachment for cultivators. 2,336,577; Dec. 14.
- Sink, Burson A., Benton Harbor, Mich. Propeller guard. 2,319,640; May 18.
- Sink and Floer Corporation, The. (See Pearson, Andrew, assignor.)
- Sink and Floer Corporation, The. (See Trostler, Frederick, assignor.)
- Sinkovitz, Joseph, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Collapsible platform for printing and other apparatus. 2,307,079; Jan. 5.
- Sininger, Dwight V., assignor to Johnson Laboratories, Inc., Chicago, Ill. Image suppression system. 2,312,935; Mar. 2.
- Sipyagin, Alexander S., and S. O. Shoemaker, Moscow, Union of Soviet Socialist Republics. Apparatus for continuous saccharification of starch. 2,337,688; Dec. 28.
- Sircland, Ivar E., St. Paul, Minn. Process and apparatus for producing intraosseous anesthesia. 2,317,648; Apr. 27.
- Sirius Corporation. (See Price, Nathan C., assignor.)
- Sirmay, Julius, assignor to Jacquard Knitting Machine Co., Philadelphia, Pa. Stitch-transferring device. 2,326,694; Aug. 10.
- Sirmay, Julius, assignor to Jacquard Knitting Machine Co., Inc., Philadelphia, Pa. Thread yarn feeder. 2,327,747; Aug. 24.
- Sisk, Carl F., and J. B. Morton, Jr., assignors to The American Traffic Register Company, Dayton, Ohio. Metering device and coin selector. 2,308,836; Jan. 19.
- Sisk, Fannie, assignor to one-half to E. R. Denny, Harrisburg, Ill. Thimble. 2,337,689; Dec. 28.
- Siskin, Harry, Los Angeles, Calif. Disappearing typewriter support. 2,331,576; Oct. 12.
- Sisson, Glen R., Pendleton, Ind. Mixture control for internal combustion engines. 2,309,419; Jan. 20.
- Sisson, Kenneth O., Dayton, Ohio, and C. E. Bowyer, assignors to Bendix Home Appliances, Inc., South Bend, Ind. Cleaning machine. 2,318,806; May 11.
- Sisson, Vinton E., assignor to Standard Railway Devices Company, Chicago, Ill. Refrigerator car construction. 2,311,073; Feb. 23.
- Sisulak, Michael S., Chicago, Ill., assignor to International Harvester Company, Mill. 2,326,886; May 11.
- Sitter, Evan L., McClean, Tex. Motor vehicle steering mechanism. 2,331,144; Oct. 5.
- Sitterson, Cephas B., Jr., and T. M. Berry, Schenectady, N. Y., assignors to General Electric Company. Metal detector. 2,337,352; Dec. 21.
- Sitz, Merrill M., et al. (See Snyder, John L., assignor.)
- Sitzer, Richard R., Cumberland, Md., assignor to Columbia Corporation of America. Production of textile materials. 2,325,153; July 27.
- Sitzler, Richard R., Cumberland, Md., assignor to Celanese Corporation of America. Products containing zein and making same. 2,331,434; Oct. 12.
- Sivander, Karl A. (See Lindblad, A. R., Wallden, and Sivander.)
- Silver, Chester A., United States Navy, assignor to Union Carbide and Carbon Corporation. Fluid pressure regulator. 2,318,721; May 11.
- Sivertsen, Gudmund, Brooklyn, N. Y. Rotary oil pump. 2,324,116; July 13.
- Sivil, Cecil S., Roselle, E. O. Liebig, North Arlington, and R. St. Clair Low, assignors to Baker & Company, Inc., Newark, N. J. Casting of metal alloys. 2,315,876; Apr. 6.
- Six, Willem, and F. de Fremery, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Trustees, Hartford, Conn. Telephone signal receiver. 2,336,768; Dec. 14.
- Sjoberg, Thor, Alhambra, assignor to one-half to N. H. Osburn, Pasadena, Calif. Motor vehicle. 2,322,477; June 22.
- Sjoberg, Tor E., Alameda, Calif. Brief case. 2,318,110; May 4.
- Sjogren, Knut R., Los Angeles, Calif. Collet chuck. 2,311,258; Feb. 16.
- Sjogren, Walter O., Worcester, Mass. Cylinder covering mechanism. 2,334,357; Nov. 16.
- Sjostrom, Robert L., Lawrence, Mass. Lobster cutter. 2,335,806; Nov. 30.
- Skagerberg, Ruteher, Penn Wynne, assignor to The Brown Instrument Company, Philadelphia, Pa. Drier control. 2,309,993; Feb. 2.
- Skagerberg, Ruteher, Penn Wynne, assignor to The Brown Instrument Company, Philadelphia, Pa. Apparatus for digester control. 2,336,646; Dec. 14.
- Skareen, Willard C., assignor to The Bingham Stamp- ing Company, Toledo, Ohio. Mechanism control. 2,308,898; Jan. 19.
- Skareen, Willard C., assignor to The Bingham Stamp- ing Company, Toledo, Ohio. Mechanism control. 2,308,899; Jan. 19.
- Skeats, Wilfred F., Lansdowne, Pa., assignor to General Electric Company. High frequency current shunt. 2,310,126; Feb. 2.
- Skeen, John R., Philadelphia, Pa., assignor to The United Gas Improvement Company. Treatment in gas distribution systems. 2,315,550; Apr. 6.
- Skeen, John R., Philadelphia, Pa., assignor to The United Gas Improvement Company. Treatment in gas distribution systems. 2,315,551; Apr. 6.
- Skeen, John R., Philadelphia, Pa., assignor to The United Gas Improvement Company. Treatment in gas distribution systems. 2,315,552; Apr. 6.
- Skeen, John R., Philadelphia, Pa., assignor to The United Gas Improvement Company. Treatment in gas distribution systems. 2,315,553; Apr. 6.
- Skeen, John R., Philadelphia, Pa., assignor to The United Gas Improvement Company. Treatment in gas distribution systems. 2,315,554; Apr. 6.
- Skeen, John R., Philadelphia, Pa., assignor to The United Gas Improvement Company. Treatment in gas distribution systems. 2,315,555; Apr. 6.
- Skeen, John R., Philadelphia, Pa., assignor to The United Gas Improvement Company. Treatment of gas distribution systems. 2,316,140; Apr. 6.
- Skehan, Joseph W., and G. J. Agule, Stamford, assignors to Macchett Laboratories Incorporated, Springfield, Conn. Vacuum tube apparatus. 2,315,280; Mar. 30.
- Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device circuits. 2,300,019; Jan. 19.
- Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,309,220; Jan. 26.
- Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal translating apparatus. 2,312,498; Mar. 2.
- Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic device. 2,320,756; June 1.

- Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device circuit. 2,329,792; Sept. 21.
- Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Space discharge device and circuits. 2,332,977; Oct. 26.
- Skelly Oil Company. (See Shaver, Ward, assignor.)
- Skelton, William E. (See Bruner, F. H., and Skelton.)
- Skelton, William E., E. E. Sessel, and A. R. Goldsby, Beacon, assignors, by mesne assignments to The Texas Company, New York, N. Y. Isomerization of hydrocarbons. 2,330,754; Sept. 28.
- Skene, Andrew A., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Air-cooled power amplifier. 2,324,034; July 13.
- Skeppstrom, Edwin J. (See Larson, E. S., and Skeppstrom.)
- Sköglund, Sölve, Malmö, and A. Lindström, Dvårsatt, Sweden. Camp kit. 2,329,422; Sept. 14.
- Skerl, Rudolph F. (See Dempsey, L. E., and Skerl.)
- Skeritt, Roy P., Detroit, Mich. Gravity feed control device. 2,314,802; Mar. 23.
- Skilsaw Inc. (See Burleigh, Arthur C., assignor.)
- Skinner, Clawson N., Whittier, Calif. Partial denture. 2,323,685; July 6.
- Skinner, Clifton R., San Francisco, Calif. Ribbon oscillograph. 2,309,994; Feb. 2.
- Skinner, Emory M. (See Hawks, R. C., and Skinner.)
- Skinner, John A. (See Nichols, H. J., and Tholstrup, and Skinner.)
- Skinner, Leo V. (See Losler, G. E., and Skinner.)
- Skinner, M. B., Company. (See Merrill, Patterson D., assignor.)
- Skinner, M. B., Company. (See Merrill, P. D., and McMurray, assignors.)
- Skinner, Percival B. (See Skinner, Raymond W.)
- Skinner, Ralph L. (See Kasten, Walter, assignor.)
- Skinner, Ralph L. (See Widmann, Will, assignor.)
- Skinner, Raymond W., and F. E. Tulsa, Okla. Wobbler flexible mounting for stuffing boxes. 2,318,428; May 4.
- Skivesen, Nils K. (See Eksergian, R., Horton, Morton, and Skivesen.)
- Sklar, David P., Brooklyn, assignor to Wilson Mechanical Instrument Co., Inc., New York, N. Y. Hardness tester. 2,333,747; Nov. 9.
- Sklar, Harry B., Los Angeles, Calif. Support for relatively movable parts. 2,321,708; June 15.
- Skog, Henry A. (See Ewald, R. L., and Skog.)
- Skoglund, Bert J. (See Doering, Charles and H. H., Skoglund, and Anderson.)
- Skoglund, Bert J. (See Doering, H. H., and Skoglund.)
- Skoning, John H., Central Falls, R. I. Molding equipment. 2,336,578; Dec. 14.
- Skook, Per F., Bellingham, Wash., assignor to Olympia Plywood Machinery Corporation. Patching veneer sheets. 2,336,703; Dec. 14.
- Skook, Per F., Bellingham, Wash., assignor to Olympia Plywood Machinery Corporation. Patching veneer sheets. 2,336,704; Dec. 14.
- Skowronski, Louis J., Colonia, N. J., assignor of one-half to The Winkler-Koch Patent Company, Wichita, Kans. Cracking process. 2,314,561; Mar. 23.
- Skröberg, Hans, Big Bend Township, Chippewa County, Minn. Wind-driven electric generator. 2,329,089; Sept. 7.
- Skulina, Raymond, Chicago, Ill. Bird's pulley lunch box. 2,316,463; Apr. 13.
- Skulky, Joseph, Trenton N. J. Control stick for aircraft. 2,317,618; Apr. 27.
- Skvortzoff, Alexander A., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer bushing. 2,315,666; Apr. 6.
- Skydyna Inc. (See Weill, M. K., and Mautner, assignors.)
- Slabkowitz, Louis L., assignor, by mesne assignments, to The Regents of the University of Michigan, Ann Arbor, Mich. Transferring heat by a heat exchange liquid. 2,314,636; Mar. 23.
- Slack, Alfred D. (See Nadeau, G. F., and Slack.)
- Slack, Alfred D. (See Nadeau, G. F., Slack, and Smith.)
- Slack, Charles M., Glen Ridge, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High voltage high current X-ray tube. 2,311,705; Feb. 23.
- Slack, Frederic W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle wheel suspension. 2,322,890; June 29.
- Slack, Frederic W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,324,732; July 20.
- Sladky, Joseph F. (See Wahlberg, N. E., Berry, and Sladky.)
- Sladky, Joseph F., Racine, assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Manual control device. 2,314,021; Mar. 16.
- Sladky, Joseph F., Racine, and F. F. Kishline, assignors to Nash-Kelvinator Corporation, Kenosha, Wis. Automobile frame. 2,335,546; Nov. 30.
- Slaght, William W., Rocky River, assignor to Cleveland Steel Products Corporation, Cleveland, Ohio. Oil burner electrode and mounting means therefor. 2,311,601; Feb. 16.
- Slagle, Edgar A., North Plainfield, N. J., assignor to Research Corporation, New York, N. Y. Coagulant and making same. 2,312,195; Feb. 23.
- Slagle, George H., assignor to The Beryllium Corporation, Temple, Pa. Drawing Be-containing alloys. 2,307,243; Jan. 5.
- Slater, C. B., Company. (See Fraher, W. T., and Slater, assignors.)
- Slater, Charles B. (See Fraher, W. T., and Slater.)
- Slater, Fred M., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Rotation mechanism for rock drills. 2,307,865; Jan. 12.
- Slater, Fred M., Phillipsburg, N. J., assignor to Ingersoll-Rand Company, New York, N. Y. Rock drill. 2,307,866; Jan. 12.
- Slater, John H., New York, N. Y. Shoe construction. 2,327,322; Aug. 17.
- Slater, Raymond E., New Rochelle, N. Y., assignor to Remington Arms Company, Inc. Tube drawing apparatus. 2,327,936; Aug. 24.
- Slater, Robert L., Chicago, Ill. Respirator. 2,314,955; Mar. 30.
- Slatis, Abraham, Chicago, Ill. Compression molding. 2,332,537; Oct. 26.
- Slautbaugh, William F., Wolford, N. Dak. Grain measuring device. 2,335,364; Nov. 30.
- Slaughter, George H., Benton Harbor, Mich. Gooseneck for containers. 2,310,714; Feb. 9.
- Slaughter, Samuel, assignor of one-half to Verlin T. Brown, Richmond, Ind. Side delivery wheelbarrow. 2,313,591; Mar. 9.
- Slavens, Philip, Maricopa County, Ariz. Optical instrument. 2,336,809; Dec. 14.
- Slavsky, John R. (See Shaw, R. J., and Slavsky.)
- Slayter, Games. (See Bennett, Willard H., assignor.)
- Slayter, Games. (See Bennett, W. H., and Meagher, assignors.)
- Slayter, Games. (See Thomay, John, assignor.)
- Slayter, Games, Newark, Ohio. Static eliminator. 2,333,213; Nov. 2.
- Slayter, Games, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Transparent composite material. 2,311,613; Feb. 16.
- Slayter, Games, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Felting fibrous glass. 2,331,145; Oct. 5.
- Slayter, Games, Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Felting glass fibers. 2,331,146; Oct. 5.
- Slayter, Games, Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Fibrous glass products. 2,332,273; Oct. 19.
- Slayter, Games, Newark, Ohio, assignor to Owens-Corning Fiberglas Corporation. Fiber forming apparatus. 2,332,274; Oct. 19.
- Slayter, Games, F. W. Atkinson, E. Fletcher, and H. V. Smith, Newark, assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Electric furnace. 2,314,956; Mar. 30.
- Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric heating of metal rod ends. 2,307,749; Jan. 12.
- Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric heating of metal rod ends. 2,307,750; Jan. 12.
- Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,326,074; Aug. 3.
- Slepian, Joseph, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power translating device. 2,327,971; Aug. 24.
- Slepian, Joseph, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power translating device. 2,333,593; Nov. 2.
- Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welder circuits. 2,337,842; Dec. 28.
- Sleeter, Edward B. (See Bradford, Z. C., Warner, and Sleeter.)
- Slevin, Julian B., Jr., Drexel Hill, Pa. Machine for making container carriers. 2,308,394; Jan. 12.
- Slevin, Julian B., Jr., Drexel Hill, Pa. Carrier for bottles and the like. 2,318,807; May 11.
- Slevin, Julian B., Jr., Drexel Hill, Pa. Carrier for containers. 2,322,396; June 22.
- Slezskinsky, Gregory N., Dunellen, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for connecting balanced and unbalanced networks in electrical systems. 2,332,610; Oct. 26.
- Slinger, Robert N., Glendale, Mo., assignor to General Electric Company. Regulator. 2,323,427; July 6.
- Sinn, Walter H., London, assignor to R. B. Pultin & Company Limited, Brentford, Middlesex, England. Stamp counting machine. 2,321,529; June 8.
- Sloan, Arthur W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanization of rubber. 2,323,940; July 13.
- Sloan, Clifford K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Protection of ferrous metals against corrosion. 2,333,206; Nov. 2.

- Sloan, Edward C. and A. H. Eberman, assignors to J. B. Hawley, Geneva, Ill. Filter and making the same. 2,337,574; Dec. 28.
- Sloan, Edward C. and A. H. Eberman, assignors to J. B. Hawley, Geneva, Ill. Apparatus for making filters and the like. 2,337,575; Dec. 28.
- Sloane-Blabon. (See Frederick, R. R., and Awot, assignors.)
- Sloane-Blabon. (See Frederick, W. B., and Kelly, assignors.)
- Sloane-Blabon. (See Gans, Fred W., assignor.)
- Sloane-Blabon. (See Weigle, W. C., and Kemmler, assignors.)
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining machine. 2,337,360; Jan. 12.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Feeder head for shaker conveyors. 2,318,805; May 11.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Loading device. 2,322,481; June 22.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,323,493; July 6.
- Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyor. 2,332,176; Oct. 19.
- Slocumb, F. F. Corporation. (See Stout, F. S., Bond, and Lachner, assignors.)
- Slocumb, Leith H., Los Angeles, Calif. Suppository. 2,333,342; Nov. 2.
- Slovovet, Isaac, Montreal, Quebec, Canada. Interchangeably mounting artificial teeth. 2,310,155; Feb. 2.
- Sloves, Howard I. (See Fudge, R. N., Onksen, and Sloves.)
- Slusky, Sam J., Sioux City, and A. F. Pfingsten, Rock Rapids, Iowa. Toy racing boat. 2,314,057; Mar. 16.
- Slovin, David G., Providence, R. I., assignor to United States Rubber Company, New York, N. Y. Making coreless golf balls. 2,319,163; May 11.
- Slupesky, Frank E. (See Tow, Albert H., assignor.)
- Slusher, Frank, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for vulcanizing endless belts. 2,327,586; Aug. 24.
- Slutsky, Joseph. (See Cordrey, Handell, and Duval, assignors.)
- Slyter, Ross E., and C. F. Maltby, Herkimer, N. Y. Base fitting for interior walls. 2,307,338; Jan. 5.
- Slye, Norman J. (See Vaughan, F. P., Krueger, Slye, and Engel.)
- Slye, Edward A., East Hartford, assignor to Veedler-Roy Incorporated, Hartford, Conn. Counter. 2,326,307; Dec. 7.
- Smak, Julius R., Bridgeport, Conn., assignor to Crane Co., Chicago, Ill. Automatic slow-up and stop mechanism. 2,307,426; Jan. 5.
- Small, Arthur E., Porter, Ind., assignor to Standard Railway Device Company, Chicago, Ill. Air circulating means for refrigerator cars. 2,331,002; Oct. 5.
- Small, Arthur E., Porter, Ind., assignor to Railway Metal Products Company, Chicago, Ill. Car door actuating mechanism. 2,336,442; Dec. 7.
- Small, Gertrude U. (See Strite, L., and Small.)
- Small, James A., Youngstown, assignor to Republic Steel Corporation, Cleveland, Ohio. Recovery of zinc dust. 2,332,403; Oct. 19.
- Small, William E., assignor of one-third to L. Bishop, Miami, Fla., and one-third to T. B. Lehon, Chicago, Ill. Shutter structure. 2,322,705; June 22.
- Smallen, Louis J., Los Angeles, Calif. Cooking range construction. 2,322,760; Oct. 26.
- Smallpeice, Cosby D. P. and C. E. Curzons, Marton, near Rugby, England; said Curzons assignor to said Smallpeice. Pressure-reducing valve unit. 2,322,480; June 22.
- Smart, Irving O., Portland, Maine. Cabinet construction. 2,316,632; Apr. 13.
- Smart, John S., Jr. (See Smith, A. A., Jr., and Smart, Jr.)
- Smart, Ralph F., St. Louis, Mo. Shade roller bracket. 2,320,804; June 1.
- Smart, Sidney K. (See Atwood, R. V., and Smart.)
- Smathers, James F., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,307,164; Jan. 5.
- Smathers, James F., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,315,744; Apr. 6.
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,307,168; Jan. 5.
- Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,335,460; Nov. 30.
- Smernis, John C., assignor to Miss O'Mist Products, Inc., Chicago, Ill. Vaporizing machine. 2,319,352; May 18.
- Smidth, F. L., & Co. (See Peterson, Louis S., assignor.)
- Smidth, F. L., & Co. (See Rasmussen, Enok V., assignor.)
- Smidth, F. L., & Co. (See Svendsen, Ejnar, assignor.)
- Smidth, F. L., & Co. (See Vogel-Jorgensen, Mikael, assignor.)
- Smith, Leonard, Houston, Tex. Making urea-formaldehyde molding compositions and products therefrom. 2,329,172; Sept. 7.
- Smilie, Robert H. (See Perrelli, J., and Smilie.)
- Smirn, Rodie, New York, N. Y. Maternity garment. 2,313,399; Mar. 9.
- Smirl, Richard L. (See Nutt, H., and Smirl.)
- Smirl, Richard L., Bellwood, assignor to Borg-Warner Corporation, Chicago, Ill. Transmission. 2,324,733; July 20.
- Smirl, Richard L., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Hydrodynamic torque transmitting device with molded plastic rotor. 2,328,175; Aug. 31.
- Smitt, J. K., & Sons, Inc. (See Kuzmick, Paul L., assignor.)
- Smith, A. O., Corporation. (See Crawford, William E., assignor.)
- Smith, A. O., Corporation. (See Floyd, John M., assignor.)
- Smith, A. O., Corporation. (See Gruetjen, Frederick A., assignor.)
- Smith, A. O., Corporation. (See Heath, William C., assignor.)
- Smith, A. O., Corporation. (See Helmenau, Warren F., assignor.)
- Smith, A. O., Corporation. (See Jaeckel, Adolph C., assignor.)
- Smith, A. O., Corporation. (See Kepler, William R., assignor.)
- Smith, A. O., Corporation. (See Lauek, Francis W., assignor.)
- Smith, A. O., Corporation. (See Limpel, Eugene J., assignor.)
- Smith, A. O., Corporation. (See McDermott, Walter J., assignor.)
- Smith, A. O., Corporation. (See Mulke, Sven, assignor.)
- Smith, A. O., Corporation. (See Martin, Wesley G., assignor.)
- Smith, A. O., Corporation. (See Nilson, Eric H., assignor.)
- Smith, A. O., Corp. (See Stresau, Richard, assignor.)
- Smith, A. O., Corporation. (See Sherman, Donald W., assignor.)
- Smith, A. O., Corporation. (See Strothman, Edmund P., assignor.)
- Smith, A. O., Corporation. (See Tiedemann, Julius B., assignor.)
- Smith, A. O., Corporation. (See Uecker, Otto E., assignor.)
- Smith, A. O., Corporation. (See Westin, Sven, assignor.)
- Smith, A. O., Corporation. (See Westin, S. and A., assignors.)
- Smith, A. O., Corporation. (See Yost, Lloyd, assignor.)
- Smith, Albert A., Goshen, Ind., assignor to Rockford Metal Specialty Company, Rockford, Ill. Ash tray. 2,307,945; Jan. 5.
- Smith, Albert A., Jr., Metuchen, and J. S. Smart, Jr., Scotch Plains, assignors to American Smelting and Refining Company, New York, N. Y. Treating copper and product thereof. 2,327,378; Aug. 24.
- Smith, Albert E. (See Archibald, R. C., and Smith.)
- Smith, Albert H. (See Christen, G., and Smith.)
- Smith, Albert K. (See Prutton, C. F., and Smith.)
- Smith, Albert L., assignor to Artistic Potteries, Inc., Los Angeles, Calif. Frog or flower holder for bowls. 2,332,352; Oct. 19.
- Smith, Alexander, Macon, Ga. Holst attachment. 2,329,008; Sept. 7.
- Smith, Alexander A. (See Sedore, J., and Smith.)
- Smith, Alfred, Burnaby, British Columbia, Canada, assignor to J. H. Bluechel, Vancouver, British Columbia, Dominion of Canada. Building construction. 2,326,503; Aug. 10.
- Smith, Alfred F., Sr., Scarsdale, N. Y. Circular shoe heel. 2,313,368; Mar. 9.
- Smith, Alton P., assignor of one-half to P. T. Cantrell, Wichita, Kans. Flatiron holder. 2,311,974; Feb. 23.
- Smith, Alva T., assignor to The Sunlite Mfg. Company, Milwaukee, Wis. Ironing pad. 2,320,249; May 25.
- Smith, Anthony N., and J. Bonnett, Girard, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Toy gun. 2,313,400; Mar. 9.
- Smith, Arthur E., Los Angeles, Calif. Ampoule. 2,313,483; Mar. 9.
- Smith, Arthur E., Los Angeles, Calif. Hypodermic syringe. 2,313,484; Mar. 9.
- Smith, Arthur E., Los Angeles, Calif. Hypodermic syringe construction. 2,317,558; Apr. 27.
- Smith, Arthur E., Los Angeles, Calif. Syringe. 2,323,159; June 29.
- Smith, Arthur E., Los Angeles, Calif. Ampoule construction. 2,337,354; Dec. 21.
- Smith, Arvid, Los Angeles, Calif. Quick release gun holder. 2,316,995; Apr. 20.
- Smith, August C., assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Material handling apparatus. 2,334,223; Nov. 16.
- Smith, Azel V., Des Moines, Iowa. Fan belt tool. 2,333,395; Nov. 2.
- Smith, Benjamin A., Rocky River, Ohio, assignor to The C. O. Bartlett & Snow Company. Apparatus for treating materials. 2,315,022; Mar. 30.

- Smith, Benjamin H., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermal demand meter. 2,323,732; July 6.
- Smith, Benjamin H., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical measuring device. 2,323,735; July 6.
- Smith, Benjamin H., Bloomfield, and W. M. Bradshaw, Summit, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Measuring instrument. 2,331,241; Oct. 5.
- Smith, Benjamin M. (See Ruder, W. E., and Smith.)
- Smith, Bernard P., Los Angeles, Calif. Strainer for plumbing fixture drains. 2,331,055; Oct. 5.
- Smith, Bert, Tennecke, and C. Ringel, Hawthorne, N. J., assignors to The Superheater Company, New York, N. Y. Superheater header. 2,325,554; July 27.
- Smith, Blakely, Houston, Tex. Ship launching ways assemblage. 2,334,794; Nov. 23.
- Smith, Burgess W., assignor to The Todd Company, Inc., Rochester, N. Y. Safety paper and preparing the same. 2,313,592; Mar. 9.
- Smith, Burgess W., assignor to The Todd Company, Inc., Rochester, N. Y. Safety paper and method of making same. 2,329,143; Sept. 7.
- Smith, Burgess W., assignor to The Todd Company, Inc., Rochester, N. Y. Protective paper and making same. 2,329,144; Sept. 7.
- Smith, Burton O., T. Fennett Square, Pa. Shipping carton. 2,318,973; May 11.
- Smith, Byron L., East Rochester, assignor to The Folmer Grafex Corporation, Rochester, N. Y. Photographic cut film holder and identifying stencil or tab therefor. 2,315,987; Apr. 6.
- Smith, Byron L., East Rochester, and V. E. Whitman, assignors to The Folmer Grafex Corporation, Rochester, N. Y. Cut film holder for photographic cameras. 2,326,075; Aug. 3.
- Smith, Carl F. (See Nadeau, G. F., and Smith.)
- Smith, Carleton N., Snyder, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Production of chromium trioxide. 2,335,365; Nov. 30.
- Smith, Charles B., and J. C. Johnson, Alton, Ill., assignor to Owens-Illinois Glass Company. Glass molding machine. 2,314,290; Mar. 16.
- Smith, Charles C., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,314,168; Mar. 16.
- Smith, Charles G., Medford, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Gaseous discharge device. 2,330,848; Oct. 5.
- Smith, Charles G., Medford, assignor to Raytheon Manufacturing Company, Newton, Mass. Low pressure controlled discharge device. 2,330,849; Oct. 5.
- Smith, Charles G., Medford, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical gaseous discharge lamp. 2,330,850; Oct. 5.
- Smith, Charles G., Medford, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electrical discharge device. 2,333,052; Oct. 26.
- Smith, Charles J., Schenectady, N. Y. Smoking pipe. 2,330,389; Sept. 28.
- Smith, Charles J., Schenectady, N. Y. Gauge. 2,330,453; Sept. 28.
- Smith, Charles M. (See Smith, S. H., Kalber, and Smith.)
- Smith, Charles T., Cleveland Heights, Ohio. Hose coupling. 2,322,168; June 15.
- Smith, Charles V. (See Williams, F. P., and Smith.)
- Smith, Charles V., assignor to The Univis Lens Company, Dayton, Ohio. Method of molding. 2,319,014; May 11.
- Smith, Charles V., assignor to The Univis Lens Company, Dayton, Ohio. Forming unbreakable lenses. 2,332,674; Oct. 26.
- Smith, Charles V., assignor to The Univis Lens Company, Dayton, Ohio. Thickness-shrinkage-controlled die assembly. 2,333,051; Oct. 26.
- Smith, Charley H., Pueblo, Colo. Automobile accessory seat. 2,308,315; Jan. 12.
- Smith, Chester W., Lynn, Mass., assignor to General Electric Company. Centrifugal compressor. 2,323,941; July 13.
- Smith, Clarence C., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,322,397; June 22.
- Smith, Clarence H., Claysville, Pa. Hay baler. 2,316,722; Apr. 13.
- Smith, Clarence J., Mason City, assignor of one-half to R. G. Thompson, Clear Lake, Iowa. Bar hanger. 2,313,594; Mar. 9.
- Smith, Clarence R., Vancouver, British Columbia, Canada. Internal combustion engine. 2,312,500; Mar. 2.
- Smith, Clark J. (See Nadeau, G. F., Slack, and Smith.)
- Smith, Claude H., Talmadge, Ohio, assignor to Wing-foot Corporation, Wilmington, Del. Production of hydrogen chloride. 2,316,633; Apr. 13.
- Smith, Clayton O., assignor to O. S. Walker Co. Inc., Worcester, Mass. Universal work-holding plate for magnetic chucks. 2,327,748; Aug. 24.
- Smith, Clifford E., and F. D. Lockman, Lockhart, S. C., assignors to Curtis & Marble Machine Company, Worcester, Mass. Feed mechanism for railway sewing machines. 2,319,370; May 18.
- Smith, Clyde E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric valve circuit. 2,331,242; Oct. 5.
- Smith, Clyde E., Wilkinsburg, and S. J. Murcek, Duquesne, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Timing system. 2,329,090; Sept. 7.
- Smith, Clyde O., Fort Jones, Calif. Ore mill. 2,315,281; Mar. 30.
- Smith, Cyril H. (See Ferguson, W. C., Sussenbach, and Smith.)
- Smith, Dallas M., Kirkwood, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Piston packing. 2,329,950; Sept. 21.
- Smith, Dallas M., Kirkwood, assignor to McQuay-Norris Manufacturing Company, St. Louis, Mo. Ring expander. 2,333,690; Nov. 9.
- Smith, Daniel D., Valdosta, Ga. Method of filling capsules. 2,322,169; June 15.
- Smith, David B., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Modulating system. 2,310,324; Feb. 9.
- Smith, David J., Dartmouth, England, assignor of one-half to D. S. Kennedy, Andover, Hampshire, England. Compression ignition engine. 2,312,055; Feb. 23.
- Smith, Donald D. (See Finley, K. L., and Smith.)
- Smith, Donald E., Lincoln, Nebr. Container for food and cover therefor. 2,335,198; Nov. 23.
- Smith, Donald J., Vancouver, British Columbia, Canada, assignor to Reed-Prentice Corporation, Worcester, Mass. Cutoff saw. 2,316,996; Apr. 20.
- Smith, Donald J., Vancouver, British Columbia, Canada, assignor to Reed-Prentice Corporation, Worcester, Mass. Tensioning means for chain saws. 2,316,997; Apr. 20.
- Smith, Donald P., Norwood, assignor to The Alvey-Ferguson Company, Cincinnati, Ohio. Portable drier for use with rumber barrels. 2,321,956; Mar. 2.
- Smith, Donald P., Norwood, assignor to The Alvey-Ferguson Company, Cincinnati, Ohio. Conveyor for industrial washing and drying machines. 2,328,504; Aug. 31.
- Smith, Drum and Company. (See Drum, H. S., and Dodson, assignors.)
- Smith, Ed S., St. Albans, assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Photoelectric mechanical reset regulator. 2,335,163; Nov. 23.
- Smith, Edward P., assignor to The Ohio Brass Company, Mansfield, Ohio. Rail bond. 2,321,867; June 15.
- Smith, Edwin R., and G. E. Fogarty, assignor to Seneca Falls Machine Company, Seneca Falls, N. Y. Release device for taper lathes. 2,314,250; Mar. 16.
- Smith, Edwin W., Beverly, Mass., assignor to United Shoe Machinery Company, Flemington, N. J. Edge setting machine. 2,326,891; Aug. 17.
- Smith, Edwin W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Burnishing machine. 2,326,895; Aug. 17.
- Smith, Elden R., Salinas, Calif. Sack loader. 2,312,779; Mar. 2.
- Smith, Elizabeth G., Bronx, assignor to Mark Cross Company, New York, N. Y. Lady's handbag. 2,318,563; May 4.
- Smith, Elmer, assignor to Sheller Manufacturing Corporation, Portland, Ind. Rod threading device. 2,324,176; July 13.
- Smith, Elmer, assignor to Endicott Johnson Corporation, Endicott, N. Y. Leather rolling machine. 2,334,588; Nov. 16.
- Smith Engineering Works. (See Rumpel, Harvey H., assignor.)
- Smith, Ernest F. (See Gibbs, William J., and Smith.)
- Smith, Eugene F. (See Roe, Charles C., assignor.)
- Smith, F. L., Machine Co. (See Novick, Abraham, assignor.)
- Smith, Ferdinand O., Hamden, and W. V. Hirschfeld, New Haven, Conn., assignors to Guidalite Corporation. Highway-illuminating system. 2,318,722; May 11.
- Smith, Floyd, assignor to Pioneer Parachute Company, Inc., Manchester, Conn. Parachute harness. 2,314,602; Mar. 23.
- Smith, Floyd, Manchester, assignor to Pioneer Parachute Company, Inc., Manchester, Conn. Parachute and parachute pack. 2,316,895; Apr. 20.
- Smith, Floyd, Manchester, assignor to Pioneer Parachute Company, Inc., Borough of Manchester, Conn. Parachute pack. 2,316,896; Apr. 20.
- Smith, Floyd, assignor to Pioneer Parachute Company, Inc., Manchester, Conn. Parachute pack. 2,337,168; Dec. 21.
- Smith, Francis M., and T. A. Kirby, New York, N. Y. Optical method and means. 2,336,508; Dec. 14.
- Smith, Frank A., and A. Sabo, Highland Park, Calif. Fuel mixture cooling and expansion retarding pressure feeder. 2,319,752; May 18.
- Smith, Frank B., and J. N. Hansen, assignors to The Dow Chemical Company, Midland, Mich. Alkanol amine salts of dinitro-phenols. 2,328,505; Aug. 31.
- Smith, Frank B., G. E. Lynn, and F. W. Fletcher, assignors to The Dow Chemical Company, Midland, Mich. Parachute. 2,336,308; Dec. 7.
- Smith, Frank E., San Jose, Calif. Nut cracking mechanism. 2,316,025; Apr. 6.

- Smith, Frank E., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separation of materials. 2,334,683; Nov. 16.
- Smith, Frank F., Denver, Colo., and C. H. Paul, Dayton, Ohio, C. H. Paul, executor of said C. H. Paul, assignor to C. W. Paul, Grout expanding elastic seal. 2,333,826; Nov. 9.
- Smith, Frank M., assignor to Stout Engineering Laboratories, Inc., Dearborn, Mich. Semicircular window and screen. 2,310,127; Feb. 2.
- Smith, Frank M., Dearborn, Mich., assignor, by mesne assignment, to Consolidated Aircraft Corporation, San Diego, Calif. Wing frame assembly fixture. 2,314,319; Mar. 16.
- Smith, Frank M., assignor to Century Motors Corporation, Dearborn, Mich. Apparatus for machining serrations in metallic bodies. 2,318,262; May 4.
- Smith, Frank M., assignor to Clippert Brick Company, Dearborn, Mich. Portable conveyor. 2,320,067; June 1.
- Smith, Frank M., Chicago, Ill. Refining apparatus. 2,320,755; June 1.
- Smith, Frank M., Dearborn, Mich., assignor, by mesne assignments, to Consolidated Aircraft Corporation, San Diego, Calif. Making flanged elements. 2,324,435; July 13.
- Smith, Frank M., Dearborn, Mich., assignor, by mesne assignments, to Consolidated Aircraft Corporation, San Diego, Calif. Applying covering to aircraft wing frames and apparatus therefor. 2,330,372; Dec. 7.
- Smith, Frank P. (See Bird, B. M., and Smith.)
- Smith, Franklin E., Chelmsfield, England. Hose coupling. 2,329,490; Sept. 14.
- Smith, Franklin S., New Haven, Conn. Method and apparatus for drying seed life in flour and the like in bulk. 2,312,368; Mar. 2.
- Smith, Franklin S., New Haven, Conn. Preservation of foods in transit. 2,331,147; Oct. 5.
- Smith, Fred B., Winthrop, Mass. Manifolding packet. 2,318,892; May 11.
- Smith, Fred C. (See Parkinson, Roy W., assignor.)
- Smith, Frederick A., Ashtabula, Ohio, assignor to furnaces and the like. 2,317,229; Apr. 20.
- Smith, Frederick A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Evaporator. 2,310,042; Feb. 2.
- Smith, Frederick C., Jr., assignor to Hughes Tool Company, Houston, Tex. Seaming hard facing material in tubular members. 2,301,263; May 4.
- Smith, Frederick E., Santa Paula, Calif. Pump. 2,308,837; Jan. 19.
- Smith, George A. (See Kothny, G. L., and Smith.)
- Smith, George A., Des Moines, Iowa. Sewer cleaning mechanism. 2,320,309; May 25.
- Smith, George A., assignor to Sperry Sun Well Surveying Company, Philadelphia, Pa. Tool orienting method and apparatus. 2,333,691; Nov. 9.
- Smith, George C., and J. E. Carlberg, assignors to The Silent Glow Oil Burner Corporation, Hartford, Conn. Oil burner. 2,319,708; May 18.
- Smith, George G. (See Hampton, L. N., and Smith.)
- Smith, George H. (See Burch, C. J., and Smith.)
- Smith, George H. (See Smith, William J. and George E. J.)
- Smith, George R., Richmond Heights, assignor to Wm. Wurdack Electric Manufacturing Company, St. Louis, Mo. Panel or switch box. 2,321,868; June 15.
- Smith, George S., Oakland, Calif. Oxychloride coating. 2,310,128; Feb. 2.
- Smith, Gerald E., Lower Salem, Ohio. Pressure feeding attachment for tapping machines. 2,333,276; Nov. 2.
- Smith, Graydon. (See Bird, E. S., Marsh, and Smith.)
- Smith, H. B., Company, The. (See Ferguson, F. A., and Desjardins, assignors.)
- Smith, H. C., Oil Tool Co. (See Phipps, John T., assignor.)
- Smith, Hannah M. (See Keen, T. A., and Kilburg, assignors.)
- Smith, Harold E., assignor to The T. L. Smith Company, Milwaukee, Wis. Concrete mixer. 2,314,169; Mar. 16.
- Smith, Harold L., and F. J. Rathbun, assignors to The Louis Allis Company, Milwaukee, Wis. Dynamolectric machine. 2,313,899; Mar. 16.
- Smith, Harold W., assignor to American Liquid Gas Corporation, Los Angeles, Calif. Gaseous fuel mixer for internal combustion engines. 2,311,315; Feb. 16.
- Smith, Harry A., Garden City, N. Y. Mechanical exhaust silencer. 2,320,668; June 1.
- Smith, Harry F., Lexington, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,318,893; May 11.
- Smith, Harry L., Washington, D. C. Razor. 2,333,894; Nov. 9.
- Smith, Harry M., Valley, Nebr. Interlocking silt accumulator assembly. 2,315,822; Apr. 6.
- Smith, Harry V. (See Slayter, G., Atkinson, Fletcher, and Smith.)
- Smith, Harry W., Worcester, Mass. Dip stick. 2,314,430; Mar. 23.
- Smith, Harvey J., assignor to W. I. Barker, Danville, Va. Combined display rack, oil saver, and waste can receptacle. 2,320,159; May 25.
- Smith, Harvey N., Washington, D. C. Ice creeper. 2,313,099; Mar. 9.
- Smith, Harvey N., Washington, D. C. Laminated toboggan. 2,317,414; Apr. 27.
- Smith, Harvey N., Washington, D. C. Snow ring or wheel. 2,328,035; Aug. 31.
- Smith, Helen H., New York, N. Y. Undergarment. 2,317,819; Apr. 27.
- Smith, Henry C., assignor to Superior Hand Brake Company, Chicago, Ill. Winding drum. 2,322,398; June 22.
- Smith, Henry H., Mount Lebanon, Pa., assignor to The American Steel and Wire Company of New Jersey. Insulating means or cover for metal baths. 2,311,881; Feb. 23.
- Smith, Henry L., Clearwater, Fla., assignor to Food Machinery Corporation, San Jose, Calif. Juice extractor. 2,332,177; Oct. 19.
- Smith, Henry M., Schenectady, N. Y., assignor to General Electric Company. Signal-generating apparatus. 2,335,765; Nov. 30.
- Smith, Herbert J., Greenfield, Mass. Screw plate box. 2,323,574; July 6.
- Smith, Herman A. (See Stafford, S. R., and Smith.)
- Smith, Herschel. (See Turnbull, N. K., and Smith.)
- Smith, Hinsdale, assignor to Hinsdale Smith, Jr., Springfield, Mass. Developing tray. 2,336,509; Dec. 14.
- Smith, Hinsdale, Jr. (See Smith, Hinsdale, assignor.)
- Smith, Hiram P. (See Mott, C. W., and Smith.)
- Smith, Hiram P., Canton, Ill., assignor to International Harvester Company. Power arrangement for tractor implements. 2,309,221; Jan. 26.
- Smith, Hiram P., Canton, Ill., assignor to International Harvester Company. Potato hoe attachment for tractors. 2,325,887; Aug. 3.
- Smith, Hiram P., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,337,937; Aug. 20.
- Smith, Hiram P., Canton, Ill., assignor to International Harvester Company. Agricultural implement. 2,337,780; Dec. 28.
- Smith, Homer F., Chicago, Ill., assignor by United Shoe Machinery Corporation, Flemington, N. J. Machine for operating upon shoes. 2,323,942; July 13.
- Smith, Horace H., assignor to Dowty Equipment Limited, Cheltenham, England. Aircraft alighting gear. 2,331,082; Oct. 5.
- Smith, Horace H., assignor to Dowty Equipment Limited, Cheltenham, England. Ski mounting. 2,332,021; Oct. 19.
- Smith, Horace S., and N. E. Dickson, assignors to The Glauco Brass Manufacturing Company, Kinsman, Ohio. Fluid conductor. 2,307,427; Jan. 5.
- Smith, Howard, Bryn Mawr, Pa. Aerial bomb. 2,330,638; Sept. 28.
- Smith, Howard, Company. (See Wilson, Hillsman D., assignor.)
- Smith, Howard F., Sr. (See Pratt, Jesse M., assignor.)
- Smith, Howard, Paper Mills Limited. (See West, Douglas L., assignor.)
- Smith, Howard E., Englewood, N. J. Coating wire with plastic compositions. 2,332,538; Oct. 26.
- Smith, Howard H. (See Crocker, T. F., and Smith.)
- Smith, Irving R., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Battery-charging system. 2,333,617; Nov. 2.
- Smith, J. A., Company. (See Kaysing, Albert L., assignor.)
- Smith, Jacob A., assignor of one-half to C. A. Benjamin, Chicago, Ill. Die punch. 2,323,755; July 6.
- Smith, Jacob A., assignor of one-half to C. A. Benjamin, Chicago, Ill. Punch mounting. 2,323,756; July 6.
- Smith, James E., Pittsburgh, Tex. Rotary drilling rig. 2,317,306; Apr. 20.
- Smith, James E., Brooklyn, N. Y., assignor to Radio Corporation of America. Frequency modulation system. 2,309,678; Feb. 2.
- Smith, James J., Philadelphia, Pa. Forming curved channel members, elbows, and U-bends. 2,335,887; Dec. 7.
- Smith, James N., Westfield, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Mold locking mechanism. 2,335,807; Nov. 30.
- Smith, James T., and A. L. Reiter, assignors to Mills Novelty Company, Chicago, Ill. Ice cream hardening and dispensing cabinet. 2,311,000; Feb. 16.
- Smith, Jay W., assignor to Chris Craft Corporation, Alpena, Mich. Boat construction. 2,332,178; Oct. 19.
- Smith, Jerome C., Merchantville, N. J., assignor to Radio Corporation of America. Signaling system. 2,323,250; June 29.
- Smith, John A., II, assignor to The United States Electrical Tool Company, Cincinnati, Ohio. Valve seat grinding device. 2,308,472; Jan. 12.
- Smith, John C., deceased, by G. H. Campbell and M. B. Stevenson, executors, assignors to Solar Laboratories, Beaver, Pa. Method and apparatus for stenciling upon articles. 2,335,461; Nov. 30.
- Smith, John E., Plainfield, N. J. Electrical heating unit. 2,310,325; Feb. 9.
- Smith, John E., Plainfield, N. J. Electric soldering iron. 2,333,207; Nov. 2.
- Smith, John E., Springfield, Pa., assignor to The Baldwin Locomotive Works. Kingpin arrangement. 2,321,429; June 8.
- Smith, John F., Quincy, assignor to Milton L. Dodge, Newburyport, Mass. Shoe upper pressing and shaping machine. 2,316,125; Apr. 6.

- Smith, John F., Quincy, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Fluid coating machine. 2,336,042; Dec. 7.
- Smith, John F. D., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Abrasive device. 2,331,861; Oct. 12.
- Smith, John H. (See Bridwell, R. F., and Smith.)
- Smith, John P. (See Williams, W. H., assignor.)
- Smith, John B. (See Osborn, W. H., and Smith.)
- Smith, John R. (See Osborn, W. H., Twiner and Smith.)
- Smith, John S., Hazel Crest, and F. Dawson, Chicago Heights, Ill., assignors to D. L. Tressler, as trustee. Transformer. 2,316,370; Apr. 13.
- Smith, Joseph A., Marietta, Ohio. Trencher. 2,329,659; Sept. 14.
- Smith, Joseph E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aqueous dispersions of polymerized alkyl methacrylate and preparing same. 2,318,429; May 4.
- Smith, Joseph E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile treating method. 2,332,817; Oct. 26.
- Smith, Julia. (See Burger, V., and Smith.)
- Smith, L. C. & Corona Typewriters, Inc. (See Barkdoll, Joseph P., assignor.)
- Smith, L. C., and Corona Typewriters, Inc. (See Bastow, R. J., and Coburn, assignors.)
- Smith, L. C., and Corona Typewriters, Inc. (See Hill, L. B., and Mosher, assignors.)
- Smith, Landon P., Inc. (See Jorgenson, Arthur P., assignor.)
- Smith, Lawson A., Long Beach, Calif. Trimmer for abrasive disks. 2,333,958; Nov. 9.
- Smith, Leatham D., Sturgeon Bay, Wis. Scraper for ship loading apparatus. 2,335,199; Nov. 23.
- Smith, Leo B., Woodbridge, N. J., assignor to General Chemical Company, New York, N. Y. Manufacture of thiocyanates. 2,313,680; Mar. 9.
- Smith, Lee I., assignor to Regents of the University of Minnesota, Minneapolis, Minn. Biologically active substance for controlling procreative metabolism. 2,318,894; May 11.
- Smith, Lee I., assignor to Regents of the University of Minnesota, Minneapolis, Minn. Biologically active product for controlling procreative metabolism. 2,318,895; May 11.
- Smith, Lee I., assignor to Regents of the University of Minnesota, Minneapolis, Minn. Biologically active compounds for controlling procreative metabolism. 2,318,896; May 11.
- Smith, Lee I., assignor to Regents of the University of Minnesota, Minneapolis, Minn. Preparation of tocopherol-like products. 2,331,849; Oct. 12.
- Smith, Leon, Payson, Utah. Automatic poultry feeder. 2,314,109; Mar. 16.
- Smith, Lester C., West Hartford, assignor to Spencer Turbine Company, Hartford, Conn. Article recovering implement. 2,331,981; Apr. 20.
- Smith, Lewis E. (See Crumb, C. F., Raney, and Smith.)
- Smith, Lewis H., Cleveland, assignor to H. H. Pinney, Shaker Heights, Ohio. Circulating unit. 2,314,667; Mar. 23.
- Smith, Lois I., Klamath Falls, Oreg. Polish and process of making it. 2,322,066; June 15.
- Smith, Luther, et al. (See Seawright, Clyde V., assignor.)
- Smith, Mabelle C., Brooklyn, N. Y. Lady's purse. 2,317,820; Apr. 27.
- Smith, Merton J., Cleveland, Ohio, assignor of twenty-five per cent to P. B. Shannon, Chicago, Ill., twenty-five per cent to J. P. Geiger, Cleveland, and twenty-five per cent to R. W. Wilson, Rocky River, Ohio. Liquid injection apparatus. 2,333,895; Nov. 9.
- Smith, Merton J., Cleveland, Ohio, assignor of twenty-five per cent to P. B. Shannon, Chicago, Ill., twenty-five per cent to J. P. Geiger, Cleveland, and twenty-five per cent to R. W. Wilson, Rocky River, Ohio. Valve. 2,336,968; Dec. 14.
- Smith Motor Company. (See Smith, Reuben S., assignor.)
- Smith, Milton A., assignor to Chicago Carton Company, Chicago, Ill. Display carton. 2,312,595; Mar. 2.
- Smith, Milton A., and W. G. Wilcox, assignors to Chicago Carton Company, Chicago, Ill. Display stand. 2,312,594; Mar. 2.
- Smith, Milton L., Oak Park, Ill. Vending machine. 2,316,897; Apr. 20.
- Smith, Milton L., Chicago, Ill. Combination refrigerator and vending machine. 2,322,980; June 29.
- Smith, Milton R. (See Rupp, W. H., and Smith.)
- Smith, Nathaniel L., Los Angeles, Calif., assignor to Process Holdings Company. Water resistant composition material and making same. 2,316,898; Apr. 20.
- Smith, Neil C., Minneapolis, Minn. Cushioned cutter pilot. 2,334,795; Nov. 23.
- Smith, Nelson J., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,315,667; Apr. 6.
- Smith, Nelson J., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,324,649; July 20.
- Smith, Newell R., Bloomfield, N. J., assignor to Radio Corporation of America. Base and socket. 2,319,564; May 18.
- Smith, Newell R., Bloomfield, N. J., assignor to Radio Corporation of America. Cathode sleeve. 2,324,177; July 13.
- Smith, Newell R., Bloomfield, N. J., assignor to Radio Corporation of America. Electrical connector. 2,329,793; Sept. 21.
- Smith, Norman, Bronx, N. Y. Pliers. 2,321,430; June 8.
- Smith, Norman H. (See St. Pierre, E., and Smith.)
- Smith, Norman H. (See Southworth, R. C., and Smith.)
- Smith, Norman J., Medfield, assignor to Fenwal Incorporated, Ashland, Mass. Thermostatic switch. 2,307,867; Jan. 12.
- Smith, Paul L., Des Moines, Iowa. Golf practice putting device. 2,308,785; Jan. 19.
- Smith, Paul S., Rockford, Ill., deceased, assignor to R. S. Allen, Birmingham, Mich.; D. P. Allen, administrator. Strip-transfer mechanism. 2,312,129; Feb. 23.
- Smith, Percy W., New York, assignor to General Railway Signal Company, Rochester, N. Y. Coded continuous inductive train control system. 2,326,049; Aug. 3.
- Smith, Perrin G. (See Riegel, B., and Smith.)
- Smith, Perry C., Brookline, Mass., assignor to Radio Corporation of America. Fire control apparatus. 2,324,330; July 13.
- Smith, Ralph, Jr., Trail, British Columbia, Canada. Soldering iron holder and circuit control. 2,327,073; Aug. 17.
- Smith, Ralph C., Falls Church, Va., assignor to American Enka Corporation, Enka, N. C. Artificial cellulosic filament delustered with titanium salt. 2,334,358; Nov. 16.
- Smith, Ralston R., Vallejo, Calif. Citrus fruit juicing machine. 2,329,091; Sept. 7.
- Smith, Ray B. (See Egger, E. J. W., Johanson, and Smith.)
- Smith, Ray L. (See Klipsch, Paul W., assignor.)
- Smith, Reuben S., Altadena, assignor to Smith Meter Company, Los Angeles, Calif. Air eliminator for fluid flow mechanisms. 2,318,264; May 4.
- Smith, Richard E., assignor to Welding Tools and Engineering Corporation, Norfolk, Va. Structural tool. 2,320,805; June 8.
- Smith, Richard G., Amsterdam, assignor to The Lionel Corporation, New York, N. Y. Device for storing toy logs and loading toy cars therewith. 2,312,450; Mar. 2.
- Smith, Richard H., Newton, Mass. Safety razor. 2,335,547; Nov. 30.
- Smith, Robert B., Santa Monica, Calif. Hinged ski. 2,332,404; Oct. 19.
- Smith, Robert F., assignor to General Motors Corporation, Detroit, Mich. Retractable head lamp. 2,312,005; Feb. 23.
- Smith, Robert K., Newark, and J. H. Sulzer, Westfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Test device. 2,328,750; Sept. 20.
- Smith, Robert L., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation. 2,308,766; Jan. 19.
- Smith, Robert L., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of isoparaffins. 2,335,704; Nov. 30.
- Smith, Robert O., Fort Worth, Tex. Locating subterranean petroleum deposits. 2,312,271; Feb. 23.
- Smith, Robert S., et al. (See White, Frank M., assignor.)
- Smith, Robert W. (See Schwartzwalder, K., and Smith.)
- Smith, Robert W., Aidan, and J. W. Seaman, Thornton, Pa., assignors to General Electric Company. Circuit breaker. 2,331,740; Oct. 12.
- Smith, Rogers M., Ashland Terrace, N. J., assignor to Radio Corporation of America. Mounting electron discharge devices. 2,323,628; July 6.
- Smith, Roland L., Belmont, Mass., assignor to Eastman Kodak Company, Rochester, N. Y. Tripod carrying case. 2,313,593; Mar. 9.
- Smith, Rolf M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,312,596; Mar. 2.
- Smith, Rollin J., Kansas City, Kans. Preventing soil erosion. 2,333,959; Nov. 9.
- Smith, Roscoe B., assignor to Hercules Powder Company, Wilmington, Del. Shunt for electric blasting caps. 2,315,823; Apr. 6.
- Smith, Roscoe B., assignor to Hercules Powder Company, Wilmington, Del. Explosive cartridge assembly. 2,317,415; Apr. 27.
- Smith, Roscoe J., Glen Ridge, N. J. Electric shaver. 2,332,405; Oct. 19.
- Smith, Roy H. (See Stratford, R. K., and Smith.)
- Smith, Roy H., assignor of one-fourth to H. F. Freese, Canton, Ohio. Electric impact and interrupter switch apparatus. 2,337,843; Dec. 28.
- Smith, Roy M. (See Bostwick, M. A., and Smith.)
- Smith, Roy M. (See Goldsborough, S. L., and Smith.)
- Smith, Roy M., Livingston, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective relay system. 2,327,292; Aug. 17.
- Smith, Rudolf O. (See Sternberg, H. W., and Smith.)
- Smith, Rulo W., Auburn, Ind. Service terminator. 2,330,390; Sept. 28.

- Smith, Russell G., and W. J. Physloc, Jr., Stamford, Conn., assignors to Atlas Powder Company, Wilmington, Del. Ploek finished fabric. 2,308,429; Jan. 12.
- Smith, S. S. Morgan, Company. (See Brisbane, E. C., and Hilker, assignors.)
- Smith, S. S. Morgan, Company. (See Hilker, Earl E., assignor.)
- Smith, S. S. Morgan, Company. (See Johnson, George D., assignor.)
- Smith, S. S. & Sons (Motor Accessories) Limited. (See Meredith, Frederick W., assignor.)
- Smith, S. S. & Sons (Motor Accessories) Limited. (See Meredith, F. W., and Owens, assignors.)
- Smith, S. S. & Sons (Motor Accessories) Limited. (See Moss, Eric B., assignor.)
- Smith, S. S. & Sons (Motor Accessories) Limited. (See Moss, E. B., and Russell, assignors.)
- Smith, S. S. & Sons (Motor Accessories) Limited. (See Samuelson, Hugh M., assignor.)
- Smith, Sam R., South Bend, Ind. Wheel. 2,313,277; Mar. 9.
- Smith, Samuel H., and S. K. Kalber, Bucyrus, and C. M. Smith, La Grange, Ohio; said Kalber and said C. M. Smith, assignors to said S. H. Smith. Egg container and operating the same. 2,319,091; May 11.
- Smith, Samuel R., et al. (See Danforth, Louis D., assignor.)
- Smith, Samuel W., Lynchburg, Va. Combination ash tray-coaster. 2,329,660; Sept. 14.
- Smith, Samuel E. (See Keades, D. E., Smith and Walling.)
- Smith, Sayle E., Elmhurst, Long Island, N. Y., and C. L. Straten, assignors to Industrial Patents Corporation, Chicago, Ill. Divider for meat boilers. 2,322,199; June 15.
- Smith, Sydney R., Jr., and C. R. Craig, Pittsfield, Mass., assignors to General Electric Company. Protective device. 2,337,353; Dec. 21.
- Smith, Simon L., et al. (See Starks, Hugh, assignor.)
- Smith, Skardon T., Detroit, Mich. Multiple bar shaft coupling. 2,323,943; July 13.
- Smith, Stanton W. (See Ziesch, A., and Smith.)
- Smith, Stanley, and W. H. Cooker, assignors to E. M. B. Company, Limited, West Bromwich, England. Machine for casting metal under pressure. 2,329,951; Sept. 21.
- Smith, Stuyvesant C., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,336,810; Dec. 14.
- Smith, Sydney S., Scarsdale, N. Y., assignor to Shell Development Company, San Francisco, Calif. Dispatching board for conduit systems. 2,329,661; Sept. 14.
- Smith, Sydney S., Scarsdale, N. Y., assignor to Shell Development Company, San Francisco, Calif. Pipeline control system. 2,330,755; Sept. 23.
- Smith, T. L., Company, The. (See Maxon, Glenway, Jr., assignor.)
- Smith, T. L., Company, The. (See Smith, Harold E., assignor.)
- Smith, Theodore A. (See Schrader, H. J., and Smith.)
- Smith, Theodore C., Philadelphia, Pa. Signaling device for closed tanks. 2,309,804; Feb. 2.
- Smith, Theodore F. (See Muros, J., and Smith.)
- Smith, Thomas F., Milton, and L. A. Lockhart, Natick, Mass. Lock. 2,319,753; May 18.
- Smith, Thomas N., San Antonio, Tex. Valve operating mechanism. 2,323,251; June 29.
- Smith, Thomas N., San Antonio, Tex. Rotary valve. 2,336,756; Dec. 14.
- Smith, Thomas R. (See Calvin, F. O., Wilson, and Smith.)
- Smith, Trevor A., and R. H. Thompson, Spondon, near Derby, England, assignors to Imperial Chemical Industries Limited. Pulverizing granular materials. 2,314,251; Mar. 16.
- Smith, Walter G. L., Los Angeles, and A. M. Graham, Beverly Hills, Calif., said Graham assignor to said Smith. Drill pipe protector assembly. 2,308,316; Jan. 12.
- Smith, Walter H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating apparatus. 2,310,876; Feb. 9.
- Smith, Walter H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,313,974; Mar. 16.
- Smith, Walter P., and C. E. Westover, assignors to Burnside Steel Foundry Company, Chicago, Ill. Heat treating means. 2,353,344; Nov. 2.
- Smith, Walter E. (See Brown, O. J., Jr., and Smith.)
- Smith, Watt V., Chicago, and F. R. Vaton, Clarendon Hills, assignors to Crane Co., Chicago, Ill. Valve. 2,312,290; Feb. 23.
- Smith, Wesley L., Bedford, Va., assignor to Great American Industries, Inc., New York, N. Y. Chute. 2,326,504; Aug. 10.
- Smith, Wesley L., Bedford, Va., assignor to Bendix Aviation Corporation, South Bend, Ind. Distributing valve. 2,330,151; Sept. 21.
- Smith, Will F., Brooklyn, assignor of one-half to W. Gluckin, New York, N. Y. Workpiece guiding attachment for sewing machines. 2,337,503; Dec. 21.
- Smith, William A., Philadelphia, Pa. Regrooving tool. 2,317,230; Apr. 20.
- Smith, William B., South Houston, assignor of one-half to A. F. Clark, Harris County, Tex. Nozzle. 2,331,741; Oct. 12.
- Smith, William E., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Ball bearing annulus and making it. 2,315,357; Mar. 30.
- Smith, William E., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Electric metallic arc welding. 2,315,358; Mar. 30.
- Smith, William G., Concord, assignor to National Company, Inc., Malden, Mass. Indicating device. Re. 2,327,77; Feb. 23.
- Smith, William G., Tarentum, assignor to Pittsburgh Glass Company, Allegheny County, Pa. Sash pulley brake. 2,330,391; Sept. 28.
- Smith, William H., East Molesey, England. Building and building construction. 2,331,083; Oct. 5.
- Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Glider structure. 2,311,482; Feb. 16.
- Smith, William J., Port Washington, and G. H. Smith, Flushing, N. Y. Guitar and guitar nut. 2,309,082; Jan. 26.
- Smith, William K., assignor of one-half to H. E. Waite, Pittsburgh, Pa. Pressure knee brace. 2,311,483; Feb. 16.
- Smith, William L., Jr., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Method of knitting. 2,314,128; Mar. 9.
- Smith, William L., Jr., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Fabric and method of knitting. 2,319,955; May 25.
- Smith, William L., Jr., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitted fabric. 2,323,855; July 6.
- Smith, William L., Jr., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Salvage for knitted fabrics. 2,324,035; July 13.
- Smith, William L., Jr., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitted fabric and method. 2,324,036; July 13.
- Smith, William N., Great Falls, Mont. Granular material pump or purifier. 2,331,850; Oct. 12.
- Smith, William R., Philadelphia, Pa., assignor to The A. C. Gilbert Company, New Haven, Conn. Acoustical toy railroad station. 2,311,882; Feb. 23.
- Smith, William R., Philadelphia, Pa., assignor to The A. C. Gilbert Company, New Haven, Conn. Remote control circuits. 2,331,063; Oct. 5.
- Smith, William T., Elizabeth, assignor to Roxalin Flexible Finishes, Inc., Elizabeth, N. J. Test apparatus. 2,332,818; Oct. 26.
- Smith, William V., Salem, Mass., assignor to Sylvania Electric Products Inc. Electrode for gaseous discharge devices. 2,330,248; Sept. 28.
- Smith, William W., Buffalo, N. Y. Check valve. 2,332,476; Oct. 19.
- Smith, F. L., Machine Co. (See Hayes, Lynn O., assignor.)
- Smith, F. L., Machine Co. (See Novick, Abraham, assignor.)
- Smithers, George L., Jr., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding glove. 2,333,594; Nov. 2.
- Smithers, Le Roy S. (See Sprecker, A. Le R., and Smithers.)
- Smith's, John E., Sons Company. (See Hunn, H. L., and Vastola, assignors.)
- Smithson, William, Four Oaks, and C. G. T. Hyslop, Moseley, Birmingham, assignors of one-third to The Phosphor Bronze Company Limited, Witton, Birmingham, England. Production of castings. 2,308,395; Jan. 12.
- Smitley, Wayne C. (See Inman, G. E., and Smitley.)
- Smoot, John H. (See Meyerhoefer, C. E., Ballard, and Smoot.)
- Smoot, John H., Darien, Conn., assignor to E. A. Laboratory, Inc., Brooklyn, N. Y. Horn system and switch. 2,311,893; Feb. 23.
- Smoot, Leonard V., Newport, Ky., and H. A. Bachler, Cincinnati, assignors to The Ohio Brass Company, Mansfield, Ohio. Support for trolley wires. 2,316,464; Apr. 13.
- Smulski, Theodore J., Gary, Ind., assignor to Productive Inventions, Inc. Windshield wiper arm. 2,326,402; Aug. 10.
- Smulski, Theodore J., Gary, Ind., assignor to Productive Inventions, Inc. Windshield wiper connector. 2,328,930; Sept. 7.
- Smyers, William H., Westfield, and T. Cross, Jr., Elizabeth, N. J., assignors to Standard Oil Development Company, Motor fuel. 2,310,376; Feb. 9.
- Smyth, Harold T., assignor to Corhart Refractories Company, Louisville, Ky. Heat casting refractory blocks. 2,327,674; Aug. 24.
- Smythe, Robert L., assignor to Line Material Company, Milwaukee, Wis. Hinge and latch device. 2,309,279; Jan. 26.
- Snader, Howard B., Temple, assignor to Vanity Fair Silk Mills, Reading, Pa. Stocking, knitted fabric, and their production. 2,307,607; Jan. 5.
- Snader, Howard B., Temple, assignor to Vanity Fair Silk Mills, Reading, Pa. Stocking, knitted fabric, and their production. 2,307,608; Jan. 5.

- Snader, Ira J., assignor to Ex-Cell-O Corporation, Detroit, Mich. Screw thread grinding machine. 2,316,816; Apr. 20.
- Snap-On Tools Corporation. (See Larson, Kenneth R., assignor.)
- Snap-On Tools Corporation. (See Larson, K. R., and Walraven, assignors.)
- Snaveley, Clarence S., Churchill Borough, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,320,802; June 1.
- Snaveley, Clarence S., Churchill, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,334,514; Nov. 16.
- Sneddon, George, Jr. (See Johnston, H. M., and Sneddon.)
- Sneed, John, Huntington Woods, assignor to William F. Dutzon, Detroit, Mich. Grinding wheel dresser. 2,308,317; Jan. 12.
- Sneed, John, assignor, by mesne assignments, to Poster Machines Corporation, Detroit, Mich. Exhibiting or display device. 2,326,179; Aug. 10.
- Snell, John M., W. Vanselow, and A. Weissberger, assignors to Eastman Kodak Company, Rochester, N. Y. Diazotype photographic material. 2,336,309; Dec. 7.
- Snell, Samuel A., assignor to T. F. Beaman, Jackson, Mich., as trustee. Steering column brake actuator. 2,309,796; Feb. 2.
- Snell, Samuel A., assignor to Townsend F. Beaman, Jackson, Mich., as trustee. Brake actuating mechanism. 2,329,859; Sept. 21.
- Snelling Bros. & Drake. (See Drake, Newman H., assignor.)
- Snelling, Walter O., Allentown, Pa. Heater. 2,328,506; Aug. 31.
- Snelling, Walter O., assignor to Trojan Powder Company, Allentown, Pa. Nitrostarch demolition explosive. 2,333,275; Nov. 2.
- Snideman, Richard L. (See Hendricks, J. C., Jr., Snideman and Wheeler.)
- Snider, Leo, Canton, Ohio. Fishpole holder. 2,326,695; Aug. 10.
- Sninsky, Michael, Boston, Pa. Carburetor. 2,331,809; Apr. 12.
- Snoek, Jacob L., Eindhoven, Netherlands; vested in the Alien Property Custodian. Manufacturing magnetic materials. 2,323,944; July 13.
- Snow, Harold A., Orange, N. J. Method of and apparatus for determining characteristics of surfaces. 2,315,282; Mar. 30.
- Snow, William H., Chicago, Ill. Steering wheel attachment. 2,317,307; Apr. 20.
- Snowberger, Paul L., assignor to The Glenn L. Martin Company, Baltimore, Md. Swivel joint assembly. 2,323,675; July 6.
- Snowden, Ward E., Modesto, assignor to Ansl Chemical Company of California. Can puncturing device. 2,320,160; May 25.
- Snyder, Almond H., Lancaster, N. Y., assignor to National Battery Company, St. Paul, Minn. Positive electrode for storage batteries. 2,318,809; May 11.
- Snyder & Block, Inc. (See Hirschhorn, Hilmer, assignor.)
- Snyder, Charles R., Miami Beach, Fla. Carburetor. 2,314,170; Mar. 16.
- Snyder, Charles R., Miami Beach, Fla. Accelerating control for carburetors. 2,314,171; Mar. 16.
- Snyder, Charles R., Miami Beach, Fla. Carburetor. 2,327,075; Aug. 24.
- Snyder, Chester, Yonkers, assignor to Latex Corporation, New York, N. Y. Plastic material. 2,311,284; Feb. 16.
- Snyder, Chester, Yonkers, assignor to Latex Corporation, New York, N. Y. Plastic product and process. 2,319,184; May 11.
- Snyder, David, Philadelphia, Pa. Flag mounting. 2,322,891; June 29.
- Snyder, Donald J., Chicago, Ill., assignor to General Mills, Inc. Packing and display case. 2,324,436; July 13.
- Snyder, Eugene L., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,333,494; Nov. 2.
- Snyder, Floyd C., Akron, Ohio. Chuck. 2,327,074; Aug. 17.
- Snyder, Harold H. (See Stuckert, W. P., and Snyder.)
- Snyder, Herald T., Seattle, Wash., assignor to T. W. Holman, as trustee. Spectacle cleaning tissue booklet. 2,325,999; Aug. 3.
- Snyder, Herald T., Seattle, Wash., assignor to T. W. Holman, as trustee for an owner corporation to be organized. Expansion shipping container. 2,329,444; Sept. 14.
- Snyder, Frederick D., East Milton, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,320,896; June 1.
- Snyder, Gilbert J., assignor to Mastic Asphalt Corporation, South Bend, Ind. Imprinting apparatus. 2,308,117; Jan. 12.
- Snyder, Glover J., assignor to Mastic Asphalt Corporation, South Bend, Ind. Panel manipulating device. 2,308,118; Jan. 12.
- Snyder, Harold H., Mount Lebanon, assignor to Forter-Teichmann Company, Pittsburgh, Pa. Severing lengths of glassware. 2,310,469; Feb. 9.
- Snyder, Harry F., Montpelier, Ind., assignor to Clopay Corporation, Cincinnati, Ohio. Window shade fastening means. 2,318,564; May 4.
- Snyder, Harry F., Montpelier, Ind., assignor to Clopay Corporation, Cincinnati, Ohio. Window shade attachment. 2,318,565; May 4.
- Snyder, Jacob R. (See Chidester, William H., assignor.)
- Snyder, Jacob R. (See Chidester, W. H., and Snyder.)
- Snyder, James E. (See Pike, C. O., and Snyder.)
- Snyder, James E., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Film. 2,307,081; Jan. 5.
- Snyder, James E., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Packaging process cheese and the like. 2,319,956; May 25.
- Snyder, James E., assignor to Wingfoot Corporation, Akron, Ohio. Laminating rubber hydrochloride films. 2,331,742; Oct. 12.
- Snyder, James E., Akron, and C. J. Cavallito, Cuyahoga Falls, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Cooking. 2,328,761; Sept. 7.
- Snyder, John L., Akron, assignor of three-tenths to F. R. Ormsby and three-tenths to M. M. Sitz, Akron, Ohio. Washboard. 2,312,220; Feb. 23.
- Snyder, La Verne S., Baltimore, Md. Work holder. 2,324,803; July 20.
- Snyder, Leonard L., Montebello, and A. Hollander, Los Angeles, assignors to Byron Jackson Co., Huntington Park, Calif. Coring device. 2,329,225; Sept. 14.
- Snyder, Paul, Baltimore, Md. Undergarment. 2,313,595; Mar. 9.
- Snyder, Paul, Baltimore, Md. Undergarment. 2,322,170; June 15.
- Snyder, Raymond C., Franklin, Pa., assignor to Chicago, Pneumatic Tool Company, New York, N. Y. Method of and apparatus for hard facing. 2,326,403; Aug. 10.
- Snyder Research, Inc. (See Snyder, Robert E., assignor.)
- Snyder, Richard L., Jr., Glassboro, N. J., assignor to Radio Corporation of America. Scanning type of electron microscope. 2,330,930; Oct. 5.
- Snyder, Robert E., Pasadena, Calif., assignor to Snyder Research, Inc. Ductile tubing connector. 2,313,780; Mar. 16.
- Snyder, Stanley, Wilkes-Barre, Pa. Locomotive seat structure. 2,318,125; May 4.
- Snyder, William E. (See Hedeman, W. N., and Snyder.)
- Snyder, Willis J., assignor to DeLance Machine Works, Inc., Defiance, Ohio. Machine tool. 2,315,877; Apr. 6.
- Soave, John G., Long Island City, assignor to Waldees Koh-I-Noor, Inc., New York, N. Y. Manufacture of separable fastener elements. 2,312,494; Mar. 2.
- Sobel, Harry, et al., co-partners. (See Fern, Oscar, assignor.)
- Sobek, André, Paris, France; vested in the Alien Property Custodian. Differential pump. 2,313,302; Mar. 9.
- Sobek, André, Paris, France; vested in the Alien Property Custodian. Rotary vane vacuum pump or compressor. 2,314,056; Mar. 16.
- Sobers, Winfield B., assignor to Hevi Duty Electric Company, Milwaukee, Wis. Carton combustion furnace. 2,332,943; Oct. 26.
- Sobiesch, Johannes, Bielefeld, Germany; vested in the Alien Property Custodian. Column adjuster for book-binding machines. 2,309,069; Jan. 19.
- Sobieskie, Charles, Jessup, Pa. Safety razor. 2,322,476; June 22.
- Societe "Alliages Autoprotéges." (See Canac, L. H. F., and Segol, assignors.)
- Société Alsacienne de Constructions Mécaniques. (See Tomlinson, F. W., and Beckett, assignors.)
- Société Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Crey. (See Borel, Edouard V., assignor.)
- Société Anonyme Partumerie Roger et Gallet. (See Tremolieres, Jean, assignor.)
- Société Auxiliaire pour le Développement D'Industries Mécaniques (S. A. D. I. M.), Geneva, Switzerland. (See Quebette, A., and Seignol, assignors.)
- Société D'Inventions Aéronautiques et Mécaniques S. I. A. M. (See Lévy, René L., assignor.)
- Société D'Inventions Aéronautiques et Mécaniques S. I. A. M. (See Lévy, René L., assignor.)
- Société Générale D'Instruments de Physique. (See Turretini, Fernand, assignor.)
- Société Industrielle de Sonobox, S. A. (See Pfister, P., assignor.)
- Society of Chemical Industry in Basle. (See Albrecht, O., and Sallmann, assignors.)
- Society of Chemical Industry in Basle. (See Felix, Friedrich, assignor.)
- Society of Chemical Industry in Basle. (See Froehlich, J., Stocklin, and Tobler, assignors.)
- Society of Chemical Industry in Basle. (See Graenacher, C., Rossi, and Bruenger, assignors.)
- Society of Chemical Industry in Basle. (See Graenacher, C., Sallmann, and Albrecht, assignors.)
- Society of Chemical Industry in Basle. (See Graenacher, C., Streuli, and Frei, assignors.)
- Society of Chemical Industry in Basle. (See Landolt, Albert, assignor.)
- Society of Chemical Industry in Basle. (See Straub, F., and Hanhart, assignors.)

- Sagin, Francis C., St. Charles, assignor to The Rudolph Wurflitzer Company, Chicago, Ill. Piano action. 2,324,937; July 13.
- Sagin, Francis C., St. Charles, Ill., assignor to The Rudolph Wurflitzer Company, Cincinnati, Ohio. Piano action. 2,329,009; Sept. 7.
- Socke, John E., Pelham Manor, assignor to American Can Company, New York, N. Y. Can sealing machine. 2,334,224; Nov. 16.
- Socke, John E., Pelham Manor, assignor to American Can Company, New York, N. Y. Lever opening container. 2,334,225; Nov. 16.
- Socony-Vacuum Oil Company. (See Adams, G. L., and Barlow, assignors.)
- Socony-Vacuum Oil Company. (See Badertscher, D. E., Berger, and Seger, assignors.)
- Socony-Vacuum Oil Company. (See Badertscher, D. E., Crandall, and Seger, assignors.)
- Socony-Vacuum Oil Company. (See Baker, Charles P., assignor.)
- Socony-Vacuum Oil Company. (See Belzer, T. R., and Schiller, assignors.)
- Socony-Vacuum Oil Company. (See Berger, H. G., Hamilton, and Fuller, assignors.)
- Socony-Vacuum Oil Company. (See Berger, H. G., and Seger, assignors.)
- Socony-Vacuum Oil Company. (See Powers, Donald E., assignor.)
- Socony-Vacuum Oil Company. (See Carpenter, J. H., Kennedy, and McClanahan, assignors.)
- Socony-Vacuum Oil Company. (See Clewell, Dayton H., assignor.)
- Socony-Vacuum Oil Company. (See Corson, Richard C., assignor.)
- Socony-Vacuum Oil Company. (See Crandell, G. S., George, and Nygaard, assignors.)
- Socony-Vacuum Oil Company. (See Crowley, John A., assignor.)
- Socony-Vacuum Oil Company. (See Dunham, George S., assignor.)
- Socony-Vacuum Oil Company. (See Elchner, Edward R., assignor.)
- Socony-Vacuum Oil Company. (See Francis, Alfred W., assignor.)
- Socony-Vacuum Oil Company. (See Fuller, Everett W., assignor.)
- Socony-Vacuum Oil Company. (See Fuller, E. W., and Hamilton, assignors.)
- Socony-Vacuum Oil Company. (See Fuller, E. W., and Nygaard, assignors.)
- Socony-Vacuum Oil Company. (See George, Richard S., assignor.)
- Socony-Vacuum Oil Company. (See George, R. S., Crandall, and Nygaard, assignors.)
- Socony-Vacuum Oil Company. (See Goodloe, P. M., and Berger, assignors.)
- Socony-Vacuum Oil Company. (See Gorin, Everett, assignor.)
- Socony-Vacuum Oil Company. (See Hamilton, L. A., Moran, and Cattell, assignors.)
- Socony-Vacuum Oil Company. (See Happel, John, assignor.)
- Socony-Vacuum Oil Company. (See Hawks, R. C., and Skinner, assignors.)
- Socony-Vacuum Oil Company. (See Hayes, Oswald G., assignor.)
- Socony-Vacuum Oil Company. (See Kalichevsky, V. A., and Hornaday, assignors.)
- Socony-Vacuum Oil Company. (See Kalichevsky, V. A., Scafe, and Hayden, assignors.)
- Socony-Vacuum Oil Company. (See Keeler, Amos L., assignor.)
- Socony-Vacuum Oil Company. (See Lee, R., and Holm, assignors.)
- Socony-Vacuum Oil Company. (See Lincoln, B. H., and Byrkit, assignors.)
- Socony-Vacuum Oil Company. (See Loyd, Vernon J., assignor.)
- Socony-Vacuum Oil Company. (See Marsh, Hallan N., assignor.)
- Socony-Vacuum Oil Company. (See McCarty, Malcolm D., assignor.)
- Socony-Vacuum Oil Company. (See McCracken, J. H., and Nygaard, assignors.)
- Socony-Vacuum Oil Company. (See McNab, George, assignor.)
- Socony-Vacuum Oil Company. (See Mellett, Dana S., assignor.)
- Socony-Vacuum Oil Company. (See Mellett, D. S., and Robbins, assignors.)
- Socony-Vacuum Oil Company. (See Minton, John P., assignor.)
- Socony-Vacuum Oil Company. (See Moon, Charles A., assignor.)
- Socony-Vacuum Oil Company. (See Moran, Robert C., assignor.)
- Socony-Vacuum Oil Company. (See Moran, R. C., Reid, and Hamilton, assignors.)
- Socony-Vacuum Oil Company. (See Nygaard, E. M., and Reiff, assignors.)
- Socony-Vacuum Oil Company. (See Nygaard, E. M., and Seger, assignors.)
- Socony-Vacuum Oil Company. (See O'Kelly, A. A., and Work, assignors.)
- Socony-Vacuum Oil Company. (See Pabst, A. C., and Prall, assignors.)
- Socony-Vacuum Oil Company. (See Pratt, M. F., and Berger, assignors.)
- Socony-Vacuum Oil Company. (See Reiff, Orland M., assignor.)
- Socony-Vacuum Oil Company. (See Reiff, O. M., Otto, Gummaring, and Overright, assignors.)
- Socony-Vacuum Oil Company. (See Rickett, Henry A., assignor.)
- Socony-Vacuum Oil Company. (See Roehner, T. G., and Sudholz, assignors.)
- Socony-Vacuum Oil Company. (See Seger, F. M., and Nygaard, assignors.)
- Socony-Vacuum Oil Company. (See Schiller, Harold, assignor.)
- Socony-Vacuum Oil Company. (See Schlesman, Carleton H., assignor.)
- Socony-Vacuum Oil Company. (See Shimek, Edwin J., assignor.)
- Socony-Vacuum Oil Company. (See Shook, Earley M., assignor.)
- Socony-Vacuum Oil Company. (See Simpson, T. P., Payne, and Crowley, assignors.)
- Socony-Vacuum Oil Company. (See Simpson, T. P., Payne, Crowley, Jr., and Teitworth, assignors.)
- Socony-Vacuum Oil Company. (See Sprigman, C. J., and Powell, assignors.)
- Socony-Vacuum Oil Company. (See Story, B. W., and Seger, assignors.)
- Socony-Vacuum Oil Company. (See Urquhart, Kenneth M., assignor.)
- Socony-Vacuum Oil Company. (See Utterback, Ernest, assignor.)
- Socony-Vacuum Oil Company. (See Waldo, P. G., Goodloe, and Berger, assignors.)
- Socony-Vacuum Oil Company. (See Willinger, Bernard W., assignor.)
- Socony-Vacuum Oil Company, Inc. (See Atwood, Edwin H., assignor.)
- Socony-Vacuum Oil Company, Incorporated. (See Bertness, T. A., Johnston, and Newton, assignors.)
- Socony-Vacuum Oil Company, Incorporated. (See Davis, Lincoln, and Linsley, assignors.)
- Socony-Vacuum Oil Company, Incorporated. (See Kaneb, George T., assignor.)
- Socony-Vacuum Oil Company, Incorporated. (See Nygaard, E. M., McCracken, and Seger, assignors.)
- Socony-Vacuum Oil Company, Incorporated. (See Petry, T. A., Noll, and Lee, assignors.)
- Soday, Frank J., Upper Darby, Pa., assignor to The United Gas Improvement Company. Polymerization of unsaturated compounds having the cyclopentadiene nucleus. 2,314,903; Mar. 30.
- Soday, Frank J., Upper Darby, Pa., assignor to The United Gas Improvement Company. Polymerization of unsaturated compounds having the cyclopentadiene nucleus. 2,314,904; Mar. 30.
- Soday, Frank J., Upper Darby, Pa., assignor to The United Gas Improvement Company. Producing hydroxy-diaryl substituted ethane. 2,315,556; Apr. 6.
- Soday, Frank J., Upper Darby, Pa., assignor to The United Gas Improvement Company. Polymerized styrene-polyisoprene resin product. 2,317,857; Apr. 27.
- Soday, Frank J., Upper Darby, Pa., assignor to The United Gas Improvement Company. Styrene-polybutadiene copolymer. 2,317,858; Apr. 27.
- Soday, Frank J., Upper Darby, Pa., assignor to The United Gas Improvement Company. Styrene-poly-pierylene copolymer. 2,317,859; Apr. 27.
- Soday, Frank J., Upper Darby, Pa., assignor to The United Gas Improvement Company. Hydrogenated polycyclopentadiene. 2,318,271; May 18.
- Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Composition of matter and method for its preparation. 2,315,557; Apr. 6.
- Soday, Frank J., Swarthmore, Pa., assignor to The United Gas Improvement Company. Tolyethyl butyrate and making same. 2,316,912; Apr. 20.
- Soderquist, Leslie E., U. S. Army, Syracuse, N. Y. Heat treatment of projectiles. 2,325,079; July 27.
- Soderquist, Leslie E., assignor to The McNeil Machine & Engineering Company, Akron, Ohio. Vulcanizing press and timing mechanism therefor. 2,321,326; June 8.
- Soderquist, Leslie E., assignor to The McNeil Machine & Engineering Company, Akron, Ohio. Tire stripping vulcanizing press. 2,328,507; Aug. 31.
- Soderquist, Leslie E., assignor to The McNeil Machine & Engineering Company, Akron, Ohio. Apparatus for shaping and vulcanizing pneumatic tires. 2,327,857; Dec. 28.
- Sohm, Alfred L., Van Nuys, Calif. Ball finishing device. 2,321,462; June 8.
- Sola Electric Co. (See Sola, Joseph G., assignor.)
- Sola, Joseph G., Western Springs, assignor to Sola Electric Co., Chicago, Ill. Starting and operating means for gaseous discharge devices. 2,329,092; Sept. 7.
- Solakian, Haig, New Haven, Conn. Reclaiming of rubber. 2,317,491; Apr. 27.
- Solar Aircraft Company. (See Greene, J. R., and Cox, assignors.)
- Solar Aircraft Company. (See Page, Franklin H., Jr., assignor.)

- Solar Corporation. (See Lund, Arthur D., assignor.)
- Solar, Israel E., New York, N. Y., assignor to National Hosiery Mills, Inc. Full fashioned stocking and manufacture thereof. 2,320,250; May 25.
- Solar Laboratories. (See Smith, John C., assignor.)
- Soldati, George J., New York, N. Y. Carrying and displaying device for photographs or the like. 2,337,210; Dec. 21.
- Solander, Georg, Nuremberg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ventilation of dynamoelectric machines. 2,310,470; Feb. 9.
- Solecki, Stanley, Chicago, Ill. Toy balloon. 2,312,369; Mar. 2.
- Solem, Peter A., Rockford, Ill. Resilient roller. 2,328,076; Aug. 3.
- Solinski, Charles A., assignor to The Exhibit Supply Company, Chicago, Ill. Indicating mechanism for amusement devices. 2,308,787; Jan. 19.
- Solis, José S. T. (See Olsaga, E. V., and Solis.)
- Sollinger, Ferdinand P. (See Browne, K. A., and Sollinger.)
- Solms, Fred J. (See Siffert, R. H., Porsche, and Solms.)
- Solo Products Corporation. (See Eisenman, Louis, assignor.)
- Solodar, Harold, New York, N. Y. Apparatus for grinding optical glass. 2,316,109; Apr. 6.
- Solomon, Julius G., Detroit, Mich. Safety step stool. 2,307,722; Jan. 5.
- Solomon, Joseph. (See Losten, N. W., and Solomon.)
- Solomon, Nathan L., Mt. Vernon, N. Y. Featherweight hair curler. 2,321,709; June 15.
- Solomon, Nathan L., Mount Vernon, N. Y. Comb. 2,329,361; Sept. 14.
- Solomon, Nathan L., Brooklyn, N. Y. Hair curler. 2,334,226; Nov. 16.
- Solomon, Samuel, Union City, N. J. Shaver. 2,325,636; Aug. 3.
- Solon, Walter. (See Gill, J. R., and Solon.)
- Soltan, Alexander, Port Jarvis, assignor of one-half to P. W. Valentine, Brooklyn, N. Y. Cementing machine. 2,311,172; Mar. 16.
- Solvay Process Company, The. (See Beckham, Leland J., assignor.)
- Solvay Process Company, The. (See Beekhuis, Herman Jr., assignor.)
- Solvay Process Company, The. (See Datin, R. C., and Hardwell, assignors.)
- Solvay Process Company, The. (See Moyer, Wendell W., assignor.)
- Solvay Process Company, The. (See Steele, William R., assignor.)
- Solvay Process Company, The. (See Vingee, R. A., and Lawrence, assignors.)
- Somers, Norman C., Carneys Point, N. J., and Walter Crews Woodings, Jr., Brandywine Hundred, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of sulphuric acid for the removal of nitrogen oxides. 2,315,988; Apr. 6.
- Somers, Richard M., West Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electric discharge systems. 2,309,874; Feb. 2.
- Somerville, Willard T. (See Lubowe, I. I., and Somerville.)
- Somes, Howard E., Grosse Pointe Park, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Heat treating machine. 2,308,789; Jan. 19.
- Somes, Howard E., Grosse Pointe Park, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. High pressure quenching method and fixture. 2,312,597; Mar. 2.
- Somes, Howard E., Grosse Pointe Park, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Quenching nozzle. 2,321,431; June 8.
- Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Strengthening tubular metallic objects. 2,315,558; Apr. 6.
- Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Internally stressed structure. 2,316,110; Apr. 6.
- Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Inducting head. 2,319,093; May 11.
- Somes, Howard E., Detroit, Mich., assignor to Budd Induction Heating, Inc., Philadelphia, Pa. Quenching heated surfaces. 2,321,432; June 8.
- Sommerfeld, Karl E., Pittsburgh, assignor to Sommerfeld Machine Company, Bradock, Pa. Automatic glass cutting machine. 2,323,686; July 6.
- Sommerfeld Machine Company. (See Sommerfeld, Karl E., assignor.)
- Sommers, Albert L., and Z. J. Cichoski, Newburgh, N. Y. Bathing suit. 2,329,093; Sept. 7.
- Sommers, Henry P. K., Wellesley, Mass. Hair curler. 2,321,433; June 8.
- Sommerville, Frederick G., Fulton, N. Y., assignor to Armstrong Cork Company, Lancaster, Pa. Method and apparatus for treating felt. 2,335,462; Nov. 30.
- Sönke, Heinz. (See Orthner, L., Platz, Keller and Sönke.)
- Sonn, Emanuel J., Bridgeboro, N. J. Smoker's article. 2,333,896; Nov. 9.
- Sonn, Sidney H., New York, N. Y. Interchangeable display. 2,308,631; Jan. 19.
- Sonne, Frederick T., Golf, Ill., assignor to Chicago Aerial Survey Company, Camera. 2,307,646; Jan. 5.
- Sonneborn, Arthur B., Detroit, Mich., assignor to The Clark Controller Company, Cleveland, Ohio. Electric welding apparatus. 2,307,968; Jan. 12.
- Sonneborn, L., Sons, Inc. (See Goldstein, H., and Libberthson, assignors.)
- Sonneborn L., Sons, Inc. (See Libberthson, Leo, assignor.)
- Sonneborn, L., Sons, Inc. (See Libberthson, L., and Blumer, assignors.)
- Sonneborn, L., Sons, Inc. (See Silverman, Isador, assignor.)
- Sonnenschein, Wilhelm, Elsterberg I. V., Germany; vested in the Alien Property Custodian. Purification of carbon disulphide. 2,328,176; Aug. 31.
- Sonntag, Alfred, Moline, Ill., assignor to American Machine and Metals, Inc., New York, N. Y. Hydraulic pressure control for testing machines. 2,331,577; Oct. 12.
- Sonoco Products Company. (See Blanchet, Joseph E. A., assignor.)
- Sonotone Corporation. (See Baum, Jasper, assignor.)
- Sonotone Corporation. (See Carlisle, R. W., and Mastropole, assignors.)
- Sonotone Corporation. (See Mastropole, Alfred J., assignor.)
- Sonotone Corporation. (See Shapiro, Harry B., assignor.)
- Sontag, Lothar A. (See Dent, H. M., Hall, and Sontag.)
- Soper, Gilbert V., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Bicycle seat. 2,324,976; July 20.
- Soper, Henry F., East Orange, N. J., assignor to Neptune Meter Company. Dispensing apparatus and interlocking mechanism therefor. 2,324,734; July 20.
- Soren, Stanley S., and A. P. Anderson, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Asphalt composition. 2,313,596; Mar. 9.
- Soren Corporation, The. (See Sorensen, Edward M., assignor.)
- Sorensen, Alfred H., Detroit, Mich. Electric dry shaver. 2,312,497; Mar. 2.
- Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,313,973; Mar. 16.
- Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Polarized relay control. 2,330,526; Sept. 28.
- Sorensen, Andrew R., San Francisco, Calif. Cutting apparatus. 2,321,949; June 15.
- Sorensen, Charles E. (See Ford, H., and Sorensen.)
- Sorensen, Charles E., Detroit, and L. S. Sheldrick, assignors to Ford Motor Company, Dearborn, Mich. Vehicle frame. 2,314,603; Mar. 23.
- Sorensen, Christian A., Oakland, Calif. Regulator. 2,331,084; Oct. 5.
- Sorensen, Edward M., assignor to The Soren Corp., Dayton, Ohio. Degenerative expander-compressor circuit. 2,307,308; Jan. 5.
- Sorensen, Edward M., assignor to The Soren Corporation, Dayton, Ohio. Remote control apparatus. 2,324,331; July 13.
- Sorensen, Edward M., assignor to The Soren Corporation, Dayton, Ohio. Counter. 2,328,304; Aug. 31.
- Sorensen, Edward M., assignor to The Soren Corporation, Dayton, Ohio. Recorder. 2,332,475; Oct. 19.
- Sørensen, Emil, New York, N. Y. Display tablet container. 2,317,860; Apr. 27.
- Sorensen, Marius, Astoria, N. Y. Tilting switch alarm or signal. 2,322,549; June 22.
- Sorenson, Ben E., Upper Darby, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of lower alkyl ethers of methylolurea. 2,315,745; Apr. 6.
- Sorenson, Neil, Salt Lake City, Utah. Harvester cutter bar. 2,314,981; Mar. 30.
- Sorenson, Neil C., Findlay, Ohio. Wrecking bar with ladder hook. 2,316,723; Apr. 13.
- Soreny, Ernest V., assignor to Eastman Kodak Company, Rochester, N. Y. Flashlight synchronizing device. 2,322,067; June 15.
- Sorkind, Abraham, Brawley, Calif. Fly swatter. 2,312,780; Mar. 2.
- Sornberger, George E., Sanborn, assignor to American Sales Book Company, Inc., Niagara Falls, N. Y. Continuous record assembly. 2,319,165; May 11.
- Sorrentino, Vincent, Providence, R. I., assignor to Unicas Manufacturing Company. Adapter for initialing machines. 2,317,649; Apr. 27.
- Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Method of and apparatus for feeding glass. 2,310,715; Feb. 9.
- Soucek, Romus, Whittier, assignor to Vultee Aircraft, Inc., Vultee Field, Calif. Tank outlet unit. 2,312,495; Mar. 2.
- Souden, Alexander G. (See Ellis, W. C., and Souden.)
- Soukup, Roy, Kennett, Mo., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Spinning of artificial filaments. 2,307,863; Jan. 12.

- Soukup, Roy, Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Spinning artificial filaments. 2,307,864; Jan. 12.
- Soukup, Roy, Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn production. 2,324,457; July 13.
- Souly, Charles W., assignor of one third to O. Ramsdell, Winnetka, Nev. Elementary flight training device. 2,312,370; Mar. 2.
- Soule, Edward C., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Producing phosphine oxide. 2,332,179; Oct. 19.
- Soule, Edward C., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Making alkali metal chlorides. 2,332,180; Oct. 19.
- Soule, Edward C., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of chlorine dioxide. 2,332,181; Oct. 19.
- Soule, Edward C., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Producing chlorine dioxide. 2,335,808; Nov. 30.
- Soundcriber Corporation, The. (See Thompson, Lincoln, assignor.)
- Soundcriber Corporation, The. (See Thompson, L., and Stone, assignors.)
- Soussief, Dumitrie G. (See Piperoux, R. P., and Soussief.)
- South, Joseph A., Houston, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Purification of oil. 2,320,106; May 25.
- South Bend Toy Manufacturing Co. (See Christman, Frank S., assignor.)
- Souther, Benjamin F., Seattle, Wash. Hose reel. 2,320,477; June 1.
- Souther, John G., Alameda, assignor to The Schwarz Engineering Company, Inc., San Francisco, Calif. Preparing vegetable juices. 2,311,316; Feb. 16.
- Souther, John G., Alameda, assignor to The Schwarz Engineering Company, Inc., San Francisco, Calif. Preparation of acid vegetable juices. 2,318,810; May 11.
- Southerland, Beverly A., Charlotte and F. V. Taylor, Murphy, N. C. Surgical instrument. 2,316,297; Apr. 13.
- Southern Pecan Shelling Company. (See Garcia, Henry V., assignor.)
- Southern Phosphate Corporation. (See Ellis, Edward J., assignor.)
- Southern Phosphate Corporation. (See Ellis, E. J., and Humphreys, assignors.)
- Southern Phosphate Corporation. (See Ten Eyek, H. S., and Fulton, assignors.)
- Southern Spring Bed Company. (See Rucker, W. P., and Taylor, assignors.)
- Southern States Equipment Corporation. (See Caldwell, J. R., and Gussow, assignors.)
- Southern States Equipment Corporation. (See Garrison, Edgar W., Jr., assignor.)
- Southern States Equipment Corporation. (See Lemmon, George N., assignor.)
- Southern States Equipment Corporation. (See Richardson, O., Caldwell, and Gussow.)
- Southern Steel Company. (See White, Loyd J., assignor.)
- Southern Wood Preserving Company. (See Harvey, Jacquelin E., Jr., assignor.)
- Southern Wood Preserving Company. (See Vaughan, Joseph A., assignor.)
- Southern Wood Preserving Company. (See Vaughan, J. A., and Vinson, assignors.)
- Southwell, Raymond J., Nichols, and E. A. Conner, Stratford, Conn., assignors to American Chain & Cable Company, Inc., New York, N. Y. Jacketed projectile and applying the jacket to the core. 2,309,350; Jan. 26.
- Southwestern Engineering Company. (See Kraut, Max, assignor.)
- Southwick, William S., East Lynn, assignor to Thomson-Gibb Electric Welding Company, Lynn, Mass. Welding device. 2,310,022; Oct. 12.
- Southworth, Rodney C., Providence, assignor to Hemphill Company, Central Falls, R. I. Fabric take-up for knitting machines. 2,333,897; Nov. 9.
- Southworth, Rodney C., Providence, and N. H. Smith, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Automatic wrap stripe knitting machine. 2,307,959; Jan. 12.
- Souza, Antonio, Cambridge, Mass. Lady's handbag or pocketbook. 2,312,130; Feb. 23.
- Sowden, Alfred, Arkansas City, Kans. Machine and apparatus for packing flour, mill feeds, and the like. 2,311,706; Feb. 23.
- Sowers, Andy, Trosper, Ky. Well tool. 2,324,886; July 20.
- Spaeth, Charles P., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of nitrourea. 2,317,784; Feb. 23.
- Spagnolo, Cosimo D., Brooklyn, N. Y. Retractable bayonet. 2,330,637; Sept. 28.
- Spahn, Charles F., Jr., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical contacting device. 2,319,754; May 18.
- Spahn, Jacob, Denver, Colo. Rapid-change vehicle wheel. 2,335,548; Nov. 30.
- Spahn, Joseph A., Chicago, Ill. Grass trimmer. 2,318,430; May 4.
- Spanne, Edward P., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Gimp cord guard for buttonhole sewing machines. 2,323,494; July 6.
- Spanhour, Joseph F., Jr., Morganton, N. C., assignor of one third to N. J. Jewett, Arlington County, Va. Copying printed or written matter. 2,320,666; June 1.
- Spalding, A. G., & Bros. Inc. (See Dickson, J. E., and Innes, assignors.)
- Spalding, John D., Los Angeles, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Rotary draw works. 2,327,467; Aug. 24.
- Spang, Robert S., (See Birdsall, E. H., and Spalding.)
- Späthy, Jacques. (See Schenk, H., and Sprung, assignors.)
- Spator, Richard F. (See Farmer, P. M., Evans, and Spator.)
- Spangel, Edgar W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sizing. 2,324,601; July 20.
- Spaul, Abraham N., New York, N. Y. Flexible collapsible fluid container and producing same. 2,323,629; July 1.
- Spanel, Abraham N., New York, N. Y. Composite rubber article and producing same. 2,324,735; July 20.
- Spang, Ferdinand J., Butler, Pa. Plug for oil and gas wells. 2,313,178; Mar. 9.
- Spang, Joseph P., Quincy, assignor to Cube Steak Machine Company, Inc., Boston, Mass. Meat-slicing machine. 2,318,807; May 11.
- Spang, Joseph P., Quincy, assignor to Cube Steak Machine Co., Boston, Mass. Poultry dressing machine. 2,327,224; Aug. 17.
- Spangenberg, Charles B., Philadelphia, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve. 2,336,641; Dec. 14.
- Spargo, Charles, Long Beach, Calif. Sink. 2,336,811; Dec. 14.
- Spangler, Earl D. (See Byus, V., and Spangler.)
- Spangler, Irl M., Oklahoma City, Okla., assignor to Lane-Weiss Company, Los Angeles, Calif. Setting tool for bridging plugs. 2,326,404; Aug. 10.
- Spann, William L. (See Bouvet, R., and Spann.)
- Spargo, John. (See Mader, Emil A., assignor.)
- Sparks, Harry P., West Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric service installation. 2,323,252; June 29.
- Sparks, Alva P. (See Webb, V. C., and Sparks.)
- Sparks, Charles E. (See Rossander, S. S., Kvalnes, and Sparks.)
- Sparks, Charles E. (See Rossander, S. S., Sparks, and Maynard, Jr.)
- Sparks, Charles E., Wilmington, and J. W. Libby, Jr., Claymont, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Water-soluble azo dyes from aminocresyloxy-acyl-diamines. Re. 22,287; Mar. 9.
- Sparks, Charles E. and J. H. Trepagnier, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Trisazo dye. 2,322,750; June 29.
- Sparks, William J. (See Beekley, N. S., Jr., and Sparks.)
- Sparks, William J. (See Cloud, G. H., and Sparks.)
- Sparks, William J. (See Thomas, R. M., and Sparks.)
- Sparks, William J. (See Thomas, R. M., Lightbown, and Sparks.)
- Sparks, William J., Elizabeth, and D. C. Field, Berlant Park, N. J., assignors to Standard Oil Development Company. Resinous polymeric material. 2,322,670; June 22.
- Sparks, William J., and R. Rosen, Elizabeth, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Lubricating composition. 2,336,195; Dec. 7.
- Sparks, William J., Elizabeth, and D. C. Field, Linden, N. J., assignors to Standard Oil Development Company. Preparation of synthetic resins. 2,336,648; Dec. 14.
- Sparks, William L., Hartsdale, N. Y. Label holder for filing systems. 2,307,970; Jan. 12.
- Sparks, William L., Hartsdale, N. Y. Ring binder. 2,318,431; May 4.
- Sparks-Withington Company, The. (See Patterson, William J., assignor.)
- Sparks-Withington Company, The. (See Scofield, Theodore F., assignor.)
- Spauling, Elliott W., assignor to Stereo, Inc., Los Angeles, Calif. Stereoscopic slide. 2,336,195; Dec. 7.
- Sparrow, Hubert T., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Stoker control. 2,335,318; Jan. 12.
- Sparrow, Hubert T., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Safety pilot burner. 2,311,785; Feb. 23.
- Spaht, Herman. (See Jenewein, A., and Spaht.)
- Spatz, Harry F., Woodhaven, N. Y. Traction and anti-skid device for vehicles. 2,322,171; June 15.
- Spaulding, Carl W., Worcester, Mass. Duplex wire coil-in machine. 2,337,420; Dec. 1.
- Spaulding, Wellington H., West Hempstead, Long Island, N. Y. Building unit. 2,319,166; May 11.
- Spaulding, William H. (See Dittus, F. W., Bertoglio, and Spaulding.)
- Speakman, John B., Far Headingley, Leeds, assignor to Cefoil Limited, Maidenhead, England. Manufacture of textile fibers. 2,319,168; May 11.
- Speakman, John B., Far Headingley, Leeds, and N. H. Chamberlain, Headingley, Leeds, assignors to Cefoil Limited, Maidenhead, England. Manufacture of artificial textile yarns or films. 2,317,492; Apr. 27.

- Spear, George T., Lakeland, Fla. Drainpipe conveyer. 2,333,208; Nov. 2.
- Spear, Walter A., assignor to Victor Electric Products, Inc., Cincinnati, Ohio. Ventilating fan. 2,316,634; Apr. 13.
- Spear, Walter A., assignor to Victor Electric Products, Inc., Cincinnati, Ohio. Electric iron. 2,318,811; May 11.
- Spicer, Walter A., assignor to Victor Electric Products, Inc., Cincinnati, Ohio. Electric fan assembly. 2,331,056; Oct. 5.
- Spicer, Wendell C. (See Ellis, H. E., and Spear.)
- Spear, Wendell C., Wapakoneta, and H. Welch, Lima, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric motor system. 2,313,975; Mar. 16.
- Speare Supply Company, The. (See Humbaugh, R. H., and Utesch, assignors.)
- Spears-Wells Machinery Co., The. (See Wells, Ira M., assignor.)
- Specht, Herman C., Houston, Tex. Tool holder. 2,314,665; Mar. 23.
- Specht, Clifford V., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Method of making welded tube. 2,322,671; June 22.
- Special Equipment Company. (See Ewald, Mark, assignor.)
- Special Equipment Company. (See Ewald, Raymond L., assignor.)
- Special Equipment Company. (See Ewald, R. L., and Sydig, assignor.)
- Special Equipment Company. (See Nawman, Rollie B., assignor.)
- Specialties Development Corporation. (See Diehl, Walter S., assignor.)
- Specialties Development Corporation. (See Doxsey, A. M., and Heigis, assignors.)
- Specialties Development Corporation. (See Grant, Harry C., Jr., assignor.)
- Specialties Development Corporation. (See Heigis, H. E., assignor.)
- Specialties Development Corporation. (See Heigis, H. E., and Towart, Jr., assignors.)
- Specialties Development Corporation. (See Mapes, Daniel, assignor.)
- Specialties Development Corporation. (See Thomsen, William A. V., assignor.)
- Specialties Manufacturing Company. (See Batzle, Charles H., assignor.)
- Specialty Engineering Company. (See Parker, George W., Jr., assignor.)
- Specialty Insulation Manufacturing Company. (See Bate-golds, Clinton, assignor.)
- Speck, William C., Lamesa, Tex. Cultivator attachment. 2,329,794; Sept. 21.
- Speckert, Siegfried, Southgate, assignor to Abegg & Reinhold Co. Ltd., Vernon, Calif. Aligning connection for drill collars. 2,320,107; May 25.
- Spedaller, Peter. (See James, William L., assignor.)
- Speed Products Company. (See Crosby, Stephen A., assignor.)
- Speed Products Company. (See Kipp, Calvin P., assignor.)
- Speedy Graving Corporation. (See Kott, Hermann, assignor.)
- Speer, Alexander S., Buffalo, N. Y. Wallboard joint structure. 2,314,523; Mar. 23.
- Speer Resistor Corporation. (See Veley, Hugh N., assignor.)
- Speicher, Frank S., and L. C. Hauer, assignors to M. E. Cunningham Company, Pittsburgh, Pa. Stamping die. 2,317,561; Apr. 27.
- Speicher, John C., Newark, assignor to Hercules Powder Company, Wilmington, Del. Coated paper. 2,319,957; May 25.
- Speir, Robert W., Jr., assignor to Reynolds Metals Company, Richmond, Va. Carton. 2,319,641; May 18.
- Speirs, Richard J., Cameron, Wis., assignor to Abbotts Dairies, Inc., Philadelphia, Pa. Chilling and packing cream. 2,327,140; Aug. 17.
- Spelser, Ralph W., assignor to Toro Manufacturing Corporation of Minnesota, Minneapolis, Minn. Lawn mower. 2,329,952; Sept. 21.
- Spell, Perry W., Roseboro, N. C. Stalk cutter. 2,337,355; Dec. 21.
- Spence Engineering Company. (See Spence, Paulsen, assignor.)
- Spence, Ernest I. (See Nutter, F. E., and Spence.)
- Spence, James W., New York, N. Y., assignor to Du-Rapel Corporation, Indianapolis, Ind. Plating process. 2,327,076; Aug. 24.
- Spence, John. (See Carroll, B. H., and Spence.)
- Spence, John, and S. S. Sweet, assignors to Eastman Kodak Company, Rochester, N. Y. Preparing flexible cellulose triacetate materials. 2,336,310; Dec. 7.
- Spence, John L., Jr., Brooklyn, assignor to Leventhal Patents, Inc., New York, N. Y. Slack controller. 2,319,092; May 11.
- Spence, Le Roy U., Elkins Park, D. J. Butterbaugh, and F. W. Robinson, assignors to Röhm & Haas Company, Philadelphia, Pa. Preparation of nitriles from primary alcohols using catalysts containing silver. 2,337,421; Dec. 21.
- Spence, Le Roy U., Elkins Park, R. N. Washburne, and D. J. Butterbaugh, assignors to Röhm & Haas Company, Philadelphia, Pa. Preparation of nitriles from primary alcohols. 2,337,422; Dec. 21.
- Spence, Paulsen, East Orange, N. J., assignor to Spence Engineering Company, Inc., Walden, N. Y. Cooling system. 2,314,524; Mar. 23.
- Spence, Paulsen, East Orange, N. J., assignor to Spence Engineering Company, Inc., Walden, N. Y. Hot-water system. 2,324,736; July 20.
- Spence, Zeno B., Goldsboro, N. C. Case for spectacles or eye glasses. 2,330,152; Sept. 21.
- Spencer Aircraft Motors, Inc. (See Spencer, Louis R., assignor.)
- Spencer, Allan T., Jr., Gerber, Calif. Earth mover. 2,323,428; July 6.
- Spencer, Charles D., Cleveland Heights, Ohio, assignor to General Electric Company. Quartz tungsten seal. 2,316,999; Apr. 20.
- Spencer, Earl B., et al. (See Medenwald, Arthur L., assignor.)
- Spencer, H. M., Inc. (See Spencer, John A., assignor.)
- Spencer, H. M., Springfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Power supply system. 2,329,010; Sept. 7.
- Spencer, Isidor, Chicago, Ill. Garment. 2,325,888; Aug. 3.
- Spencer, Ismael. (See Valenzuela, Pedro, assignor.)
- Spencer, James A., Teaneck, N. J., assignor to Radio Corporation of America. Telegraph code converter. 2,309,222; Jan. 26.
- Spencer, James A., Teaneck, N. J., assignor to Radio Corporation of America. Signal storage in telegraph printer systems. 2,327,075; Aug. 17.
- Spencer, James A., Teaneck, N. J., assignor to Radio Corporation of America. Signal storage in telegraph printer systems. 2,336,197; Dec. 7.
- Spencer, John A., assignor to H. M. Spencer, Inc., South Hadley Falls, Mass. Dandy roll construction. 2,312,678; Mar. 2.
- Spencer, John A., South Hadley Falls, assignor to Spencer Specialties Inc., West Springfield, Mass. Paper making. 2,335,830; Nov. 30.
- Spencer, John A., assignor to H. M. Spencer, Inc., South Hadley Falls, Mass. Dandy roll construction. 2,335,831; Nov. 30.
- Spencer, John T. (See Jannisse, L. L., and Spencer.)
- Spencer, Kellogg and Sons, Inc. (See Schwarzman, Alexander, assignor.)
- Spencer Lens Company. (See Bailey, Stanley J., assignor.)
- Spencer Lens Company. (See Bennett, A. H., and Estey, assignors.)
- Spencer Lens Company. (See Blaisdell, Roland E., assignor.)
- Spencer Lens Company. (See Cockburn, Wilbert M., assignor.)
- Spencer Lens Company. (See Estey, Roger S., assignor.)
- Spencer Lens Company. (See Estey, R. S., and Harper, assignors.)
- Spencer Lens Company. (See Fasslin, Gustave, assignor.)
- Spencer Lens Company. (See Gary, C. L., and Harper, assignors.)
- Spencer Lens Company. (See Harper, K. W., Gradisar, Armagost, and Peck, assignors.)
- Spencer Lens Company. (See Harper, K. W., and Roeder, assignors.)
- Spencer Lens Company. (See Luneburg, Rudolf K., assignor.)
- Spencer Lens Company. (See MacDonald, George S., assignor.)
- Spencer Lens Company. (See MacDonald, G. S., and Trafton, assignors.)
- Spencer Lens Company. (See Osterberg, Harold, assignor.)
- Spencer Lens Company. (See Richards, Oscar W., assignor.)
- Spencer Lens Company. (See Rooney, John T., assignor.)
- Spencer, Lloyd. (See Taylor, F. A., and Spencer.)
- Spencer, Lloyd. (See Turechek, G. E., and Spencer.)
- Spencer, Lloyd, assignor to Lane-Wells Company, Los Angeles, Calif. Formation tester. 2,313,369; Mar. 9.
- Spencer, Lloyd, assignor to Lane-Wells Company, Los Angeles, Calif. Side-wall sampling device for well bores. 2,326,405; Aug. 10.
- Spencer, Lloyd, assignor to Lane-Wells Company, Los Angeles, Calif. Gun perforator. 2,326,406; Aug. 10.
- Spencer, Lloyd, assignor to Lane-Wells Company, Los Angeles, Calif. Gun perforator. 2,327,141; Aug. 17.
- Spencer, Lloyd, assignor to Lane-Wells Company, Los Angeles, Calif. Gun perforator. 2,331,057; Oct. 5.
- Spencer, Lloyd, assignor to Lane-Wells Company, Los Angeles, Calif. Firing mechanism for gun perforators. 2,336,812; Dec. 14.
- Spencer, Louis R., assignor to Spencer Aircraft Motors, Inc., West Hartford, Conn. Valve actuating mechanism. 2,322,172; June 15.
- Spencer, Louis R., assignor to Spencer Aircraft Motors, Inc., West Hartford, Conn. Valve actuating mechanism. 2,322,173; June 15.
- Spencer, Louis R., assignor to Spencer Aircraft Motors, Inc., West Hartford, Conn. Valve actuating mechanism. 2,322,174; June 15.

- Spencer, Millard C., East Orange, assignor to Crocker-Wheeler Electric Manufacturing Company, Amperes, N. J. Electrical control system. 2,332,611; Oct. 26.
- Spencer & Morris (See Medenwald, Arthur L., assignor.)
- Spencer, Percy L., West Newton, assignor to Raytheon Production Corporation, Newton, Mass. Fuse. 2,334,730; Nov. 23.
- Spencer, Rolf E., London, assignor to Electric & Musical Industries, Limited, Hayes, England. Radio receiving system. 2,323,630; July 6.
- Spencer Specialties Inc. (See Spencer, John A., assignor.)
- Spencer Turbine Company, The. (See Paine, Wilbur V., assignor.)
- Spencer Turbine Company, The. (See Smith, Lester C., assignor.)
- Spencer, Virgil, assignor to Armstrong Cork Company, Lancaster, Pa. Making flexible hard surface coverings and apparatus therefor. 2,326,105; Aug. 3.
- Spender, Donald L., assignor to Sevvil Manufacturing Company, Waterbury, Conn. Atomizer. 2,311,496; Feb. 16.
- Spente, Charles D., Northenden, England. Nozzle used for sand blasting purposes. 2,332,407; Oct. 19.
- Spenner, Fred H., assignor to Scullin Steel Co., St. Louis, Mo. Truck side frame. 2,322,599; June 22.
- Sperrlich, Herman A. (See Happe, Arthur H., assignor.)
- Sperrlich, Herman A., Detroit, Mich. Ironing machine support. 2,314,173; Mar. 14.
- Sperring, Curran C., assignor to Petroleum Conversion Corporation, Elizabeth, N. J. Production of motor fuel of low sulphur content. 2,319,354; May 18.
- Sperry, Elmer A., Jr., New York, N. Y., assignor to Sperry Products, Inc., Hoboken, N. J. Repeater system for magnetic compasses. 2,325,253; June 29.
- Sperry Gyroscope Company. (See Carter, Leslie F., assignor.)
- Sperry Gyroscope Company. (See Carlsano, Francis E., assignor.)
- Sperry Gyroscope Company. (See Cooke, W. T., and Maeder, assignor.)
- Sperry Gyroscope Company. (See Draper, Charles S., assignor.)
- Sperry Gyroscope Company. (See Draper, C. S., and Wrigley, assignors.)
- Sperry Gyroscope Company. (See Esval, Orland E., assignor.)
- Sperry Gyroscope Company. (See Hemstreet, Albert B., assignor.)
- Sperry Gyroscope Company. (See Hodgman, Frederick S., assignor.)
- Sperry Gyroscope Company. (See Hull, Harvard L., assignor.)
- Sperry Gyroscope Company. (See Kanyon, Theodore W., assignor.)
- Sperry Gyroscope Company. (See Lane, Arthur W., assignor.)
- Sperry Gyroscope Company. (See Lyman, J., and Norden, assignors.)
- Sperry Gyroscope Company. (See Murtagh, Hugh, assignor.)
- Sperry Gyroscope Company. (See Norden, E., and Weckel, assignors.)
- Sperry Gyroscope Company, Incorporated. (See Murtagh, H., and Harding, assignors.)
- Sperry Gyroscope Company, Incorporated. (See Nisbet, R. H., and Harding, assignors.)
- Sperry, Helen B., executrix. (See Sperry, Philmore F.)
- Sperry, Luke H., assignor to Hercules Powder Company, Wilmington, Del. Treatment of chlorine. 2,333,748; Nov. 9.
- Sperry, Philmore F. (See Briskin, T. S., and Sperry.)
- Sperry, Philmore F., deceased, and P. F. and J. Briskin, Chicago, Ill.; H. B. Sperry, executrix; said executrix assignor, by mesne assignments, to T. H., P. F., and J. Briskin. Camera and view finder means therefor. 2,322,399; June 22.
- Sperry, Philmore F., Chicago, Ill., deceased; H. B. Sperry, executrix, assignor, by mesne assignments, to T. H., P. F., and J. Briskin. Film magazine positioning and ejecting mechanism. 2,322,400; June 22.
- Sperry, Philmore F., deceased, and T. S. Briskin; H. B. Sperry, executrix, assignors to Reverse Camera Company, Chicago, Ill. Motion picture camera construction. 2,322,401; June 22.
- Sperry, Philmore F., Chicago, Ill., deceased; H. B. Sperry, executrix, assignor, by mesne assignments, to T. H., P. F., and J. Briskin. Camera control means. 2,323,576; July 6.
- Sperry, Pierce, Middlefield, Ohio. Outlet connector for tanks. 2,310,877; Feb. 9.
- Sperry, Pierce, Middlefield, Ohio. Outlet connector with strainer for tanks. 2,316,724; Apr. 13.
- Sperry Products Inc. (See Crawford, Ernest A., assignor.)
- Sperry Products, Inc. (See De Lanty, Loren J., assignor.)
- Sperry Products, Inc. (See Jones, George L., assignor.)
- Sperry Products, Inc. (See Roede, Charles B., assignor.)
- Sperry Products, Inc. (See Shayne, Alexander, assignor.)
- Sperry Products, Inc. (See Shayne, A., and Wittkuhns, assignors.)
- Sperry Products, Inc. (See Sperry, Elmer A., Jr., assignor.)
- Sperry Products, Inc. (See Wittkuhns, B. A., and Shayne, assignor.)
- Sperry Products, Inc. (See Zeitlin, Alexander, assignor.)
- Sperry-Sun Well Surveying Company. (See Ballard, Hyde W., assignor.)
- Sperry-Sun Well Surveying Company. (See Isaacks, J. D., and Jones, assignors.)
- Sperry-Sun Well Surveying Company. (See Kothny, Gottfrank L., assignor.)
- Sperry-Sun Well Surveying Company. (See Kothny, G. L., and Smith, assignors.)
- Sperry-Sun Well Surveying Company. (See Smith, George A., assignor.)
- Spertl, George, assignor to The Institutum, Divi Thomae Foundation, Cincinnati, Ohio. Toilet preparation. 2,320,478; June 1.
- Spertl, George, assignor to The Institutum, Divi Thomae Foundation, Cincinnati, Ohio. Topical remedy. 2,320,479; June 1.
- Spertl, George, Covington, Ky., assignor to Science Laboratories, Inc., Norwood, Ohio. Sterilization or treatment apparatus. 2,327,142; Aug. 17.
- Speth, Leonard S., assignor, by mesne assignments, to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem. 2,312,679; Mar. 2.
- Speth, Lloyd G., East Cleveland, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Valve casting. 2,319,115; May 11.
- Spicer, Alvin W., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for preventing the accumulation of ice. 2,320,017; May 25.
- Spicer, Harold W., assignor of one-half to A. A. Whitford, Dunellen, N. J. Gasket. 2,321,257; June 8.
- Spicer Manufacturing Corporation. (See Lewis, Robert P., assignor.)
- Spicer Manufacturing Corporation. (See Peterson, C. D., and Barth, assignors.)
- Spicer, William E., and K. G. Schrey, Baton Rouge, La., assignors to Standard Oil Development Company. Preparing catalyst. 2,316,726; Apr. 13.
- Spiegel, Louis. (See Holbrook, G. E., and Spiegler.)
- Spiegler, Louis, Webster, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of indoles. 2,307,244; Jan. 5.
- Spielman, Joseph. (See Pargman, I., and Spielman.)
- Spielman, Samuel. (See Gold, A., and Spielman.)
- Spiers, Walter A., Akron, Ohio. Portable cooking device. 2,334,847; Nov. 23.
- Spiele, Bonifant, assignor to Madine Manufacturing Company, Racine, Wis. Radiator construction. 2,308,119; Jan. 12.
- Splevak, Louis A., West Los Angeles, Calif. Drill guide. 2,335,614; Nov. 30.
- Spillhaus, Athelstan F., University Heights, N. Y., assignor to Submarine Signal Company, Boston, Mass. See Spiller. 2,314,372; Mar. 23.
- Spillhaus, Athelstan F., University Heights, N. Y., assignor to Submarine Signal Company, Boston, Mass. Bathothermograph. 2,331,810; Oct. 12.
- Spiller, William R., Dayton, assignor to Harris-Seaybold-Potter Company, Cleveland, Ohio. Tie stitch mechanism. 2,317,308; Apr. 26.
- Spiller, William R., Dayton, Ohio, H. W. Alden and R. K. Super, assignors, to The Timken-Detroit Axle Company, Detroit, Mich. Brake mechanism. 2,337,069; Dec. 21.
- Spillers Limited. (See Evans, Cyril H., assignor.)
- Spillo, Edward J., Chicago, Ill. Measuring and dispensing device for packaged material. 2,318,812; May 11.
- Spillo, William A. (See Grossguth, T., Spillo, and Vasquez.)
- Spinaase, Arthur E., Mount Vernon, Ohio. Producing plate and thick glass. 2,336,510; Dec. 14.
- Spinello, Matthew, assignor of one-half to L. J. Wood, Rockford, Ill. Clutch for lawn mower reel drive mechanisms. 2,332,118; Oct. 19.
- Spinner, Isidore. (See Nelson, C. B., and Spinner.)
- Spinner, Isidore, and C. B. Nelson, Chicago, Ill. Binding machine. 2,334,589; Nov. 16.
- Spinner, Isidore, and C. B. Nelson, Chicago, Ill., and G. Schieman, New York, N. Y., assignors to International Plastic Corporation, Chicago, Ill. Laminating machine. 2,334,963; Nov. 23.
- Spinuzzi, Frank, assignor to G. D'Amico Macaroni Company, Chicago, Ill. Macaroni spreader device. 2,308,552; Jan. 19.
- Spiral Binding Company. (See Freundlich, Albert, assignor.)
- Spiro, Edward H., Jr., and J. Nisenson, New York, N. Y., said Nisenson assignor to said Spiro. Bird cage feeder. 2,334,590; Nov. 16.
- Spiselman, Louis. (See Rosenberg, G., and Spiselman.)
- Spitz, Henry. (See Bolten, J., and Spitz.)
- Spitzner, Erich, Chicago, Ill. Game card. 2,322,324; June 22.
- Splvak, Charles, Englewood, N. J., assignor to Micro Musical Products Corp., New York, N. Y. Mute. 2,318,535; May 4.
- Spaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,316,817; Apr. 20.
- Spaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,330,249; Sept. 28.

Sponge Rubber Products Company, The. (See Daley, F. M., and De Wyk, assignors.)

Sponge Rubber Products Company, The. (See De Wyk, Ludolf H., Jr., assignor.)

Spooner, Edgar C. R., Swansea, Wales, assignor, by mesne assignments, to The Anglo California National Bank of San Francisco, San Francisco, Calif., as trustee. Manufacture of metallic magnesium. 2,334,451; Nov. 16.

Spooner, Henry W., Cleveland Heights, Ohio. Fuse for projectiles. 2,331,633; Oct. 12.

Spooner, John M. (See Miller, H. J., and Spooner.)

Spooner, Reginald A. W., Walton-on-Thames, England. Coupling or engaging device. 2,331,851; Oct. 12.

Sportolari, Frank, Pittsburgh, Pa. Apparatus for forming coated frozen confections. 2,328,508; Aug. 31.

Sportolari, Frank, Pittsburgh, Pa. Forming coated frozen confections. 2,334,654; Nov. 16.

Sportolari, Frank, Pittsburgh, Pa. Apparatus for forming coated frozen confections. 2,336,649; Dec. 14.

Spotnalls, Inc. (See Crooks, Charles E., assignor.)

Sprague, Charles A., assignor to The Hays Corporation, Michigan City, Ind. Removable absorbing agent unit for gas analyzers. 2,312,285; Feb. 23.

Sprague, Clarence B., assignor to American Box Board Company, Grand Rapids, Mich. Container. 2,312,598; Mar. 2.

Sprague, Howard M. (See Sprague, Roy E. and H. M.)

Sprague, Robert M., Wilmington, Calif., assignor to Regan Forge and Engineering Company. Blowout preventer and valve. 2,313,177; Mar. 9.

Sprague, Robert H. (See Brooker, L. G. S., and Sprague.)

Sprague, Robert C., Williamstown, and F. W. Godsey, Jr., assignors to Sprague Specialties Co., North Adams, Mass. Electrical condenser. 2,324,178; July 13.

Sprague, Roy E. and H. M., Joliet, Ill. Manufacture of insulating material. 2,327,896; Aug. 17.

Sprague Specialties Co. (See Godsey, Frank W., Jr., assignor.)

Sprague Specialties Co. (See Podolsky, Leon, assignor.)

Sprague Specialties Co. (See Robinson, Preston, assignor.)

Sprague Specialties Co. (See Sprague, R. C., and Godsey, assignors.)

Sprague, Vinton G. (See Holden, W. H. T., Hubbard, Lewis, Malthaner, and Sprague.)

Sprang, Austin. (See Degering, E. F., and Sprang.)

Sprankle, George D., Lower Merion Township, Montgomery County, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Locomotive cab supporting means. 2,321,527; June 8.

Sprankle, George D., Lower Merion Township, Montgomery County, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Locomotive hose connection. 2,324,602; July 20.

Spraragen, Louis, Bridgeport, Conn., assignor to Angier Products, Inc., Cambridge, Mass. Latex adhesive. 2,318,126; May 4.

Spraragen, Louis, assignor to Bridgeport Fabrics, Inc., Bridgeport, Conn. Sealing strip. 2,319,709; May 18.

Spraragen, Louis, assignor to Bridgeport Fabrics, Inc., Bridgeport, Conn. Weather strip. 2,337,303; Dec. 21.

Sprayberry, Bryce R. (See Faucher, Andrew J., assignor.)

Spraying Systems Co. (See Vegell, Albert, assignor.)

Sprecher, Peter V., Milwaukee, Wis. Lighting fixture. 2,331,811; Oct. 12.

Sprecker, Alfred Le R., Freeport, and Le R. S. Smithers, Kew Gardens, assignors to International Business Machines Corporation, New York, N. Y. Computing scale. 2,313,179; Mar. 9.

Sprecher, John K., Newark, assignor to Hercules Powder Company, Wilmington, Del. Static-free sheeting. 2,324,887; July 20.

Sprenger, Gerhard E. (See Nawlasky, P., and Sprenger.)

Spruet, Celest R. (See Grasswick, Carl A., assignor.)

Sprigman, Charles J., Woodbury, N. J., and S. T. Powell, Baltimore, Md., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treating industrial cooling water. 2,312,221; Feb. 23.

Spring, Clarence D., Des Moines, Iowa. Radiating furnace. 2,313,370; Mar. 9.

Spring Packing Corporation. (See Ripley, C. T., and Gibbs, assignors.)

Spring, Samuel, Philadelphia, Pa. Drawing lubricant. 2,329,731; Sept. 21.

Springborn, John F., assignor to Hammond Bag & Paper Company, Pittsburgh, W. Va. Device for closing and carrying containers. 2,314,252; Mar. 16.

Springer, Leopold, Union City, N. J. Orthopedic appliance and brace. 2,332,119; Oct. 19.

Springer, Ray W., Detroit, Mich. Door lock mechanism. 2,322,892; June 29.

Springfield Leather Products Co., The. (See Lupfer, Robert N., assignor.)

Sprinkle, Walter O., Galveston, Ind. Bale loading machine. 2,325,433; July 27.

Sprung, Walter. (See Schenk, H., and Sprung.)

Spruth, Edward F., assignor to Morris Paper Mills, Chicago, Ill. Display container. 2,308,396; Jan. 12.

Sprulock, J. B. (See Sims, J. A., Sprulock, and Lewis, assignors.)

Spyker, William. (See Heacock, W. A., Swift and Spyker.)

Square D Company. (See Angst, Walter, assignor.)

Square D Company. (See Bierenfeld, Josef, assignor.)

Square D Company. (See Carbonara, Victor E., assignor.)

Square D Company. (See Clark, George H., assignor.)

Square D Company. (See Jackson, John G., assignor.)

Square D Company. (See Jackson, J. G., and Kingdon, assignors.)

Square D Company. (See Jackson, J. G., and Maseng, assignors.)

Square D Company. (See Kingdon, Ralph H., assignor.)

Square D Company. (See Kollman, Paul, assignor.)

Square D Company. (See Lennholm, Gustav A., assignor.)

Square D Company. (See Roby, Frank H., assignor.)

Square D Company. (See Van Valkenburg, Hermon L., assignor.)

Square D Company. (See Woods, William H., assignor.)

Squibb, E. R., & Sons. (See Christiansen, W. G., and Ort, assignors.)

Squibb, E. R., & Sons. (See Fernholz, E., and Stavelly, assignors.)

Squibb, E. R., & Sons. (See Jones, W. S., and Braker, assignors.)

Squibb, E. R., & Sons. (See Lott, William A., assignor.)

Squibb, E. R., & Sons. (See Lott, John M., assignor.)

Squibb, E. R., & Sons. (See Rake, G. W., Shaffer, and McKee, assignors.)

Squire, Jacob, Long Island City, N. Y. Pattern. 2,336,088; Dec. 14.

Sr333 Michael, Inc., Angeles, Calif. Mixing machine. 2,324,179; July 13.

Staak, Julius H., Fort Wayne, Ind., assignor to General Electric Company. Rotatable electrical device. 2,316,635; Apr. 13.

Stabinski, Anthony M., Philadelphia, Pa. Ways for lathes and like machines. 2,330,154; Sept. 21.

Stack, Alfred E., Jr., Essex Falls, N. J., assignor to Buensod-Stack Air Conditioning, Incorporated, New York, N. Y. Air distributing apparatus. 2,312,272; Feb. 23.

Stacey, Raymond W., and T. M. Blomquist, Menlo Park, Calif. Road sign. 2,315,878; Apr. 6.

Stack, Alvilda L., executrix. (See Stack, James R.)

Stack, Elmer S., Arlington, Mass. Water heater. 2,311,484; Feb. 16.

Stack, George T., Portland, Ore. Folding table. 2,321,328; June 8.

Stack, James R., Pittsburgh, Pa., deceased, Alvilda L. Stack, Montpelier, Vt., executrix, assignor, by mesne assignments, to Carnegie-Illinois Steel Corporation, Pittsburgh, Pa. Electrodeposition of tin and its alloys. 2,313,371; Mar. 9.

Stack, James R., Pittsburgh, Pa., deceased, Alvilda L. Stack, Montpelier, Vt., executrix, assignor, by mesne assignments, to Carnegie-Illinois Steel Corporation, Pittsburgh, Pa. Electrodeposition of lead. 2,313,372; Mar. 9.

Stack, James R., Pittsburgh, Pa., deceased, Alvilda L. Stack, Montpelier, Vt., executrix, assignor, by mesne assignments, to Carnegie-Illinois Steel Corporation, Pittsburgh, Pa. Electrodeposition of tin. 2,319,887; May 25.

Stackbin Corporation. (See Shaw, Thomas, assignor.)

Stackbin Corporation. (See Shaw, Thomas E. and R. A., assignors.)

Stackhouse, A. M., et al. (See Moerk, F. N., and Eisenberg, assignors.)

Stackpole Carbon Company. (See Haberberger, Anthony, assignor.)

Stackpole Carbon Company. (See Kreilner, Walter G., assignor.)

Stackpole Carbon Company. (See Lodge, Edmund G., assignor.)

Stackpole Carbon Company. (See Shobert, Erle I., II., assignor.)

Stacy, Thomas F., assignor to The French Oil Mill Machinery Co., Piqua, Ohio. Fluid operated motor. 2,320,759; June 1.

Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Multiple press unit. 2,332,023; Oct. 19.

Stacy, Thomas F., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Fluid operated motor. 2,335,809; Nov. 30.

Stadelmann, Sigmund. (See Schmidt, O., and Stadelmann.)

Stadler, John. (See Gold, R. S., and Stadler.)

Stadler, Robert, Heidelberg, and A. Auerhahn, Neckargemünd, Germany; vested in the Alien Property Custodian. Regeneration of deactivated cuprous chloride solutions. 2,325,631; July 6.

Stadtler, Paul, assignor to Neversag Products, Inc., Flushing, N. Y. Upholstering furniture. 2,327,143; Aug. 17.

Staeger, Stephen A., assignor to The Black-Clawson Company, Hamilton, Ohio. Starter gearing. 2,320,897; June 1.

Stager, Rudolf, Ludwigshafen-on-the-Rhine, P. Assman, Berger, and K. Ehrmann, Mannheim, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of metal carbonyls. 2,311,307; Feb. 16.

Staelin, Carl G., Toledo, Ohio, assignor to Owens-Corning Fiberglass Corporation. Manufacture of fibrous glass. 2,335,135; Nov. 23.

Staff, Charles, Pleasant Ridge, and N. E. Dewes, Royal Oak, Mich., assignors to General Mills, Inc. Milk production curve. 2,332,832; Oct. 26.

- Staff, Charles E., assignor to Carbide and Carbon Chemicals Corporation. Esters of endomethylene hydrophthalic acids with glycol and polyglycol monoethers. 2,311,260; Feb. 16.
- Staff, Charles E., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Esters of endomethylene hexahydrophthalic acids with higher aliphatic alcohols. 2,311,261; Feb. 16.
- Staff, Charles E., and W. N. Stoops, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Plastic composition. 2,311,259; Feb. 16.
- Stafford, Earl, Reading, Mass., and C. H. Walling, New Canaan, Conn., assignors to Z Pack Corporation, Boston, Mass. Poultry freezing. 2,329,226; Sept. 14.
- Stafford, Frank A., Villisca, Iowa. Stock feeder. 2,330,454; Sept. 28.
- Stafford, Guy N., Gardena, assignor to Ira J. McCullough, Los Angeles, Calif. Jarring tool. 2,315,905; Apr. 6.
- Stafford, Roy M., Beaumont, Tex. Electrode holder. 2,330,931; Oct. 5.
- Stafford, Stephen B., Oxford, Mass., assignor to Rice Barton Corporation. Textile printing apparatus. 2,315,459; Mar. 30.
- Stafford, Stephen B., Oxford, and H. A. Smith, Holden, Mass., assignors to Rice Barton Corporation. Movable bearing supports for printing rolls. 2,321,329; Dec. 5.
- Stafford, Stephen M., Chevy Chase, Md. Apparatus for gauging machine parts. 2,309,142; Jan. 26.
- Stag, Irving, Garden City, Mich. Building structure. 2,308,790; Jan. 19.
- Stage, Leo J., Roselle Park, and M. T. Harvey, East Orange, N. J., assignors to Harvel Research Corporation. Stabilized vinyl polymer. 2,330,087; Sept. 21.
- Stagg, Irving, Garden City, Mich. Building structure. 2,308,789; Jan. 19.
- Stagg, Irving, Garden City, Mich. Building structure. 2,329,480; June 1.
- Staggs, Russell W. (See Vedder, E. H., and Staggs.)
- Stagmiller, Arthur F., Upper Montclair, N. J., assignor to General Foods Corporation, New York, N. Y. Nut process. 2,312,265; Mar. 4.
- Stahl, Elmer R., Meyersdale, Pa., and W. T. Stearn, Cumberland, Md., assignors to Celanese Corporation of America. Control device. 2,335,975; Dec. 7.
- Stahl, Gustave D., Melrose Highlands, Mass., assignor, by mesne assignments, to Houdry Process Corporation, Wilmington, Del. Time control apparatus. 2,314,906; Mar. 30.
- Stahl, Leslie W., and R. L. Foster, Houston, Tex., assignors to Emaco Derrick & Equipment Company, Los Angeles, Calif. Slush pump. 2,331,513; Oct. 12.
- Stahl, Maurice D., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,333,449; Nov. 2.
- Stahl, William, et al. (See Wallister, Robert E., assignor.)
- Stahlecker, Wilhelm, Stuttgart-Bad Cannstatt, Germany; vested in the Allen Property Custodian. Guiding arrangement for top rolls. 2,326,979; Aug. 17.
- Stahler, George H., Cleveland, Ohio. Holder for the staff of flags or the like. 2,322,600; June 22.
- Stahly, Eldon E., Baton Rouge, La., assignor, by mesne assignments, to Esso, Incorporated. Refining process. 2,316,028; Apr. 6.
- Stahly, Eldon E., Baton Rouge, La., assignor to Standard Oil Development Company. Isomerization of paraffins. 2,322,275; Oct. 19.
- Stahly, Eldon E., Baton Rouge, La., assignor to Standard Oil Development Company. Catalytic hydrocarbon condensation process. 2,332,276; Oct. 19.
- Stahly, Eldon E., and F. B. Johnson, Baton Rouge, La., assignors to Standard Oil Development Company. Polymerizing olefins. 2,314,458; Mar. 23.
- Stahly, Eldon E., and E. M. Hattox, Baton Rouge, La., assignors to Standard Oil Development Company. Production of motor fuels by alkylation. 2,322,482; June 2.
- Stahly, Grant L., Columbus, assignor to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Making dextran. 2,310,263; Feb. 9.
- Stahly, Grant L., and W. W. Carlson, Columbus, assignors, by mesne assignments, to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Producing soluble benzyl ethers of dextran. 2,328,036; Aug. 31.
- Staib, George A., Norristown, Pa. Stop means for micrometer calipers. 2,320,803; June 1.
- Staines Kitchen Equipment Company Limited. (See Varley, Ernest V., assignor.)
- Stakmore Co. (See Wilkinson, Michael A., assignor.)
- Staky, Carl E., assignor to D. J. Murray Manufacturing Co., Wausau, Wis. Compressed air cooler. 2,329,953; Sept. 21.
- Staley, A. E., Manufacturing Company. (See Gill, Lowell O., assignor.)
- Staley, A. E., Manufacturing Company. (See Seulke, Karl J., assignor.)
- Staley, Homer F., and R. R. Danielson, Elizabeth, N. J., assignors to Thermit Corporation, New York, N. Y. Enameling composition. 2,334,043; Nov. 9.
- Staley, Joseph H., Columbus, Ind. Engine inspection stand. 2,329,860; Sept. 21.
- Staley, Joseph H., Columbus, Ind. Centrifugally operated mercury switch. 2,330,392; Sept. 28.
- Staley, Joseph H., Columbus, Ind. Quick adjustable engine stand base. 2,333,450; Nov. 2.
- Stalker, Edward A., Ann Arbor, Mich. Pump. 2,314,058; Mar. 16.
- Stalder, Alfred R., Marshfield, Oreg. Electrode holder. 2,335,810; Nov. 30.
- Stallings, James W., Haddon Heights, N. J., assignor to Rohm & Haas Company, Philadelphia, Pa. Floor and wall covering. 2,316,746; Apr. 13.
- Stallman, Ralph F., Oakland, Calif. Needle bearing. 2,334,227; Nov. 16.
- Stallmann, Otto, Bridgeton, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye-stuffs of the dibenzanthrone series. 2,318,266; May 4.
- Stalter, Albert J. (See Hauser, A. J., and Stalter.)
- Stalzer, Ferdinand M. (See Vesce, V. C., and Stalzer.)
- Stam, Orville, assignor to Stam-O-Lite, Inc., Chicago, Ill. Light control device. 2,327,144; Aug. 17.
- Stambach, Robert G., Pekin, Ill. Airplane control. 2,318,833; May 11.
- Stambauch, Paul H., assignor to Union Starch & Refining Company, Columbus, Ind. Method and means for starting and maintaining flow of viscous fluids. 2,331,435; Oct. 12.
- Stamberger, Paul, assignor to International Latex Corporation, Dover, Del. Rubber article. 2,308,724; Jan. 19.
- Stamberger, Paul, assignor to International Latex Corporation, Dover, Del. Forming foam rubber and products thereof. 2,321,111; June 8.
- Stamm, Alfred J., and R. M. Seborg, Madison, Wis., assignors to Henry A. Wallace, as Secretary of Agriculture of the United States of America. Process for making improved plywood. 2,321,258; June 8.
- Stamm, Edward W., Portland, Oreg. Cutting rectangular lumber. 2,316,111; Apr. 6.
- Stamm, John J., Chester Heights, Pa., assignor to The Baldwin Locomotive Works. Constant load control for engine generator units. 2,311,285; Feb. 16.
- Stamm, Roger W. (See Constable, J. M., and Stamm.)
- Stammach, Walter. (See Martin H., and Stammach.)
- Stamora, Inc. (See Stam, Orville, assignor.)
- Stampen, Jacob J. (See Babson, H. B., and Stampen.)
- Stampfel, Frank J., Midvale, Utah. Continuous vacuum filter. 2,314,110; Mar. 16.
- Stampill, Joseph G. (See Fordyce, C. R., and Stampill.)
- Stampleman, Samuel C. (See Marcos, J., and Stampleman.)
- Stambraman, Samuel C., Cohasset, and J. Muros, Cambridge, assignors to Gillette Safety Razor Company, Boston, Mass. Magazine razor. 2,318,974; May 11.
- Stamps, Leonorus. (See Selberg, J. P., Stamps, and McEwen.)
- Stamy, David R., Huntington, assignor to The Standard Products Company, Detroit, Mich. Periscope vision device. 2,333,827; Nov. 9.
- Standcliff, Thomas H. (See Harrington, G. G., Standcliff, and Black.)
- Standcliff, Thomas H., assignor to Reed Roller Bit Company, Houston, Tex. Side cutter bearing. 2,334,359; Nov. 16.
- Standcliff, Cecil W., assignor to Winget Limited, Rochester, England. Concrete mixer. 2,331,243; Oct. 5.
- Standco, Incorporated. (See Babolka, Joseph, assignor.)
- Stanco, Incorporated. (See Holmes, R. L., and De Hoff, assignors.)
- Stanco Incorporated. (See Hunn, Edward B., assignor.)
- Stanco Incorporated. (See Hunn, E. B., and Harmsen, assignors.)
- Stanco Incorporated. (See Rose, William H., assignor.)
- Standard Alcohol Company. (See Archibald, Francis M., assignor.)
- Standard Alcohol Company. (See Beamer, Clayton M., assignor.)
- Standard Alcohol Company. (See Brooks, Benjamin T., assignor.)
- Standard Alcohol Company. (See Vesterdal, H. G., and Fulton, assignors.)
- Standard Brands Incorporated. (See Atkin, L., Frey, and Schulz.)
- Standard Brands Incorporated. (See Baker, John C., assignor.)
- Standard Brands Incorporated. (See Buhrig, W. H., and Harff, assignors.)
- Standard Brands Incorporated. (See Eakin, R. E., and Williams, assignors.)
- Standard Brands Incorporated. (See Frellich, J., and Frey, assignors.)
- Standard Brands Incorporated. (See Johnston, W. R., Gore, and Frey, assignors.)
- Standard Brands, Inc. (See Johnston, W. R., Stokes, Kennedy and Frey, assignors.)
- Standard Brands, Inc. (See Kirby, G. W., Johnston, and Frey, assignors.)
- Standard Brands Incorporated. (See Kirby, G. W., Rasmussen, and McHugh, assignors.)
- Standard Brands Incorporated. (See Schultz, A. S., Atkin, and Frey, assignors.)
- Standard Oil and Seal Corporation. (See Irwin, Oliver C., assignor.)
- Standard Catalytic Company. (See Barr, Frank T., assignor.)
- Standard Catalytic Company. (See Cantzler, Adolf, and Krekeler, assignors.)

- Standard Catalytic Company. (See Connolly, Gerald C., assignor.)
- Standard Catalytic Company. (See Duftschmid, F., Linckh, and Winkler, assignors.)
- Standard Catalytic Company. (See Fischer, H. G. M., and Russell, assignors.)
- Standard Catalytic Company. (See Goodwin, Henry S., assignor.)
- Standard Catalytic Company. (See Marshall, Edward T., assignor.)
- Standard Catalytic Company. (See Mayer, Maurice W., assignor.)
- Standard Catalytic Company. (See Pier, M., and Donath, assignors.)
- Standard Catalytic Company. (See Roediger, Joseph C., assignor.)
- Standard Catalytic Company. (See Voorhies, Alexis, Jr., assignor.)
- Standard Catalytic Company. (See Watts, Rhea, assignor.)
- Standard Catalytic Company. (See Welty, Albert B. Jr., assignor.)
- Standard Catalytic Company. (See Welty, A. B., Jr., and Perry, assignors.)
- Standard Catalytic Company. (See Williams, Harold G., assignor.)
- Standard Catalytic Company. (See Woerner, Alfred, assignor.)
- Standard Electric Time Company, The. (See Lunden, Walter W., assignor.)
- Standard Gage Company. (See Emery, Alfred H., assignor.)
- Standard-Knapp Corporation. (See Blackstone, Clarence W., assignor.)
- Standard-Knapp Corporation. (See Kimball, Wallace D., assignor.)
- Standard Knitting Mills, Inc. (See McDonald, Dorothy L., assignor.)
- Standard Knitting Mills, Inc. (See Mendenhall, Henry W., assignor.)
- Standard Mfg. Co. (See Batcheller, Hugh W., assignor.)
- Standard Mirror Company. (See La Hodny, W., and Bertell, assignors.)
- Standard Oil Company. (See Anderson, John A., assignor.)
- Standard Oil Company. (See Bransky, David W., assignor.)
- Standard Oil Company. (See Bransky, D. W., and Diwoyk, assignors.)
- Standard Oil Company, The. (See Burk, Robert E., assignor.)
- Standard Oil Company, The. (See Burk, R. E., and Hughes, assignors.)
- Standard Oil Company, The. (See Burk, R. E., and Kropp, assignors.)
- Standard Oil Company. (See Butikofer, Robert E., assignor.)
- Standard Oil Company. (See Carmody, Don R., assignor.)
- Standard Oil Company. (See Carmody, D. R., and D'Ouille, assignors.)
- Standard Oil Company. (See Condit, Daniel H., assignor.)
- Standard Oil Company. (See Conn, Arthur L., assignor.)
- Standard Oil Company. (See Diwoyk, Roy J., assignor.)
- Standard Oil Company. (See D'Ouille, E. L., and Carmody, assignors.)
- Standard Oil Company. (See Ducommun, J. C., and Upson, assignors.)
- Standard Oil Company. (See Flint, G. W., and Liebe, assignors.)
- Standard Oil Company. (See Gaynor, J. W., and Loane, assignors.)
- Standard Oil Company. (See Geckler, R. D., and Fragen, assignors.)
- Standard Oil Company. (See Guild, Wilbur G., assignor.)
- Standard Oil Company, The. (See Hughes, Everett C., assignor.)
- Standard Oil Company. (See Kelso, Charles D., assignor.)
- Standard Oil Company. (See Kelso, C. D., and Mixon, assignors.)
- Standard Oil Company. (See Keranen, George M., assignor.)
- Standard Oil Company, et al. (See Layng, E. T., and Marschner, assignors.)
- Standard Oil Company. (See Loane, C. M., and Gaynor, assignors.)
- Standard Oil Company. (See Loane, C. M., Gaynor, and Mixon, assignors.)
- Standard Oil Company. (See Marschner, Robert F., assignor.)
- Standard Oil Company. (See Marschner, R. F., and Carmody, assignors.)
- Standard Oil Company. (See Marschner, R. F., Heard, and Oblad, assignors.)
- Standard Oil Company. (See McLaren, Frederick H., assignor.)
- Standard Oil Company. (See Miller, Clarke C., assignor.)
- Standard Oil Company, The. (See Musselman, John M., assignor.)
- Standard Oil Company. (See Oblad, A. G., and Heard, assignors.)
- Standard Oil Company. (See Ohlinger, Leo A., assignor.)
- Standard Oil Company. (See Parkhurst, George L., assignor.)
- Standard Oil Company. (See Pitzer, Edgar C., assignor.)
- Standard Oil Company. (See Plummer, William B., assignor.)
- Standard Oil Company. (See Postlewaite, William R., assignor.)
- Standard Oil Company. (See Proell, Wayne A., assignor.)
- Standard Oil Company. (See Roberts, Joseph K., assignor.)
- Standard Oil Company. (See Roberts, J. K., and Carbond, assignors.)
- Standard Oil Company. (See Scheineman, Fred W., assignor.)
- Standard Oil Company. (See Schmitkons, George E., assignors.)
- Standard Oil Company. (See See, M. J., and Bailie, assignors.)
- Standard Oil Company. (See Shoemaker, Bernard H., assignor.)
- Standard Oil Company. (See Thiele, Ernest W., assignor.)
- Standard Oil Company. (See Thiele, E. W., and Schmitkons, assignors.)
- Standard Oil Company. (See Thiele, E. W., Schmitkons, and Hull, assignors.)
- Standard Oil Company, The. (See Tighe, William P., assignor.)
- Standard Oil Company. (See Tucker, E. B., and Grubb, assignors.)
- Standard Oil Company, The. (See Volger, Frank, assignor.)
- Standard Oil Company. (See Voorhees, Vanderveer, assignor.)
- Standard Oil Company. (See Wallace, Joseph S., assignor.)
- Standard Oil Company. (See Webber, Ralph C., assignor.)
- Standard Oil Company. (See Webster, Hugh B., assignor.)
- Standard Oil Company. (See Weitkamp, A. W., and Brunstrum, assignors.)
- Standard Oil Company. (See Weitkamp, A. W., and Oblad, assignors.)
- Standard Oil Company. (See White, Claron N., assignor.)
- Standard Oil Company. (See Wickham, H. P., and White, assignors.)
- Standard Oil Company. (See Wiley, E. G., Groshans, and McNeil, assignors.)
- Standard Oil Company of California. (See Batchelder, A. H., and Levine, assignors.)
- Standard Oil Company of California. (See Clayton, J. O., and Farrington, assignors.)
- Standard Oil Company of California. (See Danner, P. S., and Mitthoff, assignors.)
- Standard Oil Company of California. (See Dayhuff, Walter C., assignor.)
- Standard Oil Company of California. (See Dittus, F. W., Bertoglio, and Spaulding, assignors.)
- Standard Oil Company of California. (See Eldredge, Kenneth R., assignor.)
- Standard Oil Company of California. (See Farrington, B. B., Clayton, and Bittler, assignors.)
- Standard Oil Company of California. (See Farrington, B. B., Clayton and Rutherford, assignors.)
- Standard Oil Company of California. (See Farrington, B. B., Humphreys, and Macdonald, assignors.)
- Standard Oil Company of California. (See Fossati, Francis N., assignor.)
- Standard Oil Company of California. (See Gosline, J. E., Postlewaite, and Miller, assignors.)
- Standard Oil Company of California. (See Holm, Melvin M., assignor.)
- Standard Oil Company of California. (See Koether, Emil A., assignor.)
- Standard Oil Company of California. (See Neely, G. L., and Kavanagh, assignors.)
- Standard Oil Company of California. (See Oakley, E. H., and Brooke, assignors.)
- Standard Oil Company of California. (See Oakley, E. H., and Elliott, assignors.)
- Standard Oil Company of California. (See Postlewaite, William R., assignor.)
- Standard Oil Company of California. (See Schultz, T. H., Levine, and Wellman, assignors.)
- Standard Oil Company of California. (See Shiffer, W. H., and Elliott, assignors.)
- Standard Oil Company of California. (See Stratford, Charles W., assignor.)
- Standard Oil Company of California. (See Tuttle, Charles F., assignor.)
- Standard Oil Development Company. (See Antes, Leland L., assignor.)
- Standard Oil Development Company. (See Archibald, Francis M., assignor.)
- Standard Oil Development Company. (See Archibald, F. M., and Harris, assignors.)
- Standard Oil Development Company. (See Arthur, Marion A., assignor.)
- Standard Oil Development Company. (See Arundale, Erving, assignor.)
- Standard Oil Development Company. (See Arundale, E., and Mikeška, assignors.)

- Standard Oil Development Company. (See Bannon, L. A., and Schneider, assignors.)
 Standard Oil Development Company. (See Barnett, L. A. M., and Pitts, assignors.)
 Standard Oil Development Company. (See Bays, George S. Jr., assignor.)
 Standard Oil Development Company. (See Becker, Arman E., assignor.)
 Standard Oil Development Company. (See Beekley, N. S., Jr., and Sparks, assignors.)
 Standard Oil Development Company. (See Betts, Raymond L., assignor.)
 Standard Oil Development Company. (See Blau, Ludwig W., assignor.)
 Standard Oil Development Company. (See Boucher, Frank G., assignor.)
 Standard Oil Development Company. (See Brown, Cecil L., assignor.)
 Standard Oil Development Company. (See Bruce, William A., assignor.)
 Standard Oil Development Company. (See Buc, Hyum E., assignor.)
 Standard Oil Development Company. (See Buc, H. E., and Muesig, assignors.)
 Standard Oil Development Company. (See Buchan, Rudolph C., assignor.)
 Standard Oil Development Company. (See Buckley, Stuart E., assignor.)
 Standard Oil Development Company. (See Buckley, S. E., and Hocott, assignors.)
 Standard Oil Development Company. (See Calhoun, V. R., and Laughlin, assignors.)
 Standard Oil Development Company. (See Calkins, Austin E., assignor.)
 Standard Oil Development Company. (See Cannon, George E., assignor.)
 Standard Oil Development Company. (See Carlson, E. W., and Cyphers, assignors.)
 Standard Oil Development Company. (See Chapman, Thomas S., assignor.)
 Standard Oil Development Company. (See Child, Willard C., and Sparks, assignors.)
 Standard Oil Development Company. (See Cloud, G. H., and Sparks, assignors.)
 Standard Oil Development Company. (See Cohen, Charles A., assignor.)
 Standard Oil Development Company. (See Connolly, Gerald C., assignor.)
 Standard Oil Development Company. (See Connolly, G. C., and Watts, assignors.)
 Standard Oil Development Company. (See Cook, George B., assignor.)
 Standard Oil Development Company. (See Cornell, Paul W., assignor.)
 Standard Oil Development Company. (See Crump, James S., assignor.)
 Standard Oil Development Company. (See Cuthrell, Antum E., assignor.)
 Standard Oil Development Company. (See Dempsey, Henry J., assignor.)
 Standard Oil Development Company. (See Donlan, Theodore R., assignor.)
 Standard Oil Development Company. (See Draeger, A. A., and Saeili, assignors.)
 Standard Oil Development Company. (See Drebs, R. W., and Nicholson, assignors.)
 Standard Oil Development Company. (See Eckel, John E., assignor.)
 Standard Oil Development Company. (See Eckel, J. E., and McCarty, assignors.)
 Standard Oil Development Company. (See Ferguson, Frank A., assignor.)
 Standard Oil Development Company. (See Ferguson, Robert P., assignor.)
 Standard Oil Development Company. (See Ferguson, R. P., and Jones, assignors.)
 Standard Oil Development Company. (See Fischer, Herbert G. M., assignor.)
 Standard Oil Development Company. (See Frollich, Per K., assignor.)
 Standard Oil Development Company. (See Frollich, P. K., and Kellog, assignors.)
 Standard Oil Development Company. (See Fulton, Stewart C., assignor.)
 Standard Oil Development Company. (See Garraway, George H., assignor.)
 Standard Oil Development Company. (See Gaylor, Peter J., assignor.)
 Standard Oil Development Company. (See Gaylor, P. J., and Mahler, assignors.)
 Standard Oil Development Company. (See Gilbert, George R., assignor.)
 Standard Oil Development Company. (See Gilliland, Edwin R., assignor.)
 Standard Oil Development Company. (See Giraitis, Albert P., assignor.)
 Standard Oil Development Company. (See Gleason, Anthony H., assignor.)
 Standard Oil Development Company. (See Gohr, E. J., Thompson, and Martin, assignors.)
 Standard Oil Development Company. (See Green, A. D., and Hemminger, assignors.)
 Standard Oil Development Company. (See Harding, Clarke T., assignor.)
 Standard Oil Development Company. (See Haynes, Cecil J., assignor.)
 Standard Oil Development Company. (See Heigl, John J., assignor.)
 Standard Oil Development Company. (See Hellman, William O., assignor.)
 Standard Oil Development Company. (See Hemminger, Charles E., assignor.)
 Standard Oil Development Company. (See Hemminger, C. E., and Tyson, assignors.)
 Standard Oil Development Company. (See Herbst, Walter A., assignor.)
 Standard Oil Development Company. (See Hermann, Eugene C., assignor.)
 Standard Oil Development Company. (See Hewlett, Amlot P., assignor.)
 Standard Oil Development Company. (See Hewlett, A. P., and Phillips, assignors.)
 Standard Oil Development Company. (See Hibshman, Henry J., assignor.)
 Standard Oil Development Company. (See Hill, Ralph M., assignor.)
 Standard Oil Development Company. (See Hodell, L. R., and Heigl, assignors.)
 Standard Oil Development Company. (See Holloway, Frederic A. L., assignor.)
 Standard Oil Development Company. (See Holloway, F. A. L., and Wilkes, assignors.)
 Standard Oil Development Company. (See Holmes, A., and Hibshman, assignors.)
 Standard Oil Development Company. (See Holt, P. H., 2nd, and Codet, assignors.)
 Standard Oil Development Company. (See Holtzclaw, J. B., and Clemens, assignors.)
 Standard Oil Development Company. (See Holtzclaw, J. B., and Sernluk, assignors.)
 Standard Oil Development Company. (See Howard, Frank A., assignor.)
 Standard Oil Development Company. (See Howell, Lynn G., assignor.)
 Standard Oil Development Company. (See Howell, L. G., and East, assignors.)
 Standard Oil Development Company. (See Huber, Theodore A., assignor.)
 Standard Oil Development Company. (See Hutchins, Leslie W., assignor.)
 Standard Oil Development Company. (See Jones, Minor C. K., assignor.)
 Standard Oil Development Company. (See Jones, M. C. K., and Brandon, assignor.)
 Standard Oil Development Company. (See Jones, M. C. K., and Strickland, assignors.)
 Standard Oil Development Company. (See Kares, Edward H., assignor.)
 Standard Oil Development Company. (See Kass, Charles B., assignor.)
 Standard Oil Development Company. (See Kearby, Kenneth K., assignor.)
 Standard Oil Development Company. (See Kerns, W. J., and Beamer, assignors.)
 Standard Oil Development Company. (See Killough, Walton B., assignor.)
 Standard Oil Development Company. (See Kloss, Stephen A., assignor.)
 Standard Oil Development Company. (See Kuhl, Paul E., assignor.)
 Standard Oil Development Company. (See Kuhl, P. E., and Russell, assignors.)
 Standard Oil Development Company. (See Langmyhr, G. J., assignor., and Sharp.)
 Standard Oil Development Company. (See Leverett, Miles C., assignor.)
 Standard Oil Development Company. (See Lieber, Eugene, assignor.)
 Standard Oil Development Company. (See Lieber, E., and Cashman, assignors.)
 Standard Oil Development Company. (See Lieber, E., and Mikeksa, assignors.)
 Standard Oil Development Company. (See Lieber, E., and Rice, assignors.)
 Standard Oil Development Company. (See Lieber, E., and Thorner, assignors.)
 Standard Oil Development Company. (See Littmann, Edwin R., assignor.)
 Standard Oil Development Company. (See Ludi, William C., assignor.)
 Standard Oil Development Company. (See Ludwig, Blau W., assignor.)
 Standard Oil Development Company. (See Lynch, Charles S., assignor.)
 Standard Oil Development Company. (See Marancik, J. V., and Cooper, assignors.)
 Standard Oil Development Company. (See Mason, Ralph B., assignor.)
 Standard Oil Development Company. (See McAlister, Edward D., assignor.)
 Standard Oil Development Company. (See McArdle, Edward H., assignor.)
 Standard Oil Development Company. (See McClintock, John H., assignor.)
 Standard Oil Development Company. (See McNab, J. G., Wilson, and Winning, assignors.)
 Standard Oil Development Company. (See McNatt, Eugene M., assignor.)

- Standard Oil Development Company. (See Mikeska, Louis A., assignor.)
- Standard Oil Development Company. (See Mikeska, L. A., and Arundale, assignors.)
- Standard Oil Development Company. (See Mikeska, L. A., and Lieber, assignors.)
- Standard Oil Development Company. (See Miller, Pharis, assignor.)
- Standard Oil Development Company. (See Miller, P., and Cloud, assignors.)
- Standard Oil Development Company. (See Miller, P., and Lieber, assignors.)
- Standard Oil Development Company. (See Moor, Herbert H., assignor.)
- Standard Oil Development Company. (See Moore, Thomas V., assignor.)
- Standard Oil Development Company. (See Morway, A. J., and Zimmer, assignors.)
- Standard Oil Development Company. (See Mottlau, A. Y., and Miller, assignors.)
- Standard Oil Development Company. (See Mounce, Whitman D., assignor.)
- Standard Oil Development Company. (See Moyer, Harold J., assignor.)
- Standard Oil Development Company. (See Munday, John C., assignor.)
- Standard Oil Development Company. (See Naiman, C. L., and Graham, assignors.)
- Standard Oil Development Company. (See Nelson, J. F., and Rosen, assignors.)
- Standard Oil Development Company. (See Owen, John J., assignor.)
- Standard Oil Development Company. (See Packie, John W., assignor.)
- Standard Oil Development Company. (See Patterson, John A., assignor.)
- Standard Oil Development Company. (See Paulsen, Henry C., assignor.)
- Standard Oil Development Company. (See Pfennig, R. F., and Davis, assignors.)
- Standard Oil Development Company. (See Phillips, Gerald E., assignor.)
- Standard Oil Development Company. (See Pokorny, D. S., and Moor, assignors.)
- Standard Oil Development Company. (See Pollock, John E., assignor.)
- Standard Oil Development Company. (See Read, Chester L., assignor.)
- Standard Oil Development Company. (See Reeves, Edward D., assignor.)
- Standard Oil Development Company. (See Reeves, E. D., and Kearby, assignors.)
- Standard Oil Development Company. (See Reistle, Carl E., Jr., assignor.)
- Standard Oil Development Company. (See Reynolds, H. C., Jr., and Kellog, assignors.)
- Standard Oil Development Company. (See Ritter, John J., assignor.)
- Standard Oil Development Company. (See Roediger, Joseph C., assignor.)
- Standard Oil Development Company. (See Roetheli, B. E., and Conn, assignors.)
- Standard Oil Development Company. (See Rollman, Walter F., assignor.)
- Standard Oil Development Company. (See Rollman, W. F., and Bonnell, assignors.)
- Standard Oil Development Company. (See Rolshausen, F. W., and Swain, assignors.)
- Standard Oil Development Company. (See Rosen, Raphael, assignor.)
- Standard Oil Development Company. (See Rupp, Walter H., assignor.)
- Standard Oil Development Company. (See Rupp, W. H., and Smith, assignors.)
- Standard Oil Development Company. (See Rupp, W. H., and Thorp, assignors.)
- Standard Oil Development Company. (See Russell, Robert P., assignor.)
- Standard Oil Development Company. (See Salathiel, Richard A., assignor.)
- Standard Oil Development Company. (See Salmikov, Ivan S., assignor.)
- Standard Oil Development Company. (See Savelli, Joseph J., assignor.)
- Standard Oil Development Company. (See Savelli, J. J., and Powers, assignors.)
- Standard Oil Development Company. (See Schneider, H. G., and Bannon, assignors.)
- Standard Oil Development Company. (See Schonberg, J. R., and Maxwell, assignors.)
- Standard Oil Development Company. (See Sewell, Benjamin W., assignor.)
- Standard Oil Development Company. (See Sikes, Samuel T., Jr., assignor.)
- Standard Oil Development Company. (See Smyers, W. H., and Cross, Jr., assignors.)
- Standard Oil Development Company. (See Sparks, W. J., and Field, assignors.)
- Standard Oil Development Company. (See Spicer, W. E., and Schurs, assignors.)
- Standard Oil Development Company. (See Stahly, Eldon E., assignor.)
- Standard Oil Development Company. (See Stahly, E. E., and Hattox, assignors.)
- Standard Oil Development Company. (See Stahley, E. E., and Johnson, assignors.)
- Standard Oil Development Company. (See Stevenson, Hugh M., assignor.)
- Standard Oil Development Company. (See Stratford, Reginald K., assignor.)
- Standard Oil Development Company. (See Stratford, R. K., and Smith, assignors.)
- Standard Oil Development Company. (See Strickland, Barney R., assignor.)
- Standard Oil Development Company. (See Sweeney, William J., assignor.)
- Standard Oil Development Company. (See Swell, Benjamin W., assignor.)
- Standard Oil Development Company. (See Taggart, Mil-lard S., Jr., assignor.)
- Standard Oil Development Company. (See Teague, J. U., and Cannon, assignors.)
- Standard Oil Development Company. (See Thompson, R. R., and Mounce, assignors.)
- Standard Oil Development Company. (See Tongberg, Carl O., assignor.)
- Standard Oil Development Company. (See Tyson, Charles W., assignor.)
- Standard Oil Development Company. (See Tyson, C. W., Murphree, and Fischer, assignors.)
- Standard Oil Development Company. (See Vesterdal, Hans G., assignor.)
- Standard Oil Development Company. (See Welty, Albert B., Jr., assignor.)
- Standard Oil Development Company. (See Wiggen, Mehemet, assignor.)
- Standard Oil Development Company. (See Willauer, Earl E., assignor.)
- Standard Oil Development Company. (See Williams, Morton, assignor.)
- Standard Oil Development Company. (See Winning, C., and Mikeska, assignors.)
- Standard Oil Development Company. (See Young, Philip L., assignor.)
- Standard Oil Development Company. (See Zenor, Hughes M., assignor.)
- Standard Oil Development Company. (See Zimmer, J. C., and McNulty, assignors.)
- Standard Oil Development Company. (See Zimmer, J. C., and Morway, assignors.)
- Standard Oil and Gas Company. (See Sanders, Clyde S., assignor.)
- Standard Pressed Steel Co. (See Hollowell, Howard T., assignor.)
- Standard Process Corporation. (See Ericksson, Emil, assignor.)
- Standard Products Company, The. (See Barnette, Le Roy T., assignor.)
- Standard Products Company, The. (See Husted, Harry A., assignor.)
- Standard Products Company, The. (See Stamy, David R., assignor.)
- Standard Products Company, The. (See Watts, Felix J., assignor.)
- Standard Railway Devices Company. (See Baillie, Wallace E., assignor.)
- Standard Railway Devices Company. (See Bikle, William E., assignor.)
- Standard Railway Devices Company. (See Bonsall, Charles D., assignor.)
- Standard Railway Devices Company. (See Sisson, Vinton E., assignor.)
- Standard Railway Devices Company. (See Small, Arthur E., assignor.)
- Standard Railway Devices Company. (See Swanson, Earl R., assignor.)
- Standard Railway Devices Company. (See West, Victor E., assignor.)
- Standard Railway Devices Company. (See Zeldler, Kurt E., assignor.)
- Standard Railway Equipment Manufacturing Company. (See Bonsall, Charles D., assignor.)
- Standard Railway Equipment Manufacturing Company. (See Glin, Garth G., assignor.)
- Standard Railway Equipment Manufacturing Company. (See Murphy, Walter P., assignor.)
- Standard Railway Equipment Manufacturing Company. (See Swann, James S., assignor.)
- Standard Railway Equipment Manufacturing Company. (See Tangerman, William J., assignor.)
- Standard Railway Equipment Manufacturing Company. (See West, Victor E., assignor.)
- Standard Railway Equipment Manufacturing Company. (See Zeldler, Kurt E., assignor.)
- Standard Register Company, The. (See Davidson, J. T., and Bickel, assignors.)
- Standard Register Company, The. (See Ginsburg, David A., assignor.)
- Standard Register Company, The. (See Metzner, Albert W., assignor.)
- Standard Register Company, The. (See Ratchford, R. G., and Lee, assignors.)
- Standard Register Company, The. (See Ratchford, R. G., and Metzner, assignors.)
- Standard Steel Spring Company. (See Schoonmaker, J. M., Jr., and Stockton, assignors.)
- Standard Steel Works. (See Bliss, Carl G., assignor.)
- Standard Stoker Company, The. (See Mann, H. S., and Martin, assignors.)

- Standard Stoker Company, The. (See Martin, Eugene, assignor.)
- Standard Stoker Company, The. (See Moeller, Otto, assignor.)
- Standard Stoker Company, The. (See Roesch, Frank P., assignor.)
- Standard Stoker Company, The. (See Surdy, Charles J., assignor.)
- Standard Tool and Manufacturing Co. (See Franke, August J., assignor.)
- Standen, George. (See Wilkinson, B., and Standen)
- Standish, Edward K., Soughton, Mass., assignor to The American Thread Company, New York, N. Y. Machine for winding and packaging skeins. 2,331,004; Oct. 5.
- Standish, John F., Winthrop, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Heel-attaching machine. 2,330,318; Sept. 28.
- Standish, John F., Winthrop, assignor to United Shoe Machinery Corporation, Boston, Mass. Heel-holding mechanism. 2,332,024; Oct. 19.
- Standish, John F., Winthrop, and L. S. Macdonald, Beverly, Mass., assignors to United Shoe Machinery Corporation, Flemington, N. J. Grinding machine. 2,332,675; Oct. 26.
- Standish, Milton R. (See Dooley, George W., assignor.)
- Stanford, Joseph B., Akron, Ohio. Gaseous mixture regulator. 2,315,906; Apr. 6.
- Stanford, Raymond, and C. F. Carlson, Pasadena, Calif. Jig for shoe heel wedges. 2,309,020; Jan. 19.
- Stanley, Edward E., executor. (See Stanger, William D.)
- Stanger, William D., deceased, late of Senale Park, N. J., by Ester M. Stanger, Seaside Park, N. J., executrix, assignor to L. Wolf, Elkins Park, E. Wolf, Dresher, H. A. Wolf, Jenkintown, and W. L. Wolf, Rydal, Pa., copartners, trading as National Metal Edge Box Company, Philadelphia, Pa. Metal edge box staying machine. 2,330,750; Sept. 28.
- Stand, Johann M., assignor to Fulper Pottery Company, Flemington, N. J. Glazed pottery. 2,327,076; Aug. 17.
- Stanley, John S. (See Platt, Ernest B., and Stanley.)
- Stanley, John S., and E. B. Platt, assignors to The Youngstown Sheet & Tube Company, Youngstown, Ohio. Method and apparatus for descaling strip material. 2,318,432; May 4.
- Stanforth, Albert V., Withernsea, East Yorkshire, England. Chimney, duct, and the like. 2,331,436; Oct. 12.
- Stanitz, Jacques, Warren, assignor to Mullins Manufacturing Corporation, Salem, Ohio. Upper roll snubber for wringers. 2,311,192; Feb. 16.
- Stanley, George E. (See Rose, J. C., and Stanley.)
- Stanley, Albert E., assignor to Hawaiian Pineapple Company, Limited, Honolulu, Territory of Hawaii. Method and apparatus for treating pineapples. 2,320,054; May 25.
- Stanley, Alfred F., Freeport, Ill. Communiting apparatus. 2,317,416; Apr. 27.
- Stanley, Charles B. (See Johnson, C. R., Pilcher, and Stanley.)
- Stanley, Edmund. (See Olpin, H. C., and Stanley.)
- Stanley, Herbert M., Tadworth, and T. B. Philip, Effingham, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of halogenated hydrocarbons. 2,329,795; Sept. 21.
- Stanley Home Products, Inc. (See Glaskowsky, Nicholas A., assignor.)
- Stanley, James W. (See Clark, T. T., Stanley, and Hayes.)
- Stanley, Julian C., et al. (See Longdin, Harry W., assignor.)
- Stanley, Leopold G., Maplewood, N. J. Billfold or pocket case. 2,328,400; Aug. 31.
- Stanley, Louis H. (See Cary, G. A., and Stanley.)
- Stanley, Richard W. (See McDermott, H. J., and Stanley.)
- Stanley, Robert W. (See Tuck, D. H., and Stanley.)
- Stanley, William C., Portland, Oreg. Handle. 2,318,975; May 11.
- Stanley, William E. (See Guyler, A. F., Boaler, and Stanley.)
- Stanley Works, The. (See Curtiss, George E., Jr., assignor.)
- Stanley Works, The. (See Curtiss, G. E., Jr., and Pagella, assignors.)
- Stanley Works, The. (See Parsons, Stuart W., assignor.)
- Stanley Works, The. (See Powers, Cedric, assignor.)
- Stanley Works, The. (See Robinson, David M., assignor.)
- Stanolind Oil and Gas Company. (See Cloud, Raymond T., assignor.)
- Stanolind Oil and Gas Company. (See Dunn, Thomas H., assignor.)
- Stanolind Oil & Gas Company. (See Hill, Earl S., assignor.)
- Stanolind Oil and Gas Company. (See McKean, John H., and Everett K., assignors.)
- Stanolind Oil and Gas Company. (See Moritz, Burt E., Jr., assignor.)
- Stanolind Oil and Gas Company. (See Silverman, Daniel, assignor.)
- Stanolind Oil and Gas Company. (See Stuart, Robert W., assignor.)
- Stanolind Oil and Gas Company. (See Thompson, Hubert H., assignor.)
- Stanolind Pipe Line Company. (See Heath, Harry E., assignor.)
- Stansbury, Carroll. (See Perrine, R. O., and Stansbury.)
- Stansbury, Carroll. (See Seeger, E. W., and Stansbury.)
- Stansbury, Carroll, Chevy Chase, Md., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controller. 2,302,364; Aug. 10.
- Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Welding controller. 2,309,280; Jan. 26.
- Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controller. 2,326,262; Aug. 10.
- Stanton, Myles J., Bloomfield, N. J., assignor to General Electric Company. Heat exchange surface. 2,308,319; Jan. 12.
- Stanyer, Clarence, South Pasadena, Calif. Dispenser for dry materials. 2,321,869; June 15.
- Staples, Charles F., Birmingham, Mich. Mandrel for honing machines. 2,336,043; Dec. 7.
- Staples, Crawford E. (See Kennerer, R. R., and Staples.)
- Staples, Crawford E. (See Nicholson, F. H., and Staples.)
- Staples, Crawford E., and H. C. Blosser, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,332,874; Oct. 26.
- Staples, John A., University City, B. J., and T. Lewin, Clayton, Mo., and J. W. Goldenberg, assignors to Lewin-Medley Company, East St. Louis, Ill. Tube drawing apparatus. 2,308,123; Jan. 12.
- Stapling Machines Co. (See Boese, Quincy W., assignor.)
- Stapling Machines Co. (See Buch, Philip O.)
- Stapling Machines Co. (See Rosemund, Alfred L., assignor.)
- Staples, Milfred L., assignor to Ontario Research Foundation, Toronto, Ontario, Canada. Maintaining the original characteristics of substances. 2,323,102; June 29.
- Staples, Otis E., Euclid, assignor to The Cleveland Hobbing Machine Company, Cleveland, Ohio. Hobbing machine. 2,307,428; Jan. 5.
- Staples, Sidney J., Cape Elizabeth, Maine, assignor to American Can Company, New York, N. Y. Container opening device. 2,333,692; Nov. 9.
- Star Bucket Pump Company. (See Duncan, George R., assignor.)
- Star Electric Motor Company. (See Hollander, Emil E., assignor.)
- Starbuck, Ernest A., Peoria, Ill. Clamping furnaces to torches. 2,327,677; Aug. 24.
- Starck, Arthur M., Springdale, Conn. Sash balance. 2,307,547; Jan. 5.
- Starck, Arthur M., Springdale, Conn. Weather strip and sash mounting. 2,307,647; Jan. 5.
- Starck, Clemens B. (See Nadeau, G. F., and Starck.)
- Starck, Jesse E., Waterbury, Conn. Decoratively coloring articles in gold colors and the product thereof. 2,313,456; Mar. 9.
- Starck, Jesse E., Waterbury, Conn., assignor to Kansas City Testing Laboratory, Kansas City, Mo. Electrodeposition of cuprous oxides and baths therefor. 2,313,454; Mar. 9.
- Starck, Jesse E., Oakville, Conn., assignor to Kansas City Testing Laboratory, Kansas City, Mo. Producing decorative coatings exhibiting patterns or designs, and product. 2,313,456; Mar. 9.
- Starle, George B., Schenectady, N. Y., assignor to General Electric Company, Panel. 2,322,008; June 15.
- Staring, Wilfred W., Oakland, Calif. Brush cutter. 2,309,223; Jan. 26.
- Stark, Albert C., Sharon Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Stoker grate construction. 2,335,549; Nov. 30.
- Stark Brick Company, The. (See Ramsey, W. S., and Bole, assignors.)
- Stark Bros. Nurseries and Orchards Company. (See Campbell, Robert, assignor.)
- Stark, Henry Moroni. (See Keats, J. L., and Stark.)
- Stark, Stephen. (See Kahle, H., and Stark.)
- Starkey, William C., assignor to L. G. S. Spring Clutches, Incorporated, Indianapolis, Ind. Spring clutch. 2,336,757; Dec. 14.
- Starks, Hugh, assignor of one-fifth to S. L. Smith and one-fifth to C. M. Holmes, Grand Junction, Colo. Rising support. 2,310,043; Feb. 2.
- Starks, John P., II. (See Hegan, C. P., Starks, and Dahlman.)
- Starr, Inc. (See Ferris, Howard J., assignor.)
- Starr, Allan M., Piedmont, assignor to Starr & Sweetland, San Francisco, Calif. Internal combustion engine. 2,315,907; Apr. 6.
- Starr, Arthur T., Chelmsford, England, assignor to Radio Corporation of America. Crystal filter circuit. 2,308,397; Jan. 12.
- Starr, Delano, San Gabriel, Calif. Patching material for rubber goods. 2,319,272; May 18.
- Starr, Harry R., San Francisco, Calif., and W. E. Waddington, Franklin Square, N. Y., assignors to American Telephone and Telegraph Company. Teletypewriter switching system. 2,336,373; Dec. 7.
- Starr & Sweetland. (See Starr, Allan M., assignor.)
- Starrett, L. S., Company, The. (See Loughton, Leslie H., assignor.)
- Starrett, L. S., Company, The. (See Swinney, George T., assignor.)

- Starrett, Rupert M., Bridgeport, Conn., assignor of thirty percent to John Kovats, ten percent to John J. Kovats, and eleven percent to George C. Johnson, all of Fairfield, Conn. Calculating machine. 2,315,908; Apr. 6.
- Staser, Miley J., Long Beach, Calif. Identification holder. 2,333,495; Nov. 2.
- Star Service Division, L. A. Young Spring & Wire Corporation. (See Young, Leonard A., assignor.)
- Start, Ernest. (See Start, Harry W., and Ernest.)
- Start, Harry W., Carlton, and E. Start, Wilford, England. Straightbar knitting machine. 2,314,742; Mar. 23.
- Statia, Edwin V., Sr., assignor of one-half to E. L. Chapman, Detroit, Mich. Grinding wheel truing device. 2,336,758; Dec. 14.
- Staub, Joseph Louis Company. (See Lotter, Adolph G., assignor.)
- Stauter, Walter H. (See Miller, L. G., and Statler.)
- Staub, Alfred. (See Martin, H., Zaeslin, Glatthaar, and Staub.)
- Staub, Alfred. (See Martin, H., Zaeslin, Hirt, Glatthaar and Staub.)
- Staub, Alfred. (See Martin, H., Zaeslin, Hirt, and Staub.)
- Staudinger, Hanns P., Ewell, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Polymerization of styrene-type compounds. 2,330,527; Sept. 28.
- Staudinger, Hanns P., Ewell, and K. H. W. Tuerck, Dan-head, Ede, assignors to The Distillers Company Limited, Edinburgh, Scotland. Production of condensation products of ketene. 2,316,465; Apr. 13.
- Stavely, Homer F. (See Fernholz, E., and Stavely.)
- Stavely, Robert W., Cleveland Heights, Ohio. Apparatus for filling cushions and like articles. 2,320,671; June 1.
- Staver, Edward F., Jackson Heights, N. Y., assignor to Goat Metal Stampings, Inc. One-piece shield for electron emission tubes. 2,321,259; June 8.
- Stayton, Robert D. (See Stoner, H. B., and Stayton.)
- Steadman, Rufus P., and A. O. Riordan, Saginaw, Mich.; said Riordan assignor to Baker Perkins Inc. Dough twisting machine. 2,337,526; Dec. 21.
- Steadman, Rufus P., and A. O. Riordan, Saginaw, Mich.; said Riordan assignor to Baker Perkins Inc. Feeding mechanism for dough twisting machines. 2,337,527; Dec. 21.
- Steadwell, Elery, Scotio, N. Y., assignor to General Electric Company. Electrode holder. 2,320,481; June 1.
- Stearn, William T. (See Stahl, E. R., and Stearn.)
- Stearn, William T., Cumberland, Md., assignor to Celanese Corporation of America. Registering device. 2,322,893; June 29.
- Stearn, William T., Cumberland, Md., assignor to Celanese Corporation of America. Carton. 2,335,366; Nov. 30.
- Stearns, Dick E., Shreveport, La. Insulation testing device. 2,332,182; Oct. 19.
- Stearns, Jason C., Worcester, Mass. Electric switch. 2,335,811; Nov. 30.
- Stearns, Harry T., Glen Ellyn, Ill. Electric generator. 2,338,759; Dec. 14.
- Stearns, Kenneth R., Springfield, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine cylinder apparatus. 2,308,897; Jan. 19.
- Stearns Magnetic Mfg. Co. (See Stearns, Roswell H., assignor.)
- Stearns, Roswell H., Wauwatosa, assignor to Stearns Magnetic Mfg. Co., Milwaukee, Wis. Magnetic separator. 2,326,575; Aug. 10.
- Stebbins, Charles S. (See Bell, M. R., and Stebbins.)
- Steebhart, Bruno, Park Ridge, assignor to The Bell & Howell Company, Chicago, Ill. Governor controlled friction clutch. 2,318,433; May 4.
- Stecher, Henry D. (See Weatherhead, A. J., Jr., and Stecher.)
- Stecher, Henry D., Lakewood, assignor to The Weatherhead Company, Cleveland, Ohio. Tube coupling. 2,321,260; June 8.
- Stecher, Henry D., Lakewood, assignor to The Weatherhead Company, Cleveland, Ohio. Making tube couplings. 2,332,353; Oct. 19.
- Stecher, Henry D., Lakewood, assignor to The Weatherhead Company, Cleveland, Ohio. Tube coupling and making same. 2,332,354; Oct. 19.
- Stecher, Henry D., Lakewood, assignor to The Weatherhead Company, Cleveland, Ohio. Tube coupling and making same. 2,332,355; Oct. 19.
- Stecher, Henry D., Lakewood, and J. N. Paquin, Euclid, assignors to The Weatherhead Company, Cleveland, Ohio. Dehydrator. 2,323,160; June 29.
- Steckel, Clyde E., Allentown, Pa. Hinge. 2,330,455; Sept. 28.
- Steckel, Ernest W., Slatington, and G. T. Mahler, Palmerston, Pa., assignors to The New Jersey Zinc Company, New York, N. Y. Recovery of volatile metals. 2,310,471; Feb. 9.
- Steckling, Charles, Jr. (See Meyer, G. J., Steckling, and Classen.)
- Steedman, Edwin H., St. Louis, Mo. Recovery of liquid hydrocarbons from well fluids. 2,313,681; Mar. 9.
- Steel, Charles H., assignor to Columbian Rope Company, Auburn, N. Y. Molding apparatus. 2,329,425; Sept. 14.
- Steel Heddle Manufacturing Company. (See Kaufmann, John J., assignor.)
- Steel Heddle Manufacturing Company. (See Kaufmann, John J., Jr., assignor.)
- Steel Sanitary Company, The. (See Chesney, Robert M., assignor.)
- Steel Scaffolding Company, The. (See Halferty, John C., assignor.)
- Steele, Eddie, Coconino County, Ariz. Saddle and saddle construction. 2,315,487; Apr. 6.
- Steele, George, and A. E. Schneider, Chicago, Ill.; said Steele assignor to said Schneider. Artificial tooth. 2,308,553; Jan. 19.
- Steele, Horace M., assignor to United Aircraft Products, Inc., Dayton, Ohio. Rod end connection. 2,309,281; Jan. 26.
- Steele, James W., North Kansas City, Mo. Garment finishing and folding apparatus. 2,310,555; Feb. 9.
- Steele, James W., North Kansas City, Mo. Accessories for ironing apparatus. 2,321,261; June 8.
- Steele, James W., North Kansas City, Mo. Shirt ironing, finishing and folding operation. 2,321,870; June 15.
- Steele, James W., North Kansas City, Mo. Collar support. 2,322,672; June 22.
- Steele, Virgil V., Los Angeles, Calif. Movable shade. 2,324,038; July 13.
- Steele, William R., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Combined deodorant and germicide and making same. 2,328,690; Sept. 26.
- Steenbock, Fred W. (See Naegele, W. P., and Steenbock.)
- Steenen, Bernard, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Twin carburetor intake silencer. 2,322,895; June 29.
- Steenen, Niels R., Copenhagen, Denmark; vested in the Alien Property Custodian. Molding concrete structures. 2,313,207; Mar. 9.
- Steenstrup, Carl H., Schenectady, N. Y., assignor to General Electric Company. Freezing tray. 2,307,606; Jan. 5.
- Steenstrup, Carl H., Schenectady, N. Y., assignor to General Electric Company. Refrigerating machine. 2,315,460; Mar. 30.
- Steenweg, William F. (See De Smidt, W. A., Wilms, and Steenweg.)
- Stees, John A. II. (See Harmon, Lacey L., assignor.)
- Stefano, Joseph. (See LaBelle, D., Sills, and Stefano.)
- Steffens, Eugen, Berlin-Siemensstadt, Germany; vested in the Alien Property Custodian. Broadcast receiver apparatus for automatic press button tuning. 2,335,812; Nov. 30.
- Stegeltz, Hans, Berlin-Johannisthal, and W. Schreiner, Berlin-Nieder-Schönhausen, Germany; vested in the Alien Property Custodian. Fluid pressure operated mechanism for circuit breakers. 2,308,214; Jan. 12.
- Stegeman, Raymond F. E. (See Jobe, F. W., and Stegeman.)
- Stegeman, Raymond F. E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic instrument. 2,319,838; May 25.
- Steghart, Fritz L., assignor of one-half to D. C. Gall, London, England. Amplifier system. 2,329,423; Sept. 14.
- Steidinger, Aaron D., Fairbury, Ill. Water expelling tire assembly. 2,307,429; Jan. 5.
- Steidinger, Aaron D., Fairbury, Ill. Fluid expelling tire assembly. 2,323,495; July 6.
- Steiger, Norbert, and F. Haarde, Lock Haven, Pa., assignors to American Aniline Products, Inc., New York, N. Y. Water insoluble azo dyestuffs and fiber dyed therewith. 2,331,812; Oct. 12.
- Steigerwald, Francis J. (See Kramer, P. H., and Steigerwald.)
- Steik, Karl T., Upper Montclair, assignor to National Oil Products Company, Harrison, N. J. Preparing sulphonated products. 2,328,931; Sept. 7.
- Steimen, Lawrence E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sole pressing machine. 2,333,209; Nov. 2.
- Stein, A., & Company. (See Bullinger, Conrad, assignor.)
- Stein, Albert A., assignor to Cold Spring Granite Company, Cold Spring, Minn. Machine for grinding curved surfaces. 2,320,672; June 1.
- Stein, Albert E., et al. (See Denny, Harry W., assignor.)
- Stein, Charles, Elizabeth, N. J. Reversible cover for combination sinks and tubs. 2,334,293; Nov. 16.
- Stein, Charles, Elizabeth, N. J. Reversible cover for combination sinks and tubs. 2,308,123; Jan. 12.
- Stein, Gerhard, Mannheim, Germany, assignor, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Production of carboxylic acid esters of monochlorhydrins. 2,335,813; Nov. 30.
- Stein, Hall & Company. (See Kupfer, Otto L., assignor.)
- Stein, Hall & Company. (See La Piana, F. G., and Bosland, assignors.)
- Stein, Hall & Company. (See Thompson, T. D., and Caesar, assignors.)
- Stein, Hall Manufacturing Company. (See Bauer, H. F., and Glabe, assignors.)
- Stein, Hall Manufacturing Company. (See Bauer, H. F. and J. V., and Hawley, assignors.)

- Stein, Hall Manufacturing Company. (See Bauer, J. V., and Hawley, assignors.)
- Stein, Hermann, Mudgeburg, Germany; vested in the Allen Property Custodian. Copyholder. 2,317,821; Apr. 27.
- Stein, John P. (See Carmichael, E. M., and Stein.)
- Stein, Michael R., and H. Karlin, New York, N. Y., assignors to Universal Dental Company, Philadelphia, Pa. Denture. 2,322,325; June 22.
- Steinacher, Rudolf, New York, N. Y. Wrench. 2,322,550; June 22.
- Steinberger, Alfred J., Cumberland, Md., assignor to Celanese Corporation of America. Process of coating. 2,318,111; May 4.
- Steinbock, Edmund A. (See Neiman, Robert, assignor.)
- Steinbock, Edmund A. (See Neiman, R., Ernst, and Steinbock.)
- Steinbock, Hans, Dusseldorf-Gerresheim, Germany; vested in the Allen Property Custodian. Glass compositions. 2,335,463; Nov. 30.
- Steinbruck, Ewald, Nutley, assignor to Alfred Heller, Bloomfield, N. J. Pot furnace. 2,333,960; Nov. 9.
- Steiner, Edward C., Paterson, N. J., assignor to Wright Aeronautical Corporation. Valve lock. 2,314,050; Mar. 16.
- Steiner, Edward C., Fairlawn, N. J., assignor to Wright Aeronautical Corporation. Hydraulic valve gear. 2,329,692; Sept. 14.
- Steiner, Frank G., Miami Beach, Fla., assignor to Steiner Sales Company, Salt Lake City, Utah. Latching and door hinging means and arrangement thereof in a cabinet structure. 2,332,761; Oct. 26.
- Steiner, Hubbard W., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Tank fitting. 2,326,263; Aug. 10.
- Steiner, Louis, New York, N. Y. Coin controlled vending machine. 2,330,153; Sept. 21.
- Steiner, Oscar, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Photographic shutter and synchronizing system. 2,308,725; Jan. 10.
- Steiner, Oscar, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Shutter mechanism for photographic cameras. 2,322,733; June 22.
- Steiner, Oscar, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Reflex camera with grid shutter. 2,322,734; June 22.
- Steiner, Oscar, assignor to The Folmer Graflex Corporation, Rochester, N. Y. High speed between the lens photographic shutter. 2,326,077; Aug. 3.
- Steiner, Oscar, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Photographic flash synchronization equipment. 2,329,611; Sept. 7.
- Steiner, Oscar, Irondequoit, assignor to The Folmer Graflex Corporation, Rochester, N. Y. Photographic flashlight equipment. 2,310,165; Feb. 2.
- Steiner, Otto, Berlin-Spandau, Germany; vested in the Allen Property Custodian. Cinematograph camera provided with a magazine. 2,326,980; Aug. 17.
- Steiner, Roy J., Ortonville, Minn. Fold-down ax. 2,329,424; Sept. 14.
- Steiner Sales Company. (See Birr, Rudolph G., assignor.)
- Steiner Sales Company. (See Steiner, Frank G., assignor.)
- Steiner, Waldo L. (See Lincoln, B. H., and Steiner.)
- Steiner, Waldo L. (See Lincoln, B. H., Steiner and Byrkit.)
- Steingraeber, Hellmuth. (See von Pазлсzky, G., and Steingraeber.)
- Steinhart, Karl. (See Werner, E., and Steinhart.)
- Steinhauer, Fritz P., Chicago, Ill. Safety razor. 2,328,752; Sept. 7.
- Steinhofner, Adolf. (See Reppe, W., Steinhofner, and Daumiller.)
- Steinicke, Frank H., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Fire extinguishing. 2,311,884; Feb. 23.
- Steinman, David B. (See Robinson, H. D., and Steinman.)
- Steinman, David B., New York, N. Y. Universal stereo attachment for projectors and cameras. 2,314,174; Mar. 16.
- Steinmayer, Alwin G. (See Schultz, W. O., and Steinmayer.)
- Steinmayer, Alwin G., assignor to Line Material Company, South Milwaukee, Wis. Fuse link construction. Re. 2,319; May 18.
- Steinmayer, Alwin G., Shorewood, assignor to Line Material Company, South Milwaukee, Wis. Fuse. Re. 2,328,752; Oct. 26.
- Steinmayer, Alwin G., assignor to Line Material Company, Milwaukee, Wis. Fuse device. 2,325,555; July 27.
- Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Fuse link construction. 2,328,177; Aug. 31.
- Steinmayer, Alwin G., assignor to Line Material Company, Milwaukee, Wis. Fuse link. 2,333,345; Nov. 2.
- Steinmayer, Alwin G., and C. W. Brown, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Expulsion fuse. 2,334,134; Nov. 9.
- Steinmetz, Samuel, Bridgeport, Conn. Brush and broom. 2,326,576; Aug. 10.
- Steinmetz, Samuel, and I. E. Schine, Bridgeport, Conn. Rotary brush. 2,311,135; Feb. 16.
- Steinmetz, Samuel, and I. E. Schine, Bridgeport, Conn. Steining implement. 2,334,796; Nov. 23.
- Steinmetz, Walter. (See Schuchmann, H., and Steinmetz.)
- Steinruck, Konrad. (See Serini, A., and Steinruck.)
- Steins, Carleton K., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Repair connector for flexible hose. 2,316,898; Apr. 20.
- Steins, Carleton K., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Locomotive cab bracing means. 2,321,330; June 8.
- Steinwand, Otto J., Oakland, assignor to S & W Fine Foods, Inc., San Francisco, Calif. Treating fruit. 2,326,407; Aug. 10.
- Steinwedell, William E., Cleveland Heights, assignor to The Gas Machinery Company, Cleveland, Ohio. Making a substitute gas for natural gas in standard carbureted water gas apparatus. 2,336,311; Dec. 7.
- Steklik, Jan, Prerov, Moravia; vested in the Allen Property Custodian. Range finder. 2,313,208; Mar. 9.
- Steller, Emil, Chicago, Ill. Apparatus for handling mill spindle and coupling. 2,312,131; Feb. 23.
- Stelter, Walter W. P., Echo, Minn. Band snapper for corn husking machine. 2,317,822; Apr. 27.
- Steltner, George W., Los Angeles, Calif. Black-out equipment for windows. 2,325,923; Aug. 3.
- Stelzer, Bertell, now by marriage B. S. Shattock, St. Petersburg, Fla., assignor to W. Stelzer, Detroit, Mich. Hydraulic brake booster. Re. 2,23,348; July 13.
- Stelzer, Bertell, now by marriage B. S. Shattock, St. Petersburg, Fla., assignor to W. Stelzer, Detroit, Mich. Booster for hydraulic braking systems. Re. 2,23,49; July 13.
- Stelzer, Bertell, St. Petersburg, Fla., assignor to W. Stelzer, Detroit, Mich. Hydraulic brake booster. 2,308,460; Jan. 12.
- Stelzer, William. (See Stelzer, Bertell, assignor.)
- Stelzer, William. (See Stelzer, Bertell, and William, assignors.)
- Stelzer, William, Detroit, Mich. Hydraulic brake booster. 2,330,374; Dec. 7.
- Stember, Bernard, Summit, N. J., assignor to Basic Patents Inc., New York, N. Y. Billfold and the like. 2,315,293; Mar. 30.
- Stemen, William R. (See Urbain, O. M., and Stemen.)
- Stemme, Charles A., Large, Pa. Step-in method of operating open hearth furnaces. 2,313,000; Mar. 16.
- Stempel, Edward H., assignor to Young Radiator Company, Racine, Wis. Convector heater. 2,331,634; Oct. 12.
- Stempel, Edward H., and E. E. Johnson, assignors to Young Radiator Company, Racine, Wis. Unit heater. 2,332,762; Oct. 26.
- Stempel, Herman K., and R. E. Freeman, assignors to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 2,314,563; Mar. 23.
- Stempel, Laszlo M., Coraopolis, assignor to The Lithograph Press Manufacturing Company, Pittsburgh, Pa. Adjustable thrust bearing. 2,326,180; Aug. 10.
- Stenberg, Alvin G., Brooklyn, N. Y. Board game apparatus. 2,307,609; Jan. 5.
- Stenberg, Ida C., Minneapolis, Minn. Heat shield. 2,326,981; Aug. 17.
- Stenberg, Knut E. B., Attleboro, Mass. Plasticizing hard plastic material. 2,308,632; Jan. 19.
- Stenger, Leonard A., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Catalyst and process for the hydrogenation of polyhydroxy compounds. 2,325,206; July 27.
- Stengel, Leonard A., and W. K. O'Loughlin, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Separation of furfurylamines. 2,315,139; Mar. 30.
- Stengel, Leonard A., and W. K. O'Loughlin, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Catalyst and process for the hydrogenation of polyhydroxy compounds. 2,325,207; July 27.
- Stenger, Edwin P., assignor to The Cincinnati Mine Machinery Company, Cincinnati, Ohio. Mine machine. 2,332,408; Oct. 19.
- Stenmark, George A. (See Hearn, G. W., and Stenmark.)
- Stenning, Luis C., Park Hill, Ealing, assignor to The General Electric Company Limited, London, England. Valve operated variable reactor. 2,312,982; Mar. 2.
- Stenographic Machines Inc. (See Sterling, John G., assignor.)
- Stensrud, John A., Staples, assignor of one-half to A. J. Hilpert, Bertha, Minn. Insulator remover. 2,329,562; Sept. 14.
- Stensrud, Stanley E. (See Graham, Jesse B., assignor.)
- Stenvik, Kristoffer. (See Goldschmidt, V. M., and Stenvik.)
- Stenzel, Emil, and J. J. Yindrock, assignors to Vapor Car Heat Exchanger Company, Inc., Chicago, Ill. Support for flexible conduits on railway cars. 2,321,434; June 8.
- Stenzel, Emil E. (See Van Vulpes, J., and Stenzel.)
- Stenzel, Richard W., Palos Verdes Estates, and J. G. Suthard, Long Beach, Calif., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Stopcock control device. 2,320,482; June 1.
- Stenzel, Hans, assignor to J. R. Geigy A. G., Basel, Switzerland. Double salts of errous salts and pyridine carboxylic acid amide. 2,317,309; Apr. 20.

- Stepanoff, Alexey J., Easton, Pa., assignor to Ingersoll-Rand Company, New York, N. Y. Controlling device for pumps. 2,324,650; July 20.
- Stephan, Hallis N., Cleveland Heights, assignor, by mesne assignments, to The Lucas Machine Tool Company, Bratenahl, Ohio. Machine tool. 2,310,878; Feb. 9.
- Stephan, Ingo L., Delanco, N. J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Phonograph mounting. 2,325,807; Aug. 3.
- Stephanoff, Nicholas N., Haverford, Pa., assignor to Thermo-Plastic Corporation, Elizabeth, N. J. Method and apparatus for comminuting or drying materials. 2,325,080; July 27.
- Stephansko, Michael T., assignor of one-half to J. Miska, Chicago, Ill. Garbage can. 2,325,808; Aug. 3.
- Stephansko, Michael T., assignor of one-half to J. Miska, Chicago, Ill. Disinfectant receptacle for garbage cans. 2,325,809; Aug. 3.
- Stephen, George A. (See White, H. K., and Stephen.)
- Stephens, Edward W., assignor to Wingfoot Corporation, Akron, Ohio. Portable conveyer. 2,331,813; Oct. 12.
- Stephens, Henry N. (See Livermore, H. J., Lindner and Stephens.)
- Stephens, Joseph E., assignor to Gustin-Bacon Manufacturing Company, Kansas City, Mo. Lining pipe. 2,312,993; Mar. 2.
- Stephens, Percy W., 158,320; Oak Park, Ill. Pressure cooker. 2,305,320; Jan. 12.
- Stephens, Richard T., San Francisco, Calif. Mechanical gravity activated electrical switch. 2,328,855; Sept. 7.
- Stephens, Robert L., Downingtown, Pa. Bark stripping machine. 2,336,375; Dec. 7.
- Stephens, Robert S., Decatur, Ill. Traveling tool carrier. 2,316,747; Apr. 13.
- Stephens, Thomas J., New York, N. Y. Bake oven. 2,337,006; Dec. 14.
- Stephenson, Albert G. (See Marquis, J. A., and Stephenson.)
- Stephenson, Clarence E., et al. (See Stephenson, William E., assignor.)
- Stephenson, James E., assignor to General Railway Signal Company, Rochester, N. Y. Highway crossing gate. 2,310,716; Feb. 9.
- Stephenson, Otis V., United States Army. Film changer warning device. 2,318,021; May 4.
- Stephenson, Tom, West Hartford, assignor, by mesne assignments, to Veeder-Root Incorporated, Hartford, Conn. Register mount. 2,312,599; Mar. 2.
- Stephenson, William E., assignor of thirty-five and five tenths percent to Howard B. Hawk, twenty-six percent to Clarence E. Stephenson, and twelve and five tenths percent to E. Curtis Chambers, all of Missoula, Mont. Laundry bag. 2,315,909; Apr. 6.
- Stereo, Inc. (See Sparling, Elliott W., assignor.)
- Sterick, Harrison D., Pittsburgh, Pa. Heat exchanging element. 2,331,437; Oct. 12.
- Sterling, Allen, Palo Alto, assignor to Fibreboard Products Inc., San Francisco, Calif. Bottle jacket. 2,331,085; Oct. 5.
- Sterling, Bernard A. (See Langos, Otto A., assignor.)
- Sterling, Bernard A., Chicago, Ill., deceased; S. Sterling, executrix. Hair curler. 2,333,254; June 29.
- Sterling, David L. (See Welfeld, H. S., and Sterling.)
- Sterling Drug Inc. (See Walton, Bruce, assignor.)
- Sterling Electric Motors, Inc. (See Johnson, C. E., Mondenhall, and Palm, assignors.)
- Sterling Electric Motors, Inc. (See Palm, Bernhard N., assignor.)
- Sterling Engine Company. (See Larkin, Elwood T., assignor.)
- Sterling, John G., Chicago, Ill., assignor to Stenographic Machines Inc. Stenographic machine. 2,319,273; May 18.
- Sterling, Philip, et al., executors. (See Ayers, Fred L., assignor.)
- Sterling, Robert J., assignor to The Dura Company, Chicago, Ill. Hair curler. 2,331,578; Oct. 12.
- Sterling, Sara, executrix. (See Langos, Otto A.)
- Sterling, Sara, executrix. (See Sterling, Bernard A.)
- Stern, Charles, Jersey City, N. J. Steam control system for locomotive cylinders and steam chests. 2,319,642; May 18.
- Stern, George G., Paterson, N. J. Depth gauge. 2,337,690; Dec. 28.
- Stern, Harold E., et al. (See Bassist, Rudolph, assignor.)
- Stern, John, Philadelphia, Pa. Fluorescent lighting fixture. 2,318,536; May 4.
- Stern, Lewis J., Adrian, Mich., assignor, by mesne assignments, to Schwarze Electric Company, Chicago, Ill. Electric bell. 2,325,081; July 27.
- Stern, Max, New York, N. Y. Briquetting magnesium and magnesium alloy scrap. 2,332,277; Oct. 19.
- Stern, Milton H., Brooklyn, and J. Nisenson, New York, N. Y.; said Nisenson assignor to said Stern. Cornice. 2,323,496; July 6.
- Stern, Milton M. (See Kelly, J. H., Jr., and Stern.)
- Stern, Morris, Cleveland, Ohio. Black-out screen. 2,336,899; Dec. 14.
- Stern, Walter, Anerley, London, England. Device for remote supervision of a periodical motion. 2,333,210; Nov. 2.
- Stern, William, New York, N. Y. Hair dye applicator. 2,308,215; Jan. 12.
- Stern, Yermie, assignor, by mesne assignments, to G. Israel, New York, N. Y. Film and slide projecting apparatus. 2,317,310; Apr. 20.
- Sternad, Frank S., Cuyahoga Falls, and J. P. Sapp, Kent, assignors to The B. F. Goodrich Company, New York, N. Y. Pneumatic tire machine. 2,319,643; May 18.
- Sternad, Frank S., Cuyahoga Falls, and J. P. Sapp, Kent, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Apparatus for building tires. 2,321,163; June 8.
- Sternberg, Huot W., Westport, assignor to The Owen Silent Spring Company, Inc., Bridgeport, Conn. Cable tied spring units. 2,327,749; Aug. 24.
- Sternberg, Huot W., Westport, and R. O. Smith, Milford, assignors to The Owen Silent Spring Company, Inc., Bridgeport, Conn. Bed spring gauge. 2,327,829; Aug. 24.
- Sternbergh, James H. (See Scheffey, George B., assignor.)
- Sterne, Leopold H., New York, N. Y., and W. N. Lurcott, Elizabeth, N. J.; said Lurcott assignor to said Sterne. Polishing machine. 2,313,781; Mar. 16.
- Steps, Robert A., Los Angeles, Calif. Well mechanism. 2,312,600; Mar. 2.
- Sterling Corporation, The. (See Venner, W. M., and Bowser, Jr., assignors.)
- Sterling Electric Motors, Inc. (See Johnson, Carl E., assignor.)
- Sterling Injection Molding, Inc. (See Tegarty, John B., assignor.)
- Sterr, Byron, et al. (See Kofler, Matt G., assignor.)
- Stettett, Robert B., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Latex composition. 2,311,136; Feb. 16.
- Stetler, Lowell, assignor, by mesne assignments, to S. T. Haas, Cleveland, Ohio. Dressing slate. 2,312,299; Feb. 23.
- Stetler, Lowell, assignor, by mesne assignments, to S. T. Haas, Cleveland, Ohio. Grinding machine. 2,326,264; Aug. 10.
- Stetler, Lowell, assignor, by mesne assignments, to Samuel T. Haas, Cleveland, Ohio. Grinding head. 2,332,676; Oct. 26.
- Stetson, John B., Company. (See Diehl, Herman L., assignor.)
- Stettinlus, Kenneth E., and B. F. Dewey, assignors to Lapp Insulator Company, Inc., Le Roy, N. Y. High strength ceramic surfaces. 2,327,972; Aug. 24.
- Stettinlus, Kenneth E., and B. F. Dewey, assignors to Lapp Insulator Company, Inc., Le Roy, N. Y. Making high strength ceramic surfaces. 2,337,691; Dec. 28.
- Stettner, Ludwig W., Piedmont, assignor to Victor Equipment Company, San Francisco, Calif. Aeronautical oxygen regulator. 2,308,124; Jan. 12.
- Stewart, James K., and A. W. Morgan, Jr., Baltimore, Md. Savings checker. 2,329,227; Sept. 14.
- Steuermann, Sergey, New York, N. Y. Producing an intimate mixture between a mass of loose material and fluid or fluids. 2,334,228; Nov. 16.
- Steven, Glenn A., assignor to The Electro Glide Company, Inc., Kansas City, Kans. Automatic shift power transmission. 2,317,339; Apr. 20.
- Stevens, Arthur L., and H. J. D'Innocenzo, assignors to Pierce and Stevens, Incorporated, Buffalo, N. Y. Flash bulb. 2,324,959; July 20.
- Stevens, Bruce E., Demarest, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voltage regulator. 2,333,211; Nov. 2.
- Stevens, Burt D., Barrington, assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Sheet feeding mechanism. 2,313,100; Mar. 9.
- Stevens, Clarence E. (See Loifgren, G. E., and Stevens.)
- Stevens, Clarence E., Greenwich, Conn., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,335,031; Nov. 23.
- Stevens, Donald R., Swissvale, and J. B. McKinley, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Production of phenols and olefins. 2,327,938; Aug. 24.
- Stevens, Fred, assignor to American Cast Iron Pipe Company, Birmingham, Ala. Apparatus for lining pipe. 2,334,294; Nov. 16.
- Stevens, George, Baltimore, Md., assignor to Rustless Iron and Steel Corporation. Twist drill. 2,322,894; June 29.
- Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Dispensing apparatus. 2,308,960; Jan. 19.
- Stevens, Horace D., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Apparatus for tire production. 2,324,985; July 20.
- Stevens, Joseph W., Glens Falls, N. Y. Soap holder. 2,332,409; Oct. 19.
- Stevens, Leland J., assignor to Locke Insulator Corporation, Baltimore, Md. Monorail conveyer. 2,331,860; Oct. 12.
- Stevens, Le Roy L., assignor to California Walnut Growers' Association, Los Angeles, Calif. Nut separating machine. 2,318,976; May 11.
- Stevens, Myles R., New Marlboro, Mass. Rawhide hammer insert. 2,317,862; Apr. 27.

- Stevens, Richard H. and T. Wilson, Baltimore, Md., assignors to Bethlehem Steel Company. Cutting pipe. 2,324,737; July 20.
- Stevens, Richard K. (See Evans, George H., assignor.)
- Stevens, Robert C. (See Laube, G., and Stevens.)
- Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor control system. 2,317,119; Apr. 20.
- Stevens, Sidney C., Green Bay, Wis. Refuse receptacle. 2,303,393; Jan. 12.
- Stevens & Thompson Paper Company. (See Metcalf, Walter W., assignor.)
- Stevens, Walter H. (See Bedford, L. H., Josef, and Stevens.)
- Stevens, William C. (See Hodgson, H. E., Kuhn, and Stevens.)
- Stevenson, Arthur E., and J. M. Boyd, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Packaging fruit and vegetable juices. 2,333,398; Nov. 9.
- Stevenson Engineering Corporation. (See Stevenson, Robert, assignor.)
- Stevenson, Geoffrey, Brookline, Mass., assignor to Lewis Invisible Stick Machine Company, St. Louis, Mo. Blind-stitch sewing machine. 2,333,128; Nov. 2.
- Stevenson, Gerald O., Chesham, assignor to one-half to J. Morris & Sons Limited, Manchester, England. Calculator respecting water streams used for fire fighting or other purposes. 2,307,987; Jan. 12.
- Stevenson, Hugh M., Houston, Tex., assignor to Standard Oil Development Company. Water drain for floating roof tanks. 2,315,023; Mar. 30.
- Stevenson, Mary B., et al., executors. (See Smith, John C.)
- Stevenson, Robert, Barrington, R. I., assignor to Merit Engineering Inc. Check valve. 2,335,844; Nov. 30.
- Stevenson, Robert, Providence, R. I., assignor to Stevenson Engineering Corporation. Rotary seal. 2,321,871; June 15.
- Stevenson, Robert, and A. W. Keema, Providence, R. I., assignors to Merit Engineering, Inc. Loading valve. 2,327,830; Aug. 24.
- Stevenson, Robert O., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Flatiron supporting mechanism. 2,308,125; Jan. 12.
- Stevenson, Robert O., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Flatiron supporting mechanism. 2,308,941; Jan. 19.
- Stevenson, Robert O., assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Thermostatically controlled cooking apparatus. 2,310,044; Feb. 2.
- Stewart, Alexander P., Detroit, Mich. Templet. 2,336,705; Dec. 14.
- Stewart, Alton R. (See Nelson, J., and Stewart.)
- Stewart, Andrew H., Beaver, assignor to The Phoenix Glass Company, Monaca, Pa. Making glass articles. 2,332,076; Oct. 26.
- Stewart, Arthur L., assignor to Gleason Works, Rochester, N. Y. Dressing mechanism. 2,311,202; Feb. 10.
- Stewart, Burns E., assignor to one-half to J. Fleisch, Columbus, Ohio. Electrical connection box. 2,315,746; Apr. 6.
- Stewart, Charles V., Maricopa County, Ariz. Reversible tractor track. 2,329,303; Sept. 14.
- Stewart, Clarence R. G., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Making copper powder. 2,324,960; July 20.
- Stewart, Clifford D. (See Driscoll, Philip J., assignor.)
- Stewart, Clyde E. (See Stimpson, W. P., and Stewart.)
- Stewart, Colby W., West Springfield, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding apparatus. 2,333,595; Nov. 2.
- Stewart, Edward T., St. Paul, Minn. Snow removal machine. 2,318,127; May 4.
- Stewart, F. W., Manufacturing Corporation. (See Koch, Otto C., assignor.)
- Stewart, Frank G., Philadelphia, Pa., assignor, by mesne assignments, to Peacock Laboratories, Inc., Toledo, Ohio. Apparatus for making mirrors. 2,337,282; Dec. 21.
- Stewart, Frederick W., Weston, M. J. Kelly, Elkins, W. Va., and A. J. Reek, Carrick, Pa., assignors to Kelly Foundry and Machine Company, Elkins, W. Va. Method and apparatus for manufacturing glassware. 2,329,012; Sept. 7.
- Stewart, Gilbert, assignor to Ex-Cell-O Corporation, Detroit, Mich. Dressing device for grinding wheels. 2,311,263; Feb. 16.
- Stewart, Howard R., Los Angeles, Calif. Foot contour templates. 2,330,317; Sept. 28.
- Stewart, Ian G. (See Young, A., and Stewart.)
- Stewart Iron Works Company, The. (See Young, Charles F., assignor.)
- Stewart, James A., Scarsdale, assignor to American Can Company, New York, N. Y. Container. 2,311,001; Feb. 16.
- Stewart, John H. F., Pasadena, Calif. Packing for pistons, shafts and the like. 2,332,763; Oct. 26.
- Stewart, Louis G. (See Wise, R. J., Stewart, and Parrott.)
- Stewart, Nelson H., Caldwell, and J. H. Ramage, Bloomfield, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Method of brazing. 2,315,294; Mar. 30.
- Stewart, Patterson O. (See Hanson, Alfred H., assignor.)
- Stewart, Robert G., Sr. (See Kinter, R. F., and Stewart.)
- Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus for sealing containers. 2,311,707; Feb. 23.
- Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Casing machine. 2,319,167; May 11.
- Stewart, Robert J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Method and apparatus for packaging beverages. 2,329,304; Sept. 14.
- Stewart, Robert J., and H. H. Franz, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Closure applying mechanism. 2,311,786; Feb. 23.
- Stewart, Robert J., and H. H. Franz, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Filling machine. 2,329,954; Sept. 21.
- Stewart, Robert M., Knoxville, Tenn., assignor to Electro Manganese Corporation, Minneapolis, Minn. Cell construction. 2,320,806; June 1.
- Stewart, Robert W. (See Karr, H. N., and Stewart.)
- Stewart, Samuel E., Upper Darby, Pa. Fare registering and indicating device. 2,321,164; June 8.
- Stewart, Troy J. (See Morgan, L. C., and Stewart.)
- Stewart, Troy J., Great Bend, assignor to L. C. Morgan, Wichita, Kans. Well treating fluid. 2,320,673; June 1.
- Stewart, Virgil E., Cleveland, Ohio. Fluid controlled transmission. 2,314,253; Mar. 16.
- Stewart-Warner Corporation. (See Beretish, William H., assignor.)
- Stewart-Warner Corporation. (See Christensen, O. Neil, assignor.)
- Stewart-Warner Corporation. (See Davis, Ernest W., assignor.)
- Stewart-Warner Corporation. (See Farr, Willard H., assignor.)
- Stewart-Warner Corporation. (See Fine, Charles A., assignor.)
- Stewart-Warner Corporation. (See Galloway, Charles P., assignor.)
- Stewart-Warner Corporation. (See Harris, Mark, assignor.)
- Stewart-Warner Corporation. (See Mather, Irwin E., assignor.)
- Stewart-Warner Corporation. (See Palm, George H., assignor.)
- Stewart-Warner Corporation. (See Schweisthal, Frederick G., assignor.)
- Stewart-Warner Corporation. (See Whitted, John B., assignor.)
- Stewart-Warner Corporation. (See Williams, Lynn A., Jr., assignor.)
- Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preserving latex and products thereof. 2,318,813; May 11.
- Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Heat-sterilizing fresh latex and product thereof. 2,327,959; Aug. 24.
- Stewart, William D., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Preserving latex and product thereof. 2,327,940; Aug. 24.
- Stewart, William E., Cuyahoga Falls, assignor to one-half to T. A. Te Grotenhuis, Olmstead Falls, Ohio. Formation of porous rubber products. 2,325,637; Aug. 3.
- Stewart, William R., assignor to Northwestern Steel and Wire Company, Sterling, Ill. Electrode holder. 2,332,944; Oct. 26.
- Stibitz, George R., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Binary counter. 2,307,868; Jan. 12.
- Stibitz, George R., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,331,514; Oct. 12.
- Stielber, Merlin A., Kansas City, Mo. Combination dough mixer refrigerating means and water cooling device. 2,315,230; Mar. 30.
- Stick, John C., Jr., South Pasadena, assignor to Lane-Wells Company, Los Angeles, Calif. Firing apparatus for gun perforators. 2,331,058; Oct. 5.
- Stickel, Carl A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,309,797; Feb. 2.
- Stickel, Carl A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,311,975; Feb. 23.
- Stickel, Carl A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,320,055; May 25.
- Stickel, Carl A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,333,899; Nov. 9.
- Stickel, Charles W. (See Tuttle, W. R., and Stickel.)
- Stickless Corporation, The. (See Lichter, Malvin, assignor.)
- Stickney, Fernald S., West Caldwell, and R. C. Hitchcock, Upper Montclair, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermocouple measuring instrument. 2,333,596; Nov. 2.
- Stieh, Henry, Berkeley, Ohio. Bomb. 2,330,393; Sept. 28.
- Stiefel, Frank C., Narberth, Pa. Spraying attachment for fire hose. 2,316,913; Apr. 20.

- Stiefel, Fred W., Milton-on-Hudson, assignor of one-fourth to D. L. Morris, New York, N. Y. Apparatus for the removal of railway rails from pavement. 2,312,937; Mar. 2.
- Stieff, Lorin R. (See Athey, S. W., and Stieff.)
- Stiegler, Harold W., Stamford, and J. M. Hood, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Stabilized wax composition. 2,313,898; May 11.
- Stiegler, Harold W., Stamford, and J. M. Hood, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Stabilized textile finish. 2,331,579; Oct. 12.
- Stieglitz, Henry M. (See Adam, F. B., and Stieglitz.)
- Stieglitz, Henry M., assignor to Frank Adam Electric Company, St. Louis, Mo. Hinged cover for electrical apparatus. 2,324,738; July 20.
- Stieglitz, Hermann W., Marblehead, assignor to Thomson-Gibb Electric Welding Company, Lynn, Mass. Apparatus for spot welding. 2,312,938; Mar. 2.
- Stietzel, Fritz. (See Kuss, E., Hohn, and Stietzel.)
- Stiffler, Harold F., Medway, Ohio. Light trap. 2,329,228; Sept. 14.
- Stiles, Edward M., Burlington, Iowa. Food storage and display device. 2,333,000; Nov. 9.
- Stiles, Harry L., Bridgeport, Conn., assignor to General Electric Company. Mixing device. 2,325,434; July 27.
- Stiles, Herbert T., Suffield, Conn. Method of and apparatus for sterilizing milk. 2,322,721; June 22.
- Stiles, John C. (See Hyland, D. F., Stiles, and Brenner, H. L., and.)
- Stiles, John W., New York, N. Y. Conveyor feeding system. 2,315,880; Apr. 6.
- Stillier, Benjamin, Akron, Ohio. Key case. 2,313,485; Mar. 9.
- Stillier, Eric T., New York, N. Y., assignor to Merck & Co., Inc., Rahway, N. J. Benzylthionium salt of pantothenic acid and making the same. 2,337,576; Dec. 28.
- Stillier, Paul. (See Altman, B., and Stillier.)
- Stillman, William B., A. B. Scott, and J. M. Clampitt, assignors to Norwich Pharmacal Company, Norwich, N. Y. Antiseptics. 2,319,481; May 18.
- Stillwagon, Crawford K., Houston, Tex. Union. 2,318,112; May 4.
- Stillwagon, George B., Jr., assignor of one-half to K. G. Fraser, Dayton, Ohio. Shutoff valve. 2,312,601; Mar. 2.
- Stillwell, Albert L., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Negative feed-back amplifier. 2,337,423; Dec. 21.
- Stilwell, Glenn E. (See Paxton, G. C., and Stilwell.)
- Stilwell, Glenn E., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Nailing machine. 2,321,165; June 8.
- Stilwell, Neil C., Richmond, Ind. Box opener and pouring spout. 2,318,899; May 11.
- Stilwell, William E., Jr., Cincinnati, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Overload protective electromagnetic switch. 2,335,888; Dec. 7.
- Stimpson, Walter F. (See Connors, Carl L., assignor.)
- Stimpson, Walter F. (See Ott, William, assignor.)
- Stimpson, Walter F., and M. J. Lachance, Louisville, Ky., said Lachance assignor to said Stimpson. Weighing scale. 2,311,264; Feb. 16.
- Timson, Allen G., Marblehead, Mass., assignor to General Electric Company. Thermal overload relay. 2,313,597; Mar. 9.
- Timson, Allen G., Lynnfield, Mass., assignor to General Electric Company. Relay. 2,322,069; June 15.
- Stinath, Fred W., Cuyahoga Falls, Ohio. Tire removing tool. 2,307,473; Jan. 5.
- Stinson, George F., Nuneaton, England. Screw-cutting lathe. 2,321,530; June 8.
- Stirling, Frederick D., assignor to T. McAvity & Sons Ltd., Montreal, Quebec, Canada. Blow-off valve. 2,319,907; May 25.
- Strickorb, John R., Cincinnati, assignor to Science Laboratories, Inc., Norwood, Ohio. Light source. 2,307,971; Jan. 12.
- Stites, Joseph D., New York, N. Y. Reinforcing bar. 2,324,651; July 20.
- Stivason, William H. (See Marquart, Frank, and Stivason.)
- Stoehmal, Stanley, Chicago, Ill. Stairs track. 2,312,273; Feb. 23.
- Stock, Herman, New York, N. Y. Furrier's knife. 2,313,598; Mar. 9.
- Stock, Charles R., Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Urea-formaldehyde resin molding. 2,333,396; Nov. 2.
- Stockbridge, Enos S., et al. (See Everts, Walter W., assignor.)
- Stocker, Arthur C., Collingswood, N. J., assignor to Radio Corporation of America. Tunable circuits. 2,320,483; June 1.
- Stocker, Clozman P., et al. (See Hoge, Henry M., assignor.)
- Stocker, William M., Hollis, assignor to Cameron Machine Company, Brooklyn, N. Y. Severing webs. 2,327,468; Aug. 24.
- Stoekmayer, Hugo, Rutherford, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Composition for use in printing. 2,331,245; Oct. 5.
- Stockton, Alfred C., Los Angeles, Calif. Latch mechanism. 2,337,531; Dec. 21.
- Stockton, Franklin. (See Schoonmaker, J. M., and Stockton.)
- Stoddard, Edgar S., Berwyn, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Washing apparatus. 2,314,666; Mar. 23.
- Stoddard, Edgar S., Berwyn, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Sealing means. 2,324,332; July 13.
- Stoddard, Edgar S., Berwyn, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Cover sealing means. 2,324,333; July 13.
- Stoddard, Edgar S., Berwyn, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Washing apparatus. 2,337,358; Dec. 21.
- Stoddard, Elliott J., Highland Park, Mich., and J. W. Myers, Philadelphia, Pa., said Stoddard assignor to said Myers. Apparatus for integrating time and temperature. 2,320,310; May 25.
- Stoddard, Ralph N. (See Dawson, J. W., and Stoddard.)
- Stoddard, Ralph N., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Blasting machine. 2,326,696; Aug. 10.
- Stoeckel, Albert L. (See Perkins, G. H., and Stoeckel.)
- Stoecklin, Ernst. (See Froehlich, J., Stoecklin, and Tobler.)
- Stoewer, Johann J., Teltow-Seehof, and W. Linnhoff, Berlin-Lankwitz, Germany, assignors to North American Rayon Corporation, New York, N. Y. Spinning viscose. 2,315,559; Apr. 6.
- Stoekly, Johann J., Teltow-Seehof, and W. Linnhoff, Berlin-Lankwitz, Germany, assignors to North American Rayon Corporation, New York, N. Y. Producing high strength and crimped staple fibers from viscose. 2,315,560; Apr. 6.
- Stoeke, Erwin R., deceased; L. Stoeke, executrix, assignor to Globe-Union Inc., Milwaukee, Wis. Variable resistance. 2,309,798; Feb. 2.
- Stoeke, Lillian, executrix. (See Stoeke, Erwin R.)
- Stoelling, Herman O., assignor to Line Material Company, Milwaukee, Wis. Lightning arrester. 2,331,852; Oct. 12.
- Stoen, Clifford L., West St. Paul, Minn., assignor to The Warner & Swasey Company, Cleveland, Ohio. Toolholder for machine tool turrets. 2,330,156; Sept. 21.
- Stoesser, Wesley C., assignor to The Dow Chemical Company, Midland, Mich. Preparation of malonic esters. 2,337,858; Dec. 28.
- Stoete, Cornelis J., Haarlem, Netherlands; vested in the Alien Property Custodian. Light advertising device. 2,311,909; Feb. 23.
- Stoewener, Fritz. (See Klein, H., Seidler, and Stoewener.)
- Stoewener, Fritz, deceased, by H. E. Stoewener, administratrix, and E. Keuncke, Lotwisshafen-on-the-Rhine, and F. Becke, Mannheim, Germany; vested in the Alien Property Custodian. Catalytic reactions with carbonaceous materials. 2,337,944; Dec. 28.
- Stoewener, Hedwig E., administratrix. (See Stoewener, F., Keuncke, and Becke.)
- Stoffel, Lester L., Lakewood, assignor to The Ohio Carbon Company, Cleveland, Ohio. Resistor. 2,324,961; July 20.
- Stoffer, Virgil L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber covered roll and making same. 2,329,796; Sept. 21.
- Stofflet, Harry F., Allentown, Pa. Crane. 2,334,295; Nov. 16.
- Stoffregen, Harry F., Jr. (See Groene, W. F., and Stoffregen, Jr.)
- Stogermayr, Fred, Hoboken, N. J. Fishing tackle. 2,315,295; Mar. 30.
- Stolber, Joseph. (See Tuttle, F. E., and Stolber.)
- Stoker, Nelson D., assignor to James R. Kearney Corporation, St. Louis, Mo. Protective devices for electrical conductors. 2,337,751; Dec. 28.
- Stoker, Robert J., Gary, Ind., assignor to Carnegie-Illinois Steel Corporation. Guiding device. 2,309,547; Jan. 26.
- Stoker, Robert J., Gary, Ind., assignor to Carnegie-Illinois Steel Corporation. Apparatus for continuously conditioning conveyor rolls. 2,324,652; July 20.
- Stokes, F. J. Machine Company. (See Strauss, William, assignor.)
- Stokes, F. J. Machine Company. (See Westin, Charles J., assignor.)
- Stokes, John C. (See Hoffoss, J. E., and Stokes.)
- Stokes, John S., Huntington Valley, assignor to Stokes and Smith Company, Philadelphia, Pa. Container. 2,330,015; Sept. 21.
- Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Coring apparatus. 2,330,155; Sept. 21.
- Stokes, John C., assignor to Reed Roller Bit Company, Houston, Tex. Wireline core barrel. 2,330,157; Sept. 21.
- Stokes and Smith Company. (See Bleam, Edgar W., assignor.)
- Stokes and Smith Company. (See Bleam, E. W., and Grotewold, assignors.)

- Stokes and Smith Company. (See First, George B., assignor.)
- Stokes and Smith Company. (See First, G. B., and Grotebold, assignors.)
- Stokes and Smith Company. (See Stokes, John S., assignor.)
- Stokes, Stanley, St. Louis, Mo., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Measuring instrument. 2,323,734; July 6.
- Stokes, William E. (See Johnston, W. R., Stokes, Kennedy, and Eddy.)
- Stoll, Willy. (See Grun, A., and Stoll.)
- Stoller, Hugh M. (See Morton, E. R., and Stoller.)
- Stoller, Hugh M., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,321,710; June 15.
- Stolper, Harry, New York, N. Y. Ophthalmic spectacles. 2,318,537; May 4.
- Stolte, Richard C., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Mounting of steering gears. 2,336,511; Dec. 14.
- Stoltz, Glenn E., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Threading device. 2,331,246; Oct. 5.
- Stoltz, Oswald M., and A. D. Roush, Dayton, Ohio. Fabricated hose. 2,318,022; May 4.
- Stolzenberg, Walter W., Riverhead, N. Y., assignor to Radio Corporation of America. Remote control. 2,316,899; Apr. 20.
- Stömmmer, Franz. (See Ranft, L. G., and Stömmmer.)
- Stone, Albert L., Palos Verdes Estates, assignor to Hydriil Company, Los Angeles, Calif. Composite drill collar. 2,328,857; Sept. 4.
- Stone, Allen, Calif. assignor to Pneumatic Co., Inc., Los Angeles, Calif. Mixing and surfacing method. 2,318,339; May 4.
- Stone, Andrew J., Boston, Mass. Refrigerating apparatus. 2,307,548; Jan. 5.
- Stone, Carl H., assignor to Crane Co., Chicago, Ill. Head and cock plugs. 2,328,857; Sept. 7.
- Stone, Charles W., Mooresville, Ind. Prefabricated construction unit. 2,324,039; July 13.
- Stone, Charles N., J. L. Green, and A. A. Paradise, assignors to Deere & Company, Moline, Ill. Combine. 2,332,025; Oct. 19.
- Stone, Edward A., Kansas City, Mo. Cattle tag. 2,331,626; Oct. 12.
- Stone, Frederick E. (See Gentry, Cleo J., assignor.)
- Stone, Henry A. (See Walz, R., and Stone.)
- Stone, J., & Company Limited. (See Nixon, Leslie R., assignor.)
- Stone, John B., Tulsa, Okla., assignor to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,314,022; Mar. 10.
- Stone, Kathryn L., Vincennes, Ind., and M. L. Pool, assignors to The Ohio State University Research Foundation, Columbus, Ohio. Method of and apparatus for generating pictures of the fundus of the living eye. 2,327,612; Aug. 24.
- Stone, Lawrence, Jr., Denver, Colo. Wired music system. 2,312,680; Mar. 2.
- Stone, Lucien B., South Orange, N. J., assignor to Self Winding Clock Company, Inc., Brooklyn, N. Y. Synchronized motor clock movement. 2,332,278; Oct. 19.
- Stone, Robert L. (See Thompson, L., and Stone.)
- Stone, Royal A. (See Thompson, R. F., and Stone.)
- Stone Straw Corporation. (See Maltby, Sidney T., assignor.)
- Stone, Wilfred S. (See Gats, Thomas L., assignor.)
- Stoncipher, William E., Los Angeles, Calif. Folding box. 2,319,371; May 18.
- Stonehill, Albert A., Brooklyn, N. Y., assignor to Johnson & Johnson, New Brunswick, N. J. Treating bristles and product thereof. 2,309,021; Jan. 19.
- Stonehill, Albert A., Brooklyn, N. Y., assignor to Johnson & Johnson, New Brunswick, N. J. Sanitary napkin. 2,312,501; Mar. 2.
- Stoner, Frank R., Jr., Edgeworth, and G. W. Seagren, assignors to Stoner-Mudge, Inc., Pittsburgh, Pa. Coating composition for metals. 2,337,424; Dec. 21.
- Stoner, Harry B., and R. D. Stayton, assignors to Stoner Manufacturing Corporation, Aurora, Ill. Vending machine. 2,324,040; July 13.
- Stoner Manufacturing Corporation. (See Stoner, H. B., and Stayton, assignors.)
- Stoner-Mudge, Inc. (See Gray, D. M., and de Beers, assignors.)
- Stoner-Mudge, Inc. (See Groff, C. H., and Castor, assignors.)
- Stoner-Mudge, Inc. (See Schneider, W. K., and Seagren, assignors.)
- Stoner-Mudge, Inc. (See Stoner, F. R., Jr., and Seagren, assignors.)
- Stoner, Thomas A., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,328,236; Aug. 31.
- Stoops, William N. (See Carruthers, Thomas F., and Stoops.)
- Stoops, William N. (See Staff, C. E., and Stoops.)
- Stoops, William N., Charleston, and W. A. Denison, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Enamel coating. 2,324,739; July 20.
- Stoops, William N., Charleston, and W. A. Denison, South Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Stabilized liquid coating composition. 2,324,740; July 20.
- Stop Motion Devices Corporation. (See Vossen, Edward, assignor.)
- Storch, Max H., assignor to Harry E. Darr, New York, N. Y. Ornamental plastic fabric. 2,335,222; Nov. 23.
- Storer, Norman W., Lawrence, Kans. Instrument for the simultaneous direct determination of latitude and local sidereal time from a single setting on the night sky. 2,316,466; Apr. 13.
- Storer, Richard M., Denver, Colo. Ice release apparatus. 2,337,071; Dec. 21.
- Storey, Alvin B., Cumberland, Md., assignor to Celanese Corporation of America. Cleaning tool. 2,319,355; May 18.
- Storey, Eugene W., Philadelphia, Pa. Shoe lace fastening device. 2,324,962; July 20.
- Storkline Furniture Corporation. (See Feldman, Abraham G., assignor.)
- Stortz, Robert, Racine County, assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Control device. 2,312,274; Feb. 23.
- Story, Richard W., Wrentham, and F. M. Seger, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Stabilized extreme pressure lubricant. 2,331,005; Oct. 5.
- Story, Edward B., Bethel Township, Allegheny County, assignor to A. M. Byers Company, Pittsburgh, Pa. Manufacture of wrought iron. 2,311,002; Feb. 10.
- Storz, Otto, assignor to McGill Manufacturing Company, Valparaiso, Ind. Wheel dressing device. 2,336,650; Dec. 14.
- Stott, Robert D. (See Wamnes, L. B., Stott, and Canney.)
- Stotz, Charles C., San Pedro, Calif. Apparatus for seismic prospecting. 2,336,198; Dec. 7.
- Stout, Charles H., Farmington, assignor to The Cha-Globe Company, Hartford, Conn. Sewing machine mechanism. 2,317,698; Apr. 27.
- Stouffer, Oscar F., Spencer, Iowa. Garage door suspension means. 2,323,161; June 20.
- Stough, Charles R., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,317,311; Apr. 20.
- Stough, George W. (See Luchshman, P., and Stough.)
- Stoughton, Roger W., Nashville, Tenn. assignor to Maltinoughton Chemical Works, St. Louis, Mo. Derivatives of 2,4-oxazolidinedione. 2,338,064; Dec. 28.
- Stout, Charles R., assignor to C. E. Butler, Waterloo, Iowa. Portable motor driven cream separator. 2,310,814; Feb. 9.
- Stout Engineering Laboratories, Inc. (See Smith, Frank M., assignor.)
- Stout, Frederick S., Cynwyd, Pa., W. G. Bond, Holly Oak, Del., and L. A. Lader, Camden, N. J., assignors to F. F. Slocomb Corporation, Wilmington, Del. Ironing machine. 2,317,493; Apr. 27.
- Stout, George P., Baltimore County, Md., assignor to Coca-Cola Company, Wilmington, Del. Detecting foreign ingredients in closed containers. 2,317,559; Apr. 27.
- Stout, George P., Baltimore, Md., assignor to The Coca-Cola Company, Wilmington, Del. Rapid inspection device. 2,331,277; Oct. 5.
- Stout, Harold E., Reading, Pa. Hosiery forming and drying device. 2,330,757; Sept. 28.
- Stout, Raymond K. (See Crane, C. J., Holloman, and Stout.)
- Stout, Raymond K. (See Crane, C. J., Holloman, Stout, and Hurbulesco.)
- Stout, Raymond K. (See Crane, C. J., and Stout.)
- Stout, Raymond K. (See Holloman, G. V., Paulus, and Stout.)
- Stout, Raymond K. (See Paulus, C. L., and Stout.)
- Stout, Raymond K., Dayton, Ohio. Variable speed motor control. 2,331,354; Oct. 12.
- Stout, Raymond K., and C. L. Paulus, Dayton, Ohio. Altimeter or barometer. 2,321,633; June 15.
- Stout, William H., Eugene, Oreg. Pipe coupling means. 2,321,778; June 15.
- Stovall, Gertrude, Los Angeles, Calif. Shield. 2,327,678; Aug. 24.
- Stover, Charles L. (See Bentley, O. W., and Stover.)
- Stover, Emory F., Wynnewood, Pa. Flowmeter. 2,325,714; Aug. 3.
- Stover, Harry E., Leonia, N. J., assignor to Anchor-Hocking Glass Corporation, Lancaster, Ohio. Apparatus for sealing containers. 2,309,548; Jan. 26.
- Stover, Harry E., Leonia, N. J., assignor to Anchor-Hocking Glass Corporation, Lancaster, Ohio. Apparatus for sealing containers. 2,321,779; June 15.
- Stover, Harry E., Connellsville, Pa., assignor to Anchor-Hocking Glass Corporation, Lancaster, Ohio. Conveyor for container sealing apparatus. 2,316,654; Apr. 13.
- Stover, Harry E., and L. A. Von Till, Long Island City, N. Y., assignors to Anchor Hocking Glass Corporation, Lancaster, Ohio. Sealing packages. 2,308,126; Jan. 12.
- Stover, Herbert F., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Eye structure for anchor rods. 2,327,567; Aug. 24.
- Stover Manufacturing & Engine Co. (See Edens, H. N., and Molter, assignors.)

- Stover, Roy B., Toledo, Ohio, and C. A. Hoy, Hoopeston, Ill., said Hoy assignor to Food Machinery Corporation, San Jose, Calif., and said Stover assignor to Owens-Illinois Glass Company. Filling machine. 2,328,401; Aug. 31.
- Stover, Russell, Kansas City, Mo. Apparatus for converting edible compositions. 2,334,296; Nov. 16.
- Stow Manufacturing Company. (See Eisenbeis, George G., assignor.)
- Stowe, Roland M., assignor to Corry Metal Corporation, Corry, Pa. Metal sash structure. 2,326,897; Aug. 17.
- Stowener, Fritz, and R. Keuncke, Ludwigshafen-on-the-Rhine, and F. Becke, Mannheim, Germany; vested in the Alien Property Custodian. Catalytic reactions with carbonaceous materials. 2,331,353; Oct. 12.
- Straat, Harold W., Irondequoit, N. Y., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Refractometer. 2,319,889; May 25.
- Strick, Jacob H., assignor to The Gardner-Richardson Company, Middletown, Ohio. Carton prepared for reclosing. 2,329,797; Sept. 21.
- Strad, James. (See O'Brien, J. J., and Strad.)
- Straeten, Charles L. (See Smith, S. E., and Straeten.)
- Strahl, Samuel, et al. (See Peyton, Edward S., assignor.)
- Strain, Daniel E. (See Dittmar, H. R., and Strain.)
- Strain, Franklin. (See Muskat, I. E., Pollack, Strain, and Franta.)
- Strain, Franklin. (See Pollack, M. A., Muskat, and Strain.)
- Strain, Franklin. (See Pollack, M. A., Strain, and Muskat.)
- Strain, George H., Seaford, England. Apparatus for conveying pulverulent, broken, or like materials. 2,325,715; Aug. 3.
- Strain, Herbert G., Cottonwood, assignor to Par-X-Placer Equipment Co., San Francisco, Calif. Digger. 2,337,133; Dec. 21.
- Strain, William H. (See Dickey, J. B., and Strain.)
- Strait, Charles S., Cleveland, Ohio. Line shaft coupling. 2,334,449; Nov. 16.
- Strait, Mabel S., Conway, Ark. Supporting garment. 2,315,561; Apr. 6.
- Straits, Lloyd A. (See Craig, E. C., and Straits.)
- Strata, Lloyd A., United States Navy. Knapsack-type life preserver. 2,307,810; Jan. 12.
- Straits, Lloyd A., United States Navy. Buckle. 2,314,373; Mar. 23.
- Straits, Lloyd A., United States Navy. Buckle. 2,314,859; Mar. 23.
- Strand, Karl J., Huntington Park, Calif. Mop. 2,323,687; July 6.
- Strandberg, Per P. (See Backstrom, S. M., and Strandberg.)
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Self-interrupting clutch. 2,309,995; Feb. 2.
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow bottom. 2,312,371; Mar. 2.
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,312,372; Mar. 2.
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Hitch device. 2,319,755; May 18.
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,332,612; Oct. 26.
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,334,888; Nov. 23.
- Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Hitch device. 2,334,889; Nov. 23.
- Strang, Perry S., West Hartford, Conn., assignor to The Wireloom Company. Lighting fixture. 2,327,568; Aug. 24.
- Strassberger, Lothar. (See Butenandt, A., and Strassberger.)
- Strassberger, Lothar. (See Hildebrandt, F., and Strassberger.)
- Strassberger, Lothar. (See Schoeller, W., Scribn, Hildebrandt, Strassberger, Kathel, and Logemann.)
- Strasser, Elmer, et al. (See Wallace, William D., assignor.)
- Strasser, Fred, assignor to A. Clavel, Basel, Switzerland. Solder for soldering foils of aluminum and aluminum alloys. 2,335,615; Nov. 30.
- Strassman, Otto A., Akron, assignor of three-quarters to J. Graber, Hartville, Ohio. Vegetable harvester. 2,323,688; July 6.
- Stratford, Charles W., Kansas City, Mo., assignor to Standard Oil Company of California, San Francisco, Calif. Treating oil. 2,308,755; Jan. 19.
- Stratford Development Corporation. (See Putney, David H., assignor.)
- Stratford, Herbert R., Cleveland, Ohio, assignor to The Stratmore Company, Wilmington, Del. Coated abrasive. 2,317,650; Apr. 27.
- Stratford, Reginald K., Corunna, Ontario, Canada, assignor to Standard Oil Development Company. Removal of sulphur compounds utilizing alkali metal phosphates solution and the regeneration of the same. 2,336,651; Dec. 14.
- Stratford, Reginald K., Moore Township, and R. H. Smith, Sarnia, Ontario, Canada, assignors to Standard Oil Development Company. Catalytic cracking process. 2,319,710; May 18.
- Stratford, Reginald K., Corunna, and R. H. Smith, Sarnia, Ontario, Canada, assignors to Standard Oil Development Company. Method for converting hydrocarbon oils. 2,322,070; June 15.
- Stratford, William M., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Refining of hydrocarbons. 2,331,438; Oct. 12.
- Strathmore Paper Company. (See Davidson, Paul B., assignor.)
- Stratmore Company, The. (See Fay, Horace B., assignor.)
- Stratmore Company, The. (See Stratford, Herbert R., assignor.)
- Stratton, Albert O., assignor to Alfred S. Marlow, Ridge-wood, N. J. Self-priming pump. 2,332,875; Oct. 26.
- Stratton, Edgar H. (See Dawes, F. L., and Stratton.)
- Stratton, Frank E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Fastening-inserting machine. 2,318,025; May 4.
- Stratton, Frank E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for applying pressure to soles and shoes. 2,319,274; May 18.
- Stratton, Frank E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Insertion of fastenings. 2,332,677; Oct. 26.
- Stratton, Jerome L., Schenectady, N. Y., assignor to General Electric Company. Electric control circuits. 2,330,638; Sept. 28.
- Stratton, Robert S., Phoenix, Ariz. Evaporative cooler. 2,319,565; May 18.
- Straub, Fritz, Kaiseraugst, and W. Hanhart, Riehen, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Substantive azo dyestuffs and process of making same. 2,314,023; Mar. 16.
- Straub, W. F., & Company. (See Straub, Walter F., assignor.)
- Straub, W. F., & Company. (See Strauch, Frederic P., assignor.)
- Straub, Walter F., assignor to W. F. Straub & Company, Chicago, Ill. Dispensing container construction. 2,313,278; Mar. 9.
- Straub, Walter F., assignor to W. F. Straub & Company, Chicago, Ill. Dispensing closure for containers. 2,320,484; June 1.
- Straub, Walter F., assignor to W. F. Straub & Company, Chicago, Ill. Container with dispensing closure arrangement. 2,320,485; June 1.
- Straubel, Clarence W., assignor to The General Fireproofing Company, Youngstown, Ohio. Erection means for filing material support. 2,310,264; Feb. 9.
- Straubel, Clarence W., assignor to The General Fireproofing Company, Youngstown, Ohio. Drawer with tilting back wall. 2,310,879; Feb. 9.
- Straubel, Clarence W., assignor to The General Fireproofing Company, Youngstown, Ohio. Drawer with tilting back wall. 2,323,632; July 6.
- Straubel, Clarence W., assignor to The General Fireproofing Company, Youngstown, Ohio. Latch-controlled compressor. 2,330,318; Sept. 28.
- Straubel, Clarence W., assignor to The General Fireproofing Company, Youngstown, Ohio. Latch controlled compressor. 2,335,976; Dec. 7.
- Strauch, Claus B., Hazel Green, Wis. Pneumatic protector for automobiles. 2,318,901; May 11.
- Strauch, Claus B., Milwaukee, Wis. Pneumatic protector for automobiles. 2,326,720; Aug. 10.
- Strauch, Frederic P., Wilmette, assignor to W. F. Straub & Company, Chicago, Ill. Commercial display package. 2,318,434; May 4.
- Straughn, William D. R., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic article. 2,311,910; Feb. 23.
- Strauss, Alfred, and L. S. Tucker, Chicago, Ill., assignors to A. F. Dormeyer Mfg. Co. Motor. 2,323,945; July 13.
- Strauss, Carol L., Bangor, Maine. Measuring means for soft solidified materials. 2,335,815; Nov. 24.
- Strauss, Charles, assignor to Arvey Corporation, Chicago, Ill. Garment protector. 2,322,601; June 22.
- Strauss, Charles, assignor to Arvey Corporation, Chicago, Ill. Plastic screen material and making the same. 2,333,618; Nov. 2.
- Strauss, Charles E., Hollywood, Calif. Preparing work for machine. 2,309,260; Jan. 26.
- Strauss, Fred S., assignor to Harte & Company, New York, N. Y. Writing and drawing tablet. 2,333,597; Nov. 2.
- Strauss, William, Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Screw cap molding machine. 2,317,823; Apr. 27.
- Straussberger, Hans J., Brooklyn, assignor to Alfred Hofmann, Inc., West New York, N. J. Welt hook. 2,325,205; July 27.
- Strawn, Lynn R., Port Arthur, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Manufacture of motor fuel. 2,311,096; Feb. 16.
- Strawn, Orval R., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Valve mechanism for dies. 2,331,580; Oct. 12.
- Strawins, Fern A., Corunna, Mich. Connecting lead chains to lower clips. 2,326,408; Aug. 10.
- Streb, Robert J. (See Chappell, R. R., Colt, and Streb.)

- Strecker, Charles E., Arlington, and C. J. Kopriva, Bloomfield, assignors to Lincor Corporation, Belleville, N. J. Swing gate valve. 2,308,393; Jan. 12.
- Strecker, Elmer G., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Form issuing machine. 2,331,635; Oct. 12.
- Streefkerk, Harmen, Curacao, Netherlands West Indies. Breakwater. 2,309,022; Jan. 19.
- Streeter-Amot Company. (See Basquin, O. H., assignor.)
- Streeter-Amot Company. (See Basquin, O. H., and Adair, assignors.)
- Streeter, Carl H. (See Jones, B. M., and Streeter.)
- Strehlow, Eli A. (See Vogt, William B., assignor.)
- Streibel, Ludwig. (See Ehrsmann, A., and Streibel.)
- Streich, Paul E., Maywood, assignor to Charles Bruning Co., Inc., Chicago, Ill. Variable power transmission mechanism. 2,316,538; May 4.
- Streicher, Johann S., assignor to The American Platinum Works, Newark, N. J. Salt bath. 2,328,932; Sept. 7.
- Streicher, Johann S., assignor to The American Platinum Works, Newark, N. J. Salt bath. 2,328,933; Sept. 7.
- Streicher, Johann S., assignor to The American Platinum Works, Newark, N. J. Thermocouple wire. 2,335,707; Nov. 30.
- Streiffert, Josef. (See Hall, V. C., and Streiffert.)
- Stride Tool and Manufacturing Company, The. (See Kiefer, Joseph E., assignor.)
- Strelt, Carlyle F., Cincinnati, Ohio. Chain. 2,325,716; Aug. 3.
- Stressau, Richard, deceased, Wauwatosa, by A. O. Smith Corp., assignee, Milwaukee, Wis. Pressure vessel and fabricating it. 2,322,257; Jan. 12.
- Streuli, Paul. (See Graenacher, C., Streuli, and Frei.)
- Strezoff, Bogdan, Minneapolis, Minn. Bracket for grinding wheels. 2,317,582; Feb. 16.
- Strickland, Barney R. (See Jones, M. C. K., and Strickland.)
- Strickland, Barney R., Roselle, N. J., assignor to Standard Oil Development Company. Refining mineral oils. 2,331,244; Oct. 5.
- Strickland, Harold A., Jr., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Welding apparatus. 2,318,023; May 4.
- Strickland, Harold A., Jr., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Billet heating apparatus. 2,325,638; Aug. 3.
- Strickland, Harold A., Jr., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Heating coil. 2,325,810; Aug. 3.
- Strickland, Harold A., Jr., Grosse Pointe, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Welding apparatus. 2,318,024; May 4.
- Strickland, Leslie C. (See Nixlin, H., and Strickland.)
- Strickland, Merion H., St. Louis, Mo. Recording machine. 2,336,813; Dec. 14.
- Stricklen, John B., assignor to National Rubber Machinery Company, Akron, Ohio. Manufacturing insulated wire. 2,322,483; June 22.
- Strike, George N., Los Angeles, Calif. Welding process. 2,312,451; Mar. 2.
- Strike, George N., Los Angeles, Calif. Cooling delivery machine. 2,314,431; Mar. 23.
- Strike, Louis N. (See Pearson, Otto H., assignor.)
- Striker, Michael S., et al. (See Eddy, Arnold, assignor.)
- Stringham, L. Keever. (See Landis, G. G., and Stringham.)
- Stripe, William C., Scarsdale, N. Y., assignor to Combustion Engineering Company, Inc. Material feeding apparatus. 2,337,945; Dec. 28.
- Strite, Lucile, and G. U. Small, Washington, D. C. Urinal. 2,310,658; Feb. 9.
- Strittler, Karl J., Nahant, Mass. Shoemaking. 2,325,639; Aug. 3.
- Strobel, Charles K. (See Eskin, S. G., and Strobel.)
- Strobel, Howard M., Albany, N. Y. Acceleration high frequency generator. 2,310,815; Feb. 9.
- Strobel, Lester L., Huntington, Ind. Brooder house. 2,335,708; Nov. 30.
- Strobel, Rudolph W., Stephentown, N. Y., assignor to General Electric Company. Electric switch. 2,324,888; July 20.
- Strobel, Samuel, Chicago, Ill. Combination toolholder for lathes. 2,324,603; July 20.
- Strobele, Rudolf. (See Kuhn, R., and Strobele.)
- Strobell, John D., New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Door opener. 2,334,452; Nov. 16.
- Strobino, Louis J., Bethel, Conn. X-ray shield. 2,328,105; Aug. 31.
- Strobridge, William. (See Bowdoin, G. E., and Strobridge.)
- Strobl, Samuel, Chicago, Ill. Shaper tool holder. 2,319,644; May 18.
- Strock, Donald V. (See Matteson, E. A., and Strock.)
- Stroehele, Helen. (See Hardy, Arthur H., assignor.)
- Stroehlen, Richard, Berlin, Germany, assignor to General Electric Company. High temperature elastic fluid turbine. 2,333,053; Oct. 28.
- Strom, Albert P., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,333,598; Nov. 2.
- Strom, Albert P., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current limiting fuse. 2,337,504; Dec. 21.
- Strombeck Press, Inc. (See Edborg, Harold, assignor.)
- Stromberg-Carlson Telephone Manufacturing Company. (See Henderson, Kenneth L., assignor.)
- Stromberg-Carlson Telephone Manufacturing Company. (See Manson, R. H., and Schell, assignors.)
- Stromberg-Carlson Telephone Manufacturing Company, The. (See Powell, Winifred T., assignor.)
- Stromberg-Carlson Telephone Manufacturing Company. (See Vincent, Andrew W., assignor.)
- Strommer, Earl N., Wilkinsburg, Pa. Control apparatus. 2,332,947; Oct. 26.
- Strong, Betty, Setauket, N. Y. Lady's garment. 2,331,853; Oct. 12.
- Strong, George F., Grosse Pointe Farms, Mich. Electric welding machine. 2,310,556; Feb. 9.
- Strong, George F., Grosse Pointe Farms, Mich. Electric seam welding machine. 2,310,557; Feb. 9.
- Strong, George F., Grosse Pointe Farms, Mich. Motor drive for cogge links. 2,318,814; May 11.
- Strong, James H., Windsor, N. J. Shockproof parachute harness. 2,336,312; Dec. 7.
- Strong Manufacturing Company. (See Densten, Ulysses G., assignor.)
- Strong, Walter J., Cuyahoga Falls, Ohio, assignor to The I. F. Goodrich Company, New York, N. Y. Apparatus for building up. 2,324,437; July 13.
- Strong, William J., assignor to Wheeling Stamping Company, Wheeling, W. Va. Viscous liquid dispenser. 2,328,100; Aug. 31.
- Strongs, Herman L., New York, N. Y. Catamenial pad. 2,331,355; Oct. 12.
- Strosacker, Charles J., and F. C. Amstutz, assignors to Kew-Ford Chemical Company, Midland, Mich. Dehydrohalogenation of halogenated organic compounds. 2,322,258; June 22.
- Strother, Cornelle O., Buffalo, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Plastic compositions. 2,316,371; Apr. 13.
- Strothman, Edmund L., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Double deck tank structure. 2,332,410; Oct. 19.
- Stroup, Ernest, Homerville, Ohio. Adjustable mold board. 2,317,560; Apr. 27.
- Stroup, Fred H. (See Dick, B., and Stroup.)
- Stroup, Philip T., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum base for bulb. 2,336,512; Dec. 14.
- Strout, Philip E., Palisades Park, N. J., assignor to Western Electric Company, Incorporated. Cutting tool. 2,323,497; July 6.
- Strube, Harry L., Philadelphia, Pa., assignor to Link-Belt Company. Conveyor. 2,322,485; June 22.
- Strubing, Hedwig. (See Aschermann, G., and Strubing.)
- Structural Patents Corporation. (See Trench, John R., assignor.)
- Strunk, Ernst, Berlin-Wilmersdorf, Germany, vested in the Alien Property Custodian. Casting mold for synthetic materials. 2,316,298; Apr. 13.
- Strunk, Kenneth G., East Orange, assignor to Breeze Corporation, Inc., Newark, N. J. Electrical connector. 2,307,972; Jan. 12.
- Strupe, Cecil H., assignor to W. F. L. Drum Co., Chicago, Ill. Drum. 2,331,090; Oct. 5.
- Struthers, Wells-Titusville Corporation. (See Fisher, Charles E., assignor.)
- Strutt, Maximilian J. O. (See Alma, G. H. P., Strutt, and van der Ziel.)
- Strutt, Maximilian J. O. (See van der Ziel, A., and Strutt.)
- Strutt, Maximilian J. O. (See van der Ziel, A., Strutt, and Knoll.)
- Strutt, Maximilian J. O., and A. van der Ziel, Eindhoven, Netherlands, assignors to Radio Corporation of America. High frequency amplifier circuits. 2,315,296; Mar. 30.
- Strutt, Maximilian J. O., and A. van der Ziel, Eindhoven, Netherlands, vested in the Alien Property Custodian. High frequency amplifier circuits. 2,317,824; Apr. 27.
- Stryker, Elmer W. (See Christian, Henry C., assignor.)
- Stryker, Harvey L., Carneys Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of triamino-diphenyl-naphthyl-methane dyestuffs. 2,337,425; Dec. 21.
- Stuart, Alfred A., Jr., Inasbrook Heights, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Compass system. 2,313,682; Mar. 9.
- Stuart, Charles J., assignor to Wellman Company, Medford, Mass. Locking adjustment. 2,318,815; May 11.
- Stuart, Charles J., Winchester, assignor to Wellman Company, Medford, Mass. Locking mechanism. 2,322,402; June 22.
- Stuart, Charles J., Winchester, assignor to Wellman Company, Medford, Mass. Locking mechanism. 2,336,044; Dec. 7.
- Stuart, Frank. (See Warner, O. P., and Stuart.)
- Stuart, Frederick E., Baltimore, Md. Treatment of alcoholic liquors. 2,320,486; June 1.
- Stuart, John F., Manchester, and F. D. Norton, Cheshire, England. Clock. 2,322,257; June 22.
- Stuart, Joseph, II. (See Rochford, E. P., Stuart, II, and Wassen.)
- Stuart, Joseph, II. assignor to Hercules Powder Company, Wilmington, Del. Blasting machine. 2,313,101; Mar. 9.

- Stuart, Joseph, II, assignor to Hercules Powder Company, Wilmington, Del. Feeding mechanism. 2,326,697; Aug. 10.
- Stuart, Robert W., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Removing mud sheaths. 2,322,484; June 22.
- Stuart, Robert W., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Detection of salt in drilling fluids. 2,330,394; Sept. 28.
- Stubbe, Elsa, Cedarbrook, N. J. Safety device for pedestrians. 2,332,948; Oct. 26.
- Stubbs, Joseph J., Washington, D. C., L. B. Lockwood, Alexandria, E. T. Roe, and G. E. Ward, Arlington, Va., assignors to Henry A. Wallace, as Secretary of Agriculture of the United States of America, and his successors in office. 2,318,641; May 11.
- Stuber, Walter J., and J. J. Di Ienno, assignors to Carey McCall Company, Philadelphia, Pa. Worm. 2,310,880; Feb. 9.
- Stucke, John, Philadelphia, Pa. Rotary internal combustion motor. 2,330,528; Sept. 28.
- Stucker, Joseph B. (See Whittier, W. A., and Stucker.)
- Stuckert, William P., Marblehead, Mass., assignor to Sylvia Electric Products Inc. Glass severing apparatus. 2,323,182; June 29.
- Stuckert, William P., Marblehead, and H. H. Snyder, Lynn, Mass., assignors to Sylvia Electric Products Inc. Mandrel drive apparatus. 2,329,164; Sept. 7.
- Stuckert, William P., Marblehead, Mass., and H. H. Snyder, Pittsburgh, Pa., assignors to Sylvia Electric Products Inc. Tube holding apparatus. 2,337,528; Dec. 21.
- Stuckley, Warren J., Brawley, Calif. Hydraulic vise. 2,334,797; Nov. 23.
- Studebaker Corporation, The. (See Butzbach, Orville K., assignor.)
- Studebaker Corporation, The. (See Greenlee, Harry R., assignor.)
- Studebaker Corporation, The. (See Greenlee, H. R., Britton, and Bond, assignors.)
- Studler, René K., U. S. Army, Washington, D. C., assignor to United States of America as represented by the Secretary of War. Projectile. 2,322,751; June 29.
- Stuebing, William, Jr., Cincinnati, Ohio. Lift truck. 2,329,149; June 29.
- Stuever, Reinhold F., Scranton, Pa., assignor to Grove Silk Company. Yarn-twisting machine. 2,315,562; Apr. 6.
- Stuewer, Reinhold F., Scranton, Pa., assignor to Grove Silk Company. Treatment of filaments with liquids. 2,337,357; Dec. 21.
- Stull, Faye P., Youngstown, Ohio. Apparatus for plastic molding. 2,323,577; July 6.
- Stull, Faye P., Youngstown, Ohio. Surface finishing apparatus. 2,323,578; July 6.
- Stull, John S. (See Lea, G. D., and Stull.)
- Stull, John S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article handling apparatus. 2,322,531; June 22.
- Stuller, Anthony, New York, N. Y. Clipping machine. 2,320,200; May 25.
- Stuller, Frank G., assignor to Chain Belt Company, Milwaukee, Wis. Scum remover. 2,337,859; Dec. 28.
- Stump, Earl, Harvey, Ill. Apparatus and process for separating finely divided intermixed materials. 2,332,183; Oct. 19.
- Stumpf, Emil F., Meyers, Ill. Twin clutch power take-off drive for tractors. 2,311,265; Feb. 16.
- Stumpff, Emil. (See Bradley, F. L., Stumpff and Jawurek.)
- Stupakoff Laboratories, Inc. (See Stupakoff, S. H., and Prescott, assignors.)
- Stupakoff, Simon H., Pittsburgh, and F. R. Prescott, Dormont, assignors to Stupakoff Laboratories, Inc., Pittsburgh, Pa. Glass-to-metal seal and eyelet for constructing the same. 2,318,435; May 4.
- Sturdevant, Charles W. (See Schoenky, O. B., and Sturdevant.)
- Sturgeon, John F., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,315,024; Mar. 30.
- Sturgeon, John F., assignor to Universal Oil Products Company, Chicago, Ill. Dehydrogenation of hydrocarbons. 2,335,550; Nov. 30.
- Sturgess Inc. (See Cushman, Everett R., assignor.)
- Sturgis, Bernard M. (See Flenner, A. L., and Sturgis.)
- Sturgis, Bernard M. (See Neal, A. M., and Sturgis.)
- Sturken, Oswald C. H., Closter, N. J., assignor to Corn Products Refining Company, New York, N. Y. Zein compound. 2,311,485; Feb. 16.
- Sturken, Oswald C. H., Closter, N. J., assignor to Corn Products Refining Company, New York, N. Y. Forming a laminated products. 2,316,467; Apr. 13.
- Sturm, Ralph E. (See Salb, O. G., and Sturm.)
- Sturtevant, B. F., Company. (See Anderson, Samuel M., assignor.)
- Sturtevant, B. F., Company. (See Bentley, Oliver D. H., assignor.)
- Sturtevant, B. F., Company. (See Dawson, Fred C., assignor.)
- Sturtevant, B. F., Company. (See Hagen, Harold F., assignor.)
- Sturtevant, B. F., Company. (See Hanson, Milton E., assignor.)
- Sturtevant, B. F., Company. (See Lincoln, Roland L., assignor.)
- Sturtevant, B. F., Company. (See McDonald, John E., assignor.)
- Sturtevant, B. F., Company. (See Palmer, Robert T., assignor.)
- Stutsman, Charles L., and L. C. Vance, Van Nuys, Calif. Low voltage, self-sustaining, remote control switching device. 2,315,231; Mar. 30.
- Stutel, Bernard D., Indianapolis, Ind. Flush tank valve seat finishing tool. 2,337,946; Dec. 28.
- Stybr, Miles A., assignor to International Steel Wool Corporation, Springfield, Ohio. Woven metallic wool fabric. 2,316,818; Apr. 20.
- Styren, Nils O. H., Enköping, assignor to Aktiebolaget Enköpings Verkstäder, Fanna, Enköping, Sweden. Conditioning air. 2,311,583; Feb. 16.
- Subber, Leonard S. (See Bartlett, P., and Subber.)
- Sublett, Ira. (See Eustis, I. N., and Sublett.)
- Submarine Signal Company. (See Grabau, William C., assignor.)
- Submarine Signal Company. (See Satterlee, Howard A., assignor.)
- Submarine Signal Company. (See Spilhaus, Athelstan F., assignor.)
- Submarine Signal Company. (See Turner, Edwin E., Jr., assignor.)
- Sucesores de Abarca. (See Carreras, Jose R., assignor.)
- Suckfield, George A., Avalon, assignor to Pressed Steel Car Company, Inc., Pittsburgh, Pa. Car construction. 2,335,216; Nov. 23.
- Suckle, Benjamin W. (See Conron, W. H., and Suckle.)
- Suckor, Robert, Grosse Pointe, Mich. Universal joint. 2,313,279; Mar. 9.
- Sudholz, Louis H. (See Roehner, T. G., and Sudholz.)
- Sudlow, Fred E. (See Holsclaw, Niel A., assignor.)
- Suess, Herbert M., Philadelphia, Pa. Knitting machine and knitting. 2,317,417; Apr. 27.
- Sufek, University, W. (See Aicher, Gleason L., assignor.)
- Sugar Beet Products Company. (See Conner, Michael, assignor.)
- Sugar, Samuel, Chicago, Ill. Uniform cap washing and drying form. 2,316,372; Apr. 13.
- Suhr, Henry B. (See Black, L. G., Fitch, and Suhr.)
- Sullam, Samuel D., London, England. Electric pocket lamp. 2,315,025; Mar. 30.
- Sullam, Samuel D., London, England. Electric hand lamp and the like. 2,315,026; Mar. 30.
- Sullam, Samuel D., London, England. Electric lamp holder and the like. 2,317,863; Apr. 27.
- Sullivan, Alan P., Elizabeth, N. J., assignor to Cities Service Oil Company, New York, N. Y. Gas analyzer. 2,310,472; Feb. 9.
- Sullivan, Alan P., Elizabeth, N. J., assignor to Cities Service Oil Company, New York, N. Y. Analysis of gases. 2,335,032; Nov. 23.
- Sullivan, Alice, et al. (See Donnelly, John F., assignor.)
- Sullivan, D. J. (See Dillon, Robert L., assignor.)
- Sullivan, Francis D., Memphis, Tenn. Grouting means and process. 2,320,954; June 1.
- Sullivan, Harry H. (See Ward, Earl M., assignor.)
- Sullivan, Harry H., assignor to Paragon Revolute Corporation, Rochester, N. Y. Blue print drier. 2,330,395; Sept. 28.
- Sullivan, Harry H., assignor to Paragon Revolute Corporation, Rochester, N. Y. Machine for processing light sensitive sheets. 2,330,396; Sept. 28.
- Sullivan, James F., Columbus, Ohio. Weighing scale. Re. 22,297; Apr. 6.
- Sullivan, James F., assignor to The Exact Weight Scale Company, Columbus, Ohio. Scale or balance. 2,335,200; Nov. 23.
- Sullivan, John, Vancouver, British Columbia, Canada. Cap and supporting frame therefor. 2,307,713; Jan. 5.
- Sullivan, John D. (See Austin, C. R., and Sullivan.)
- Sullivan, John D. and C. R. Austin, assignors to Battelle Memorial Institute, Columbus, Ohio. Black glass and making the same. 2,309,071; Jan. 19.
- Sullivan Machinery Company. (See Brailey, Charles G., assignor.)
- Sullivan Machinery Company. (See Butler, Robert S., assignor.)
- Sullivan Machinery Company. (See Curtis, John C., assignor.)
- Sullivan Machinery Company. (See Curtis, J. C., and Gartin, assignors.)
- Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)
- Sullivan Machinery Company. (See Haddock, John W., assignor.)
- Sullivan Machinery Company. (See Halleck, Frank A., assignor.)
- Sullivan Machinery Company. (See Johansen, Harry C., assignor.)
- Sullivan Machinery Company. (See Joy, Joseph F., assignor.)
- Sullivan Machinery Company. (See Lamberton, Ralph E., assignor.)
- Sullivan Machinery Company. (See Lee, Horace N., assignor.)
- Sullivan Machinery Company. (See Lovely, George W., assignor.)
- Sullivan Machinery Company. (See Maxson, Louis A., assignor.)
- Sullivan Machinery Company. (See Osgood, Charles F., assignor.)

- Sullivan Machinery Company. (See Osgood, Robert C., assignor.)
- Sullivan Machinery Company. (See Paget, Win W., assignor.)
- Sullivan Machinery Company. (See Simmons, Leon E., assignor.)
- Sullivan Machinery Company. (See Sinclair, Frank E., assignor.)
- Sullivan Machinery Company. (See Vanderzee, Harry H., assignor.)
- Sullivan Machinery Company. (See Vanderzee, H. H., and Felt, assignors.)
- Sullivan Machinery Company. (See Wineman, Wade H., assignor.)
- Sullivan, Michael F., St. Louis, Mo. Shoe counter. 2,319,356; May 18.
- Sullivan, Owen J., Menasha, assignor to Marathon Paper Mills Company, Rothschild, Wis. Roll spindle. 2,331,743; Oct. 12.
- Sullivan, Owen J., Appleton, and R. T. Frieders, Menasha, assignors to Marathon Paper Mills Company, Rothschild, Wis. Dispensing carton. 2,314,849; Mar. 23.
- Sullivan, Roy W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Precipitation. 2,313,844; Mar. 16.
- Sullivan, Roy W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Calcium sulphate production. 2,331,515; Oct. 12.
- Sullivan, Thomas E., North Lawrence, assignor of one-half to G. A. Chase, Massena, N. Y. Gear. 2,334,515; Nov. 16.
- Sullivan, Timothy J., assignor to Red & White Laundry & Cleaning Company, Butte, Mont. Direct fired single tube hotwater heater and drier. 2,322,957; June 20.
- Sullivan, Timothy J., assignor to Sullivan Valve and Engineering Company, Butte, Mont. Control for fuel burners. 2,333,212; Nov. 2.
- Sullivan Valve and Engineering Company. (See Sullivan, Timothy J., assignor.)
- Sullivan, William D., Astoria, N. Y. Air mask. 2,333,054; Oct. 26.
- Sullivan, William N. (See Goodhue, L. C., and Sullivan.)
- Sullivan, William N., Washington, D. C., and L. D. Goodhue, Herwyn, Md., assignors to Claude R. Wickard, as Secretary of Agriculture of the United States of America, and to his successors in office. Apparatus for dispersing insecticides. 2,313,976; Mar. 16.
- Suloff, Paul D., assignor to Wingfoot Corporation, Akron, Ohio. Motor drive. 2,320,053; May 25.
- Sulzer Frères Société Anonyme. (See Juzi, Viktor, assignor.)
- Sulzer Frères, Société Anonyme. (See Lieberherr, Hans, assignor.)
- Sulzer Frères, Société Anonyme. (See Moessinger, Albert, assignor.)
- Sulzer Frères, Société Anonyme. (See Traupel, Walter, assignor.)
- Sulzer Frères, S. A. (See Volks, Herbert, assignor.)
- Sulzer Frères Société Anonyme. (See Waeber, Erwin, assignor.)
- Sulzer, John H. (See Smith, R. K., and Sulzer.)
- Sulzer, John H., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical connecting and conditioning apparatus. 2,328,107; Aug. 31.
- Sulzer, John H., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Test device. 2,329,491; Sept. 14.
- Summerbell Roof Structures. (See Greevy, Robert, assignor.)
- Summerbell, William, Watervliet, N. Y. Gun. 2,335,319; Nov. 30.
- Summerbell, William, Watervliet, N. Y. Gun. 2,335,889; Dec. 7.
- Summerhayes, Harry R., Jr., Schenectady, N. Y., assignor to General Electric Company. Frequency monitoring system. 2,309,451; Jan. 26.
- Summerhayes, Harry R., Schenectady, N. Y., assignor to General Electric Company. Protective system. 2,310,753; Feb. 9.
- Summers, Albert E., Riverside, and J. H. Tomlin, La Grange, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Assembling apparatus. 2,326,982; Aug. 17.
- Summers, Berl E., assignor of one-half to D. Da Volt, Denver, Colo. Garden hose sprinkler. 2,314,525; Mar. 23.
- Summers, Caleb E., Orchard Lake, Mich. Internal combustion engine. 2,314,175; Mar. 16.
- Summers, Claude M., Fort Wayne, Ind., assignor to General Electric Company. Voltage regulator. 2,328,037; Aug. 31.
- Summers, Emmett P. (See Hull, M. R., and Summers.)
- Summers, J. Mills. (See Kane, David S., assignor.)
- Summers, John D., Toronto, Ontario, Canada. Stuffing box for piston rods and shafts. 2,329,955; Sept. 21.
- Summers, Omar, Seattle, Wash. Concrete wall form. 2,312,983; Mar. 2.
- Summersgill, James F., Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Making variegated hard surface coverings. 2,310,495; Feb. 9.
- Summit Mold & Machine Company, The. (See Brundage, James W., assignor.)
- Sun Oil Company. (See Alleman, G., and Perrine, assignors.)
- Sun Oil Company. (See Baggart, Aaron B., assignor.)
- Sun Oil Company. (See Barton, Paul D., assignor.)
- Sun Oil Company. (See Brunn, J. H., and Goheen, assignors.)
- Sun Oil Company. (See Pearson, John M., assignor.)
- Sun Oil Company. (See Pearson, J. M., and Morse, assignors.)
- Sun Oil Company. (See Thayer, Clarence H., assignor.)
- Sun Oil Company. (See Winterhalter, Alfred C., assignor.)
- Sun Rubber Company, The. (See Rempel, Dietrich G., assignor.)
- Sun Tube Corporation, The. (See Fridén, John H., assignor.)
- Sunbeam Electric Manufacturing Company. (See Gaston, Donald H., assignor.)
- Sunderhauf, Frederick A., Rutherford, N. J., assignor to Reynolds Metals Company, Richmond, Va. Dispensing carton. 2,336,706; Dec. 14.
- Sunderhauf, Frederick A., Rutherford, N. J., and F. W. Wallden, New Brighton, N. Y., assignors to Reynolds Metals Company, Richmond, Va. Collapsible tamper proof box and tray, primarily for cigars. 2,311,137; Feb. 16.
- Sunderman, Frederick R., New York, and J. McAuley, Bronx, N. Y., assignors to F. S. McLachlan Co., Inc. Fuel pump. 2,319,566; May 18.
- Sundgren, Ruth S. M. (See Wallden, S. J., and Sundgren-Wallden, née Sundgren.)
- Sundgren-Wallden, Ruth S. M., née Sundgren. (See Wallden, S. J., and Sundgren-Wallden, née Sundgren.)
- Sundholm, Edwin P., Albert City, Iowa. Grease dispensing container for filling grease guns. 2,308,400; Jan. 12.
- Sundholm, Edwin P., Albert City, Iowa. Multijawed duck-type hydraulic snap-on coupler. 2,311,097; Feb. 16.
- Sundholm, Edwin P., Albert City, Iowa. Flow control device. 2,311,708; Feb. 23.
- Sundholm, Edwin P., Albert City, Iowa. Lubricant dispensing device. 2,313,845; Mar. 16.
- Sundholm, Edwin P., Albert City, Iowa. Coupler. 2,313,374; Mar. 23.
- Sundholm, Edwin P., Albert City, Iowa. Dispensing device for filling grease guns and the like. 2,328,363; Aug. 31.
- Sundquist, John A., Fairfield, and H. E. Aust, assignors to Harvey Hubbell, Incorporated, Bridgeport, Conn. Adjustable angle cord grip plug cap. 2,326,181; Aug. 3.
- Sundstrand, Oscar J., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Computing and printing machine. 2,307,245; Jan. 5.
- Sundstrand, Oscar J., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Tens transfer mechanism for accounting machines. 2,308,940; Jan. 19.
- Sundstrand, Oscar J., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Computing machine. 2,309,282; Jan. 26.
- Sundstrand, Oscar J., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,310,717; Feb. 9.
- Sundstrand, Oscar J., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,326,409; Aug. 10.
- Sundstrand, Oscar J., West Hartford, and W. A. Anderson, Bridgeport, Conn., assignors to Underwood Elliott Fisher Company, New York, N. Y. Accounting machine. 2,308,216; Jan. 12.
- Sundstrom, Savin L., assignor to The Bastian-Blessing Company, Chicago, Ill. Liquid level gauge. 2,308,791; Jan. 19.
- Sundt, Edward V., Arcadia, Calif. Electric fuse. 2,313,373; Mar. 9.
- Sun-Fire Stoker Corporation. (See Rankin, Armand T., assignor.)
- Sun-Kraft, Inc. (See Furedy, Frank, assignor.)
- Sun-Mfg. Company, The. (See Smith, Alva T., assignor.)
- Sunnen, Cornelia. (See Sunnen, Joseph, assignor.)
- Sunnen, Joseph, assignor to C. Sunnen, Clayton, Mo. Crank shaft grinder. 2,309,615; Jan. 26.
- Sun-Ray Heater Company. (See Scott, Clifton A., assignor.)
- Sunrise, Marguerite H., Pittsburg, Pa. Child's garment. 2,314,432; Mar. 23.
- Sunshine Foods Inc. (See McKinnis, Ronald B., assignor.)
- Sunshine Mining Company. (See Goetz, Alexander, assignor.)
- Sunshine Mining Company. (See Holmes, William C., assignor.)
- Sunstrand Machine Tool Co. (See Granberg, B. R., and Ericson, assignors.)
- Super Mold Corporation of California. (See Glynn, Edwin A., assignor.)
- Super, Ralph K. (See Spiller, W. R., Alden, and Super.)
- Super Sages Spring Company. (See Bank, A. M., and Nicholas, assignors.)
- Superba Cravats. (See Muhlhauser, Frederick P., assignor.)
- Superba Manufacturing Co. (See Balk, David, assignor.)

- Superba Manufacturing Co. (See Balk, D., Katz, and Majoros, assignors.)
- Supere Supply Co. (See Shelley, James H., assignor.)
- Superheater Company, The. (See Armacost, Wilbur H., assignor.)
- Superheater Company, The. (See Gutrl, H. P., and Troppman, assignors.)
- Superheater Company, The. (See Smith, B., and Ringel, assignors.)
- Superior Coach Corporation. (See Krogh, Peter O., assignor.)
- Superior Concrete Accessories. (See Hillberg, Bror, assignor.)
- Superior Felt & Bedding Co. (See Bergstrom, Victor J., assignor.)
- Superior Felt & Bedding Co. (See Blaha, Stephen J., assignor.)
- Superior Hand Brake Company. (See Smith, Henry C., assignor.)
- Superior Paper Products Company. (See Bohnke, Herman C., assignor.)
- Superior Tube Company. (See Gabel, Richard H., assignor.)
- Superior Wire Cloth Company. (See Kugler, Harry C., assignor.)
- Super-Seal Container Corporation. (See Glocker, Gustave, assignor.)
- Supplier, G. S., Company, The. (See Supplier, Gerhart S., assignor.)
- Supplier, Gerhart S., Belleville, Ill., assignor to The G. S. Supplier Company, St. Louis, Mo. Depositing machine. 2,332,026; Oct. 19.
- Surge, Frank, Lombard, Ill. Sewer and pipe cleaner. 2,313,599; Mar. 9.
- Surgident, Ltd. (See van Rossem, Walter J., assignor.)
- Surpé, Aining E., Woodcliff, N. J., assignor to Mendez Corporation, New York, N. Y. Image producing apparatus. 2,320,760; June 1.
- Sussberg, Victor L., New Rochelle, N. Y. Sllp. 2,318,539; May 4.
- Süssbeck, Karl, Oberhausen-Sterkrade, Germany; Allen Property Custodian. Removing resin and gun forming materials and sulphur from low boiling hydrocarbons. 2,308,249; Jan. 12.
- Sussenbach, Paul. (See Ferguson, W. C., and Sussenbach.)
- Sussenbach, Paul. (See Ferguson, W. C., Sussenbach, and Smith.)
- Süsskind, Albert, Lugano, Switzerland. Device for the continuous fastening of slide fastener elements on slide fastener bands. 2,321,951; June 15.
- Susskind, Julius, Brookline, assignor to one-half to H. Freedman, Boston, Mass. Making shoe heels. 2,324,889; July 20.
- Sussman, Arthur, New York, N. Y. Steam iron. 2,333,603; Nov. 9.
- Sussman, Philip, and S. D. Barlow, Bronx, New York. Marking device. 2,333,451; Nov. 2.
- Sussman, Sidney, Moorestown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of acetals. 2,321,557; June 8.
- Suter, Chester M., Evanston, Ill. assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Preparation of fluorophenols. 2,334,229; Nov. 16.
- Suter, James J., San Bernardino, Calif. Rolling tamping apparatus. 2,336,814; Dec. 14.
- Suthard, James G. (See Stenzel, R. W., and Suthard.)
- Sutherland, Alexander K., assignor to Moe-Bridges Corporation, Sheboygan, Wis. Attachment for electric fixtures. 2,309,143; Jan. 26.
- Sutherland, David B. (See Kelly, E. M., Kivari, Kite, and Roberts, and Sutherland.)
- Sutherland, George R., Mayfield, Minn. Coin controlled vending machine. 2,323,255; June 29.
- Sutherland Paper Company. (See Buttery, Kenneth T., assignor.)
- Sutherland, Robert E. (See Lowry, C. D., and Sutherland.)
- Sutliff & Case Co. (See Baker, William B., assignor.)
- Sutliffe, Frank C., Mill Valley, and R. Ashley, Almonte, assignors to A. Balance Instrument Co., San Francisco, Calif. Valve and gauge. 2,324,544; July 20.
- Sutter, Theodore. (See Burt, C. F., Sutter, and Ragan.)
- Sutterfield, Noel H. (See Wilson, J. A., and Sutterfield.)
- Suttles, Omar, Los Angeles, Calif. Trailer towing connection. 2,331,006; Oct. 5.
- Sutton, John B., Pittsburgh, Pa. Round straightener. 2,323,946; July 13.
- Sutton, John C. assignor to The Breatley Company, Rockford, Ill. Personal height gauge. 2,324,334; July 13.
- Sutton, Stanford M., Morristown, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable pulling attachment. 2,327,821; Aug. 24.
- Suverkrop, Lew, Bakersfield, Calif. Geometrical instrument. 2,324,041; July 13.
- Svabek, John E., Jr., assignor to Crane Co., Chicago, Ill. Swinging spout for faucets. 2,324,741; July 20.
- Svensden, Ejnar, Cranford, N. J., assignor to F. L. Smith & Co. New York, N. Y. Thrust mechanism. 2,310,473; Feb. 9.
- Svensden, Byvind. (See Landrum, Reginald F., assignor.)
- Svensden, Trygve H., Chicago, Ill. Fuel indicator. 2,311,003; Feb. 16.
- Svenska Aktiebolaget Bromsregulator. (See Browall, Bert H., assignor.)
- Svenska Aktiebolaget Bromsregulator. (See Malmquist, Nils G. A., assignor.)
- Svenska Aktiebolaget Gasaccumulator. (See Astradsson, Per A., assignor.)
- Svenska Entreprenad Aktiebolaget. (See Klingberg, Sven, assignor.)
- Svenska Kassaregisteraktiebolaget. (See Högfors, Hans F. B., assignor.)
- Svenson, Helge S., Villavicencio, Colombia. Hydrocar or vehicle with water wing wheels. 2,315,027; Mar. 30.
- Svensson, Ernst S., New York, N. Y., assignor to The Kron Company, Bridgeport, Conn. Recording apparatus. 2,333,819; Oct. 26.
- Svensson, Rolf. (See Vigren, S. D., and Svensson.)
- Svet, Tony, Cleveland, Ohio. Lawn sprinkler. 2,311,268; Feb. 16.
- Svetlick, Matthew W. and W. F., Pittsburgh, Pa. Distilling apparatus. 2,329,305; Sept. 14.
- Svetlick, Walter F. (See Svetlick, M. W. and W. F.)
- Svirsky, Bennett, Los Angeles, Calif. Pipe plug. 2,324,545; July 20.
- Svoboda, Antonin, Forest Hills, assignor to Abax Corporation, New York, N. Y. Variable speed transmission. 2,317,418; Apr. 27.
- Svoboda, Antonin, Forest Hills, assignor to Abax Corporation, New York, N. Y. Method and means for determining altitude. 2,324,604; July 20.
- Svoboda, Antonin, Forest Hills, assignor to Abax Corporation, New York, N. Y. Mechanism for use in computing apparatus. 2,328,306; Aug. 31.
- Swain, Robert C. (See Thurston, J. T., and Swain.)
- Swain, Robert C., Riverside, and P. Adams, Glenbrook, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating compositions containing polyvinyl acetate methylal. Re. 22,402; Dec. 7.
- Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating composition containing shellac. 2,311,911; Feb. 23.
- Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Polymeric rubber coating composition. 2,325,986; Aug. 3.
- Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Polystyrene coating composition. 2,325,987; Aug. 3.
- Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating composition containing polyvinyl acetate methylal. 2,326,698; Aug. 10.
- Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating composition containing polyisobutylene. 2,326,699; Aug. 10.
- Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating composition containing manila resin. 2,329,663; Sept. 14.
- Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Coating composition containing kauri resin. 2,329,664; Sept. 14.
- Swain, Robert C., Riverside, and P. Adams, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Preparing phenol-formaldehyde condensation products. 2,331,744; Oct. 12.
- Swain, Saint E. (See Rolshausen, F. W., and Swain.)
- Swallen, Lloyd C., Villa Park, and M. L. Hamilton, Berwyn, Ill. assignors to Corn Products Refining Company, New York, N. Y. Production of zein. 2,332,356; Oct. 19.
- Swallen, Lloyd C., Villa Park, Ill., and A. L. James, Tenafly, N. J., assignors to Corn Products Refining Company, New York, N. Y. Curing zein. 2,322,486; June 22.
- Swallow, Joseph L. (See Canon, H. B., and Swallow.)
- Swan, Carl W. (See Levin, C. A., and Swan.)
- Swan, Carl W., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,308,554; Jan. 19.
- Swan, Carl W., assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,318,026; May 4.
- Swan, Donald R., and J. M. Calhoun, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic film comprising nitrocellulose film base stabilized by a dihydrazide of an aliphatic dicarboxylic acid. 2,311,098; Feb. 16.
- Swan, John B., Gladstone, Mich. Pleasant puff overdraft pipe. 2,319,756; May 18.
- Swan, John B., Gladstone, Mich. Oil can with center operating handle. 2,333,044; Nov. 9.
- Swan, John B., Gladstone, Mich. Air-vent oiler. 2,336,313; Dec. 7.

- Swan, John B., Gladstone, Mich. Air-vent roller. 2,336,314; Dec. 7.
- Swan, Merrill. (See Hoover, H. Jr., and Swan.)
- Swan, Oliver C., Betteravia, Calif. Carbonation tank. 2,336,199; Dec. 7.
- Swanger, Charles W., Texarkana, Tex., assignor of one-half to C. M. McMillan, Texarkana, Ark. Pole cutting machine. 2,320,056; May 25.
- Swanage, George E., Dearborn, Mich. Portable window stand. 2,315,068; Apr. 6.
- Swank, Everett R., Mansfield, Ohio. Expansion rivet. 2,333,277; Nov. 2.
- Swank, Inc. (See Voos, Walter H., assignor.)
- Swank, Lewis R., Lewiston, Idaho. Sander attachment. 2,332,613; Oct. 26.
- Swann, James S., Homewood, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car construction. 2,329,013; Sept. 7.
- Swann, John. (See Wagner, W., and Swann.)
- Swann, James S., Homewood, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Cushioning and centering device for railway car couplers. 2,308,032; Jan. 12.
- Swann, W. R., & Company, Limited. (See Swann, Walter R., assignor.)
- Swann, Walter R., assignor to W. R. Swann & Company, Limited, Sheffield, England. Safety razor. 2,309,549; Jan. 26.
- Swanson, Alvin C., Oelwein, Iowa. Container closure. 2,308,217; Jan. 12.
- Swanson, Axel W., al. (See Hicks, Lewis E., assignor.)
- Swanson, Charles R. (See Redford, H. H., and Swanson.)
- Swanson, Donald F. (See Ellsworth, W. A., and Swanson.)
- Swanson, Donald F., Minneapolis, and F. J. Vouk, assignors to Seeger Refrigerator Company, St. Paul, Minn. Two-way lighting device for refrigerators. 2,308,723; Jan. 19.
- Swanson, Earl C., assignor to Andersen Corporation, Bayport, Minn. Window structure. 2,328,509; Aug. 31.
- Swanson, Earl C., V. P. Fredericksen, and P. C. Gaskell, assignor to Andersen Corporation, Bayport, Minn. Window construction. 2,317,312; Apr. 20.
- Swanson, Earl R., assignor to Standard Railway Devices Company, Chicago, Ill. Refrigerator. 2,332,027; Oct. 19.
- Swanson, Earl R., assignor to Standard Railway Devices Company, Chicago, Ill. Locking and ventilating means for hatch covers. 2,333,619; Nov. 2.
- Swanson, Ernest F., assignor to Penn Electric Switch Co., Goshen, Ind. Air volume control. 2,329,665; Sept. 14.
- Swanson, Edwin C. (See Abramson, J. H., and Swanson.)
- Swanson, Hilbert E. (See Brey, H. E., and Swanson.)
- Swanson, Levi G., Perry, Iowa. Dressing poultry. 2,310,881; Feb. 9.
- Swanson, Nels H. (See Robinson, M. E., and Swanson.)
- Swanson, Nels H., Chicago, Ill. Currency holder. 2,312,132; Feb. 23.
- Swanson, Robert A., Cleveland Heights, and T. F. Kelley, Cleveland, Ohio. Pump. 2,332,111; Oct. 19.
- Swarons, Roy B., E. F. Attala, and H. S. Molony, assignors to Pacific Plastic & Manufacturing Company, Inc., Los Angeles, Calif. Spindle lock. 2,316,493; Apr. 13.
- Swart, Gilbert H., Wabash, Ind., assignor to The General Tire & Rubber Company, Akron, Ohio. Cork-rubber sheet and making same. 2,337,169; Dec. 21.
- Swart, Richard H., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,319,890; May 25.
- Swarthe, Louis L., et al., trustees. (See Deuel, Clyde, assignor.)
- Swartout, Charles W. (See Aitchison, R. B., Swartout, and Williams.)
- Swartout, Robert L., assignor to Union Steel Products Company, Albion, Mich. Structural unit. 2,310,326; Feb. 9.
- Swartz, Carl E., Shaker Heights, assignor, by mesne assignments, to S. K. Wellman Company, Cleveland, Ohio. Bonding powdered metallic material. Re. 2,252; Mar. 2.
- Swartz, Carl E., assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Conductor. 2,311,138; Feb. 16.
- Swartz, Richey L., assignor of one-half to K. B. Cope, Canton, Ohio. Photographic print washer. 2,321,435; June 8.
- Swartzbaugh Manufacturing Company, The. (See Hamrell, Kemper M., assignor.)
- Swazy, Earl F. (See Hensel, F. R., Larsen, and Swazy.)
- Swazy, Earl F. (See Larsen, E. I., and Swazy.)
- Sway, Henry, Cincinnati, Ohio. Scaffolding and apparatus therefor. 2,326,983; Aug. 17.
- Swearingen, Clear V., Chattanooga, Tenn. Sampling machine. 2,332,764; Oct. 26.
- Swearingen, Judson S., San Antonio, Tex. Lubricating seal. 2,325,283; July 27.
- Swearingen, Judson S., San Antonio, Tex. Lubricating internal bearings in centrifugal gas pumps. 2,332,614; Oct. 26.
- Swearingen, William C., Excelsior Springs, assignor to J. L. Cheney Company, Centralia, Mo. Conductor-insulator clamp. 2,311,486; Feb. 16.
- Swebilius, Carl G., Hamden, assignor to Western Cartridge Company, New Haven, Conn. Recoil-operated self-loading firearm. 2,328,108; Aug. 31.
- Swebilius, Carl G., Hamden, assignor to Western Cartridge Company, New Haven, Conn. Bolt-action firearm. 2,334,790; Nov. 23.
- Swedman, Enoch, assignor to Seeger Refrigerator Company, St. Paul, Minn. Self-embedding nailhead. 2,317,231; Apr. 20.
- Swedman, Enoch, assignor to Seeger Refrigerator Company, St. Paul, Minn. Sectional slidable shelf. 2,317,232; Apr. 20.
- Swedman, Enoch, assignor to Seeger Refrigerator Company, St. Paul, Minn. Refrigerator spacer construction. 2,324,245; July 13.
- Sweeney, Edward A., Alexandria, Va., and N. T. Anderson, Washington, D. C. Movable bulkhead for vehicles. 2,312,939; Mar. 2.
- Sweeney, Beauregard. (See Thurston, A. L., and Sweeney.)
- Sweeney, Floyd D., Fresno, Calif. Fishing lure. 2,314,907; Mar. 30.
- Sweeney, John P., Chester, Pa. Exercising apparatus. 2,332,184; Oct. 19.
- Sweeney, Orland R. (See Levine, A. A., Sweeney, Kirchner, and McCracken.)
- Sweeney, William J., Elizabeth, N. J., assignor to Standard Oil Development Company. Production of motor fuel. 2,310,327; Feb. 9.
- Sweeney, William J., Elizabeth, N. J., assignor to Standard Oil Development Company. Treating hydrocarbon fluids. 2,322,673; June 22.
- Sweeney, William J., Elizabeth, N. J., assignor to Standard Oil Development Company. High antiknock motor fuel. 2,324,118; July 13.
- Sweeny, Arthur O., Kittery, Maine. Combined pneumatic and hydraulic water closet. 2,315,824; Apr. 6.
- Sweeny, Robert P., Atlanta, Ga. Pneumatic conveying apparatus. 2,310,265; Feb. 9.
- Sweeny, Robert P., Atlanta, Ga. Receiving chamber for pneumatic conveying apparatus. 2,333,967; Nov. 9.
- Sweet, Frederick D. (See Foster, W. D., and Sweet.)
- Sweet, George A., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for use in shoemaking. 2,307,169; Jan. 5.
- Sweet, Gertrude, administratrix. (See Foster, W. D., and Sweet.)
- Sweet, Sterling S. (See Spence, J., and Sweet.)
- Sweetland, Ernest J., Piedmont, Calif. Dispensing apparatus. 2,332,522; June 22.
- Sweetland, Ernest J., Piedmont, Calif. Parking apparatus and ticket stamping means. 2,328,858; Sept. 7.
- Sweetland, Ernest J., Piedmont, Calif. Restraining means. 2,333,346; Nov. 2.
- Sweeney, Robert J., Los Angeles, Calif., assignor to Robert S. Burns. Container inspecting apparatus. 2,321,331; Jan. 8.
- Sweltz, Henry L., Chicago, Ill. Mop. 2,318,902; May 11.
- Swenson, Carl E., Rockford, Ill. Conveyor apparatus. 2,324,042; July 13.
- Swenson, Carl E., assignor of one-half to F. M. Potgieter, Rockford, Ill. Corn harvester. 2,333,901; Nov. 9.
- Swenson, Eskill W., Cherry Valley, Ill. Material spreader. 2,327,679; Aug. 24.
- Swenson, Evaporator Company. (See Barnehl, A. J., Grant, and Barnehl, assignors.)
- Swenson, George W., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Colored surface coated glazed granules, useful as roofing granules and making the same. 2,331,356; Oct. 12.
- Swenson, George W., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Treating mineral substances and product. 2,331,357; Oct. 12.
- Swenson, George W., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Colored glazed coated granules and roofing sheet material surfaced therewith. 2,331,358; Oct. 12.
- Swenson, George W., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Colored glazed coated roofing granules and roofing sheet material surfaced therewith. 2,331,868; Oct. 12.
- Swentzel, John P., assignor to The Carborundum Company, Niagara Falls, N. Y. Bonded silicon carbide refractory. 2,324,119; July 13.
- Swerdlhoff, Will. (See Legatski, H. R., Swerdlhoff, and McCullough.)
- Swett, Adelbert P., Westwood, Mass., assignor to Beck with Manufacturing Company, Dover, N. H. Shoe stiffener. 2,309,023; Jan. 19.
- Swett, Arthur H., Jr., Verona, assignor to American Tag Company, Newark, N. J. Baggage check. 2,328,691; Sept. 7.
- Swett, Arthur H., Jr., Verona, assignor to American Tag Company, Newark, N. J. Baggage check. 2,328,692; Sept. 7.
- Swetzey, Burdette S., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication switching system. 2,318,723; May 11.
- Swiech, Theodore W., New York Mills, N. Y. Parachute jumper's hatch for airplanes. 2,335,090; Nov. 23.

- Swietek, Teofil T., Passaic, N. J. Glove. 2,335,320; Nov. 30.
- Swift, Claude E. (See Bray, U. B., and Swift.)
- Swift, Clinton E., Hales Corners, assignor to Ampco Metal, Inc., Milwaukee, Wis. Electric arc welding of manganese bronze. 2,320,675; June 1.
- Swift, Clinton E., Hales Corners, assignor to Ampco Metal, Inc., Milwaukee, Wis. Arc welding electrode. 2,320,676; June 1.
- Swift, Clinton E., Wauwatosa, assignor to Ampco Metal, Inc., Milwaukee, Wis. Covering for arc welding electrodes. 2,320,677; June 1.
- Swift, Cyrus. (See Simon, Cy I.)
- Swift, Donald D., Hartford, Conn., assignor to M. Swift & Sons, Inc. Package. 2,320,674; June 1.
- Swift, Donald D., Hartford, Conn., assignor to M. Swift & Sons, Inc. Goldbeater's foil. 2,334,230; Nov. 16.
- Swift, Gilbert, Philadelphia, Pa., assignor to Radio Corporation of America. Square wave generator. 2,310,328; Feb. 9.
- Swift, Harvey C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure producing device. 2,311,787; Feb. 23.
- Swift, Harvey C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure system. 2,322,071; June 15.
- Swift, Harvey C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure system. 2,325,284; July 27.
- Swift, Herbert B. (See Heacock, W. A., Swift, and Spyer.)
- Swift, John F., assignor to Hydraulic Brake Company, Detroit, Mich. Duplex brake. 2,311,788; Feb. 23.
- Swift, M., & Sons, Inc. (See Swift, Donald D., assignor.)
- Swift Manufacturing Company. (See Hughes, Herbert B., assignor.)
- Swift Rifle Company, Limited, The. (See de Lubicz-Bakowski, Zygmunt, Minns, and Norman, assignors.)
- Swift, Stanley H., Saginaw, Mich. Convertible passenger car and ambulance. 2,337,505; Dec. 21.
- Swift, Walter G., Flint, Mich. Expandible piston. 2,311,584; Feb. 16.
- Swigert, Clarence J. (See Elfes, D. B., and Swigert.)
- Swihart, Stewart D., assignor to F. C. Zieg, Fort Wayne, Ind. Dropper stopper. 2,325,209; July 27.
- Swihart, Stewart D., assignor to F. C. Zieg, Fort Wayne, Ind. Liquid dispenser. 2,325,210; July 27.
- Swindell-Dressler Corporation. (See Brooke, Frank W., assignor.)
- Swindell-Dressler Corporation. (See Brooke, F. W., and Dressler, assignors.)
- Swinehart, Richard W., and A. T. Maasberg, assignors to The Dow Chemical Company, Midland, Mich. Preparing powdered cellulose ethers quickly soluble in cold water. 2,331,864; Oct. 12.
- Swinehart, Richard W., and A. T. Maasberg, assignors to The Dow Chemical Company, Midland, Mich. Preparing cold-water-soluble powdered cellulose ethers. 2,331,865; Oct. 12.
- Swinford, Leo, assignor to R. Maury, Richmond, Va., as trustee. Cigar bunch shaping machine and knife therefor. 2,320,898; June 1.
- Swingle, Donald R., and W. W. Robinson, assignors to Cumberland Case Company, Chattanooga, Tenn. Crate. 2,326,700; Aug. 10.
- Swingle, Donald R., and W. W. Robinson, assignors to Cumberland Case Company, Chattanooga, Tenn. Crate. 2,326,701; Aug. 10.
- Swingle, Ralph H., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,325,717; Aug. 3.
- Swingle, Ralph H., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,329,362; Sept. 14.
- Swinney, George T., Los Angeles, Calif., assignor to The L. S. Starrett Company, Athol, Mass. Telescoping gauge. 2,326,410; Aug. 10.
- Swirling Heat, Inc. (See Schoenwetter, Reinhold D., assignor.)
- Swiss, Jack. (See Berberich, L. J., and Swiss.)
- Swofford, Peter J., Fort Worth, Tex. Fabric airless tire. 2,317,864; Apr. 27.
- Swofford, Peter J., Fort Worth, Tex. Speed rock bit. 2,334,453; Nov. 16.
- Swoope, Charles C. (See Young, D. W., and Swoope.)
- Swope, Robert B., et al., trustees. (See Glassman, L. H., and Burger, assignors.)
- Swormstedt, Frank W., Fort Thomas, assignor to Higgin products, Inc., Newport, Ky. Dark closure. 2,316,027; Apr. 6.
- Sycheff, Vladimir M. (See Proeschner, F., and Sycheff.)
- Sydow, Ernest. (See McMahon, J. A., and Sydow.)
- Sydow, Ernest D. (See McMahon, J. A., and Sydow.)
- Sykes, Beatrice M., et al., executors. (See Sykes, William E.)
- Sykes, George A., and A. L. Andrea, Sodas, N. Y. Dehydrating water-containing materials. 2,318,027; May 4.
- Syes, Norman A. (See Learnard, H. D., Sykes, and Wachter.)
- Sykes, Roger A., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mechanical wave filter. 2,332,120; Oct. 19.
- Sykes, William E., deceased, Manor Works, Staines, England; B. M. Sykes and J. T. Gooby, executors. Gear generator. 2,336,760; Dec. 14.
- Sykora, George E., Minneapolis, Minn. Sign. 2,325,435; July 27.
- Sylvander, Paul W. (See Johns, Thomas H., assignor.)
- Sylvania Electric Products Inc. (See Albright, Charles L., assignor.)
- Sylvania Electric Products Inc. (See Bovio, Albert T., assignor.)
- Sylvania Electric Products, Inc. (See Bowie, Robert M., assignor.)
- Sylvania Electric Products, Inc. (See Casellini, Ezio T., assignor.)
- Sylvania Electric Products Inc. (See Cox, James L., assignor.)
- Sylvania Electric Products Inc. (See Dreyfuss, Henry, assignor.)
- Sylvania Electric Products Inc. (See Gardner, Roland M., assignor.)
- Sylvania Electric Products Inc. (See Gardner, R. M., and Allen, assignors.)
- Sylvania Electric Products Inc. (See Gates, Paul E., assignor.)
- Sylvania Electric Products, Inc. (See Holman, George E., assignor.)
- Sylvania Electric Products Inc. (See Keim, C. P., and Vassile, assignors.)
- Sylvania Electric Products Inc. (See Lowry, E. F., and Cox, assignors.)
- Sylvania Electric Products Inc. (See McCarthy, Henry J., assignor.)
- Sylvania Electric Products Inc. (See Merkle, Ralph S., assignor.)
- Sylvania Electric Products Inc. (See Michael, George A., assignor.)
- Sylvania Electric Products Inc. (See Miller, Carl F., assignor.)
- Sylvania Electric Products Inc. (See Scribner, Kenneth R., assignor.)
- Sylvania Electric Products Inc. (See Smith, William V., assignor.)
- Sylvania Electric Products Inc. (See Stuckert, William P., assignor.)
- Sylvania Electric Products Inc. (See Stuckert, W. P., and Snyder, assignors.)
- Sylvania Electric Products Inc. (See Thomas, Ralph B., assignor.)
- Sylvania Electric Products Inc. (See Thomas, R. B., and Gardner, assignors.)
- Sylvania Electric Products Inc. (See Toorks, William P., assignor.)
- Sylvania Electric Products Inc. (See Van Dyke, Walter H., assignor.)
- Sylvania Industrial Corporation. (See Cornwell, Ralph T. K., assignor.)
- Sylvania Industrial Corporation. (See Cornwell, R. T. K., Rosser, and Yountie, assignors.)
- Sylvania Industrial Corporation. (See Francis, Carleton S., Jr., assignor.)
- Sylvania Industrial Corporation. (See Reichel, Frank H., assignor.)
- Sylvania Industrial Corporation. (See Reichel, F. H., Craver, and Russell, assignors.)
- Sylvania Industrial Corporation. (See Russell, Arthur O., assignor.)
- Sylvania Industrial Corporation. (See Tobias, F. J., and Jessen, assignors.)
- Sylvania Industrial Corporation. (See Wallach, Roger N., assignor.)
- Sylvester, Kimmel A., Skokie, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,310,129; Feb. 2.
- Sylvester, Kimmel A., Skokie, assignor to Teletype Corporation, Chicago, Ill. Telegraph apparatus. 2,330,250; Sept. 28.
- Sylvester, Kimmel A., Skokie, assignor to Teletype Corporation, Chicago, Ill. Telegraph transmitting system. 2,331,940; Oct. 19.
- Symington, Allwyn E., Woodside, N. Y. Partition construction. 2,331,745; Oct. 12.
- Symington-Gould Corporation. (See Barrows, Donald S., assignor.)
- Symington-Gould Corporation. (See Barrows, D. S., and Blumner, assignors.)
- Symington-Gould Corporation, The. (See Barrows, D. S., and Lake, assignors.)
- Symmes, Daniel D. (See La France, J. A., and Symmes.)
- Symmons, Paul C., Rosindale, Mass. Nonscald mixing valve. 2,308,127; Jan. 12.
- Symons, Arthur H., assignor to Symons Clamp & Mfg. Company, Chicago, Ill. Shore head structure. 2,331,247; Oct. 5.
- Symons Clamp & Mfg. Company. (See Symons, Arthur H., assignor.)
- Symons, Loren G., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Rod screen. 2,308,572; Jan. 19.
- Symons, Loren G., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Vibrating screen. 2,316,725; Apr. 13.
- Symons, Loren G., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Bar grizzly. 2,321,166; June 8.

- Synchro Machine Company. (See Bruestle, Carl O., assignor.)
- Synchro Machine Company. (See Fantone, Charles B., assignor.)
- Synchro Machine Company. (See Orr, Carroll E., assignor.)
- Synchro Machine Company. (See Parvin, Edward G., assignor.)
- Synchro Manufacturing Company. (See Davis, Bert, assignor.)
- Synchronized Systems Company. (See Reader, Joseph T., assignor.)
- Synchro-Start Products, Inc. (See Williams, William J., assignor.)
- Synton Company. (See Weyandt, C. S., and Missien, assignors.)
- Syner, Milford G., assignor to Plastic Inlays, Inc., Summit, N. J. Machine for inlaying. 2,318,977; May 11.
- Syracuse Chilled Plow Company. (See Baker, Herbert N., assignor.)
- Syracuse Ornamental Company. (See Holstein, David M., assignor.)
- Syrovy, Augustin J. (See Neracher, C. A., Dunn, Javelli, and Syrov, assignors.)
- Syrovy, Augustin J. (See Neracher, C. A., Dunn, Syrov, Javelli, Bucy, and Schotz.)
- Syrovy, Augustin J. (See Neracher, C. A., Patterson, Javelli, Bucy, Syrov, and Baker.)
- Syrovy, Augustin J. (See Neracher, C. A., Syrov, Dunn, Javelli, and Bucy.)
- Syverud, Annar E., Minneapolis, Minn. Dispensing device. 2,329,666; Sept. 14.
- Szabo, Andrew, Jr., Lorain, Ohio. Tube rolling machine. 2,336,133; Dec. 7.
- Szabo, Lester J., Cleveland, Ohio, assignor to S. M. A. Corporation, Chicago, Ill. N-(P-amino and acyl-P-aminoarylsulphonylamido)-pyridine-carboxylic acids and thermal decomposition product thereof. 2,321,332; June 8.
- Szager, Frank G., Los Angeles, Calif. Gaseous fuel mixer device. 2,325,285; July 27.
- Szalla, Frank I., Chicago, Ill. Combination light fixture and ornament mounting. 2,321,872; June 15.
- Szatrow, Mikolaj, Manila, P. I.: vested in the Alien Property Custodian. Game. 2,313,303; Mar. 9.
- Szayna, Antoni, Brooklyn, assignor to A. C. Travis, New York, N. Y. Treatment of hydrocarbons. 2,337,358; Dec. 21.
- Szego, Constantin S., New York, N. Y., assignor to The Rauland Corporation, Chicago, Ill. Cathode ray tube. 2,334,516; Nov. 16.
- Szego, Constantin S., New York, N. Y., assignor to The Rauland Corporation, Chicago, Ill. Color television system. 2,336,134; Dec. 7.
- Szogo, Iszo, Budapest, Hungary, and E. Keszler, Milan, Italy, assignors to Universag technische A. G., Glarus, Switzerland. Typewriting machine. 2,307,339; Jan. 5.
- Szego, Steven D., assignor to American Diagrid Corporation, New York, N. Y. Beam connecting unit. 2,313,280; Mar. 9.
- Szegvari, Andrew, Fairlawn, and A. H. Felkert, Wadsworth, assignors to American Anode Inc., Akron, Ohio. Treating fibrous materials and product thereof. 2,335,321; Nov. 30.
- Szekely, George, Haifa, Palestine. Electromagnetically driven diaphragm pump for liquids. 2,307,246; Jan. 5.
- Szekely, Otto E., Philadelphia, Pa., assignor to Martin Motors, Inc., Dover, Del. Internal Combustion engine. 2,334,731; Nov. 23.
- Szillard, Julius A., Rome, assignor to General Cable Corporation, New York, N. Y. Electrical conductor. 2,320,201; May 25.
- Szlinay, Ladina, Budapest, Hungary: vested in the Alien Property Custodian. Making aidol. 2,332,949; Oct. 26.
- Szullist, Stephen. (See Labin, F. R., and Szullist.)
- Tabb, Warner T., Brooklyn, assignor, by mesne assignments to Reconstruction Finance Corporation, New York, N. Y. Valve mechanism. 2,310,913; Feb. 9.
- Tabb, Warner T., Brooklyn, assignor to Elsemann Magneto Corporation, New York, N. Y. Fluid transfer apparatus. 2,318,128; May 4.
- Tabenkin, Benjamin. (See Ward, G. E., and Tabenkin.)
- Taber, Walter S., Honolulu, Territory of Hawaii. Internal combustion engine. 2,317,154; Apr. 20.
- Taarn, Donald L., Lake Bluff, assignor to Abbott Laboratories, North Chicago, Ill. Mercurated alkyl amides of dibasic phenylene acids and homologues thereof. 2,311,267; Feb. 16.
- Tack, Carl E. (See Baselt, W. H., and Tack.)
- Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,327,157; Aug. 17.
- Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Snubber. 2,336,969; Dec. 14.
- Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,336,970; Dec. 14.
- Tack, Carl E., and W. A. Heisten, assignors to American Steel Foundries, Chicago, Ill. Rotor brake. 2,310,266; Feb. 9.
- Taffae, Israel S., Cedarhurst, N. Y. Flower holding barrette. 2,337,782; Dec. 28.
- Taft, Harold W., assignor to Coleman Bottled Gas, Inc., Wichita, Kans. Cooking range. 2,321,167; June 8.
- Taggart, Millard S., Jr., Houston, Tex., assignor to Standard Oil Development Company. Geochemical prospecting. 2,330,758; Sept. 28.
- Tagliabue, Charles J., Mfg., Co. (See Erbruth, Paul F. K., assignor.)
- Talbot, Charles J. Mfg. Co. (See Smith, Ed S., assignor.)
- Talnton, Uryln C., Baltimore, Md. Metal treatment. 2,311,099; Feb. 16.
- Talnton, Uryln C., Baltimore, Md. Electrolytic cleaning of metals. 2,311,139; Feb. 16.
- Tait, William H., Pinner, and E. Chalmers, London, England. Apparatus for electrically testing the thickness of thin layers. 2,320,761; June 1.
- Takach, Joseph P., West New Brighton, N. Y. Medicine spoon. 2,313,977; Mar. 16.
- Takashima, Naotchi. (See Kitani, R., Takashima, and Kaneko.)
- Takiff, Jack. (See Newcomer, E. G., and Takiff.)
- Talany, Joseph A., Boston, Mass. Apparatus for producing porous spongy articles of rubber or rubber like materials. 2,314,176; Mar. 16.
- Talbert, Guy W., Summit, N. J., assignor to Allied Chemical & Dye Corporation. Calcium sulphate composition. 2,318,540; May 4.
- Talbert, Jack C., Denver, Colo. Printing press inking means. 2,317,437; Oct. 12.
- Talbot, Evariste E., Fall River, Mass. Shuttle. 2,314,668; Mar. 23.
- Talbot, Evariste E., Fall River, Mass. Shuttle. 2,314,669; Mar. 23.
- Talbot, Geoffrey W., Buxton, England, assignor to Imperial Chemical Industries Limited. Automatic bag filling and weighing machine. 2,317,865; Apr. 27.
- Talbot, Howard H. (See Knudsen, E., and Talbot.)
- Talbot, Howard H. (See Rudert, L. N., and Talbot.)
- Talbot Mills. (See Clark, T. T., Stanley, and Hayes, assignors.)
- Talbot, Oliver C., assignor of one-half to Joseph M. Nolan, Kansas City, Mo. Rotary internal combustion engine. 2,334,655; Nov. 16.
- Talbot, Ralph H. (See McNally, J. G., Fordyce, and Talbot.)
- Talbot, Ralph H., assignor to Eastman Kodak Company, Rochester, N. Y. Antiabrasion coating for photographic film. 2,331,746; Oct. 12.
- Talbot, Richard C., assignor to Wright's Automatic Tobacco Packing Machine Company, Durham, N. C. Rectangular. 2,317,651; Apr. 27.
- Talbot, Richard C., and F. L. Beyer, assignors to Wright's Automatic Tobacco Packing Machine Company, Durham, N. C. Machine for supplying inserts to packages. 2,322,175; June 15.
- Talbutt, Oral. (See Rhehart, P. C., and Talbutt.)
- Talboys, Henry H., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Car floor surfacing device. 2,320,161; May 25.
- Talboys, Henry H., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Aziding machine. 2,336,652; Dec. 14.
- Tallmer, Mattie O., Philadelphia, Pa. Convertible article of furniture. 2,334,297; Nov. 16.
- Talley, Benjamin B., United States Army. Map plotting device. 2,334,129; Nov. 2.
- Talley, Thurmon H., Syracuse, N. Y. Noiseless electric printing machine. 2,308,461; Jan. 12.
- Tallis, Ernest B., and W. J. C. Field, Coventry, assignors to Courtaulds Limited, London, England. Treatment of cellulosic textile materials. 2,312,199; Feb. 23.
- Tallman, Emma S., et al. (See Johnston, Douglas, assignor.)
- Tallman, Gentry L., et al. (See Johnston, Douglas, assignor.)
- Tallman, Jesse L., et al. (See Johnston, Douglas, assignor.)
- Tallman, Jesse J., Fort Bragg, Calif. Tilttable lumber hoist. 2,317,000; Apr. 20.
- Tallman, Leslie R., et al. (See Johnston, Douglas, assignor.)
- Tallman Manufacturing Company. (See Johnston, Douglas, assignor.)
- Tallman, Oscar F., assignor to James R. Kearney Corporation, St. Louis, Mo. Attaching device. 2,309,261; Jan. 26.
- Tallman, Oscar F., assignor to J. R. Kearney Corporation, St. Louis, Mo. Connector. 2,315,825; Apr. 6.
- Tallman, Oscar F., assignor to J. R. Kearney Corporation, St. Louis, Mo. Wire attaching device. 2,315,826; Apr. 6.
- Talmage, Charles R., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Flatiron base. 2,323,162; June 29.
- Talmei, Paul, assignor to Radio Inventions, Inc., New York, N. Y. Electrolytic recording. 2,319,765; May 18.
- Talon. (See Hamm, Homer A., assignor.)
- Talon, Inc. (See Bailey, Perkins H., assignor.)
- Talon, Inc. (See Carlie, Alfred E., assignor.)
- Talon, Inc. (See Hartley, Emmett C., assignor.)
- Talon, Inc. (See Poux, Noel J., assignor.)
- Talon, Inc. (See Wooters, Percival C., assignor.)
- Talon, Inc. (See Zaleske, Michael J., assignor.)

- Talty, Frank A., Topeka, Kans. Traffic guide. 2,313,600; Mar. 9.
- Tamarin, Abraham H., Chicago, Ill. Artificial tooth. 2,315,669; Apr. 6.
- Tamarin, Bernard J., Philadelphia, Pa. Electric vacuum cleaner. 2,314,177; Mar. 16.
- Tamarin, Bernard J., Philadelphia, Pa. Cigarette package. 2,321,112; June 8.
- Tamburr, Victor E., and L. L. Neldenberg, assignors to Industrial Timer Corp., Newark, N. J. Electric timing switch. 2,317,120; Apr. 20.
- Tamele, Miroslav, Oakland, and L. B. Ryland, El Cerrito, assignors to Shell Development Company, San Francisco, Calif. Electrochemical halohydrination and electrode regeneration. 2,317,866; Apr. 27.
- Tammings, William, Bronx, N. Y., assignor to Monitor Process Corporation, Jersey City, N. J. Dispensing device. 2,313,846; Mar. 16.
- Tamoschat, William, New York, assignor to David H. Zell, Brooklyn, N. Y. Container. 2,330,016; Sept. 21.
- Tampier, René, Cricklewood, London, England. Retractable undercarriage for aircraft. 2,309,550; Jan. 26.
- Tampier, René, Cricklewood, London, England. Aircraft. 2,319,169; May 11.
- Tanberg, Ragnar, Askollen, Drammen, Norway; vested in the Alien Property Custodian. Cooling glass ribbon in fourcircuit machines. 2,313,495; Mar. 9.
- Tancered, William L., assignor to Veeder-Root Incorporated, Hartford, Conn. Register drive mechanism. 2,309,332; Jan. 26.
- Tancered, William L., assignor to Veeder-Root Incorporated, Hartford, Conn. Register. 2,314,637; Mar. 23.
- Tancered, William L., assignor to Veeder-Root Incorporated, Hartford, Conn. Predetermining counter mechanism. 2,337,844; Dec. 28.
- Tandler, William S., and W. Teller, New York, and D. S. Walker, Bronx, assignors to Lefter Corporation, New York, N. Y. Lace curtain machine. 2,314,526; Mar. 23.
- Tandler, William S., and P. M. Mazur, assignors to Industrial Scientific Corporation, New York, N. Y. Robot vehicle. 2,321,874; June 15.
- Tandler, William S., and D. S. Walker, assignor to Industrial Scientific Corporation, New York, N. Y. Photoelectric control device. 2,336,376; Dec. 7.
- Tangen, Anthony, Detroit, Mich. Power take-off mechanism. 2,315,679; Mar. 9.
- Tangerman, William J., Hammond, Ind., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Power take-off for air circulating means. 2,336,135; Dec. 7.
- Tanide Products Incorporated. (See McQuiston, Raymond C., assignor.)
- Tanis, Cyril. (See Tanis, Paul, R., and C.)
- Tanis, Paul, R., and C., Chicago, Ill. Universal tufting machine. 2,337,529; Dec. 21.
- Tanis, Raymond. (See Tanis, Paul, R., and C.)
- Tanke, Willard H., La Crosse, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Tractor mower. 2,320,057; May 25.
- Tanner, Arnold J., North Haven, Conn. Container. 2,308,128; Feb. 2.
- Tanner, Frederick C., Cranston, R. I., assignor to Federal Products Corporation. Bore gauge. 2,312,222; Feb. 23.
- Tanner, Howard A. (See Bachman, G. B., and Tanner.)
- Tannowitz, Carl E., Grand Rapids, Mich. Automatic band saw braking mechanism. 2,311,268; Feb. 16.
- Tannheim, Hugo, Munich, Germany; vested in the Alien Property Custodian. Electric welding. 2,332,950; Oct. 26.
- Tansley, Leslie R., assignor to White Castle System, Inc., Columbus, Ohio. Machine for holding and dispensing drinking cups. 2,315,827; Apr. 6.
- Tanzl, Mario, Chicago, Ill. Cigarette dispenser. 2,309,799; Feb. 2.
- Taper, Oscar C., and J. G. Frost, Seattle, Wash., assignors to Ray Oil Burner Co., San Francisco, Calif. Control device for burner nozzles. 2,324,120; July 13.
- Tapp, Theodore C. (See Heath, Albert R. N.)
- Tappan, Dewitt, assignor to The Caldwell Manufacturing Co., Rochester, N. Y. Sash balance. 2,335,816; Nov. 30.
- Tappen Store Company, The. (See Mayer, Charles M., assignor.)
- Tarbox, John P., assignor to Budd Wheel Company, Philadelphia, Pa. Melting furnace. 2,337,072; Dec. 21.
- Tarburton, John A., Dover, Del. Locator for submerged aircraft and the like. 2,323,163; June 29.
- Tark, Marcus B., Philadelphia, Pa., assignor to Link Belt Company, Chicago, Ill. Sedimentation tank. 2,318,436; May 4.
- Tarring, Robert E. (See Edwards, LeR. V., Tarring, and Weiss, Jr.)
- Tarshis, Elias A. (See Bard, Morry A., and Tarshis.)
- Tartaglia, Paul, Albany, N. Y. Screen. 2,332,185; Oct. 19.
- Tartaglia, Richard A. (See Remington, F., and Tartaglia.)
- Tartaron, Francis X., Mulberry, Fla., assignor, by mesne assignments, to Minerals Separation North American Corporation, New York, N. Y. Concentration of kyanite. 2,326,807; Aug. 17.
- Tartaron, Francis X., Mulberry, Fla., assignor, by mesne assignments, to Minerals Separation North American Corporation, New York, N. Y. Concentration of potash ores. 2,330,158; Sept. 21.
- Tarte, Grover C., Blackstock, S. C. Protector mechanism for looms. 2,336,325; July 27.
- Tascher, Eugene S., Ingleside, Ill., and W. Bazant, Wyandanch, assignors to National Biscuit Company, New York, N. Y. Conveying and delivery mechanism. 2,315,670; Apr. 6.
- Tasker, Hardwicke S., assignor to Ilford Limited, Ilford, England. Manufacture and use of fluorescent materials. 2,336,815; Dec. 14.
- Tassel, Edmund M., Senlis, France; vested in the Alien Property Custodian. Synthetic tannins. 2,320,678; June 1.
- Tate, Alexander, Fareham, England. Joint for concrete structures. 2,321,873; June 15.
- Tate, Edward J., assignor to Master Metal Products, Inc., Buffalo, N. Y. Cooking grill. 2,335,217; Nov. 23.
- Tate, Malcolm C., Stamford, Conn., assignor to The Baldwin Locomotive Works. Load weighing system. 2,314,178; Mar. 16.
- Tate, Malcolm C., Stamford, Conn., assignor to The Baldwin Locomotive Works. Weighing system. 2,325,345; July 27.
- Tate, Malcolm C., Stamford, Conn., assignor to The Baldwin Locomotive Works. Weighing and indicating apparatus. 2,331,871; Oct. 19.
- Tate, Virgil, K., assignor to Perfex Corporation, Milwaukee, Wis. Fuel burner system. 2,308,555; Jan. 19.
- Tathwell, Joseph H., Charlotte, N. C., assignor to Ditto, Incorporated, Chicago, Ill. Hectograph roll cabinet. 2,313,180; Mar. 9.
- Tatman, John H., Charlotte, N. C., assignor to Ditto, Incorporated, Chicago, Ill. Hectograph blanket conditioning container. 2,320,835; June 1.
- Tatosian, Harry G., and R. A. Yohai, New York, N. Y. Machine for making and shaping cakes. 2,321,634; June 15.
- Tatter, John W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Brake. 2,308,961; Jan. 19.
- Tattersfield, Charles P. (See Wilcock, C. C., and Tattersfield.)
- Tatum, William W., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Acetate artificial silk dyestuffs. 2,329,798; Sept. 21.
- Tatun, Alexander A., Bakersfield, Calif., assignor to Bishop Oil Company, San Francisco, Calif. Perforating gun. 2,334,964; Nov. 23.
- Taubensee, Henry A. (See Geyer, Ernest H., assignor.)
- Tauber, Rudolf, New York, N. Y. Closely wound coil binder. 2,327,941; Aug. 24.
- Tauschek, Gustav, New York, N. Y.; vested in the Alien Property Custodian. Firearm and ammunition therefor. 2,313,030; Mar. 2.
- Tauschek, Gustav, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,323,429; July 6.
- Tauschek, Gustav, Vienna, Germany, assignor to International Business Machines Corporation, New York, N. Y. Sensing mechanism. 2,320,836; June 1.
- Tausch, Charles, St. Louis, Mo., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Blanking die set. 2,331,059; Oct. 5.
- Tauty, René, Clichy, France; vested in the Alien Property Custodian. Device for airchutes. 2,314,433; Mar. 23.
- Tautz, Herbert E., assignor, by mesne assignments, to Delta Manufacturing Company, Milwaukee, Wis. Rip gauge. 2,325,082; July 27.
- Tautz, Herbert E., Miami Beach, Fla., assignor, by mesne assignments, to Delta Manufacturing Company, Milwaukee, Wis. Stand for motor driven tools and the like. 2,325,083; July 27.
- Tavannes Machines Co. S. A. (See Boillat, Phillippe, assignor.)
- Tavarez, Joseph G., Sutter Creek, assignor to American Legion Amador Post #108, Inc., Jackson, Calif. Loading apparatus for ambulances. 2,327,680; Aug. 24.
- Tawney, Gerold L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Sensitivity of the pirani gauge. 2,315,671; Apr. 6.
- Tawney, Gerold L., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,323,735; July 6.
- Tawney, Gerold L., and W. A. Johnson, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pressure gauge. 2,315,672; Apr. 6.
- Tawney, Pliny O., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Urea-formaldehyde resin. 2,326,265; Aug. 10.
- Taylorson, Ewart S. (See Allen, W. S., Dimon and Taylorson.)
- Taylorson, Ewart S., Pittsburgh, Pa., assignor to Carnegie-Illinois Steel Corporation. Method and apparatus for continuously electroplating metallic strip. 2,312,452; Mar. 2.
- Taylor, Albert L., Henryville, Ind. Sectional boat. 2,328,693; Sept. 7.

- Taylor, August M., Fort Collins, Colo. Water motor. 2,310,816; Feb. 9.
- Taylor, August M., Fort Collins, Colo. Reflecting optical unit. 2,310,817; Feb. 9.
- Taylor, Carl R., Cleveland Heights, assignor to The Cream Cone Machine Company, Cleveland, Ohio. Apparatus for making coated confections. 2,311,709; Feb. 23.
- Taylor, Carl R., assignor to The Cream Cone Machine Company, Cleveland, Ohio. Apparatus for and process of handling hollow articles. 2,323,757; July 6.
- Taylor, Charles E. (See Crafts, I. M., and Taylor.)
- Taylor, Charles E., et al. (See Haselwood, Willis E., assignor.)
- Taylor, Charles H., New Barnet, England. Joint-making material for pipes or the like. 2,329,014; Sept. 7.
- Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaner apparatus. 2,310,267; Feb. 9.
- Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaning apparatus. 2,310,268; Feb. 9.
- Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaner apparatus. 2,312,781; Mar. 2.
- Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaning apparatus. 2,326,311; Aug. 10.
- Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaning apparatus. 2,327,225; Aug. 17.
- Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaning apparatus. 2,328,038; Aug. 31.
- Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaning apparatus. 2,329,563; Sept. 14.
- Taylor, Charles H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Suction cleaning apparatus. 2,334,732; Nov. 23.
- Taylor, Clarence L., assignor to The Aetna-Standard Engineering Company, Youngstown, Ohio. Classifier. 2,328,859; Sept. 7.
- Taylor, Clarence L., assignor to The Aetna-Standard Engineering Company, Youngstown, Ohio. Conveyor structure. 2,328,860; Sept. 7.
- Taylor, Clyde B. (See Allen, F. M., and Taylor.)
- Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Combination switch. 2,329,094; Sept. 7.
- Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve. 2,336,653; Dec. 14.
- Taylor, Douglas, Solihull, near Birmingham, England. Lens grinding or polishing machine. 2,323,164; June 29.
- Taylor, Edmund R. (See Hecht, G., Lundstrom and Taylor.)
- Taylor, Edward H., Oak Park, Ill. Producing pipe bonds. 2,318,113; May 4.
- Taylor, Edward H., Chicago, Ill. Pipe joint. 2,324,335; July 13.
- Taylor, Edward H., Chicago, Ill. Pipe fitting. 2,329,956; Sept. 21.
- Taylor, Edward S., Cambridge, Mass., assignor to Wright Aeronautical Corporation. Resilient engine mount. 2,310,882; Feb. 9.
- Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Thermal and electromagnetic switch opening mechanism. 2,308,401; Jan. 12.
- Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Thermal circuit interrupter. 2,313,281; Mar. 9.
- Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Fusible electric protective device. 2,321,711; June 15.
- Taylor Engines, Inc. (See Taylor, Lloyd M., assignor.)
- Taylor, Ewing H., and W. S. Carter; said Taylor assignor to W. S. Carter, Dallas, Tex. Display easel. 2,317,867; Apr. 27.
- Taylor, Francis A., Long Beach, and L. Spencer, assignors to Lane-Wells Company, Los Angeles, Calif. Setting tool for cement retainers. 2,326,411; Aug. 10.
- Taylor, Francis M., Columbus, Ohio. Furling bracket. 2,309,420; Jan. 28.
- Taylor, Frank H., assignor to Lehigh Structural Steel Company, New York, N. Y. Cable tensioning mechanism. 2,328,364; Aug. 31.
- Taylor, Frank S., Content, Mont. Spring jaw trap. 2,333,828; Nov. 9.
- Taylor, Frank V. (See Southerland, B. A., and Taylor.)
- Taylor, Franklin W., Stibnite, Idaho. Fence post. 2,330,017; Sept. 21.
- Taylor, Fred L. (See Gabel, A. R., and Taylor.)
- Taylor, Fred L., and J. E. Livak, assignors to The Dow Chemical Company, Midland, Mich. Substituted phenol. 2,313,782; Mar. 16.
- Taylor, Fred L., and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. Ethers. 2,326,702; Aug. 10.
- Taylor, Fred R., Roseville, Ill. Toolholder. 2,331,638; Oct. 12.
- Taylor, Galen M., Cooper, Tex., L. R. Bradshaw, Herndon, Va., and S. G. Green, Gray, Ga. Fire control system. 2,317,419; Apr. 27.
- Taylor, Galen M., E. S. Army, Cooper, Tex., L. R. Bradshaw, Herndon, Va., and S. G. Green, Gray, Ga. Deflection transmitter. 2,335,890; Dec. 7.
- Taylor, George H., Norfolk, Va. Ticket and ticket holding device. 2,331,086; Oct. 5.
- Taylor, Guy R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of polyamide films. 2,321,635; June 15.
- Taylor, Harold F., assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Making sealed capsules. 2,314,527; Mar. 23.
- Taylor, Hugh S., Princeton, assignor to Research Corporation, New York, N. Y. Construction of molecular models. 2,308,402; Jan. 12.
- Taylor, Hugh S., and H. Felter, Princeton, N. J., assignors to Process Management Company, Inc., Wilmington, Del. Hydrocarbon conversion. 2,336,900; Dec. 14.
- Taylor Instrument Companies. (See Brown, Bralnard H., assignor.)
- Taylor Instrument Companies. (See Hartman, Elmer C., assignor.)
- Taylor Instrument Companies. (See Olson, Raymond E., assignor.)
- Taylor Instrument Companies. (See Widmer, Jules A., assignor.)
- Taylor Instrument Companies. (See Worner, George R., assignor.)
- Taylor Instrument Companies. (See Ziegler, John G., assignor.)
- Taylor, Isabel D., Detroit, Mich. Sleeping bag. 2,319,058; May 25.
- Taylor, Ivan M., U. S. Army. Tire iron. 2,311,789; Feb. 23.
- Taylor, Jack, Yavapai County, Ariz. Double divider. 2,326,412; Aug. 10.
- Taylor, Jack, (See Ramsell, H. G. and Taylor.)
- Taylor, Jacob B. (See Rucker, W. P. and Taylor.)
- Taylor, James S., Tulsa, Okla. Spider and slip construction. 2,319,016; May 11.
- Taylor, James V., Los Angeles, Calif. Luminous fish lure. 2,335,322; Nov. 30.
- Taylor, John A., Bethlehem, Pa., assignor to Bethlehem Steel Company, Method and apparatus for hardening steel rolls. 2,317,233; Apr. 20.
- Taylor, John A., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,320,501; June 1.
- Taylor, John A., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,321,113; June 8.
- Taylor, John J., Wadsworth, assignor to The Ohio Brass Company, Mansfield, Ohio. Bolt rotating tool. 2,320,679; June 1.
- Taylor, John W. (See Reid, E. J., and Taylor.)
- Taylor, Judson O., Zanesville, Ohio, deceased, L. L. Combs and J. Ebersbach, executors. Walker and rolling chair. 2,312,602; Mar. 2.
- Taylor, Kenneth G., Detroit, Mich. Industrial door opening means. 2,332,028; Oct. 19.
- Taylor, Laurens A. (See Schwarzhaupt, P. J., Killam, and Taylor.)
- Taylor, Laurens A., Schenectady, N. Y., assignor to General Electric Company. Control device. 2,314,291; Mar. 16.
- Taylor, Leonard, Rochdale, England. Friction clutch. 2,322,326; June 22.
- Taylor, Lester M., Dayton, Ohio. Automatic form generating machine. 2,324,546; July 20.
- Taylor, Lloyd M., San Leandro, Calif., assignor to Taylor Engines, Inc., Oakland, Calif. Cylinder head construction for engines. 2,337,577; Dec. 28.
- Taylor, Maurice C. (See Hampell, C. A., and Taylor.)
- Taylor, Maurice C., Niagara Falls, assignor to The Matheson Alkali Works, Inc., New York, N. Y. Amalgam decomposition. 2,336,045; Dec. 7.
- Taylor, Myron L. (See Morse, J. F., and Taylor.)
- Taylor, Myron L. (See Nette, H. C., and Taylor.)
- Taylor, Myron L., Hudson, and C. T. Sears, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. System of inflation and apparatus for operating the same. 2,342,426; Dec. 21.
- Taylor, Raymond G., Jr., and D. B. Hooser, assignors to The Guiberson Corporation, Dallas, Tex. Well swab. 2,325,556; July 27.
- Taylor, Reginald, and G. T. Baker, Liverpool, England, assignors to Associated Telephone & Telegraph Company, Chicago, Ill. Telephone line identification. 2,332,267; May 4.
- Taylor, Reginald, and G. T. Baker, Liverpool, England, assignors, by mesne assignments, to Automatic Electric Laboratories, Inc., Chicago, Ill. Electrical signaling arrangement. 2,334,591; Nov. 16.
- Taylor, Richard. (See Caldwell, S. H., Jaeger, and Taylor.)

- Taylor, Richard, Cambridge, Mass., assignor to The Mace Carpet Company, Bloomsburg, Pa. Circuit controlling apparatus. 2,330,759; Sept. 28.
- Taylor, Robert H. (See Muskat, I. E., and Taylor.)
- Taylor, Robert J. (See Lytton, M. R., and Taylor.)
- Taylor, Robert S., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,332,820; Oct. 26.
- Taylor, Robert S., Seattle, Wash. Torque controlled mechanism. 2,334,734; Nov. 23.
- Taylor, Robert S., Seattle, Wash. Speed change system. 2,336,513; Dec. 14.
- Taylor, Rodney B., et al. (See Scanlon, Charles D., assignor.)
- Taylor, Rollin P., and R. E. Bingman, assignors to General Motors Corporation, Detroit, Mich. Black-out shade. 2,334,454; Nov. 16.
- Taylor, Russell C., Greenwich, Conn., assignor to American Can Company, New York, N. Y. Container. 2,309,144; Jan. 26.
- Taylor, Russell C., Greenwich, Conn., assignor to American Can Company, New York, N. Y. Container. 2,313,783; Mar. 16.
- Taylor, Russell C., Greenwich, Conn., assignor to American Can Company, New York, N. Y. Container. 2,315,563; Apr. 6.
- Taylor, Russell C., Greenwich, Conn., assignor to American Can Company, New York, N. Y. Container. 2,332,539; Oct. 26.
- Taylor Sales Engineering Company. (See Haselwood, Willis E., assignor.)
- Taylor, Samuel Y., Houston, assignor of fifty per cent to F. J. Herlein, Galveston, Tex. High density press. 2,313,102; Mar. 9.
- Taylor, Taylor & Hobson Limited. (See Warmisham, Arthur, assignor.)
- Taylor, Taylor & Hobson Limited. (See Warmisham, A., and Wynne, assignors.)
- Taylor, Thomas, & Sons, Inc. (See Parker, Ralph A., assignor.)
- Taylor, Walter W. (See Malsbary, J. F., and Taylor.)
- Taylor, Wilfrid, Saltcoats, Scotland, and Maldwyn Jones, Manchester, England, assignors to Imperial Chemical Industries, Limited. Manufacture of electric detonators. 2,331,007; Oct. 5.
- Taylor, William E., Riverside, Conn., assignor to American Can Company, New York, N. Y. Container. 2,317,420; Apr. 27.
- Taylor, William H., Martin County, Tex. Cleaning device. 2,315,673; Apr. 6.
- Taylor, William H., Waukesha, Wis. Space heat transfer apparatus. 2,321,262; June 8.
- Taylor, William H., Waukesha County, assignor to The Vilter Manufacturing Company, Milwaukee, Wis. Sand cooler. 2,310,603; Feb. 9.
- Taylor, William H., Waukesha County, assignor to The Vilter Manufacturing Company, Milwaukee, Wis. Snow ice feeder and distributor. 2,327,226; Aug. 17.
- Taylor, William H., Pawtucket, assignor to Crown Fastener Corporation, Warren, R. I. Package. 2,321,952; June 15.
- Taylor, William H., Pawtucket, assignor to Crown Fastener Corporation, Warren, R. I. Display package. 2,332,412; Oct. 19.
- Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Apparatus for the treatment of yarn packages. 2,316,900; Apr. 20.
- Taylor, William I., H. C. Olpin, and K. R. House, Spondon, near Derby, England, assignors to Celanese Corporation of America. Fireproofing textile materials. 2,330,251; Sept. 28.
- Taylor, William I., and W. Pool, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of artificial filaments. 2,330,932; Oct. 5.
- Taylor, William J., Nutley, assignor to Wilson Wire Works, Inc., Kearny, N. J. Seam for woven wire fabric. 2,311,885; Feb. 23.
- Taylor, William J., Nutley, assignor to Wilson Wire Works, Inc., Kearny, N. J. Seam for woven wire fabrics and making same. 2,331,814; Oct. 12.
- Taylor-Winfield Corporation. (See Coates, C. E., and Cooper, assignors.)
- Taylor-Winfield Corporation, The. (See Cooper, Joseph H., assignor.)
- Taylor-Winfield Corporation, The. (See Humphrey, Stanley M., assignor.)
- Taylor-Winfield Corporation, The. (See Humphrey, S. M., and Seeloff, assignors.)
- Taylor-Winfield Corporation, The. (See Seeloff, Melvin A., assignor.)
- Tea, Clark A., assignor to The Murray Corporation of America, Detroit, Mich. Rivet sticking device. 2,337,506; Dec. 21.
- Teach, Max K., assignor to The Columbus Show Case Company, Columbus, Ohio. Display case. 2,310,718; Feb. 9.
- Teague, James U., New Orleans, La., and G. E. Cannon, Houston, Tex., assignors to Standard Oil Development Company. Removal of mud cake in casing cement jobs. 2,326,577; Aug. 10.
- Teague, Martin L., Rochester, Tex. Cotton drying machine. 2,332,413; Oct. 19.
- Teague, Merwyn C., Ridgewood, N. J., and P. L. Mahoney, Jackson Heights, assignors to United States Rubber Company, New York, N. Y. Making perforate latex rubber films with or without textile fabric backings. Re. 2,290; Mar. 16.
- Teague, Merwyn C., Ridgewood, N. J., and T. G. Hawley, Jr., Naugatuck, Conn., assignors to United States Rubber Company, New York, N. Y. Elastic pile fabric. 2,312,200; Feb. 23.
- Teague, Monroe M., Lenoir, N. C. Woodworking machine. 2,314,179; Mar. 16.
- Teal, Gordon K., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Television system. 2,337,578; Dec. 28.
- Teas, John A., Sr., Des Moines, Iowa. Strap for anchoring duplex electric conductors. 2,317,825; Apr. 27.
- Teasdale, William C., Los Angeles, Calif. Laminated plasterboard. 2,308,942; Jan. 19.
- Tecalemit, Limited. (See Langley, Thomas W., assignor.)
- Tech Equipment Company. (See Williams, Bradlee W., and H. S., assignors.)
- Technical Casting & Manufacturing Co. (See van Amerongen, V., and Boyce, assignors.)
- Technical Devices Corporation. (See Gordon, M. K. Jr., and Hotopp, assignors.)
- Technicolor Motion Picture Corporation. (See Bennes, Charles D., assignor.)
- Technicolor Motion Picture Corporation. (See Clark, Arthur B., assignor.)
- Technicolor Motion Picture Corporation. (See Oliver, Leslie W., assignor.)
- Technicolor Motion Picture Corporation. (See Rackett, Gerald F., assignor.)
- Tedd, James R., Willamette, Oreg. Lawn mower sharpener. 2,321,953; June 15.
- Tedrow, Roy B., San Francisco, Calif. Wall structure. 2,316,819; Apr. 20.
- Teche, John, Haverhill, Mass. Increaser for lasting shoes. 2,308,250; Jan. 12.
- Teepie, Charles P., Wilmette, assignor to Crane Packing Company, Chicago, Ill. Bearing material. 2,326,000; Aug. 3.
- Teerlink, James. (See Casher, F., and Teerlink.)
- Teeters, Wilber O., Bergenfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polycarboxylic acids. Re. 2,332; July 20.
- Teeters, Wilber O., Roselle, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polycarboxylic acids. 2,316,636; Apr. 13.
- Teeters, Wilber O., Roselle, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Water-treating agents. 2,327,323; Aug. 17.
- Teeters, Wilbur O., Cheskill, N. J., and D. B. Salmon, assignors to Hoke Incorporated, New York, N. Y. Valve. 2,310,558; Feb. 9.
- Teetor, Herman, Hagerstown, Ind. Beverage serving device. 2,327,077; Aug. 17.
- Teetor, Herman, Hagerstown, Ind. Beverage set. 2,327,078; Aug. 17.
- Teff, Charles E., Rochelle Park, N. J., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Treatment of rubber goods. 2,321,114; June 8.
- Togarty, John B., assignor to Sterling Injection Molding, Inc., Buffalo, N. Y. Steering wheel or other articles. 2,311,317; Feb. 16.
- Togerhoff, Bernard J., St. Louis, Mo. Lifeboat. 2,325,436; July 27.
- Te Grotenhuis, Theodore A. (See Stewart, William E., assignor.)
- Te Grotenhuis, Theodore A., Olmstead Falls, Ohio. Frothing latex. 2,307,082; Jan. 5.
- Teichmann, Henry F., Washington, Pa., assignor to Forter-Teichmann Company. Manufacture of glass tubing. 2,310,474; Feb. 9.
- Teichmann, Henry F., Washington, Pa. Manufacture of hollow glass articles. 2,329,146; Sept. 7.
- Teichner, Rudolph R., Jackson Heights, assignor to Western Electric Company, Incorporated, New York, N. Y. Gas handling apparatus. 2,316,491; Apr. 13.
- Teitscheld, Alfred F., and L. F. Young, Wharton, N. J. Fuse. 2,336,514; Dec. 14.
- Teitsma, Wilbur, assignor of one-third to H. De Haan and one-third to H. Dykstra, Paterson, N. J. Fishing rod and reel. 2,327,469; Aug. 24.
- Teitsworth, Clark S. (See Simpson, T. P., Payne, Crowley, and Teitsworth.)
- Teitsworth, Clark S. (See Simpson, T. P., Payne, Crowley, Jr., and Teitsworth.)
- Telander, Carl L., Randolph, Mass. Calculating apparatus. 2,319,891; May 25.
- Telefonaktiebolaget L. M. Ericsson. (See Bjergel, Sven A., assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Hansson, John E., assignor.)
- Telefonaktiebolaget L. M. Ericsson. (See Hullegård, Erik W., assignor.)
- Telephone Answering and Recording Corporation. (See Van Deventer, Harry R., assignor.)
- Teletype Corporation. (See Burcky, Charles W., assignor.)
- Teletype Corporation. (See Doré, Arthur J., assignor.)
- Teletype Corporation. (See Gilbertson, Elmer G., assignor.)
- Teletype Corporation. (See Grey, Victor, assignor.)
- Teletype Corporation. (See Heding, Gustave, assignor.)

- Teletype Corporation. (See Janiszewski, Stephen, assignor.)
- Teletype Corporation. (See Krum, Howard L., assignor.)
- Teletype Corporation. (See Lake, Ross A., assignor.)
- Teletype Corporation. (See Larson, E. S., and Skeppstrom, assignors.)
- Teletype Corporation. (See Levin, Carl A., assignor.)
- Teletype Corporation. (See Levin, C. A., and Swan, assignors.)
- Teletype Corporation. (See Potts, Louis M., assignor.)
- Teletype Corporation. (See Reiter, Albert H., assignor.)
- Teletype Corporation. (See Swan, Carl W., assignor.)
- Teletype Corporation. (See Sylvester, Kimmel A., assignor.)
- Teletype Corporation. (See Vosburgh, Alan E., assignor.)
- Teletype Corporation. (See Wack, James E., assignor.)
- Teletype Corporation. (See Zenner, Raymond E., assignor.)
- Teletype Corporation. (See Zenner, Walter J., assignor.)
- Teletypewriter Corporation. (See Cook, L. R., and Goetz, assignors.)
- Teletypewriter Corporation. (See Potts, Louis M., assignor.)
- Teller, William. (See Tandler, W. S., Toller and Walker.)
- Tellers, Herbert. (See Pabich, W. R., and Tellors.)
- Tellman, Herbert M. (See Dirksen, A. D., and Tellman.)
- Temple, Elmer J., and Z. O. St. Palley, Pittsfield, Mass., assignors to General Electric Company. Electric translating apparatus. 2,334,045; Nov. 9.
- Temple, George W. Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Collapsible tube spraying to machine Velocity Equipment, Inc. 2,325,437; July 27.
- Temple, Harold F., Elmont, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Hole punching die. 2,325,437; July 27.
- Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Valve mechanism. 2,308,727; Jan. 19.
- Temple, Robert, Pittsburgh, Pa. Press. 2,320,680; June 1.
- Temple, Robert, Jr., Pittsburgh, Pa., assignor, by mesne assignments, to Temple Velocity Equipment, Inc. Bonding device. 2,316,112; Apr. 6.
- Temple, Robert, Jr., Pittsburgh, Pa., assignor, by mesne assignments, to Temple Velocity Equipment, Inc. Apparatus for performing work on metal. 2,323,758; July 6.
- Temple, Robert, Swissvale, Pa., assignor, by mesne assignments, to Temple Velocity Equipment, Inc., Denver, Colo. Underwater cable cutter. 2,314,528; Mar. 23.
- Temple, Robert, Swissvale, Pa., assignor, by mesne assignments, to Temple Velocity Equipment, Inc. Apparatus for testing pressure gauges. 2,318,724; May 11.
- Temple, Robert, Swissvale, Pa., assignor, by mesne assignments, to Temple Velocity Equipment, Inc. Load testing apparatus. 2,321,875; June 15.
- Temple, Trevor, Tappan, assignor to Electrical Testing Laboratories, New York, N. Y. Device for testing focal plane camera shutters. 2,314,254; Mar. 16.
- Temple Velocity Equipment, Inc. (See Temple, Robert, Jr., assignor.)
- Templeton, Kenly & Co. (See Schroeder, M. A., and Jakobek, assignors.)
- Templin, Richard L., New Kensington, Pa. Extensometer. 2,316,914; Apr. 20.
- Templin, Richard L., New Kensington, Pa. Materials holding grip. 2,317,826; Apr. 27.
- Teute, Nils Olsen, assignor to The Goss Printing Press Company, Chicago, Ill. Finishing stereotype plates. 2,336,046; Dec. 7.
- Tenacity Manufacturing Company, The. (See Auburn, Hubert, assignor.)
- Tenbrook, William E., Glenwood Springs, Colo. Vegetable topper. 2,322,905; June 29.
- Tench, John D., Tarrytown, assignor to Structural Patents Corporation, New York, N. Y. Metallic supporting structure. 2,307,869; Jan. 12.
- Tendick, Frank H., Grosse Pointe Park, and E. J. Lawson, assignors to Parke, Davis & Company, Detroit, Mich. Steroidal hormone intermediates and their preparation. 2,335,616; Nov. 30.
- Ten Eyck, Harry S., and C. A. Fulton, assignors to Southern Phosphate Corporation, Baltimore, Md. Aqueous drilling mud. 2,319,395; May 18.
- Tenger, Victoria, executrix. (See Broadwater, Henry S., assignor.)
- Tennant, G. H., Company. (See Anderson, Wilford A., assignor.)
- Tennessee Coal, Iron and Railroad Company. (See Holt, Barry G., assignor.)
- Tennison, Alfred A., Texarkana, Ark., and James D. Tennison, Memphis, Tenn. Termitte shield. 2,315,989; Apr. 6.
- Tennison, James D. (See Tennison, Alfred A. and James D.)
- Terpitz, Abraham J. (See Kennedy, H. T., and Tepitz.)
- Terndina, Frank, Jr., assignor to Boeing Aircraft Company, Seattle, Wash. Airfoil construction. 2,312,603; Mar. 2.
- Terhaar, Ferdinand H., assignor to Portable Lung, Inc., Los Angeles, Calif. Respirator. 2,309,361; Jan. 26.
- Ter Horst, William P. (See Howland, L. H., and Ter Horst.)
- Ter Horst, William P. (See Ladd, E. C., and Ter Horst.)
- Ter Horst, William P., Packanack Lake, N. J., assignor to United States Rubber Company, New York, N. Y. Parastitoid. 2,311,685; Feb. 16.
- Ter Horst, William P., Packanack Lake, N. J., assignor to United States Rubber Company, New York, N. Y. Parastitoid preparation. 2,329,861; Sept. 21.
- Terhune, Cornelius F., Kansas City, Mo. Centrifugal separator. 2,327,613; Aug. 24.
- Terjesen, Tellef A., Hoboken, N. J., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Adjustable spring loading device for relay armatures. 2,310,754; Feb. 9.
- Terman, Frederick E., Stanford University, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Diversity receiving system. 2,318,268; May 4.
- Ternstedt Manufacturing Company. (See Andersen, Andrew C., assignor.)
- Ternstedt Manufacturing Company. (See Cooley, Floyd A., assignor.)
- Ternstedt Manufacturing Company. (See Barnes, Stuart, C., assignor.)
- Ternstedt Manufacturing Company. (See Dean, Roy H., assignor.)
- Ternstedt Manufacturing Company. (See Harden, George N., assignor.)
- Ternstedt Manufacturing Company. (See Jackson, J. W., and Dean, assignors.)
- Ternstedt Manufacturing Company. (See Lakin, John W., assignor.)
- Ternstedt Manufacturing Company. (See Muldoon, John J., assignor.)
- Ternstedt Manufacturing Company. (See Olsen, Robert C., assignor.)
- Ternstedt Manufacturing Company. (See Schallis, Charles A., assignor.)
- Ternstedt Manufacturing Company. (See Simpson, Emory G., assignor.)
- Ternstedt Manufacturing Company. (See Ward, R. N., and Dean, assignors.)
- Terr, Joseph, Chicago, Ill. Electric lighting fixture and the like. 2,326,898; Aug. 17.
- Terrell, Charles F., Jr., Olney, assignor to The Pure Oil Company, Chicago, Ill. Drilling sleeve. 2,325,811; Aug. 3.
- Terrell, Charles F., Jr., Olney, assignor to The Pure Oil Company, Chicago, Ill. Drilling apparatus. 2,330,933; Oct. 5.
- Terrell, Edgar A., Charlotte, N. C., assignor to Terrell Machine Company, Driving center. 2,333,055; Oct. 26.
- Terrell Machine Company. (See Terrell, Edgar A., assignor.)
- Terry, Bennett F., Stamford, Conn. Recording device. 2,312,602; June 22.
- Terry, Charles R., et al. (See Money, Benjamin F., assignor.)
- Terry, Clifford B., Flushing, assignor to Lily-Tulip Cup Corporation, New York, N. Y. Apparatus for applying flanged closures. 2,325,557; July 27.
- Terry, Luther E., Williamson, W. Va. Tire buffing apparatus. 2,333,599; Nov. 2.
- Terry, Matson C. (See Terry, M. C., and Komroff, assignors.)
- Terry, Matson C., and P. Komroff, Toledo, Ohio, assignors, by mesne assignments, to Matson C. Terry, Washington, D. C. Self-contained air conditioner. 2,309,224; Jan. 26.
- Terry, Matson C., Columbus, Ohio. Scrubbing attachment for portable vacuum-type floor sweepers. 2,333,829; Nov. 9.
- Terry, Robert H., and D. J. Henry, assignors to General Motors Corporation, Detroit, Mich. Apparatus and process for treating metal powders. 2,329,862; Sept. 21.
- Terry, Spencer B., Washington, D. C., and R. S. Fox, assignors to Niles-Bement-Pond Company, West Hartford, Conn. Continuous thickness gauge. 2,308,033; Jan. 12.
- Terry, Spencer B., West Hartford, and R. S. Fox, Canton, assignors to Niles-Bement-Pond Company, West Hartford, Conn. Totalizer for rolling mills. 2,315,747; Apr. 6.
- Terry, Thomas A., Brooklyn, N. Y. Inking converter unit for job printing presses and the like. 2,333,962; Nov. 9.
- Terry, Trent B., Charlottesville, Va. Pajama pants. 2,325,924; Aug. 3.
- Terry, Victor J., and T. F. S. Hargreaves, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Voltage divider. 2,313,601; Mar. 9.
- Terry, Warren F., Somerville, Mass., and R. E. Goodenough, Northfield, Vt. Combination exhaust hood and clamping device. 2,308,403; Jan. 12.
- Terry, William C., Cambridge, assignor to Harriet E. Cole, Taunton, Mass. Closure device. 2,321,333; June 8.
- Terwilliger, Ivan M., Altadena, Calif. Motion picture film. 2,322,752; June 29.
- Terwilliger, Ivan M., Pasadena, Calif. Producing relief effects in optical images. 2,321,941; Oct. 19.
- Terzi, John, assignor to one-half to A. H. Mosher, Springfield, Mass. One guard and brake for skating shoes. 2,308,251; Jan. 12.

- Tesseyman, John E., and L. G. Miller, Bethlehem, Pa., assignors to Bethlehem Steel Company. Center brace for car bolsters. 2,309,024; Jan. 19.
- Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor and protected blade. 2,311,913; Feb. 23.
- Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Magazine for safety razor blades. 2,312,453; Mar. 2.
- Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Blade magazine. 2,312,502; Mar. 2.
- Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,312,503; Mar. 2.
- Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,314,564; Mar. 23.
- Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,315,990; Apr. 6.
- Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Blade magazine. 2,330,252; Sept. 28.
- Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor appliance. 2,330,639; Sept. 28.
- Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor. 2,336,047; Dec. 7.
- Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Safety razor blade. 2,336,048; Dec. 7.
- Testi, Nicholas, and F. J. Lewando, assignors to Gillette Safety Razor Company, Boston, Mass. Safety razor blade and combination thereof with razor guard. 2,336,515; Dec. 14.
- Testori, John B., assignor of forty percent to Zaven Lucassian, Detroit, Mich. Beverage dispensing apparatus. 2,331,872; Oct. 19.
- Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbons. 2,312,681; Mar. 2.
- Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Manufacture of gasoline. 2,328,178; Aug. 31.
- Teter, John W., Chicago, Ill., assignor to Sinclair Refining Company, New York, N. Y. Catalysis. 2,330,640; Sept. 28.
- Tetley, John L. (See Olin, J. F. and Tetley.)
- Teunisz, William C., Grand Rapids, Mich. Cream separator. 2,312,682; Mar. 2.
- Tevander, Swan N., Maywood, Ill. Closure cap. 2,328,365; Aug. 31.
- Tewksbury, John M., assignor of forty per cent to R. Lyons and twenty per cent to G. J. Davis, Skowhegan, Maine. Remote control device. 2,318,541; May 4.
- Texaco Development Corporation. (See Hare, Donald G. C., assignor.)
- Texas Company, The. (See Arnold, G. B., and Donn, assignors.)
- Texas Company, The. (See Barnett, R. S., and Kaufman, assignors.)
- Texas Company, The. (See Barron, Joseph M., assignor.)
- Texas Company, The. (See Birmingham, James A., Jr., assignor.)
- Texas Company, The. (See Bruner, F. H., and Skelton, assignors.)
- Texas Company, The. (See Clarke, L. A., Hatch, and Pevere, assignors.)
- Texas Company, The. (See Eastman, Du Bois, assignor.)
- Texas Company, The. (See Eastman, du B., and Barron, assignors.)
- Texas Company, The. (See Eastman, Du Bois, and Richker, assignors.)
- Texas Company, The. (See Eastman, D., and Scoville, assignors.)
- Texas Company, The. (See Gee, William P., assignor.)
- Texas Company, The. (See Goldsby, Arthur R., assignor.)
- Texas Company, The. (See Goldsby, A. R., and Korpi, assignors.)
- Texas Company, The. (See Goldsby, A. R., and Sensel, assignor.)
- Texas Company, The. (See Gross, Howard H., assignor.)
- Texas Company, The. (See Hare, Donald G. C., assignor.)
- Texas Company, The. (See Kiersted, Wynkopp, Jr., assignor.)
- Texas Company, The. (See Knowles, E. C., and McCoy, assignors.)
- Texas Company, The. (See Langer, Theodore W., assignor.)
- Texas Company, The. (See MacKnight, John D., assignor.)
- Texas Company, The. (See McCleary, R. F., and Roberts, assignors.)
- Texas Company, The. (See McNealy, Eddins W., assignor.)
- Texas Company, The. (See Meadows, James L., assignor.)
- Texas Company, The. (See Ogarrio, Rodolfo, assignor.)
- Texas Company, The. (See Pevere, E. F., Clarke, and Hatch, assignors.)
- Texas Company, The. (See Ryan, W. J., and Kendall, assignors.)
- Texas Company, The. (See Sensel, Eugene E., assignor.)
- Texas Company, The. (See Sensel, E. E., and Goldsby, assignors.)
- Texas Company, The. (See Skelton, W. E., Sensel, and Goldsby, assignors.)
- Texas Company, The. (See South, Joseph A., assignor.)
- Texas Company, The. (See Stratford, William M., assignor.)
- Texas Company, The. (See Strawn, Lynn R., assignor.)
- Texas Company, The. (See Thurston, Robert R., assignor.)
- Texas Company, The. (See Tomlinson, Lowell E., assignor.)
- Texas Company, The. (See Trow, Richard F., assignor.)
- Texas Company, The. (See Veltman, Preston L., assignor.)
- Texas Company, The. (See Walker, Harry H., assignor.)
- Texas Company, The. (See Watson, Claude W., assignor.)
- Texas Company, The. (See Wilkinson, Clarence E., assignor.)
- Texas Foundries, Inc. (See Klein, John O., assignor.)
- Texas Gulf Sulphur Company. (See Bacon, R. F., and Bencowitz, assignors.)
- Texas Gulf Sulphur Company. (See Wright, B. U., and McKinney, assignors.)
- Textile Machine Works. (See Autem, Fred, assignor.)
- Textile Machine Works. (See Printz, Henry, assignor.)
- Textile Leather Corporation. (See Lott, de F., Grinsfelder, and Hamway, assignors.)
- Thacher, Sheldon P., Grosse Pointe, and G. G. Havens, Detroit, Mich., assignors to United States Rubber Company, New York, N. Y. Static eliminator for vehicles. 2,318,540; May 4.
- Thacker, Carlisle M., Toledo, Ohio, assignor to The Pure Oil Company, Chicago, Ill. Preparing high boiling hydrocarbons. 2,309,718; Feb. 2.
- Thacker, Carlisle M., Highland Park, assignor to The Pure Oil Company, Chicago, Ill. Sulphur oxidation of hydrocarbons. 2,330,934; Oct. 5.
- Thacker, Ralph S., Whitney, Nev., assignor to Leo M. Machin, La Crosse, Calif. Control for washing machine cylinders. 2,334,965; Nov. 23.
- Tharp, Fred L., East Detroit, Mich. Door check. 2,311,790; Feb. 23.
- Thatcher, Frederick M., Clairton, J. H. Wells, and P. J. Wilson, Jr., Pittsburgh, Pa., said Wells and said Wilson assignors to Carnegie-Illinois Steel Corporation. Recovery of volatile organic compounds from coke oven by-products. 2,310,659; Feb. 9.
- Thatcher, Linden A., assignor to Pitney-Bowes Postage Meter Company, Stamford, Conn. Coin operated mailing machine. 2,315,828; Apr. 6.
- Thatcher, Linden A., assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Coin controlled mailing machine. 2,329,306; Sept. 14.
- Thaxton, Burnise E., Roseville, Mich., assignor to Parker-Wolverine Company, Detroit, Mich. Transfer roll. 2,332,476; Oct. 19.
- Thayer, Clarence H., Wallingford, assignor to Sun Oil Company, Philadelphia, Pa. Process and apparatus for regulating the temperature of catalytic masses. 2,309,996; Feb. 2.
- Thayer, Paul M., Milwaukee, Wis. Sewage treatment method and apparatus. 2,337,507; Dec. 21.
- Thayer, Richard N., Cleveland Heights, Ohio, assignor to General Electric Company. Gaseous discharge lamp. 2,313,683; Mar. 9.
- Thayer, Sidney A. (See Doisy, E. A., Thayer, Binkley, McKee, and MacCorquodale.)
- Therge, Edwin O. P., assignor to Aktiebolaget Atlas Diesel, Stockholm, Sweden. Internal combustion engine. 2,314,670; Mar. 23.
- Thelander, W. Vincent, Auburn, Ind. Friction clutch plate. 2,307,340; Jan. 5.
- Thelander, W. Vincent, Auburn, Ind. Clutch plate. 2,337,135; Dec. 21.
- Thelander, W. Vincent, Rockford, Ill. Clutch plate. 2,318,520; Apr. 20.
- Thelander, W. Vincent, Rockford, Ill. Clutch plate. 2,337,134; Dec. 21.
- Then, Edward O., Newark, N. J., assignor to American Can Company, New York, N. Y. Container. 2,313,784; Mar. 16.
- Then, Edward O., Newark, N. J., assignor to American Can Company, New York, N. Y. Container. 2,325,084; July 27.
- Theodos, Vangel, San Francisco, Calif. Railroad crossing and switch construction. 2,321,436; June 8.
- Therault, Raymond J., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body. 2,330,182; Sept. 21.
- Thornick Corporation. (See Barrett, Harold G., assignor.)
- Thermo-Plastic Bottle Sealing Corporation. (See Mancuso, Philip, assignor.)
- Thermo-Plastic Corporation, The. (See Stephanoff, Nicholas N., assignor.)
- Thew Shovel Company. (See Zeilman, Roy H., assignor.)
- Thiart, Adolf. (See Kaufmann, W., Flügel, Thewalt, and Fersch.)
- Thews, Otto, Weyauwega, Wis. Electric razor. 2,331,873; Oct. 19.
- Thexton, Arthur L., Fort Thomas, Ky., assignor to Clopay Corporation, Cincinnati, Ohio. Curtain rod assembly. 2,321,334; June 8.
- Thexton, Arthur L., Fort Thomas, Ky., assignor to Clopay Corporation, Cincinnati, Ohio. Black-out window shade. 2,329,667; Sept. 14.

- Thibault, Antoine, Marseilles, France; vested in the Allen Property Custodian. Aquatic torch or light buoy. 2,331,439; Oct. 12.
- Thibault, Armand J., Hagerstown, Md., assignor to Fairchild Engine and Airplane Corporation. Aircraft control surface mounting. 2,334,848; Nov. 23.
- Thiele, Ferdinand G. W., Hempstead, assignor to B. A. Proctor Company, Inc., New York, N. Y. Signal recording and reproducing. 2,329,492; Sept. 14.
- Thiess, Bernard J. (See Dieter, C. E., Lynn, and Thiess.)
- Thiele, Berthold, assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Hasp. 2,314,180; Mar. 16.
- Thiele, Berthold R., assignor to E. R. Wagner Manufacturing Company, Milwaukee, Wis. Handle-attaching device. 2,332,765; Oct. 26.
- Thiele, Clyde, Hampton, Va. Riveting machine. 2,331,359; Oct. 12.
- Thiele, Ernest W., assignor to Standard Oil Company, Chicago, Ill. Catalytic conversion. 2,312,006; Feb. 23.
- Thiele, Ernest W., and G. E. Schmitkons, assignors to Standard Oil Company, Chicago, Ill. Iso-forming. 2,326,703; Aug. 10.
- Thiele, Ernest W., G. E. Schmitkons, and C. M. Hull, assignors to Standard Oil Company, Chicago, Ill. Coker-isofor-ming system. 2,326,704; Aug. 10.
- Thiele, Ernest W., G. E. Schmitkons, and C. M. Hull, assignors to Standard Oil Company, Chicago, Ill. Iso-forming. 2,326,705; Aug. 10.
- Thiele, William E., Wisconsin Rapids, and W. E. Beadle, Sr., late of Wisconsin Rapids, Wis., by W. E. Beadle, Jr., Blron, administrator, to Consolidated Water Power and Paper Company, Wisconsin Rapids, Wis. Paper coating device. 2,333,902; Nov. 9.
- Thielke, Norman R. (See Walner, E., and Thielke.)
- Thieller, Henry J., assignor to Western Electric Company, Incorporated, New York, N. Y. Making rollers. 2,315,910; Apr. 6.
- Thieman, William B., Albert City, Iowa. Stock feeder. 2,309,997; Feb. 2.
- Thiemann, Fred W. (See MacWilliam, W., and Thiemann.)
- Thiemann, Julius, Mount Vernon, N. Y. Face muscle inter. 2,307,714; Jan. 5.
- Thieler, Edmund J. H., Brooklyn, N. Y. Liquid level gauge. 2,333,397; Nov. 2.
- Thies, Elmer C., Fredonia, N. Y. Apparatus for and method of removing abandoned streetcar tracks. 2,309,262; Jan. 26.
- Thiesen, Hugo A. J., St. Louis, Mo. Windmill. 2,309,283; Jan. 26.
- Thinius, Kurt, Ellenburg, Germany; vested in the Allen Property Custodian. Manufacture of rolls and tubes. 2,326,899; Aug. 17.
- Tholand, Nils K. G., New York, N. Y. Welding rod. 2,317,421; Apr. 27.
- Thom, John F., Needham, assignor to American Tool & Machine Co., Hyde Park, Boston, Mass. Driving mechanism for centrifugal separators. 2,312,655; Mar. 2.
- Tholstrup, Henry L. (See Nichols, H. J., Tholstrup, and Schiner.)
- Thom, Kurt, Berlin-Liechtersfelde, Germany; vested in the Allen Property Custodian. Circuit arrangement with secondary emission electron multipliers. 2,310,883; Feb. 9.
- Thom, Walter H. (See McEachron, E. J., Thom, Schroeder, and Johnson.)
- Thoma, Maurice R., Boonville, Mo. Timing apparatus. 2,321,876; June 15.
- Thomä, Otto. (See Scheuing, G., and Thomä.)
- Thoma, Paul J. (See Erickson, D. R., and Thoma.)
- Thoma, William H., Pittsburgh, Pa. Elevating conveyor. 2,317,313; Apr. 20.
- Thomas, Albert N., assignor to Thomas Hydraulic Speed Controls, Incorporated, Dodge City, Kans. Hydraulic power transmission device. 2,318,028; May 4.
- Thomas, Albert N., assignor to Thomas Hydraulic Speed Controls, Incorporated, Dodge City, Kans. Hydraulic clutch. 2,329,230; Sept. 14.
- Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Heating system. 2,311,710; Feb. 23.
- Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,311,711; Feb. 23.
- Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,316,821; Apr. 20.
- Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,317,234; Apr. 20.
- Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Air conditioning. 2,321,115; June 8.
- Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,326,900; Aug. 17.
- Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,329,863; Sept. 21.
- Thomas, Arthur, Wallington, and N. G. Holden, Carshalton, assignors to Powers Accounting Machines Limited, London, England. Statistical machine. 2,324,438; July 13.
- Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic treatment of hydrocarbons. 2,307,610; Jan. 5.
- Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic conversion of hydrocarbon oil. 2,308,792; Jan. 19.
- Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of paraffin hydrocarbons. 2,313,103; Mar. 9.
- Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Reactivation of spent catalysts. 2,317,494; Apr. 27.
- Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,325,287; July 27.
- Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,327,973; Aug. 24.
- Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Isomerization of olefins. 2,328,753; Sept. 7.
- Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,328,754; Sept. 7.
- Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of olefinic hydrocarbons. 2,328,755; Sept. 7.
- Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,328,756; Sept. 7.
- Thomas, Charles L., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,337,630; Dec. 28.
- Thomas, Charles A., Dayton, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Dihalo-ethylene copolymerization products. 2,328,510; Aug. 31.
- Thomas, Charles A., Dayton, Ohio, assignor to Monsanto Chemical Company. Alkyl derivatives of benzenesulphonyl fluoride. 2,337,532; Dec. 21.
- Thomas, Charles L., J. E. Ahlberg, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of catalysts. 2,326,706 Aug. 10.
- Thomas, Charles A., and H. E. Morris, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Rubber hydrohalide. 2,333,214; Nov. 2.
- Thomas, Charles L., and J. E. Ahlberg, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of catalysts. 2,329,307; Sept. 14.
- Thomas, Charles L., and G. Erloff, assignors to Universal Oil Products Company, Chicago, Ill. Multistage catalytic conversion of hydrocarbons. 2,330,089; Sept. 21.
- Thomas, Charles L., and H. S. Bloch, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,330,090; Sept. 21.
- Thomas, Charles L., and H. S. Bloch, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,333,903; Nov. 9.
- Thomas, Charles A., Crystal Lake, assignor to Babson Bros. Co., Chicago, Ill. Milk cooling and dispensing device. 2,311,602; Feb. 16.
- Thomas, Claude C., Birmingham, Ala., assignor of one-half to E. H. Clements, Roanoke, Va. Sacking and measuring device. 2,318,725; May 11.
- Thomas, Daniel W., Richmond, Ind. Plow. 2,335,977; Dec. 7.
- Thomas, David T. (See Worthington, George Y., III, and Thomas.)
- Thomas, David W., assignor to Youngstown Metal Products Company, Youngstown, Ohio. Ironing board. 2,313,181; Mar. 9.
- Thomas, Derrick R. (See Scott-Paine, H., and Thomas.)
- Thomas, Earl E., Detroit, Mich. Nozzle spray regulator. 2,329,231; Sept. 14.
- Thomas, Elmer R., Healdton, Okla., and D. Erickson, deceased; S. E. Erickson, executrix; said S. E. Erickson, executrix, assignor to H. L. and H. K. Ayers, comprising the partnership of Wichita Wire & Iron Company, Wichita Falls, Tex. Pull rod connection. 2,324,963; July 20.
- Thomas, Frank E., Akron, Ohio. Coupling for rods or shafts. 2,319,592; Mar. 25.
- Thomas, Frank E., Chicago, Ill. Toy submarine. 2,315,461; Mar. 30.
- Thomas, Frank E., Chicago, Ill. Toy seesaw. 2,325,988; Aug. 3.
- Thomas, Frank E., Chicago, Ill. Toy crocodile. 2,329,564; Sept. 14.
- Thomas, Frank E., Chicago, Ill. Racetrack. 2,334,656; Nov. 16.
- Thomas, Fred L. (See Cox, J. V. B., and Thomas.)
- Thomas, Frederick M. (See Fedden, A. H. R., and Thomas.)
- Thomas, Frederick M. (See Fedden, A. H. R., Butler, Thomas, and Price.)
- Thomas, Frederick M., assignor to The De Havilland Aircraft Company Limited, Hatfield, England. Aircscrew. 2,323,165; June 29.
- Thomas, Frederick Metcalf, North Adams, Mass., Douglas John Kenney, and Peter Ralph Price, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Variable-pitch aircscrew. 2,334,967; Nov. 23.

- Thomas, Frederick W., Englewood, N. J., and R. D. Mac-lachlan, Barrington, assignors to Crown Fastener Corporation, Warren, R. I. Apparatus for electroplating. 2,326,707; Aug. 10.
- Thomas, George J., Pittsburgh, Pa. Surgical apparatus. 2,322,753; June 29.
- Thomas, Gustav, Dresden-Loschwitz, Germany; vested in the Alien Property Custodian. Refrigerant evaporator. 2,328,511; Aug. 31.
- Thomas, H. C. (See Lynch, E. E., and Thomas.)
- Thomas, Herbert C., Montgomery, Ala., and E. E. Lynch, Easthampton, Mass., assignors to General Electric Company. Thermal demand wattmeter. 2,325,438; July 27.
- Thomas, Hugh K., Hadley Wood, Barnet, assignor to The Houghton-Butcher Manufacturing Company, Limited, London, England. Folding camera. 2,325,346; July 27.
- Thomas Hydraulic Speed Controls, Incorporated. (See Thomas, Albert N., assignor.)
- Thomas, John E. (See McDonald, Jesse D., assignor.)
- Thomas, John H., and E. Fletcher, Newark, Ohio, assignors, by mesne assignments, to Owens-Corning Fiberglass Corporation. Traversing means for high speed winding. 2,325,640; Aug. 3.
- Thomas, Joseph C., Akron, Ohio, assignor, by mesne assignments, to International Cellulotton Products Company, Chicago, Ill. Supporting device. 2,336,315; Dec. 7.
- Thomas, Joseph R., Chicago, Ill. Folding cabinet bed. 2,313,847; Mar. 16.
- Thomas, Laurence H. (See Kuhn, F., and Thomas.)
- Thomas, Philip C., Park Ridge, Leatherhead, England. Grinding and/or lapping machine. 2,322,896; June 29.
- Thomas, Ralph B., Beverly, Mass., assignor to Sylvania Electric Products Inc. Electric discharge lamp starting device. 2,333,215; Nov. 2.
- Thomas, Ralph B., Beverly, and R. M. Gardner, Swampscott, Mass., assignors to Sylvania Electric Products Inc. Lamp sealing apparatus. 2,335,617; Nov. 30.
- Thomas, Raymond W. (See Bunting, A. L., and Thomas.)
- Thomas, Richard, and H. B. Oakley, Bromborough, England, assignors to Lever Brothers Company. Soap. 2,310,475; Feb. 9.
- Thomas, Richard, San Francisco, Calif. Printing machine. 2,328,861; Sept. 7.
- Thomas, Richard A., Aberdeen, S. Dak. Apparatus for reconstructing fur coats. 2,313,374; Mar. 9.
- Thomas, Robert E., Stow, assignor to American Anode Inc., Akron, Ohio. Deposition rubber and composition employed therein. 2,311,488; Feb. 16.
- Thomas, Robert F., assignor of one-half to Marian G. Thomas, Torrington, Wyo. Artificial flower stem. 2,331,440; Oct. 12.
- Thomas, Robert M., Union, and W. J. Sparks, Cranford, N. J., assignors, by mesne assignments, to Jasco, Inc., incorporated. Corrosion proof liner. 2,311,004; Feb. 16.
- Thomas, Robert M., Union, and W. J. Sparks, Cranford, N. J., assignors to Jasco, Incorporated. Corrosion proof liner. 2,311,004; Feb. 16.
- Thomas, Robert M., Union, and W. J. Sparks, Cranford, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Thickened oils. 2,320,312; May 25.
- Thomas, Robert M., Union, I. E. Lightbown, Elizabeth, and W. J. Sparks, Cranford, N. J., assignors to Tasco, Incorporated. Cable structure. 2,320,313; May 25.
- Thomas, Robert M., Union, and I. E. Lightbown, Roselle, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Purification of interpolymers. 2,322,072; June 15.
- Thomas, Robert M., Union, and W. J. Sparks, Alexandria, Va., assignors, by mesne assignments, to Jasco, Incorporated. Olefinic interpolymerization process and product. 2,322,073; June 15.
- Thomas, Robert O., Munhall, Pa. Thermocouple assembly. 2,311,886; Feb. 23.
- Thomas, Roswell W., Birmingham, Mich., assignor to Phillips Petroleum Company. Liquefied gas system. 2,307,309; Jan. 5.
- Thomas, Roswell W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Higher vapor pressure fuel system and combination carburetor. 2,315,881; Apr. 6.
- Thomas, Roswell W., Birmingham, Mich., assignor to Phillips Petroleum Company. Automatic change-over regulator for liquefied petroleum gas equipment. 2,316,373; Apr. 13.
- Thomas, Roswell W., Birmingham, Mich., assignor to Phillips Petroleum Company. Adapter means for fluid systems. 2,329,363; Sept. 14.
- Thomas, Samuel B., Berkeley, Calif., assignor to Shell Development Company, San Francisco, Calif. Production of catalysts. 2,309,263; Jan. 26.
- Thomas, Samuel B., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Preparation of catalysts. 2,311,712; Feb. 23.
- Thomas, Samuel B., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Dressing of earth minerals. 2,322,674; June 22.
- Thomas, Samuel B., and F. M. McMillan, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalysts and preparation thereof. 2,311,713; Feb. 23.
- Thomas, Stanley R., Lyons, Mich., assignor to Bantam Bearings Corporation, South Bend, Ind. Bearing assembly. 2,316,468; Apr. 13.
- Thomas, Stanley R., Lyons, Mich., assignor to Bantam Bearings Corporation, South Bend, Ind. Cam follower. 2,318,903; May 11.
- Thomas, Stephen. (See Frey, C. J., and Thomas.)
- Thomas, Thomas M. (See Wadleton, E. F., and Thomas.)
- Thomas, Thomas M., Huntington Park, assignor to Killefer Manufacturing Corporation, Los Angeles, Calif. Disk harrow. 2,334,455; Nov. 16.
- Thomas, William D., Jr. (See Cook, E. W., and Thomas, Jr.)
- Thomas, Willie, Greenwood, Miss. Rack. 2,327,379; Aug. 24.
- Thomasma, John C., Chicago, Ill. Seat cover package. 2,320,955; June 1.
- Thomason, Hugh de W., Tulsa, Okla. Pump. 2,326,902; Aug. 17.
- Thomasset, Paul A., St. George, Staten Island, assignor to Ansbacher-Siegle Corporation, New York, N. Y. Iron blue pigment. 2,329,364; Sept. 14.
- Thomasset, Paul A., St. George, Staten Island, assignor to Ansbacher-Siegle Corporation, New York, N. Y. Iron blue pigment. 2,329,365; Sept. 14.
- Thomay, John, Columbus, assignor, by mesne assignments, to G. Slayter, Newark, Ohio. Electrode. 2,316,901; Apr. 20.
- Thommen, George S., New York, N. Y. Golf bag support. 2,324,439; July 26.
- Thommen, Hans, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. High voltage electric circuit breaker. 2,336,316; Dec. 7.
- Thommen, Hans, and A. Halm, assignors to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Electric switching arrangement. 2,331,441; Oct. 12.
- Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Cut string bean grader. 2,313,375; Mar. 9.
- Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Cutting machine. 2,318,904; May 11.
- Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Can handling apparatus. 2,335,618; Nov. 30.
- Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Pear preparation machine. 2,335,619; Nov. 30.
- Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Pear preparation machine. 2,335,620; Nov. 30.
- Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Apparatus for treating milk. 2,337,784; Dec. 28.
- Thompson, Albert R., assignor to Food Machinery Corporation, San Jose, Calif. Geneva drive. 2,337,359; Dec. 21.
- Thompson, Albert R., Los Gatos, Calif., and E. G. Bauer, Hoopes-ton, Ill., assignors to Food Machinery Corporation, San Jose, Calif. Can aligner. 2,324,246; July 13.
- Thompson, Albert R., Los Gatos, and H. M. Magnuson, Campbell, assignors to Food Machinery Corporation, San Jose, Calif. Box elevator. 2,325,889; Aug. 3.
- Thompson, Alfred E., and R. D. Salmon, assignors to Creed and Company Limited, Croydon, England. Printing telegraph apparatus. 2,317,496; Apr. 27.
- Thompson, Alfred E., and R. D. Salmon, assignors to Creed and Company Limited, Croydon, England. Apparatus for teaching telegraphy. 2,318,269; May 4.
- Thompson, Allan M., assignor to Gavco-Hara Envelope Company, Chicago, Ill. Envelope. 2,317,497; Apr. 27.
- Thompson, Archibald W., Bromley, England. Dielectric composition. 2,316,299; Apr. 13.
- Thompson, Arthur E., Chicago, Ill. Furniture. 2,334,966; Nov. 23.
- Thompson, Arthur H., assignor to Thompson-Bremer & Co., Chicago, Ill. Locking plate for screws. 2,335,367; Nov. 30.
- Thompson, Arthur R., Norfolk, Va. Device for conditioning oil. 2,312,604; Mar. 2.
- Thompson, Arthur S., Ontario, Calif. Automobile door lock. 2,317,699; Apr. 27.
- Thompson, Arthur S., Ontario, Calif. Door lock. 2,317,700; Apr. 27.
- Thompson, Benjamin, Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Polymerization of aliphatic aldehydes. 2,318,341; May 4.
- Thompson-Bremer & Co. (See Thompson, Arthur H., assignor.)
- Thompson Bros. Shoe Co. (See Macdonald, L. S., and Johnson, assignors.)
- Thompson, Charles H., Huntington Valley, and C. B. Moore, Carroll Park, Pa. Pressure transmitter. 2,312,201; Feb. 23.
- Thompson, Charles F., Glen Rock, assignor to Air Associates Incorporated, Bendix, N. J. Electromagnetic clutch. 2,315,298; Mar. 30.

- Thompson, Clifford J., Washington, D. C. Outlet mounting. 2,334,799; Nov. 23.
- Thompson, Clyde L. (See Birch, R. E., and Thompson.)
- Thompson, Earl C. (See McFadden, R. McC., and Thompson.)
- Thompson, Elmer B., assignor to Globe Hoist Company, Des Moines, Iowa. Furnace door lift. 2,307,549; Jan. 5.
- Thompson, Elmer O. (See Thompson, Milton L. and Elmer O.)
- Thompson, Elmer O., Grasmere, N. Y., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Phonograph trip mechanism. 2,307,170; Jan. 5.
- Thompson, Elmer O., Grasmere, N. Y., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Turntable drive mechanism. 2,316,858; Apr. 20.
- Thompson, Elmer O., Grasmere, N. Y., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Clock controlled mechanism. 2,325,812; Aug. 3.
- Thompson, Elmer B., assignor to Globe Hoist Company, Des Moines, Iowa. Hoist. 2,336,817; Dec. 14.
- Thompson, Etta, St. Louis, Mo. Pillow. 2,336,707; Dec. 14.
- Thompson, Frank W., New Philadelphia, Ohio. Stovepipe seam. 2,323,256; June 29.
- Thompson, Fred H., et al. (See Allen, Charles L., assignor.)
- Thompson, George A., Dravosburg, Pa. Indicating apparatus. 2,324,356; July 13.
- Thompson, George K., Randolph, Ill. Dairy sediment trap. 2,325,800; Aug. 3.
- Thompson, George L., and L. A. Celja, Avenal, Calif. Intermittent gas lift pump. 2,318,029; May 4.
- Thompson, George V. (See Deem, R. B., and Thompson.)
- Thompson, George V. (See Kothie, C. R., and Thompson.)
- Thompson, George W., Chicago, Ill. Harmonic calculator. 2,326,418; Aug. 10.
- Thompson, George W., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,323,498; July 6.
- Thompson, Godfrey E. (See Brown, H. S., and Thompson.)
- Thompson Grinder Company, The. (See Baldenhofer, William G., assignor.)
- Thompson Grinder Company, The. (See Wilson, John C., assignor.)
- Thompson, Harry E., assignor to Peerless Manufacturing Corporation, Louisville, Ky. Gas heater. 2,336,816; Dec. 14.
- Thompson, Henry E., assignor to The Murray Company, Dallas, Tex. Cotton gin. 2,315,140; Mar. 30.
- Thompson, Herbert A., Benton, England. Separator for liquids having different specific gravities. 2,315,017; Mar. 30.
- Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,318,542; May 4.
- Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,321,712; June 15.
- Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Coded track circuit for railway train detection. 2,324,964; July 20.
- Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Coded track circuit for railway cab signal control. 2,331,815; Oct. 12.
- Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,332,279; Oct. 19.
- Thompson, Hubert H., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Analyzing earth formations. 2,320,681; June 1.
- Thompson, Ivan P., Elizabeth, and E. Meincke, Scotch Plains, N. J., assignors to The Linde Air Products Company. Desurfacing apparatus and process. 2,317,495; Apr. 27.
- Thompson, James F., St. Louis, Mo. Storage container. 2,326,414; Aug. 10.
- Thompson, John S., assignor to Parker Rust Proof Company, Detroit, Mich. Coating aluminum. 2,312,855; Mar. 2.
- Thompson, John S., assignor to Parker Rust Proof Company, Detroit, Mich. Coated ferrous article and making the same. 2,314,565; Mar. 23.
- Thompson, John S., Detroit, assignor to Parker Rust Proof Company, County of Wayne, Mich. Coated metal article and making same. 2,318,642; May 11.
- Thompson, John S., Detroit, assignor to Parker Rust Proof Company, Wayne County, Mich. Coated metal article and making same. 2,318,656; May 11.
- Thompson, John S., assignor to Parker Rust Proof Company, Detroit, Mich. Coated article and making the same. 2,327,002; Aug. 17.
- Thompson, John S., and E. W. Goodspeed, assignors to Parker Rust Proof Company, Detroit, Mich. Coating and fabricating steel articles. 2,315,564; Apr. 6.
- Thompson, Joseph S., Los Altos, assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Automatic reclosing circuit breaker. 2,318,030; May 4.
- Thompson, Joseph S., Los Altos, assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Automatic service restoring circuit breaker. 2,318,342; May 4.
- Thompson, Joseph S., Los Altos, assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Service restoring circuit breaker. 2,318,343; May 4.
- Thompson, Joseph S., and C. R. Ray, assignors to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Reclosing circuit breaker. 2,311,714; Feb. 23.
- Thompson, Josephus Covington, assignor of one-third to Grossman Music Company, Cleveland, Ohio. Musical instrument. 2,320,202; May 25.
- Thompson, Josephus, Covington, and M. S. Brockman, Cleveland, Ohio, assignors of one-sixth to said Thompson and five-sixths to Grossman Music Company. Musical instrument. 2,320,203; May 25.
- Thompson, Judson L., Manufacturing Company. (See Havener, Arthur R., assignor.)
- Thompson, Judson L., Manufacturing Company. (See Rhodes, Austin D., assignor.)
- Thompson, Leland E., Merchantville, N. J., assignor to Radio Corporation of America. Variable selectivity control system. 2,313,182; Mar. 9.
- Thompson, Leslie E., London, England, assignor, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Manufacture of selenium rectifiers. 2,307,474; Jan. 5.
- Thompson, Leslie E., and A. Jenkins, London, England, assignors, by mesne assignments, to The Union Switch and Signal Company, Swissvale, Pa. Alternating electric current rectifier of the selenium type. 2,328,179; Aug. 31.
- Thompson, Lewis P., Coffey, Mo. Sectional plowshare. 2,337,136; Dec. 2.
- Thompson, Lincoln, Cheshire, assignor to The Sound-scriber Corporation, New Haven, Conn. Phonograph record scanning device. 2,316,637; Apr. 13.
- Thompson, Lincoln, Cheshire, assignor to The Sound-scriber Corporation, New Haven, Conn. Phonograph record scanning device. 2,328,802; Sept. 7.
- Thompson, Lincoln, Cheshire, and R. L. Stone, Hamden, Conn. Step-back mechanism for phonograph transcribers. 2,323,257; June 29.
- Thompson, Lonnie L., Iowa Park, Tex. Wire line guide. 2,316,727; Apr. 13.
- Thompson, Louis T. E., Dahlgren, Va., assignor of one-third to H. W. Parker, Washington, D. C., and one-fourth to E. L. Welch, Dahlgren, Va. Miles per gallon gauge. 2,330,159; Sept. 21.
- Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Battery charging control device. 2,332,951; Oct. 26.
- Thompson, Lyman F., Fayetteville, Ark. Emergency tire. 2,335,581; Oct. 12.
- Thompson, Milton L., Hollywood, Pa., and E. O. Thompson Grasmere, N. Y., assignors to Philco Radio and Television Corporation, Philadelphia, Pa. Photoelectric phonograph. 2,316,113; Apr. 6.
- Thompson, Morris J., Los Angeles, Calif. Method and apparatus for taking impressions of cavities for dental impressions. 2,330,748; Apr. 23.
- Thompson, Norman A., London, England. Propelling apparatus for watercraft. 2,321,531; June 8.
- Thompson, Oscar T., Neenah, Wis., assignor to International Cellucotton Products Company, Chicago, Ill. Divisible paper web. 2,328,109; Aug. 31.
- Thompson, Overton, Sr., Nashville, Tenn. Cutting implement. 2,312,133; Feb. 23.
- Thompson, Overton, Sr., Nashville, Tenn. Cutting implement. 2,336,901; Dec. 14.
- Thompson, Parke H., Glendale, and A. R. Peat, Webster Groves, Mo., assignors to Amp Corporation, St. Louis, Mo. Beverage dispensing apparatus. 2,328,110; Aug. 31.
- Thompson, Parke H., Glendale, and A. R. Peat, Webster Groves, Mo., assignors to Amp Corporation, St. Louis, Mo. Liquid carbonator. 2,337,783; Dec. 28.
- Thompson Products Incorporated. (See Aldredge, Marshall H., assignor.)
- Thompson Products, Inc. (See Burkhardt, Otto M., assignor.)
- Thompson Products Incorporated. (See Edlington, Jack L., assignor.)
- Thompson Products Incorporated. (See Hufford, George H., assignor.)
- Thompson Products, Incorporated. (See Lockett, William J., assignor.)
- Thompson Products Incorporated. (See Rogers, R. M., and Hileman, assignors.)
- Thompson Products Incorporated. (See Thoren, T. R., and Bredenbeck, assignors.)
- Thompson Products Incorporated. (See Thoren, T. R., and Johnson, assignors.)
- Thompson Products Incorporated. (See Townhill, Arthur, assignor.)
- Thompson Products Incorporated. (See Townhill, A., and Cassin, assignors.)
- Thompson Products Incorporated. (See Venditty, Anthony, assignor.)
- Thompson Products Incorporated. (See Venditty, A., and Graham, assignors.)
- Thompson, R. G. (See Smith, Clarence J., assignor.)

- Thompson, Ralph B. (See Dryer, C. G., and Thompson.)
- Thompson, Richard E., Brooklyn, N. Y. Apparatus for making powder puffs. 2,307,430; Jan. 5.
- Thompson, Robert F., and R. A. Stone, Cumberland, Md., assignors to Celanese Corporation of America. Apparatus for the treatment of solid materials with liquids. 2,337,137; Dec. 21.
- Thompson, Robert R., and W. D. Mounce, Houston, Tex., assignors to Standard Oil Development Company. Gun perforator. 2,316,728; Apr. 13.
- Thompson, Ronald H. (See Smith, T. A., and Thompson.)
- Thompson, Roy E., Nyack, N. Y., assignor to Lorica Laboratories Inc., Jersey City, N. J. Apparatus for manufacturing thin rubber articles. 2,315,283; Mar. 30.
- Thompson, Roy L., and N. F. Wasinger, Wichita, Kans.; said Wasinger assignor to said Thompson. Safety turning device for tightening bolts, screws, or the like. 2,335,574; Nov. 30.
- Thompson, Roy S., Bay Village, Ohio. Painting apparatus. 2,331,516; Oct. 12.
- Thompson, Russell G., Elmira, assignor to Remington Rand Inc., Buffalo, N. Y. Typewriting machine. 2,312,737; Mar. 2.
- Thompson, Russell G., Elmira, assignor to Remington Rand Inc., Buffalo, N. Y. Typewriter actuating mechanism for counters. 2,323,633; July 6.
- Thompson, Russell G., Elmira, assignor to Remington Rand Inc., Buffalo, N. Y. Typewriting and like machine. 2,326,312; Aug. 10.
- Thompson, Theodore F., Des Moines, Iowa. Water craft. 2,308,838; Jan. 19.
- Thompson, Theodore F., Des Moines, Iowa. Amphibian. 2,309,875; Feb. 2.
- Thompson, Theodore F., Des Moines, Iowa. Hot air engine. 2,327,915; Aug. 17.
- Thompson, Thomas, assignor of one-half C. A. Shepard, Des Moines, Iowa. Kick stand for bicycles. 2,308,794; Jan. 19.
- Thompson, Thomas D., Ridgefield Park, N. J., and G. V. Caesar, Staten Island, N. Y., assignors to Stein, Hall & Company, Inc., New York, N. Y. Viscosity responsive apparatus. 2,325,573; July 27.
- Thompson, Tom H., assignor, by mesne assignments, to Builder-Thompson Engineering and Research Corporation, Detroit, Mich. Machine element. 2,316,114; Apr. 6.
- Thompson, Tom H., assignor, by mesne assignments, to Builder-Thompson Engineering and Research Corporation, Detroit, Mich. Rotary pump or motor. 2,316,115; Apr. 6.
- Thompson, Tom H., assignor, by mesne assignments, to Builder-Thompson Engineering and Research Corporation, Detroit, Mich. Pump. 2,337,427; Dec. 21.
- Thompson, Uldrick, Jr., New York, N. Y. Apparatus for loading high explosive shells. 2,323,258; June 29.
- Thompson, Walter R., Ruffin, N. C. Roasting fork. 2,315,143; Mar. 30.
- Thompson, Walter S., and F. G. Albin, Los Angeles, Calif., assignors to Radio Corporation of America. Photometer. 2,335,621; Nov. 30.
- Thompson, William D., San Diego, Calif. Multiple film carrying camera. 2,315,284; Mar. 30.
- Thompson, William G. (See Wilson, Ralph W., assignor.)
- Thompson, William G., and B. M. Kerr, assignors to J. I. Case Company, Racine, Wis. Tank. 2,316,116; Apr. 6.
- Thompson, William I. (See Gohr, E. J., Thompson and Martin.)
- Thomson, Alfred M., San Francisco, Calif. Internal combustion and apparatus therefor. 2,326,266; Aug. 10.
- Thomson, Alfred M., San Francisco, Calif. Cracking and distillation of oils. 2,330,760; Sept. 28.
- Thomson, William A. V., Montclair, assignor to Specialties Development Corporation, Bloomfield, N. J. Valve. 2,317,422; Apr. 27.
- Thomson, William A. V., Montclair, assignor to Specialties Development Corporation, Bloomfield, N. J. Control device. 2,333,130; Nov. 2.
- Thomson, David, Jr. (See Thomson, David, and D., Jr.)
- Thomson, David and D., Jr., Edinburgh, Scotland. Electric wall fitting. 2,337,212; Dec. 21.
- Thomson, Donald C., Dayton, and Moses A. Moers, Cincinnati, Ohio. Screw driver. 2,336,136; Dec. 7.
- Thomson-Gibb Electric Welding Company. (See Southwick, William S., assignor.)
- Thomson-Gibb Electric Welding Company. (See Stieglitz, Hermann W., assignor.)
- Thomson, Judson L., Manufacturing Company. (See Havener, Arthur R., assignor.)
- Thomson Machine Company. (See Sawyer, Hilton W., assignor.)
- Thomson, Patrick E. M., West Brighton, Staten Island, assignor to Vieble Index Corp., New York, N. Y. Accounting and filing system. 2,325,641; Aug. 3.
- Thor, Charles C., Stillwater, Minn. Hay loader and stacker. 2,332,029; Oct. 19.
- Thor, Nils G., Clifton, assignor to The Hamersley Manufacturing Company, Garfield, N. J. Cardboard box. 2,316,469; Apr. 13.
- Thorell, Edwin, West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Type. 2,312,782; Mar. 2.
- Thoren, Theodore R., and P. P. Johnson, assignors to Thompson Products Incorporated, Cleveland, Ohio. Ribbed dome hollow head valve. 2,328,512; Aug. 31.
- Thoren, Theodore R., and B. C. Bredenbeck, assignors to Thompson Products Incorporated, Cleveland, Ohio. Thread protector. 2,329,165; Sept. 7.
- Thoresen, Ralph S., Greenwich, Conn., assignor to Petroleum Heat and Power Company, New York, N. Y. Valve assembly. 2,327,942; Aug. 24.
- Thoreson, Reider, Detroit, Mich., and W. Ernst, Mount Gilead, Ohio, assignors to The Hydraulic Development Corp., Inc., Wilmington, Del. Turret type injection press. 2,333,056; Oct. 26.
- Thorn, Harry G. (See Overacker, F. S., Thorn, and Work.)
- Thorn, Millard F., Beaumont, Tex. Piston ring. 2,318,543; May 4.
- Thornbery, John H., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Lead extension. 2,328,111; Aug. 31.
- Thornburg, Herbal A. (See Dermond, L. C., and Thornburg.)
- Thornburg, Herbal A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Engine starting mechanism. 2,334,657; Nov. 16.
- Thorne, Harold C., Washington, D. C. Apparatus for and method of detecting flaws in rails and other objects. 2,311,715; Feb. 23.
- Thorne, Warren B. (See Burns, F. D., and Thorne.)
- Thorne, Marvin E. (See Lieber, E., and Thorne.)
- Thornhill, Peter W., assignor of one-half to Automotive Products Company Limited, London, England. Shock absorber. 2,308,404; Jan. 12.
- Thornhill, Peter W., assignor to Automotive Products Company Limited, London, England. Landing gear for aircraft. 2,308,573; Jan. 19.
- Thornhill, Peter Warborn, Leamington Spa, assignor to J. H. Onions, Coventry, England. Shock absorbing suspension device for vehicles. 2,336,137; Dec. 7.
- Thornley, Basil D., and S. Hilton, Wilmslow, assignors to Bengers Limited, Holmes Chapel, Cheshire, England. Manufacture of rennet. 2,337,947; Dec. 28.
- Thornley, James R., Fall River, Mass. Wall scaffold. 2,332,477; Oct. 19.
- Thornley, Joseph H., Chicago, Ill. Discharge bucket. 2,330,284; Aug. 16.
- Thornquist, Clifford C., Grand Rapids, Mich. Tent pole. 2,311,355; Feb. 16.
- Thornton, Henry M., and C. Dietz, York, Pa., assignors to The Dentists' Supply Company of New York, New York, N. Y. Making artificial teeth. 2,314,957; Mar. 30.
- Thornton, Ray F., Dearborn, assignor to C. F. Gobright, Inc., Detroit, Mich. Axle compensator. 2,315,299; Mar. 30.
- Thornton, Thomas M. (See Ploch, W. F., and Thornton.)
- Thorp, Joel E., assignor to The Fulton Company, West Allis, Wis. Producing fan hubs. 2,335,456; Nov. 16.
- Thorp, Kenneth E. (See Rupp, W. H., and Thorp.)
- Thorp, John, Charlotte, N. C., assignor to American Telephone and Telegraph Company. Gain control system. 2,307,901; Jan. 12.
- Thorsen, Kristen A., Grenoble, Isere, France; vested in the Alien Property Custodian. Device for the distribution of stock on the wire parts of papermaking machines. 2,329,799; Sept. 21.
- Thorsness, Edgar R., Worthington, Minn. Spring wheel. 2,321,954; June 15.
- Thorsen, Clarence O., assignor to J. L. Rich, Los Altos, Calif. Tire pressure indicator. 2,309,025; Jan. 19.
- Thorsen, Harry L., Schenectady, N. Y., assignor to General Electric Company. Stem construction for vacuum tubes. 2,320,204; May 25.
- Thost, Albert, Womelsdorf, assignor to The Nolde and Horst Company, Reading, Pa. Thread tensioning mechanism for textile fabricating machines. 2,309,026; Jan. 19.
- Thrasher, Elmer S., Detroit, Mich. Display article and manufacturing same. 2,312,007; Feb. 23.
- Threads, Incorporated. (See Cone, Ralph R., assignor.)
- Threm, William B., Toledo, Ohio. Controllable charging head. 2,328,863; Sept. 7.
- Thrissell Engineering Company Limited, The. (See Osborn, Howard, assignor.)
- Throckmorton, John W. (See Wallis, J. S., and Throckmorton.)
- Throckmorton, John W., Wilton, Conn., assignor to The Pure Oil Company, Chicago, Ill. Thermal conversion of hydrocarbon gases. 2,320,251; May 25.
- Throckmorton, John W., Wilton, Conn., assignor to The Pure Oil Company, Chicago, Ill. Conversion of hydrocarbon gases. 2,325,813; Aug. 3.
- Throckmorton, John W., Wilton, Conn., assignor to The Pure Oil Company, Chicago, Ill. Method for thermal polymerization of hydrocarbons. 2,328,864; Sept. 7.
- Throckmorton, John W., Wilton, and J. S. Wallis, Darien, Conn., assignors to Petro-Chem Development Company, New York, N. Y. Boiler construction. 2,334,968; Nov. 23.
- Throne, Richard I. (See Caple, W. R., and Throne.)
- Throne, Richard I., assignor to The Dow Chemical Company, Midland, Mich. Extinguishing composition. 2,307,083; Jan. 5.

- Tbuau, Urbain J., Paris, France, assignor to Eli Lilly and Company, Indianapolis, Ind. Therapeutic product and making it. 2,326,578; Aug. 10.
- Thau, Urbain J., Paris, France, assignor to Eli Lilly and Company, Indianapolis, Ind. Sulphonated and halogenated organic condensation product and preparing it. 2,335,136; Nov. 23.
- Thulin, Ivar V., Upper Darby, Pa. Knitting accessory. 2,313,684; Mar. 9.
- Thumm, Carl. (See Coggeshall, T. R., Dhonau, and Thumm.)
- Thumma, Carl, Yeadon, Pa., assignor to General Electric Company. Electric circuit breaker. 2,310,755; Feb. 9.
- Thumma, Carl, Yeadon, Pa., assignor to General Electric Company. Electric circuit breaker. 2,315,991; Apr. 6.
- Thumma, Carl, Yeadon, Pa., assignor to General Electric Company. Circuit breaker operating system. 2,319,645; May 18.
- Thumma, Carl, Yeadon, Pa., assignor to General Electric Company. Electric circuit interrupter. 2,324,891; July 20.
- Thumma, Carl, Yeadon, Pa., assignor to General Electric Company. High-speed reclosing mechanism. 2,335,709; Nov. 30.
- Thumlin, Carl, and E. J. Frank, Yeadon, and A. C. Bolsch, Lansburg, Pa., assignors to General Electric Company. Valve system. 2,310,130; Feb. 2.
- Thumlin, Carl, Yeadon, and P. Bartlett, Springfield, Pa., assignors to General Electric Company. Air drying apparatus. 2,322,603; June 22.
- Thumlin, Wilhelm. (See Barwasser, J., and Thumm.)
- Thunstrom, Nils A., assignor to Pullman-Standard Car Trucking Company, Chicago, Ill. Railway car. 2,310,497; Feb. 9.
- Thuriow, Thomas L., and S. M. Burka, Dayton, Ohio. Navigation computer. 2,311,005; Feb. 16.
- Thuriow, Thomas L., and S. M. Burka, Dayton, Ohio. Stabilized horizon. 2,321,051; June 8.
- Thurn, Alfred, Dessau in Anhalt, H. Krzikalla, and A. Kersch, Ludwigshafen, Germany, assignors to General Aniline & Film Corporation. Water-insoluble disazo dyes. 2,315,232; Mar. 30.
- Thurnham, Benjamin H., Charlotte, N. C., assignor to Refining, Inc., Reno, Nev. Refining. 2,327,569; Aug. 24.
- Thurman, Tandy B., Kansas City, Mo. Awning. 2,337,785; Dec. 28.
- Thurmer, Gerard. (See Van Hoern, A. J., and Thurmer.)
- Thurmond, Gilbert I., and J. W. Jacques, Asheville, and E. Brenner, Hendersonville, assignors to American Enka Corporation, Enka, N. C. Manufacture of mixed textiles. 2,318,544; May 4.
- Thurmond, Gilbert I., Asheville, and E. Brenner, Hendersonville, assignors to American Enka Corporation, Enka, N. C. Manufacture of rayon. 2,328,307; Aug. 31.
- Thurnauer, Hans, and G. W. Flechter, assignors to American Lava Corporation, Chattanooga, Tenn. Forming articles from titanium dioxide. 2,323,759; July 6.
- Thurner, Robert E., Milwaukee, Wis. Separating and grading machine. 2,322,074; June 15.
- Thurston, Jack T., L. Vaucluse, and H. Sweeney, Grant Neck, assignors to Cox & Stevens Aircraft Corporation, Mineola, N. Y. Plotting device. 2,321,955; June 15.
- Thurston, Arthur L., Wantagh, and B. Sweeney, Grant Neck, N. Y., assignors to Cox & Stevens Aircraft Corporation, Calculator. 2,334,135; Nov. 9.
- Thurston, Fred W., Carmel, Calif. Line indicating copyholder. 2,322,259; June 22.
- Thurston, Fred W., Chevy Chase, Md. Line indicating copyholder. 2,322,260; June 22.
- Thurston, Fred W., Chevy Chase, Md. Line indicating copyholder. 2,322,261; June 22.
- Thurston, George M., Hasbrouck Heights, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable air-gap crystal holder. 2,319,357; June 18.
- Thurston, Jack T., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing guanamines. 2,309,679; Feb. 2.
- Thurston, Jack T., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Branched chain guanamines and producing same. 2,321,052; June 8.
- Thurston, Jack T., Cos Cob, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparation of free guanidine and biguanide bases. 2,334,151; Nov. 9.
- Thurston, Jack T., Cos Cob, and D. W. Kaiser, Springdale, Conn., assignors to American Cyanamid Company, New York, N. Y. Hydroxy-substituted guanamines. 2,309,680; Feb. 2.
- Thurston, Jack T., Cos Cob, and M. H. Bradley, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Beta-alkoxyguanamines. 2,309,681; Feb. 2.
- Thurston, Jack T., Stamford, and R. C. Swain, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. Guanylurea salts. 2,310,045; Feb. 2.
- Thurston, Jack T., Cos Cob, and J. M. Grim, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Plasticizer for cellulose derivatives. 2,329,015; Sept. 7.
- Thurston, Jack T., Cos Cob, and D. E. Nagy, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Carbamylguanamines. 2,333,452; Nov. 2.
- Thurston, Jack T., Cos Cob, and J. M. Grim, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Aromatic esters of alpha-hydroxyisobutyric acids. 2,336,317; Dec. 7.
- Thurston, Jack T., Cos Cob, and D. W. Kaiser, Springdale, Conn., assignors to American Cyanamid Company, New York, N. Y. Beta-nitroalkyl ester of alpha-hydroxyisobutyric acids. 2,336,318; Dec. 7.
- Thurston, Paul L., Martinsburg, W. Va., assignor to Interwoven Stocking Company, New Brunswick, N. J. Circular knitting machine. 2,316,823; Apr. 20.
- Thurston, Paul L., Martinsburg, W. Va., assignor to Interwoven Stocking Company, New Brunswick, N. J. Article of hosiery including terry fabric. 2,318,043; May 11.
- Thurston, Paul L., and D. Nagley, Martinsburg, W. Va., assignors to Interwoven Stocking Company, New Brunswick, N. J. Apparatus for producing knitted fabric. 2,316,822; Apr. 20.
- Thurston, Robert R., Chappaqua, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Making roofing products. 2,314,529; Mar. 23.
- Thut, Hiram F., Charleston, Ill. Bimetallic light meter. 2,334,000; Nov. 23.
- Thurman, J. L., Clark Township, Union County, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Inhibitor for chemical deterioration. 2,314,466; Mar. 23.
- Thwing-Albert Instrument Company. (See Razek, Joseph, assignor.)
- Thys, Edouard, and G. L. Schlatter-Booth, assignors to Thys & Miller, Sacramento, Calif. Book holder. 2,317,001; Apr. 20.
- Thys & Miller. (See Thys, E., and Schlatter-Booth, assignors.)
- Tiechvinsky, Leonid M., Annapolis, Md., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thrust bearing. 2,318,114; May 4.
- Tiechvinsky, Leonid M., Annapolis, Md., and R. A. Baury, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bearing. 2,315,674; Apr. 6.
- Tidball, Jack P. (See Salathe, Frederick, Jr., assignor.)
- Tide Water Associated Oil Company. (See Bond, Rolston L., assignor.)
- Tide Water Associated Oil Company. (See Chase, H. S., and Caine, assignors.)
- Tide Water Associated Oil Company. (See Cook, Elmer W., assignor.)
- Tide Water Associated Oil Company. (See Hyde, H. Y., Viland, and Galstaun, assignors.)
- Tide Water Associated Oil Company. (See Larson, Oscar, assignor.)
- Tide Water Associated Oil Company. (See Lazar, A., and McCormick, assignors.)
- Tide Water Associated Oil Company. (See Lazar, A., Ruedrich, and Frazier, assignors.)
- Tide Water Associated Oil Company. (See Persyn, Albert A., assignor.)
- Tide Water Associated Oil Company. (See Viland, Clare K., assignor.)
- Tide Water Associated Oil Company. (See Windling, Charles C., assignor.)
- Tide Water Associated Oil Company. (See Zellner, Carl N., assignor.)
- Tiedmann, Julius B., assignor to A. O. Smith Corporation, Milwaukee, Wis. Die for tube reducing. 2,328,112; Aug. 21.
- Tietig, Chester, Covington, Ky. Process and apparatus for metallurgical reduction. 2,313,457; Mar. 9.
- Tierney, Hubert J., Mahtomed, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Adhesive. 2,319,959; May 25.
- Tiers, Louis P., Wilmette, Ill., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Drying cornstarch and similar materials. 2,327,943; Aug. 24.
- Tiers, Ruth B., Chicago, Ill. Educational apparatus. 2,324,471; Aug. 24.
- Tiesler, Adolph E., Pearl River, assignor to Lederle Laboratories, Inc., New York, N. Y. Preparation of 4-pyridine sulphonic acid. 2,330,641; Sept. 28.
- Tietz, Chester, Covington, and H. N. Henry, Ludlow, Ky., said Henry assignor to said Tietz. Bridge and flooring therefor. 2,308,943; Jan. 19.
- Tietz, Herbert D., Maplewood, N. J., assignor to The International Nickel Co., Inc., New York, N. Y. Nickel heater cord. 2,337,428; Dec. 21.
- Tifi, Gustave R. (See Hartmann, R., and Tifi.)
- Tiffany, Burton E. (See Shaub, F. G., McCloud, and Tiffany.)
- Tiffany, Daniel W., Helena, Mont. Light for license plates. 2,309,805; Feb. 2.
- Timin, Joseph, West Lafayette, Ind., and J. S. Karlslake, Buffalo, N. Y., assignors to Purdue Research Foundation, West Lafayette, Ind. Apparatus for analyzing reader observation. 2,311,914; Feb. 23.
- Tiger, Roy L., Boulder, Colo. Landing wheel rotating device for airplanes. 2,320,547; June 1.
- Tigerstedt, Tor Göran, Stockholm, assignor to Aktiebolaget Esco Skandinaviska Companiet För Utrikeshandel, Malmö, Sweden. Time switch. 2,331,639; Oct. 12.

- Tighe, William P., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Antiwelding lubricant preparation. 2,314,530; Mar. 23.
- Tilden, Carl S. (See Tilden, Dwight M. and C. S.)
- Tilden, Dwight M. and C. S., Glendale, Calif. Power driven abrading device. 2,307,431; Jan. 5.
- Tilden, Sydney G., Stewart Manor, N. Y. Automotive brake. 2,333,453; Nov. 2.
- Tiley, Louis H. (See Holmes, J. B., and Tiley.)
- Till, Steven L., Chicago, assignor of one-half to J. O. Enell and M. M. Phillips, Cook County, Ill. Combined engine and cooling system therefor. 2,315,462; Mar. 30.
- Tillander, Gunnar, Stockholm, Sweden. Liquid-filled compass with cups of electrically nonconductive material. 2,331,747; Oct. 12.
- Tillery, Luther D., Kansas City, Mo. Garment hanger. 2,309,421; Jan. 26.
- Tillett, George H. (See Fleischer, H., and Tillett.)
- Tilley, Edwin P., Dunellen, N. J. Chuck for rotating and advancing tubing or other material. 2,316,117; Apr. 6.
- Tilman, George, Kingsville, Tex. Bathroom fixture. 2,319,017; May 19.
- Tillman, Leonard, Springdale, Conn. Smoking appliance. 2,323,856; July 6.
- Tilleyer, Edgar D., and H. E. Hasenzahl, assignors to American Optical Company, Southbridge, Mass. Pressure mold and molding. 2,333,131; Nov. 2.
- Tho Roofing Company. (See De Vault, Aylett F., assignor.)
- Tilson, Claude D., Manchester, N. H., assignor of one-half to North American Holding Corporation and one-half to Parshad Holding Corporation, Syracuse, N. Y. Marking machine. 2,329,493; Sept. 14.
- Tilton, Russell G., Mountain Lakes, N. J., assignor to Otis Elevator Company, New York, N. Y. Vulcanizing mechanism. 2,319,372; May 18.
- Times Telephone Equipment Inc. (See Cooley, Austin G., assignor.)
- Timken-Detroit Axle Company, The. (See Alden, Herbert W., assignor.)
- Timken-Detroit Axle Company, The. (See Buckendale, Lawrence R., assignor.)
- Timken-Detroit Axle Company, The. (See Davis, Charles C., assignor.)
- Timken-Detroit Axle Company, The. (See Keese, Beverly W., assignor.)
- Timken-Detroit Axle Company, The. (See Spiller, W. R., Alden, and Super, assignors.)
- Timken-Detroit Axle Company, The. (See Wilson, J. A., and Sutherland, assignors.)
- Timken Roller Bearing Company, The. (See Boden, Ernest G., assignor.)
- Timken Roller Bearing Company, The. (See Brotherton, Clifford A., assignor.)
- Timken Roller Bearing Company, The. (See Buckwalter, Tracy V., assignor.)
- Timken Roller Bearing Company, The. (See Curtis, George W., assignor.)
- Timken Roller Bearing Company, The. (See Drummond, J. R., Fleischmann, and Klamp, assignors.)
- Timken Roller Bearing Company, The. (See Edwards, Herbert C., assignor.)
- Timken Roller Bearing Company, The. (See Fleischmann, Martin, assignor.)
- Timken Roller Bearing Company, The. (See Hexamer, Homer L., assignor.)
- Timken Roller Bearing Company, The. (See Klamp, Paul, assignor.)
- Timm, Roy C. (See Oshel, R. J., and Timm.)
- Timmerman, Jan. (See Horowitz, A., and Timmerman.)
- Timmermann, Elmer J., Glendale, Calif. Table tennis bat. 2,328,366; Aug. 31.
- Timmins, Leo H., Montreal, Quebec, assignor to Chromium Mining and Smelting Corp., Limited, Sault Ste. Marie, Ontario, Canada. Production of ferroalloys substantially free of gangue materials. 2,322,327; June 22.
- Tindall, John B., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of monohalonitromethanes. 2,309,806; Feb. 2.
- Tingley, Clark N., Johnson City, and F. K. Harper, Birmingham, N. Y. Architectural model. 2,315,463; Mar. 30.
- Tinker, Walter H., Boston, Mass., assignor of fifty-one one hundredths to E. J. Mallon, Chillicothe, Ohio. Steam injector. 2,337,283; Dec. 21.
- Tinnerman, Albert H., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Panel mounting and fastener therefor. 2,328,757; Sept. 7.
- Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening means. 2,310,756; Feb. 9.
- Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Adjustable connecting device or similar fastener. 2,312,134; Feb. 23.
- Tinnerman, George A., assignor, by mesne assignments, to Tinnerman Products, Inc., Cleveland, Ohio. Nut fastening device. 2,315,359; Mar. 30.
- Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Clip fastener. 2,317,561; Apr. 27.
- Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,318,816; May 11.
- Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,323,690; July 6.
- Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Sheet metal adjusting nut or the like. 2,324,653; July 20.
- Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastener. 2,326,579; Aug. 10.
- Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Instrument mounting and fastener therefor. 2,326,903; Aug. 17.
- Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Cap device. 2,334,046; Nov. 9.
- Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,335,464; Nov. 30.
- Tinnerman, George A., assignor to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,336,319; Dec. 7.
- Tinnerman, George A., Rocky River, assignor, by mesne assignments, to Tinnerman Products, Inc., Cleveland, Ohio. Fastening device. 2,323,689; July 6.
- Tinnerman, George A., and G. A. Hansman, assignors to Tinnerman Products, Inc., Cleveland, Ohio. Wall construction. 2,324,654; July 30.
- Tinnerman Products, Inc. (See Hansman, George A., assignor.)
- Tinnerman Products, Inc. (See Parr, Bernard A., assignor.)
- Tinnerman Products, Inc. (See Simmons, Oliver E., assignor.)
- Tinnerman Products, Inc. (See Tinnerman, Albert H., assignor.)
- Tinnerman Products, Inc. (See Tinnerman, George A., assignor.)
- Tinnerman Products, Inc. (See Tinnerman, G. A., and Hansman, assignors.)
- Tinsley, John S., assignor to Hercules Powder Company, Wilmington, Del. Plastic composition. 2,337,508; Dec. 21.
- Tipaloy, Incorporated. (See Fletcher, James, assignor.)
- Tippen, Frank J., Coventry, assignor to L. P. Lee, near Stratford-on-Avon, England. Governing gear for engine and other machines. 2,336,654; Dec. 14.
- Tipton, Raymond, assignor to W. C. Dillon & Company, Inc., Chicago, Ill. Oil well pump controller. 2,316,494; Apr. 13.
- Tipton, William D., Stoneleigh, Md. Internal combustion engine. 2,308,839; Jan. 19.
- Tipton, William D., Baltimore, Md. Hydrodynamic transmission. 2,317,498; Apr. 27.
- Tischbein, Wilhelm, O. Bayer, Leverkusen I. G.-Werk, J. Nelles, Leverkusen-Schleibusch, and F. Ruf, Dormagen, Germany, assignors to General Aniline & Film Corporation. Dyeings. 2,307,973; Jan. 12.
- Tischer, Friedrich and H. J. R. von Baeyer, Berlin, Germany; vested in the Allen Property Custodian. Means to suppress radio frequency waves upon the inside of tubular conductors. 2,332,952; Oct. 26.
- Tischler, Adolph W., Chicago, Ill. Hair shaper. 2,315,297; Mar. 30.
- Tisdale, Wendell H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control. 2,335,323; Nov. 30.
- Tishler, Max, Rahway, N. J., assignor to Research Corporation, New York, N. Y. Naphthoquinone oxides. 2,312,504; Mar. 2.
- Tishler, Max, assignor to Merck & Co. Inc., Rahway, N. J. Substituted naphthoquinones. 2,325,439; July 27.
- Tishler, Max, and N. L. Wendler, assignors to Merck & Co., Inc., Rahway, N. J. Anthemorrhagic compound. 2,307,084; Jan. 5.
- Tishler, Max, Rahway, and C. C. Christman, Colonia, assignors to Merck & Co., Inc., Rahway, N. J. Production of tocopheryl-like compounds. 2,311,887; Feb. 23.
- Tishler, Max, Rahway, N. J., and N. L. Wendler, Ann Arbor, Mich., assignors to Merck & Co. Inc., Rahway, N. J. Anthemorrhagic compound. 2,331,008; Oct. 5.
- Tisza, Edmond T., and B. F. Duesel, Yonkers, assignors to Nepera Chemical Company, Inc., Nepera Park, N. Y. Suphanilamide-amino-pyridines and producing the same. 2,307,650; Jan. 5.
- Tisza, Edmond T., and B. F. Duesel, Yonkers, and H. L. Friedman, New York, assignors to Nepera Chemical Co., Inc., Yonkers, N. Y. Production of 2-aminopyrimidine. 2,332,615; Oct. 26.
- Titan Valve and Manufacturing Company, The. (See Green, N. B., and Bondurant, assignors.)
- Titanium Alloy Manufacturing Company, The. (See Frost, L. J., and Commons, assignors.)
- Titanium Alloy Manufacturing Company, The. (See Hale, D. S., and Prior, assignors.)
- Titanium Alloy Manufacturing Company, The. (See Kinzie, Charles J., assignor.)
- Titanium Alloy Manufacturing Company, The. (See Laughlin, Charles C., assignor.)
- Titanium Alloy Manufacturing Company, The. (See Wainer, Eugene, assignor.)
- Titanium Alloy Manufacturing Company. (See Wainer, E., and Thiele, assignors.)
- Titeflex Metal Hose Co. (See Ingalls, David, assignor.)

- Titelstad, Nicolay, White Plains, N. Y., and L. N. Allen, Jr., Nutley, N. J., assignors to Chemical Construction Corporation, New York, N. Y. Heat recovery system. 2,312,223; Feb. 23.
- Titus, Huel F., San Francisco, Calif. Automatic liquid dispensing device. 2,326,415; Aug. 10.
- Titus, Rolla W. (See Griffin, H. L., Robb, Titus, and Gebhardt.)
- Tivoli Brewing Company. (See Luckey, William L., assignor.)
- Tix, Henry K., Galveston, Tex. Automatic clutch. 2,330,160; Sept. 21.
- Tjarda, Thomas W., Jr., Downers Grove, Ill., assignor to The Union Switch and Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,317,562; Apr. 27.
- Tjardta, John, Detroit, Mich., assignor to Briggs Manufacturing Company. Cylinder and making the same. 2,325,288; July 27.
- Tjardta, John, assignor to Briggs Manufacturing Company, Detroit, Mich. Engine. 2,327,470; Aug. 24.
- Tjomsland, Eli H., Ridgefield Park, N. J. Massaging appliance. 2,324,337; July 13.
- Tobacco By-Products and Chemical Corporation. (See Arnold, Robert B., assignor.)
- Tobacco By-Products and Chemical Corporation. (See Burger, Alfred, assignor.)
- Tobacco Retention Corporation. (See Shand, William, assignor.)
- Tober, Allan H. (See Wolters, C. F., and Tober.)
- Tobey, Frank H., St. Louis, Mo. Heel for shoes. 2,312,008; Feb. 23.
- Tobey, Leon H., and R. M. Holmes, assignors to Bloomer Bros. Company, Newark, N. Y. Carton. 2,336,655; Dec. 14.
- Tobias, Fred J., Ridgewood Plateau, N. Y., and R. F. Jessen, Trenton, N. J., assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Method and apparatus for handling materials. 2,316,824; Apr. 20.
- Tobin, John. (See Dodge, E. S., and Tobin.)
- Tobin, Ralph C., executor, et al. (See Leprestre, Rene.)
- Tobler, Richard. (See Froehlich, J., Stocklin, and Tobler.)
- Toce, Charles A. (See Woodruff, W. M., and Toce.)
- Tochtermann, Hilde, administratrix. (See Moeller, A., (Tochtermann, deceased) and Trischen.)
- Todd, Augustine J., Washington, D. C. Container. 2,328,367; Aug. 31.
- Todd Company, The. (See Payne, Walter B., assignor.)
- Todd Company, The. (See Smith, Burgess W., assignor.)
- Todd, Edwin T., assignor to American Seating Company, Grand Rapids, Mich. Chair. 2,310,476; Feb. 9.
- Todd, Everett W. (See Woodruff, M. H., and Todd.)
- Todd, Gibbon H., Charlotte, N. C. Collapsible music display stand. 2,309,876; Feb. 2.
- Todd, John, Lincoln, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Electrical socket. 2,337,692; Dec. 28.
- Todd, John P., Mamaroneck, N. Y. Black-out lamp. 2,321,636; June 15.
- Todd, John W., City Road, London, England. Micrometer gauge. 2,337,509; Dec. 21.
- Todd, Seldon P., Gloucester City, N. F. Sanders, Haddonfield, and J. Verdala, Audubon, N. J., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Titanium pigment composition and making the same. 2,326,182; Aug. 10.
- Toelke, August F., Velda Village, R. Gehne, Pine Lawn, and P. J. Wenta, Brentwood, assignors to Jackes-Evans Manufacturing Company, St. Louis, Mo. Packaging apparatus. 2,314,434; Mar. 23.
- Toepfer, Adolph H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Make-alive electrode and making. 2,307,550; Jan. 5.
- Toepfer, Adolph H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Oscillograph viewing device. 2,313,978; Mar. 16.
- Toepfer, Adolph H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Low current igniter. 2,325,718; Aug. 3.
- Töffinger, Karl, Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Winding for single-phase series motors. 2,310,131; Feb. 2.
- Toffey, Joseph A., Kanawha, Iowa. Sweep rake stacker and loader. 2,322,487; June 22.
- Toggenburger, John, Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,320,487; June 1.
- Tognetti, Aldo, Monterey County, Calif. Vehicle loading and unloading device. 2,321,168; June 8.
- Tognola, Tullio, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Spark plug. 2,331,748; Oct. 12.
- Tognola, Tullio, Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Spark plug and making the same. 2,333,749; Nov. 9.
- Tokheim Oil Tank and Pump Company. (See Eilers, Frank B., assignor.)
- Tokheim Oil Tank and Pump Company. (See Eilers, F. B., and Graef, assignors.)
- Tokheim Oil Tank and Pump Company. (See Graef, Forrest J., assignor.)
- Tokheim Oil Tank and Pump Company. (See Oberly, Chester C., assignor.)
- Tokheim Oil Tank and Pump Company. (See Waugh, Paul B., assignor.)
- Toland, William C., trustee. (See Bassist, Ellis, assignor.)
- Toland, William C., trustee. (See Toland, W. C., and Bassist, assignors.)
- Toland, William C., and E. Bassist, Brookline, Mass., assignors to W. C. Toland, trustee. Planographic plate process. 2,309,027; Jan. 19.
- Toland, William C., and E. Bassist, Brookline, Mass., assignors to W. C. Toland, trustee. Making sheet material. 2,311,480; Feb. 16.
- Toland, William C., and E. Bassist, Brookline, Mass., assignors to W. C. Toland, trustee. Light-sensitive element. 2,311,888; Feb. 23.
- Toland, William C., and E. Bassist, Brookline, Mass., assignors to W. C. Toland, trustee. Lithographic plate. 2,311,889; Feb. 23.
- Toland, William C., and E. Bassist, assignors to W. C. Toland, Brookline, Mass., as trustee. Light-sensitive element. 2,312,852; Mar. 2.
- Toland, William C., and E. Bassist, assignors to W. C. Toland, Brookline, Mass., as trustee. Applicator roll. 2,312,853; Mar. 2.
- Toland, William C., and E. Bassist, assignors to W. C. Toland, Brookline, Mass., as trustee. Light-sensitive element. 2,312,854; Mar. 2.
- Toland, William C., and E. Bassist, assignors to W. C. Toland, trustee, Brookline, Mass. Printing plate. 2,313,848; Mar. 16.
- Toland, William C., and E. Bassist, Brookline, Mass., assignors to W. C. Toland, trustee. Negative element. 2,327,380; Aug. 24.
- Tolbert, William P., assignor to Anthes Force Oiler Company, Fort Madison, Iowa. Reflector. 2,314,566; Mar. 23.
- Tolbert, William P., assignor to Anthes Force Oiler Company, Fort Madison, Iowa. Making lamp sockets. 2,332,476; Oct. 19.
- Toledo Scale Company. (See Bohannan, Robert S., assignor.)
- Toledo Scale Company. (See Hem, Halvor W., assignor.)
- Toledo Scale Company. (See Marshall, Charles O., assignor.)
- Toledo Scale Company. (See Mashbir, S. F., and Weckert, assignors.)
- Toledo Scale Company. (See Richard, Grant M., assignor.)
- Toledo Scale Company. (See Weckerly, Mark A., assignor.)
- Toledo Scale Company. (See Williams, Lawrence S., assignor.)
- Toledo Stamping and Manufacturing Company. (See Cook, James M., assignor.)
- Tolle, Karl. (See Schade, W., Tolle, and Van Graafveld.)
- Tollfson, Henning O., Bottineau, N. Dak. Safety hitch. 2,331,816; Oct. 12.
- Tolley, Arnold C. (See Cornell, F. D., and Tolley.)
- Tolley, Donald B. (See Hill, D. H., and Tolley.)
- Tolley, Donald B., Macomb, Ill., assignor to Globe American Corporation, Kokomo, Ind. Ventilator device for poultry houses. 2,324,043; July 13.
- Tolley, Donald B., Macomb, Ill., assignor to Globe American Corporation, Kokomo, Ind. Latching pan for tanks. 2,329,865; Sept. 21.
- Tollison, Paul L., North Plainfield, and I. Tornberg, assignors to Wood Newspaper Machinery Corporation, Plainfield, N. J. Printing plate clamp. 2,320,762; June 1.
- Tolpin, Jacob G. (See Cerecedo, L. R., and Tolpin.)
- Tolson, William A., Westmont, N. J., assignor to Radio Corporation of America. Electrical apparatus. 2,321,335; June 8.
- Tomalis, Joseph J., assignor to American Screw Company, Providence, R. I. Cold heading machine. 2,332,262; June 22.
- Tome, Charles A., Wilmington, Del. Tube. 2,319,275; May 18.
- Tome, Charles A., Wilmington, Del. Tube and head therefor. 2,332,414; Oct. 19.
- Tomkins-Johnson Company. (See Johnson, Arden L., assignor.)
- Tomkins-Johnson Company. (See Ward, Loyd A., assignor.)
- Tomlin, Andrew, Hudson, Ohio, assignor to Monsanto Chemical Company, St. Louis, Mo. Thiuram sulphides. 2,326,984; Aug. 17.
- Tomlin, James H. (See Summers, A. E., and Tomlin.)
- Tomlinson, Frederick W., and C. M. Beckett, Newcastle-on-Tyne, England, assignors to Société Alsacienne de Constructions Mécaniques, Clichy, France. Electric cable or other insulated conductor. 2,312,506; Mar. 2.
- Tomlinson, Lowell E., Coalinga, Calif., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Gravel packing valve. 2,337,429; Dec. 21.
- Tompkins Bros. Co. (See Ingalls, Willis A., assignor.)
- Tompkins, Emerson H. (See Lusher, A. C., Tompkins, and Howard.)
- Tompkins, Harold D., Summit, N. J. Container. 2,310,818; Feb. 9.
- Tompkins, John K., Narberth, Pa. Apparatus and method for applying gummed labels to Cellophane. 2,333,750; Nov. 9.

- Tompkins, John K., Nayberth, Pa. Apparatus for applying gummed labels to Cellophane or the like. 2,335,033; Nov. 23.
- Tompkins, Junius B., et al. (See Ericson, Albert A., assignor.)
- Tondeur, Rene, Lechdale, assignor to Bowden (Engineers) Limited, Willesden Junction, London, England. Remote control of parts actuated through flexible power transmission mechanisms. 2,321,780; June 15.
- Tondreau, Albert W., Hollywood, Calif. Valve. 2,321,336; June 8.
- Toner, Royal, Garden City, N. Y. Oyster spat collector. 2,319,170; May 11.
- Toney, John R., Los Angeles, Calif. Electric eye curb indicator. 2,317,652; Apr. 27.
- Toney, John R., Los Angeles, Calif. Facilitate parking of vehicles. 2,334,849; Nov. 23.
- Tongberg, Carl O., Westfield, N. J., assignor to Standard Oil Development Company. Chemical process. 2,330,761; Sept. 28.
- Tönne, Franz. (See Kreissig, E., Tönne, and Rosenbaum.)
- Tooke, Roy P. (See Gordon, R. H., and Tooke.)
- Tooker, Kenneth O., Detroit, Mich., assignor to The Hoover Company, North Canton, Ohio. Molding machine. 2,330,762; Sept. 28.
- Toole, Gerald C. (See Field, C., and Toole.)
- Toomey, Thomas C., West New Brighton, Staten Island, N. Y., and G. Brandt, Westfield, assignors to The Babcock & Wilcox Company, Newark, N. J. Steam generator. 2,328,039; Aug. 31.
- Toomey, William, Edwardsville, Pa. Heating unit. 2,334,361; Nov. 16.
- Toone, Gilbert C., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Production of alkyl aryl sulphonates. 2,314,453; Mar. 16.
- Toone, Gilbert C., Hamburg, N. Y., assignor to Allied Chemical & Dye Corporation. Improving the storage properties of alkyl aryl sulphonates. 2,333,830; Nov. 9.
- Toone, Gilbert C., and L. H. Flett, Hamburg, N. Y., assignors to Allied Chemical & Dye Corporation. Detergent compositions. 2,316,194; Apr. 13.
- Toop, Frederick, assignor to Petco, Inc., New York, Pa. Two-unit work-shelf shears. 2,325,347; July 27.
- Toorks, William P., Salem, Mass., assignor to Sylvania Electric Products Inc. Luminescent material and method of preparing the same. 2,323,284; June 29.
- Tootal Broadhurst Lee Company Limited. (See Corteen, Harry, assignor.)
- Tortol Broadhurst Lee Company Limited. (See Marsh, J. T., and Roscoe, assignors.)
- Topalov, Michael I., Detroit, Mich. Stream motor. 2,335,817; Nov. 30.
- Topham, Laurence E., Wenham, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Making lasts. 2,336,049; Dec. 7.
- Topinka, Joseph F., Cleveland, Ohio. Cable anchor. 2,330,458; Sept. 28.
- Topinka, Joseph F., Cleveland, Ohio. Cable tensioner. 2,336,818; Dec. 14.
- Torjian, Daniel, assignor, by mesne assignments, to himself, as trustee. Dispensing device. 2,333,831; Nov. 9.
- Topnitz, Samson L., New York, N. Y. Mop holder. 2,335,516; Dec. 14.
- Topp, Fred J., Chicago, Ill. Smoking pipe. 2,309,482; Jan. 26.
- Topping, Carl E., Jackson, assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,314,024; Mar. 16.
- Topping, Joseph, Jr., San Francisco, Calif. Pressure control loud-speaker enclosure. 2,337,213; Dec. 21.
- Tormohlen, Blanche M., Chicago, Ill. Waste container. 2,324,440; July 13.
- Tormyn, Herman, assignor to General Motors Corporation, Detroit, Mich. Making metal articles. 2,319,373; May 18.
- Tornberg, Henning T. (See Minns, R. G., and Tornberg.)
- Tornberg, Henning T., assignor to National Rubber Machinery Co., Akron, Ohio. Vulcanizer. 2,330,318; Sept. 28.
- Tornberg, Isidor. (See Chilsom, F., and Tornberg.)
- Tornberg, Isidor. (See Tollison, P. L., and Tornberg.)
- Törnebohm, Hilding V. (See Hjärpe, E. G., and Törnebohm.)
- Toro Manufacturing Corporation of Minnesota. (See Clapper, John S., assignor.)
- Toro Manufacturing Corporation of Minnesota. (See Speiser, Ralph W., assignor.)
- Torode, Thomas D., Detroit, Mich. Combination knife, fork, and spoon. 2,318,129; May 4.
- Török, George, Budapest, Hungary; vested in the Alien Property Custodian. Insertion for cushions or the like. 2,328,610; Aug. 31.
- Toronto, Esther C., Boston, Mass. Medicine mixing and dispensing device. 2,332,030; Oct. 19.
- Toronto Star Limited, The. (See Wallace, Richard E., assignor.)
- Torres, Mario. (See Ferrari, D., and Torres.)
- Torrence, George P., Shaker Heights, R. F. Bergmann, Lakewood, and W. F. Knebusch, Rocky River, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for handling thread or the like. 2,323,879; July 6.
- Torrington Manufacturing Co. (See Evans, Addison W., assignor.)
- Torrington Manufacturing Co. (See Upson, Walter L., assignor.)
- Torrington Manufacturing Co., The. (See Williams, Edmund B., assignor.)
- Torrington, William P., assignor to Emulsions Process Corporation, New York, N. Y. Yeast-treating process. 2,319,831; May 25.
- Torroja, Juan M., Madrid, Spain. Mechanism of linear clocks. 2,333,832; Nov. 9.
- Torstenson, Henry A., et al. (See Krantz, Edward, assignor.)
- Tor-Vel Associates. (See Watson, Sydney C., assignor.)
- Tostevin, Walter C., Mandan, N. Dak. Apparatus for turning head lamps. 2,321,337; June 8.
- Toth, Louis. (See Pereni, E., and Toth.)
- Totzek, Friedrich, and J. Daniels, Essen, Germany, assignors, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Manufacture of producer gas. 2,311,140; Feb. 16.
- Toubhans, René H., assignor to Century Motors Corporation, Dearborn, Mich. Apparatus for machining serrations in metallic bodies. 2,327,944; Aug. 24.
- Toulmin, Harry A., Jr. (See Bench, D. E., Crosby, and Toulmin.)
- Toulmin, Harry A., Jr., assignor, by mesne assignments, to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Producing irregular finishes. 2,332,031; Oct. 19.
- Tousley, Victor H., Chicago, Ill. Attachment plug. 2,323,736; July 6.
- Touton, Rush, D., Cynwyd, assignor to Warton Machine Company, Philadelphia, Pa. Conditioning tobacco. 2,334,362; Nov. 16.
- Tow, Albert H., Atlanta, Ga., assignor of one-half to F. B. Slupesky, Indianapolis, Ind. Flush tank. 2,318,978; May 11.
- Toward, Archie, Jr. (See Helgis, H. E., and Toward, Jr.)
- Tower, Edwin B. H., Jr. (See Roach, John, assignor.)
- Towl-Craft Co. (See Maltby, M. E., and Price, assignor.)
- Towle, Frank N., Los Altos, and E. F. Gamble, Palo Alto, Calif. Liquid carbonating device. 2,331,248; Oct. 5.
- Towe, Raymond W., Sr. (See Lones, F. H., and Towle, Sr.)
- Towlseaver, Inc. (See Perrin, J. C., and Geer, assignors.)
- Towner Manufacturing Co. (See Martin, Charles H.)
- Townhill, Arthur, assignor to Thompson Products Incorporated, Cleveland, Ohio. Quick disconnect coupling. 2,317,827; Apr. 27.
- Townhill, Arthur, assignor to Thompson Products Incorporated, Cleveland, Ohio. Valve spring retainer lock. 2,330,091; Sept. 21.
- Townhill, Arthur, and S. Csaszar, assignors to Thompson Products Incorporated, Cleveland, Ohio. Quick disconnect coupling. 2,333,496; Nov. 2.
- Townsend, Frank J., Pelham Manor, N. Y. Air duct assembly. 2,330,763; Sept. 28.
- Townsend, George R., Schenectady, N. Y., assignor to General Electric Company. Sequential control system and apparatus. 2,325,440; July 27.
- Townsend, John W. (See Hess, F. O., and Townsend.)
- Townsend, Mark A., Cleveland Heights, Ohio, assignor to General Electric Company. Switch for electric discharge devices. 2,330,161; Sept. 21.
- Townsend, Ray F., Altoona, Iowa. Bullet core stripper machine. 2,335,710; Nov. 30.
- Townsend, Richard W. (See Scott, K. D., and Townsend.)
- Townsend, Roy C., La Crosse, Wis. Brake mechanism. 2,307,811; Jan. 12.
- Townsend, Roy C., La Crosse, Wis. Vehicle supporting truck. 2,316,374; Apr. 13.
- Townsend, Roy C., La Crosse, Wis. Spring mounting. 2,337,073; Dec. 21.
- Townsend, Samuel A., Jr., Webster Groves, Mo. Stoker. 2,311,100; Feb. 16.
- Townseley, Elias P., Chicago, Ill., assignor to Hydraulic Controls, Inc. Welding control. 2,328,694; Sept. 7.
- Toy, James M. (See Warchant, Percy, assignor.)
- Toy, Tinklers, Inc., The. (See Pajau, Charles H., assignor.)
- Tozer, Clayton N., Julian, Calif. Funnel support. 2,324,655; July 20.
- Trabert, Erwin. (See Albers, F., Fröhlich, Schneider and Trabert.)
- Tracy, Mearl V., assignor to Tracy Tool Co., Pasadena, Calif. Gauge for power saws. 2,326,416; Aug. 10.
- Tracy, Parker C. (See Moreland, S. T., and Tracy.)
- Tracy Tool Co. (See Tracy, Mearl V., assignor.)
- Trader, Wilbur S., et al. (See Bittner, Charles C., assignor.)
- Trafton, James E. (See MacDonald G. S., and Trafton.)
- Trago, Leon, assignor to Worthington-Gamon Meter Company, Newark, N. J. Fluid meter. 2,316,492; Apr. 13.
- Trailer Company of America, The. (See Black, James J., assignor.)
- Tramill-Rehn Lumber Company. (See Rehn, Maurice A., assignor.)
- Transart Aktiebolag. (See Kroner, Friedrich, assignor.)
- Transcontinental Rubber Corporation. (See Loewengart, Justin, assignor.)

- Transit Advertisers, Inc. (See Jayne, J. K., and Sewall, assignors.)
- Transit Research Corporation. (See Piron, Emil H., assignor.)
- Trans-Lux Corporation. (See Newman, David F., assignor.)
- Trans-Lux Corporation. (See Unkles, Edward H., assignor.)
- Transograph Corporation. (See Tryon, R., and Hirsch, assignors.)
- Transparent Cover Company. (See Frost, Bernard J., assignor.)
- Transplanter (Robot) Limited. (See Pomleranec, Israel, assignor.)
- Transportation Equipment Co. (See Pratt, Raymond C., assignor.)
- Transportation Specialties Company. (See Boswinkle, George, assignor.)
- Transportation Specialties Company. (See Johnston, Charles S., assignor.)
- Trapani, Vincent, and H. R. Krohn, Los Angeles, Calif. Sensors sharpener. 2,321,950; June 15.
- Trap, George J., and F. D. Footit, assignors to Automotive Products Company Limited, London, England. Pump. 2,309,551; Jan. 26.
- Trask, Allen, St. Paul, Minn. Differential spring suspension for vehicles. 2,320,314; May 25.
- Tratsch, Walter A. (See Patzer, W., and Tratsch.)
- Traumüller, Arthur J. Sr., Brooklyn, N. Y. Display device. 2,312,009; Feb. 23.
- Traulpe, Walter, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Gas turbine plant. 2,312,605; Mar. 2.
- Traulpe, Walter, assignor to Sulzer Frères, Société, Anonyme, Winterthur, Switzerland. Gas turbine plant. 2,318,905; May 11.
- Traut, George T. (See Gulbrandsen, S., Serinis, and Traut.)
- Trautman, Charles W., assignor, by mesne assignments, to H. E. Bucklen, Jr., Elkhart, Ind. Mercury switch. 2,320,682; June 1.
- Trautman, Charles W., assignor, by mesne assignments, to H. E. Bucklen, Jr., Elkhart, Ind. Mercury switch. 2,320,683; June 1.
- Trautman, Raymond E. (See Johnson, C. B., and Trautman.)
- Trautman, Walter C., assignor, by mesne assignments, to Bendix Aviation, Ltd., North Hollywood, Calif. Pilot valve. 2,320,763; June 1.
- Trautner, Wagn. Springfield, assignor to The K-D Lamp Company, Cincinnati, Ohio. Lamp mounting and assembly. 2,312,454; Mar. 2.
- Trautvetter, George, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Hopper conduit for rail cars. 2,309,382; Jan. 26.
- Trautvetter, George, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle wall, especially door structure. 2,329,494; Sept. 14.
- Trautvetter, George, assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Panel. 2,333,600; Nov. 2.
- Traver, Oliver C., Drexel Hill, Pa., assignor to General Electric Company. Electric arc-extinguishing apparatus. 2,314,292; Mar. 16.
- Travilla, James C., Jr., Philadelphia, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck rocker centering device. 2,309,264; Jan. 26.
- Travilla, James C., Jr., Philadelphia, Pa., and E. C. Jackson, Clayton, Mo., assignors to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,309,265; Jan. 26.
- Travilla, James C., Jr., Overbrook Hills, Pa., and H. E. Doerr, St. Louis, Mo., assignors to General Steel Castings Corporation, Granite City, Ill. Bypass valve. 2,311,012; Feb. 23.
- Travilla, James C., Philadelphia, Pa., and E. C. Jackson, Clayton, Mo., assignors to General Steel Castings Corporation, Granite City, Ill. Railway vehicle structure. 2,317,156; Apr. 20.
- Travilla, James C., Jr., Philadelphia, Pa., and O. Jabelmann, Omaha, Neb.; T. R. Jabelmann, administratrix of said O. Jabelmann, deceased, said Travilla, Jr., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,333,057; Oct. 26.
- Travilla, James C., Jr., Overbrook Hills, Pa., and O. Jabelmann, Omaha, Neb.; T. R. Jabelmann, administratrix of said O. Jabelmann, deceased, said Travilla, Jr., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,333,058; Oct. 26.
- Travis, Albert C. (See Szayna, Antoni, assignor.)
- Travis, Charles, Wyndmoor, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Method and apparatus for receiving frequency modulated waves. 2,332,540; Oct. 26.
- Trawick, Lynn M., Stroud, Okla. Intermitting system for flowing wells. 2,312,455; Mar. 2.
- Traxel, Leonard P. (See Mills, H. S., and Traxel.)
- Trayer Products, Incorporated. (See Tryon, William A., assignor.)
- Traylor Engineering and Manufacturing Company, et al. (See Montgomery, C. L., and Cheesman, assignor.)
- Traylor, John A., deceased, Denver, Colo., T. S. Traylor, E. T. Eisenhand, and J. B. Traylor, Denver, Colo., executors, and J. B. Traylor, Denver, Colo. Electromagnetic motor. 2,313,401; Mar. 9.
- Traylor, John B. (See Traylor, John A. and John B.)
- Traylor, John B., et al., executors. (See Traylor, John A.)
- Traylor, Tessie S., et al., executors. (See Traylor, John A.)
- Traylor Vibrator Company, The. (See Baird, Clyde W., assignor.)
- Traylor, William N., Hattiesburg, Miss., assignor to Hercules Powder Company, Wilmington, Del. Refining of rosin esters. 2,313,901; Mar. 16.
- Traylor, William N., Hattiesburg, Miss., assignor to Hercules Powder Company, Wilmington, Del. Refining of fatty acid esters and fatty acids. 2,334,850; Nov. 23.
- Trbojevich, Nikola, Toledo, Ohio. Spiral gearing and gear teeth. 2,311,006; Feb. 16.
- Trbojevich, Nikola, Toledo, Ohio. Transmission and gear teeth. 2,313,183; Mar. 9.
- Treacy, Cyril S., Cranford, assignor to Merck & Co., Inc., Rahway, N. J. Producing halogenated cresols. 2,319,960; May 25.
- Treadway, Robert H. (See Bolter, E. R., Hanthorn and Treadway.)
- Treadway, William I., Bristol, Conn., assignor to The Horton Manufacturing Company. Fishing reel. 2,331,249; Oct. 5.
- Treadwell Engineering Company. (See Juppenlatz, John W., assignor.)
- Treadwell Engineering Company. (See Mikaelson, Erik W., assignor.)
- Treadwell, Frank A., Siloam Springs, Ark. Shock cord handling. 2,321,263; June 8.
- Treadwell, M. H., Company. (See Astrom, C. P., and Olson, assignors.)
- Treanor, Edward D., Pittsfield, Mass., assignor to General Electric Company. Transformer load indicator. 2,319,640; May 18.
- Treglia, Harold R., South St. Paul, Minn. Stethoscope attachment. 2,335,711; Nov. 30.
- Trekell, Harold E., Wakefield, Mass., assignor to General Electric Company. Induction meter. 2,316,638; Apr. 13.
- Trekell, Harold E., Wakefield, Mass., assignor to General Electric Company. Lag plate. 2,321,437; June 8.
- Trombetti, Verne K., assignor to Paper Products, Oconomowoc, Wis. Stationery package. 2,330,467; Sept. 28.
- Tremolada, Guglielmo R., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Brake. 2,331,517; Oct. 12.
- Tremolieres, Jean, Geneva, Switzerland, assignor to Société Anonyme Parfumerie Roger et Gallet, Paris, France. Container for face powder. 2,307,648; Jan. 5.
- Trenkle, Charles H., Ridgewood, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistance material. 2,326,580; Aug. 10.
- Trepagnier, Joseph H. (See Sparks, C. E., and Trepagnier.)
- Trepp, Samuel G., Swarthmore, Pa., assignor to The United Gas Improvement Company. Polymerization of unsaturated compounds having the cyclopentadiene nucleus. 2,314,908; Mar. 30.
- Trepp, Samuel G., Swarthmore, Pa., assignor to The United Gas Improvement Company. Polymerization of unsaturated compounds having the cyclopentadiene nucleus. 2,314,909; Mar. 30.
- Trepp, Samuel G., Swarthmore, Pa., assignor to The United Gas Improvement Company. Polymerization of unsaturated compounds having the cyclopentadiene nucleus. 2,314,910; Mar. 30.
- Trepp, Samuel G., Swarthmore, Pa., assignor to The United Gas Improvement Company. Polymerization of unsaturated compounds having the cyclopentadiene nucleus. 2,314,911; Mar. 30.
- Treshow, Michael. (See Anderson, F. J., and Treshow.)
- Treshow, Michael. (See West, C. T., and Treshow.)
- Tressler, David L., trustee. (See Smith, J. S., and Dawson, assignors.)
- Trevaskis, Henry, Hampton Lane, Solihull, assignor to Dunlop Rubber Company, Limited, London, County, England. Chute for ammunition and other articles. 2,310,884; Feb. 9.
- Trevaskis, Henry, Solihull, assignor to Dunlop Rubber Company Limited, London County, England. Reciprocating pump for delivering liquids. 2,337,510; Dec. 21.
- Treverson, Richard W., assignor to Trico Products Corporation, Buffalo, N. Y. Window operating mechanism. 2,317,966; Apr. 27.
- Treverson, Richard W., assignor to Trico Products Corporation, Buffalo, N. Y. Window operating mechanism. 2,328,237; Aug. 31.
- Treves, Angiolo, assignor, by mesne assignments, to Rubber & Plastics Compound Company, Inc., New York, N. Y. Reclaiming rubber waste materials. 2,325,289; July 27.
- Trevisan, Louis A., Bloomfield, N. J., assignor to American Can Company, New York, N. Y. Combination container and dispenser. 2,312,373; Mar. 2.
- Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Frequency variation response circuit. 2,312,783; Mar. 2.

- Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Noise control circuit. 2,316,902; Apr. 20.
- Trevor, Bertram, Riverhead, N. Y., assignor to Radio Corporation of America. Voltage control. 2,323,857; July 6.
- Trice, James W., Gettysburg, Pa. Display package. 2,329,565; Sept. 14.
- Trexler, Richard R. (See Moore, J. B., and Trexler.)
- Trexler, Richard R., Evanston, Ill. Liquid dispensing apparatus. 2,307,085; Jan. 5.
- Trexler, Richard R., Evanston, Ill. Liquid dispensing apparatus. 2,311,007; Feb. 16.
- Triana, Rafael, assignor to M. A. L., and L. Gersten, co-partners doing business as Gersten Brothers, New York, N. Y. Knockdown cabinet or the like. 2,323,103; June 29.
- Triangle Engineering Company. (See Atherholt, G. L., Sr., Saunders, and Graham, assignors.)
- Triangle Package Machinery Co. (See Muskat, Louis R., assignor.)
- Triangle Package Machinery Co. (See Rapp, Theodore, assignor.)
- Trible, Winthrop. (See Vancil, E. D., and Trible.)
- Trible, Winthrop, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Plugging switch. 2,331,442; Oct. 12.
- Trickson, G. E., et al. (See Carlson, James E., assignor.)
- Tri-Clover Machine Company. (See Hinrichs, Ferdinand, assignor.)
- Trico Products Corporation. (See Horton, Erwin C., assignor.)
- Trico Products Corporation. (See Horton, E. C., Mussen and Rappi, assignors.)
- Trico Products Corporation. (See Horton, E. C., and Rappi, assignors.)
- Trico Products Corporation. (See Horton, E. C., and Scinta, assignors.)
- Trico Products Corporation. (See Mussen, D. N., and Schaal, assignors.)
- Trico Products Corporation. (See Oshel, R. J., and Timm, assignors.)
- Trico Products Corporation. (See Rappi, Anton, assignor.)
- Trico Products Corporation. (See Rappi, A., and Horton, assignors.)
- Trico Products Corporation. (See Rappi, A., and Rouseau, assignors.)
- Trico Products Corporation. (See Schaal, Earl V., assignor.)
- Trico Products Corporation. (See Scinta, Anthony C., assignor.)
- Trico Products Corporation. (See Treverton, Richard W., assignor.)
- Trier, Carl L., and J. H. Livingston, 3rd, Baltimore, Md., assignors to Cherry-Burrell Corporation, Wilmington, Del. Apparatus and method for sterilizing flowing water. 2,331,618; Oct. 12.
- Trieschmann, Hans-Georg, E. Jutz, and F. Reicheneder, Ludwigshafen-on-Rhine, Germany; vested in the Alien Property Custodian. Preparation of aldehydes. 2,333,216; Nov. 2.
- Trigg, Albert G., deceased, by L. M. Trigg, London, England, administratrix. Lifting device. 2,323,500; July 6.
- Trigg, Chester S., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,319,523; May 18.
- Trigg, Lucy M., administratrix. (See Trigg, Albert G.)
- Trifix Corporation. (See McCoon, Paul L., assignor.)
- Trimbach, Clem G. (See Berlin, D. R., and Trimbach.)
- Trimbach, Clem G., Eggertsville, N. Y., assignor to Curtiss-Wright Corporation. Aircraft gun mount. 2,326,904; Aug. 17.
- Trimbach, Clem G., Eggertsville, N. Y., assignor to Curtiss-Wright Corporation. Synchronous trigger control. 2,329,668; Sept. 14.
- Trimble, Cecil M., Waukesha, Wis. Cigarette ash tray. 2,334,735; Nov. 23.
- Trimble & Fink Mfg. Co. (See Fink, Charles F., assignor.)
- Trimble, Floyd, assignor to The Quaker Oats Company, Chicago, Ill. Refining sulphate turpentine and tall oil. 2,310,046; Feb. 2.
- Trimble, Harold M., and R. R. Couch, Bartlesville, Okla., assignors to Phillips Petroleum Company. Antiknock control system. 2,315,882; Apr. 6.
- Triner Scale & Manufacturing Company. (See Brown, A. G., assignor, and Jansey.)
- Trio Curtain Co. (See Friedberg, Charles C., assignor.)
- Triple "E" Products Company. (See Hoffmann, Edward C., assignor.)
- Triplett Electrical Instrument Co., The. (See Lingel, Frederick J., assignor.)
- Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Electrical fuse. 2,309,552; Jan. 26.
- Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Switch construction. 2,316,470; Apr. 13.
- Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse construction. 2,318,817; May 11.
- Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Circuit interrupting apparatus. 2,319,276; May 18.
- Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Circuit interrupting apparatus. 2,319,277; May 18.
- Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse. 2,329,957; Sept. 21.
- Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse construction. 2,333,217; Nov. 2.
- Triplett, Hugh A., Wilmette, and S. I. Lindell, assignors to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse cutout. 2,324,044; July 13.
- Triplett, Ray L. (See Lingel, Frederick J., assignor.)
- Tripp, Ray L. (See Wenger, Floyd E., assignor.)
- Tripp, Leslie R., and M. L. Opperud, Blackwell, Okla., assignors of one-eighth to U. G. Charles and F. J. Mehl, Wichita, Kans. Hydraulic transmission. 2,333,620; Nov. 2.
- Tripp, Newell R., Joplin, Mo. Pouring can. 2,324,338; July 13.
- Triska, Joseph J., East Elmhurst, assignor to Triskalite Corporation, New York, N. Y. Producing a white, platinum-like color chromium plate and the product thereof and bath therefor. 2,307,551; Jan. 5.
- Triskalite Corporation. (See Triska, Joseph J., assignor.)
- Trist, State Co., and Cap Machinery Co. (See Pity, Albert F., assignor.)
- Tri-State Engineering Co. (See Arthur, Oscar F., assignor.)
- Tritle, John F. (See MacDonald, C., McNairy, and Tritle.)
- Tritle, John F., Erie, Pa., assignor to General Electric Co., New York, N. Y. Control system. 2,323,737; July 6.
- Triton Precision Corporation. (See Robins, Stanley J., assignor.)
- Troch, Paul, Erxleben, near Neubaldensleben, Bezirk Magdeburg, H. Voss, and E. Rabald, Mannheim-Waldhof, and H. Gélgel, Mannheim-Feudenheim, Germany, assignors, by mesne assignments, to Rare Chemicals, Inc., New York, N. Y. Stabilized metal sol and method of preparing same. 2,329,147; Sept. 7.
- Troche, Herman J. (See Kelleher, D., and Troche.)
- Troche, Herman J., Cleveland Heights, and D. Kelleher, Strongsville, assignors to The American Coach & Body Company, Cleveland, Ohio. Collapsible reel. 2,318,906; May 11.
- Trochman, Louis L., Vallejo, Calif. Pipe hanger. 2,319,832; May 25.
- Trofimov, Lev A., Willoughby, Ohio. Variable-speed power unit. 2,330,397; Sept. 28.
- Trogman, William, Chicago, Ill. Folding box. 2,312,507; Mar. 2.
- Troiel, Arthur E., Berkeley, Calif. Rod puller. 2,332,032; Oct. 19.
- Trojan Powder Company. (See Grinn, Forrest D., assignor.)
- Trojan Power Company. (See Smelling, Walter O., assignor.)
- Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Key case fastening means. 2,330,162; Sept. 21.
- Trolley Isaac. (See Bateman, F. H., and Trolley.)
- Trombetta, Panfilo, Milwaukee, Wis. Electromagnetically operated system. 2,311,890; Feb. 23.
- Trombetta, Panfilo, Milwaukee, Wis. Reciprocating electric motor. 2,337,430; Dec. 21.
- Trommsdorff, Ernest. (See Kauter, C. T., and Trommsdorff.)
- Trommsdorff, Ernest, Darmstadt, Germany, assignor to Röhm & Haas Company, Philadelphia, Pa. Sizing of paper. 2,315,675; Apr. 6.
- Trommsdorff, Ernest, and G. Abel, Darmstadt, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa. Polymerizing methacrylic acid. 2,326,078; Aug. 3.
- Tromp, Klaas F., Kerkrade, Limburg, Netherlands; vested in the Alien Property Custodian. Apparatus for indicating and adjusting the specific gravity of suspensions. 2,332,953; Oct. 26.
- Tropic-Aire, Incorporated. (See Caesar, O. S., and Monroe, assignors.)
- Tropic-Aire, Incorporated. (See Will, Carl H., assignor.)
- Tropic-Aire Incorporated. (See Will, C. H., and Monroe, assignors.)
- Troop Chair Co. (See Beeskov, Albert, assignor.)
- Troppman, Fred G. (See Guirl, H. F., and Troppman.)
- Trosch, Alfred, Brighton, assignor to Consolidated Machine Tool Corporation, Rochester, N. Y. Boring mill. 2,324,180; July 13.
- Trosch, Alfred, Brighton, and W. J. F. Forward, assignors to Consolidated Machine Tool Corporation, Rochester, N. Y. Vertical boring mill. 2,330,529; Sept. 28.
- Trösken, Otto. (See Moeller, A., Tochtermann, and Trösken.)
- Trösken, Otto. (See Zerweck, W., and Trösken.)
- Trost, Gustave A., assignor to Fleischhacker Paper Box Company, San Francisco, Calif. Collapsible container. 2,331,582; Oct. 12.
- Trostler, Fredrick, London, England, assignor to The Sink and Float Corporation, New York, N. Y. Separation of solid materials of different specific gravities. 2,333,347; Nov. 2.

- Troth, John T., St. Davids, Pa. Ship propulsion. 2,330,764; Sept. 28.
- Trott, Eleanor J., executrix. (See Trott, Rolland S.)
- Trott, Rolland S., deceased, Denver, Colo.; E. J. Trott, executrix. Engine mounting. Re. 22,403; Dec. 7.
- Trotta, James, New York, N. Y. Magneto-electric shocking machine. 2,336,426; Dec. 7.
- Trotter, John C., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Attachment for machine gun cradles. 2,309,867; Feb. 2.
- Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Twin gun mount. 2,309,808; Feb. 2.
- Trotter, John C., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Mount for machine guns. 2,318,130; May 4.
- Trotter, John C., Williamsville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,323,430; July 6.
- Trotter, John C., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Machine gun supporting device. 2,334,152; Nov. 9.
- Trotter, John C., Williamsville, and J. L. Jewett, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Ordnance. 2,329,308; Sept. 14.
- Trotter, John C., and J. E. Schoellkopf, IV, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Recoil dampener. 2,323,268; Nov. 2.
- TROUTMAN, Mona G. (See Kirsten, Kurt F. J., assignor.)
- Trow, Richard F., Lawrenceville, Ill., assignor to The Texas Company, New York, N. Y. Combination catalytic and thermal cracking. 2,335,551; Nov. 30.
- Trowell, William W., Greenville, S. C., assignor to Hercules Powder Company, Wilmington, Del. Finishing tubes. 2,317,493; Apr. 27.
- Trowell, William W., Greenville, S. C., assignor to Hercules Powder Company, Wilmington, Del. Printing composition. 2,332,121; Oct. 19.
- Troxel Manufacturing Company, The. (See Kalter, Harold E., assignor.)
- Troxler, Bernhart, Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Apparatus for the manufacture of smokeless powder. 2,316,195; Apr. 13.
- Troxler, Charles C., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,328,238; Aug. 31.
- Troxler, Paul D. (See Moat, H. L., and Troxler.)
- Troy, Constantine T., Towanda, Pa. Leather grading machine. 2,319,833; May 25.
- Troy, Matthew O., Schenectady, N. Y., assignor to General Electric Company. Stationary induction apparatus. 2,314,912; Mar. 30.
- Troy, Max, New York, N. Y. Laundry machinery. 2,320,488; June 1.
- Troyer, John S., Moyock, N. C. Poultry feeder. 2,321,877; June 15.
- Truby, Harry A., New Kensington, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass and making the same. 2,313,685; Mar. 9.
- Truckness, David E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alarm circuit. 2,326,313; Aug. 10.
- True, Charles W. (See Plaut, H. F., Barrott, and True.)
- True, Harry A., assignor to Board of Trustees of College of Physicians and Surgeons, San Francisco, Calif. Dental separator. 2,311,141; Feb. 16.
- Truebe, Carl E., Saybrook, G. S. Shahovskoy, Essex, and J. Levy, New Haven assignors to Ernst Biscoff Company, Inc., Ivoryton Conn. Organic chemical product. 2,319,094; May 11.
- Truedson, Edward M., Inglewood, Calif. Lawn sprinkler. 2,315,911; Apr. 6.
- Trueman, Alfred. (See Patterson, R. R., and Trueman.)
- Truesdail, John H., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn apparatus. 2,333,278; Nov. 2.
- Truesdail, John H., Richmond, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn handling. 2,333,279; Nov. 2.
- Truesdale, Melville D., Stamford, Conn. Fruit peel press. 2,312,940; Mar. 2.
- True-Vue, Inc. (See Mast, Gifford M., assignor.)
- True-Vue Optical Co. (See Dunkelsberg, Samuel, assignor.)
- Truman, Orley H., Salt Lake City, Utah. Apparatus for amplifying and measuring small displacements. 2,316,915; Apr. 20.
- Trumbower, Walter G. (See Weigmann, E. C., Trumbower, and Trumbower.)
- Trumbower, Walter G., Glenside, assignor to The Brown Instrument Company, Philadelphia, Pa. Integrating mechanism. 2,332,954; Oct. 26.
- Trumbull Electric Manufacturing Company, The. (See De Mask, Martin J., assignor.)
- Trumbull Electric Manufacturing Company, The. (See Du Bois, Kenneth W., assignor.)
- Trumbull Electric Manufacturing Company, The. (See Harvey, Frank, assignor.)
- Trumbull Electric Manufacturing Company. (See Rowe, Raymond N., assignor.)
- Trumbull Manufacturing Company, The. (See Anderson, William A., assignor.)
- Trumbull, Walter M., Newark, and L. F. Coombs, Bloomfield, N. J., assignors to Radio Corporation of America. Cathode assembly. 2,335,818; Nov. 30.
- Trump, Frederick O., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Cooling apparatus. 2,315,829; Apr. 6.
- Truscon Steel Company. (See Bianco, Henry, assignor.)
- Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Ring binder. 2,321,558; June 8.
- Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Ring binder. 2,321,559; June 8.
- Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Ring binder. 2,321,560; June 8.
- Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Ring binder. 2,322,176; June 15.
- Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Binder. 2,322,177; June 15.
- Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Ring binder. 2,323,285; June 29.
- Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Ring binder. 2,324,460; July 6.
- Trussell Manufacturing Company. (See Trussell, Clarence D., assignor.)
- Trust Company of Georgia, et al., executors. (See Walker, R. M. and Alexander.)
- Tryfus, Frederic, Forest Hills, N. Y. Producing dental work. 2,335,833; Nov. 9.
- Tryon, Edw. K., Company. (See Willits, Leland R., assignor.)
- Tryon, Henry C., assignor to D. Napier & Son Limited, London, England. Tank for use in aircraft. 2,316,729; Apr. 13.
- Tryon, Philip F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Process and composition for the preparation of reflecting surfaces. 2,315,141; Mar. 30.
- Tryon, Philip F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Production of hydroxylammonium sulphate. 2,322,958; June 29.
- Tryon, Philip F., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Salts of sulphamic acids. 2,337,693; Dec. 28.
- Tryon, Russell, Montclair, N. J., and W. B. Hirsch, Cedarhurst, N. Y., assignors to Transgraph Corporation. Shading film. 2,308,900; Jan. 10.
- Tryon, Sager. (See Pearson, J. H., and Tryon.)
- Tryon, William A., Geneva, assignor to Tryer Products, Incorporated, Elmira, N. Y. Production of gears or the like. 2,325,959; Aug. 3.
- Tscheche, Rudolf, Berlin-Wilmersdorf, and K. Bohle, Berlin-Lichterfelde, Germany, assignors to Schering Corporation, Bloomfield, N. J. Process for the manufacture of p,p'-diamino-diphenyl-sulphone and its mono-amino derivatives. 2,331,009; Oct. 5.
- Teichner, Frederick, assignor to Medford Engineering Co., Medford, N. J. Preparing a calcined non-slaking dolomitic material for removing carbon dioxide from water. 2,317,961; Apr. 27.
- Tsipkin, Matvey S., Leningrad, Union of The Soviet Socialist Republics. Electromagnetic telephone relay. 2,337,694; Dec. 28.
- Tubbs, Ernest A., Long Island City, N. Y., assignor to National Television and Manufacturing Corporation. Voltage regulation and supply. 2,318,644; May 11.
- Tubbs, Harry, Owego, N. Y. File. 2,315,749; Apr. 6.
- Tubbs, Ira I., assignor to M. L. Tubbs, Mount Vernon, Iowa, as trustee. Valve. 2,318,115; May 4.
- Tubbs, Ira I., assignor to Margaret L. Tubbs, Mount Vernon, Iowa, as trustee. Shoe sole. 2,330,458; Sept. 28.
- Tubbs, Lester G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,318,116; May 4.
- Tubbs, Margaret L., trustee. (See Tubbs, Ira I., assignor.)
- Tubbs, Orville, Chicago, Ill. Dipping equipment. 2,314,467; Mar. 23.
- Tubize Chatillon Corporation. (See Cooper, Wilfred B., assignor.)
- Tubize Chatillon Corporation. (See Denyes, Russell O., assignor.)
- Tubize Chatillon Corporation. (See Denyes, R. O., and Allen, assignors.)
- Tubular Rivet & Stud Company. (See Miller, Paul A., assignor.)
- Tuchscherer, Karl P., Chemnitz, J. E. Kunze, Hohenstein-Ernstthal, and R. O. Harnack, Oberlungwitz, Germany, vested in the Alien Property Custodian. Thread carrier bar. 2,308,661; Jan. 19.
- Tuck, Davis H., Redding Ridge, Conn., assignor to Holophane Company, Inc., New York, N. Y. Combined building walls and lighting equipment. 2,330,935; Oct. 2.
- Tuck, Davis H., Redding Ridge, Conn., and R. W. Stanley, Jersey City, N. J., assignors to Holophane Company, Inc., New York, N. Y. Lighting system. 2,307,247; Jan. 5.
- Tucker, Annie S. (See Tucker, Joseph B., assignor.)

- Tucker, Arthur E., Schenectady, N. Y., and G. S. Gunnison, Jersey City, N. J., assignors to Consolidated Car Heating Company, Inc., Albany, N. Y. Actuator for track sanders. 2,325,441; July 27.
- Tucker, Elton B., Highland, Ind., and H. M. Grubb, assignors to Standard Oil Company, Chicago, Ill. Coating mineral aggregates. 2,314,111; Mar. 16.
- Tucker, George G., Jr. (See Howsam, H. C., and Tucker.)
- Tucker, George G., Jr., Berwyn, assignor to Hubbard Spool Company, Chicago, Ill. Spool. 2,316,028; Apr. 6.
- Tucker, G. S. (See Hill, Rolo D., assignor.)
- Tucker, Harold, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polyvinyl halide composition. 2,316,196; Apr. 13.
- Tucker, Harold, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polyvinyl halide composition. 2,316,197; Apr. 13.
- Tucker, Harold, Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polyvinyl halide composition. 2,333,280; Nov. 2.
- Tucker, Herbert E. (See Hall, Joseph M.)
- Tucker, Irving, Merrick, N. Y. Combination head and neck covering device. 2,313,458; Mar. 9.
- Tucker, Jesse L., and G. M. Lamm, Newark, assignors, by mesne assignments, to Owens-Corning Fiberglass Corporation, Toledo, Ohio. Apparatus for manufacturing silvers. 2,314,857; Mar. 23.
- Tucker, Joseph B., Houston, Tex., assignor to Annie Smith Tucker. Screen cleaner. 2,333,348; Nov. 2.
- Tucker, Lee S. (See Strauss, A., and Tucker.)
- Tucker, Nathaniel B., Glendale, Ohio. Surface active compounds. 2,329,166; Sept. 7.
- Tucker, Nathaniel B., Glendale, assignor to The Procter & Gamble Company, Ivorydale, Ohio. Process and composition for softening hard water. 2,311,008; Feb. 16.
- Tucker, Nathaniel B., Glendale, assignor to The Procter & Gamble Company, Ivorydale, Ohio. High molecular weight surface active amines. 2,334,517; Nov. 16.
- Tucker, Roland E. (See Hepner, L. H., and Tucker.)
- Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Turret control. 2,309,998; Feb. 2.
- Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Rotary valve. 2,312,941; Mar. 2.
- Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Full automatic press control. 2,316,471; Apr. 13.
- Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Hydraulic brake. 2,317,563; Apr. 27.
- Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Apparatus for injection molding thermosetting compounds. 2,318,031; May 4.
- Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Apparatus and method for injection molding. 2,319,482; May 18.
- Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Injection unit. 2,322,200; June 15.
- Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corporation, Inc., Wilmington, Del. Turret control. 2,325,348; July 27.
- Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Injection molding machine. 2,327,227; Aug. 17.
- Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Molding large bodies. 2,332,678; Oct. 26.
- Tucker, Warren, Dayton, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Injection molding. 2,332,679; Oct. 26.
- Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Two color injection die. 2,333,059; Oct. 26.
- Tucker, Warren R., Dayton, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Vertical injection press. 2,333,601; Nov. 2.
- Tucker, Warren R., Dayton, and G. A. Waldie, Miamisburg, Ohio, assignors to The Hydraulic Development Corporation, Inc., Wilmington, Del. Fluid pressure intensifier. 2,336,446; Dec. 7.
- Tucker, William M. (See Nadeau, G. F., and Tucker.)
- Tuckerman, F. F., Washington, D. C., assignor to Federal Telephone and Radio Corporation, Newark, N. J. Peak limiting amplifier. 2,331,360; Oct. 12.
- Tuerck, Karl H. W. (See Staender, H. P., and Tuerck.)
- Tuerck, Karl H. W., Banstead, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of vinyl esters. 2,316,472; Apr. 13.
- Tuft, Miles H., assignor to Deere & Company, Moline, Ill. Rod weeder. 2,322,328; June 22.
- Tuft, Miles H., assignor to Deere & Company, Moline, Ill. Cultivator. 2,332,616; Oct. 26.
- Tuft, Miles H., Ottumwa, Iowa, and C. T. Rasmussen, assignors to Deere & Company, Moline, Ill. Rod weeder bearing. 2,332,617; Oct. 26.
- Tufts, Robert B., Atlanta, Ga. Pavement joint. 2,311,286; Feb. 16.
- Tullen, Ture S., Beverly Hills, Calif., assignor to John-Manville Corporation, New York, N. Y. Pipe covering. 2,324,181; July 13.
- Tull, Alan G., Purley, assignor to Latta Syndicate Limited, London, England. Production of colored photographic images. 2,318,815; May 11.
- Tull, Alan, assignor to Latta Syndicate Limited, London, England. Color photography. 2,320,108; May 25.
- Tull, Alan G., Purley, assignor to Latta Syndicate Limited, London, England. Production of photographic color images. 2,320,109; May 25.
- Tull, Alan G., Purley, assignor to Latta Syndicate Limited, London, England. Color photography and cinematography. 2,328,368; Aug. 31.
- Tull, Alan G., Purley, assignor to Latta Syndicate Limited, London, England. Photographic material for color photography. 2,336,902; Dec. 14.
- Tull, Robert H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,310,477; Feb. 9.
- Tullar, Benjamin F. (See Kamm, W. F., and Tullar.)
- Tulleners, Anton J., Long Beach, assignor to Shell Development Company, San Francisco, Calif. Manufacture of higher alcohols. 2,326,505; Aug. 10.
- Tullis, Boyd W., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Burner assembly for ranges. 2,321,169; June 8.
- Tully, Francis W., Brookline, Mass. Cleansing article. 2,308,405; Jan. 12.
- Tully, James K. (See Parke, P., Tully, Andersen, and Jones.)
- Tully, James K., Evanston, and B. E. Jones, Flossmoor, assignors to The Pullman Company, Chicago, Ill. Washbasin. 2,315,233; Mar. 30.
- Tully, Thomas J. (See Zimmerman, O. S., and Tully.)
- Tuma, James L., Chicago, Ill. Swimming appliance. 2,313,979; Mar. 16.
- Tumbler, Joseph A., Baltimore, Md. Polish. 2,335,324; Nov. 30.
- Tummel, Arthur B., Coconut Grove, Fla. Chimney hatch. 2,311,915; Feb. 23.
- Tummins, Samuel H., Houston, Tex. Siding tie. 2,308,129; Jan. 12.
- Tummins, Samuel H., Houston, Tex. Wallboard fastener. 2,314,658; Mar. 23.
- Tummins, Samuel H., Houston, Tex. Wallboard fastener. 2,326,506; Aug. 10.
- Tung-Sol Lamp Works Inc. (See Curtis, Lorin W., assignor.)
- Tung-Sol Lamp Works Inc. (See Leuthold, Edgar J., assignor.)
- Tung-Sol Lamp Works Inc. (See Mathias, P. V., and Mundel, assignors.)
- Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Ultra short wave apparatus. 2,337,214; Dec. 21.
- Tunke, Paul F., Ridgewood, N. Y. Therapeutic device. 2,313,282; Mar. 9.
- Tunno, Emanuele, et al. (See Morfy, Patsey, assignor.)
- Turbett, Forrest L., Joplin, Mo., assignor to The Eagle-Picher Lead Company, Cincinnati, Ohio. Wetting and dispersion of pigments. 2,323,877; July 6.
- Turbo-Mixer Corporation, The. (See MacLean, Gordon, assignor.)
- Turbo-Mixer Corporation, The. (See Moul, J. E., and Petry, assignors.)
- Turchan, Manuel, Dearborn, and C. Walker, Detroit, Mich. Hydraulic duplicating lathe attachment. 2,313,849; Mar. 16.
- Turchan, Manuel, Dearborn, and C. Walker, Detroit, Mich. Profiling and contouring tracer. 2,331,817; Oct. 12.
- Turchin, Isador, Brooklyn, N. Y. Headgear. 2,312,606; Mar. 2.
- Turck, Joseph A. V., Jr., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Organic material and the preparation thereof. 2,309,483; Jan. 26.
- Turck, Joseph A. V., Wilmette, assignor to Felt & Tarrant Manufacturing Company, Chicago, Ill. Calculating machine. 2,318,464; Mar. 30.
- Turco, Giosuè, Rome, Italy; vested in the Alien Property Custodian. Pressure control device. 2,308,944; Jan. 19.
- Turco Products, Inc. (See Hunter, Donald P., assignor.)
- Turco Products, Inc. (See Ring, Vern O., assignor.)
- Turcotte, John E., Worcester, Mass. Attachment for converting dry twistlers into wet twistlers. 2,320,956; July 1.
- Turechek, George F., assignor to Lane-Wells Company, Los Angeles, Calif. Bullet retainer means for gun perforators. 2,313,402; Mar. 9.
- Turechek, George F., assignor to Lane-Wells Company, Los Angeles, Calif. Gun perforator. 2,328,308; Aug. 31.
- Turechek, George F., assignor to Lane-Wells Company, Los Angeles, Calif. Method and apparatus for perforating well casing by gunfire. 2,336,819; Dec. 14.
- Turechek, George F., and Lloyd Spencer, assignors to Lane-Wells Company, Los Angeles, Calif. Firing head for gun perforators. 2,328,309; Aug. 31.

- Turner, James R., Berwyn, and C. Bolling, assignors to Crane Co., Chicago, Ill. Shower head. 2,316,135; Apr. 6.
- Turner, Wilfred J., Fayville, Mass. Thermostatic switch. 2,317,828; Apr. 27.
- Turene, Wilfred J., Fayville, Mass., assignor to Inter-type Corporation, Brooklyn, N. Y. Typographical slug casting machine. 2,315,234; Mar. 30.
- Turkovich, John, Princeton, N. J., assignor to Process Management Company, Inc., Wilmington, Del. Hydrocarbon conversion. 2,307,715; Jan. 5.
- Turkovich, John, Princeton, N. J., assignor to Process Management Company, Inc., Wilmington, Del. Hydrocarbon conversion. 2,325,045; July 2.
- Turnbull, Norman K., Pitman, N. J., and H. Smith, Southampton, Pa. Firing mechanism. 2,331,942; Oct. 19.
- Turnbull, Norris, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Isomerization of dihydronaphthalenes. 2,316,136; Apr. 6.
- Turnbull, Robert, Camberwell, Victoria, Australia. Rotary clothesline. 2,334,518; Nov. 16.
- Turner, Alfred H., Collingswood, N. J., assignor to Radio Corporation of America. Radioacoustic apparatus. 2,311,491; Feb. 16.
- Turner, Alfred W., Philadelphia, and T. V. Greene, Upper Darby, Pa., assignors to Exercycle Corporation, New York, N. Y. Exercising apparatus. 2,320,489; June 1.
- Turner, Basil S., and M. B. Arisman, assignors to Chicago Telephone Supply Company, Elkhart, Ind. Combination rheostat and switch. 2,320,837; June 1.
- Turner, Channing, New Canaan, Conn., and B. J. Brady, Yonkers, N. Y., assignors to Alfol Insulation Company, Inc. Heat insulating material. 2,312,301; Mar. 2.
- Turner, Charles S., assignor to The Detroit Edison Company, Detroit, Mich. Superheating flash boiler. 2,327,750; Aug. 24.
- Turner, Charles W., and E. P. Reineke, Columbia, assignors to American Dairies, Inc., Kansas City, Mo., and to The Quaker Oats Company, Chicago, Ill. Thyroprotein and making the same. 2,329,445; Sept. 14.
- Turner, Chester D., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe and making shoes. 2,313,902; Mar. 16.
- Turner, Chester D., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe and shoe bottom unit and method of making the same. 2,321,713; June 15.
- Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. Electromagnetic recording mechanism. 2,322,243; June 22.
- Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. Apparatus for echo distance measurement. 2,322,264; June 22.
- Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. Magnetostrictive oscillator. 2,332,541; Oct. 26.
- Turner, Elmer T. (See Shuman, Frank D., assignor.)
- Turner, Gordon J. (See Riddell, Leo H., assignor.)
- Turner, Guilford S., Berwyn, assignor to Morris B. Brewer Co., Chicago, Ill. Control mechanism for locomotive Sanders. 2,333,060; Oct. 26.
- Turner, Gordon J. (See Riddell, Leo H., assignor.)
- Turner, Harold H., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Governor. 2,307,974; Jan. 12.
- Turner, Harold H., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Fluid-pressure operated mechanism. 2,321,264; June 8.
- Turner, Harold K., Greenville, S. C. Bobbin stripper. 2,313,735; Mar. 16.
- Turner, Harriet C., and J. H. McGann, Los Angeles, Calif. Garment hanger. 2,329,958; Sept. 21.
- Turner, Henry C., Manchester, and E. A. Fielding, Oldham, assignors to The General Electric Company Limited, London, England. Measurement or indication of the thickness of thin sheets, coatings, and the like. 2,307,649; Jan. 6.
- Turner, Herbert Jr., Boscobel, Wis. Reduction crusher. 2,325,719; Aug. 3.
- Turner, James H. (See Welch, Russel, assignor.)
- Turner, Luther B., Roselle Park, N. J., assignor, by mesne assignments, to Jasco, Incorporated. The polymerization of isobutylene containing material at low temperatures. 2,317,868; Apr. 27.
- Turner & Newall Limited. (See Cann, John A., assignor.)
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Protector finger for looms. 2,316,473; Apr. 13.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Guard for paper indicated dobblers. 2,317,564; Apr. 27.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pneumatic thread holder for looms. 2,326,905; Aug. 17.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread control on automatic loom. 2,331,559; Oct. 12.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pick and pick loom. 2,333,904; Nov. 9.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread control for weft replenishing looms. 2,336,320; Dec. 7.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread placer for weft replenishing looms. 2,336,321; Dec. 7.
- Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Beat-up mechanism for looms. 2,337,431; Dec. 21.
- Turner, Robert S., Oklahoma City, Okla. Bus seat securing means. 2,311,791; Feb. 23.
- Turner, Robert S., Oklahoma City, Okla. Bus seat securing means. 2,327,003; Aug. 17.
- Turner, Robert S., Oklahoma City, Okla. Seat or chair securing means. 2,331,060; Oct. 5.
- Turner & Seymour Manufacturing Co., The. (See Froelich, Gustave H., assignor.)
- Turner Tanning Machinery Company, The. (See Schettler, Gustav A., assignor.)
- Turner, Thomas E., Mounds, Okla. Heating device. 2,333,753; Nov. 9.
- Turner, Thomas G., assignor to The Monarch Marking System Company, Dayton, Ohio. Machine for marking price tags. 2,328,934; Sept. 7.
- Turner, Wellmore B., executor, et al. (See Sherman, John Q., assignor.)
- Turner, Wellmore B., et al., executor. (See Sherman, J. Q., and Metzner.)
- Turner, Wellmore B., et al., executors. (See Sherman, J. Q., and Metzner (assignor).)
- Turner, William A., Mount Lebanon Township, Allegheny County, Pa., assignor to The McLain Fire Brick Company. Manufacture of hot tops. 2,335,622; Nov. 30.
- Turner, William E. (See Boh, G. W., and Turner.)
- Turner, William E., Summerville, Ga. Liquid dispenser. 2,324,965; July 20.
- Turner, William E., assignor to O. B. Andrews Company, Chattanooga, Tenn. Sectional bottle carrier. 2,320,315; May 25.
- Turners Asbestos Cement Company Limited. (See Har-rap, Eric R., assignor.)
- Turnock, Joseph E., Riverton, N. J., and J. E. Kirk, Philadelphia, Pa. Truck for explosives. 2,309,145; Jan. 26.
- Turnock, Joseph E., Riverton, N. J., and G. D. Noble, Philadelphia, Pa. Machine for acting on cartridge cases. 2,325,642; Aug. 3.
- Turpan, James, Paterson, N. J. Trap. 2,311,490; Feb. 16.
- Turrold, Fernand, Bellevue-Geneva, assignor to Societe Genevoise d'Instruments de Physique, Geneva, Switzerland. Precision machine tool. 2,311,142; Feb. 16.
- Turski, Michael A., Buffalo, N. Y. Heated shoe press pad. 2,326,985; Aug. 17.
- Turton, Robert S., Huntington Park, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Forming machine. 2,310,498; Feb. 9.
- Tusting, Thomas R. (See Gibbs, G. M., and Tusting.)
- Tuthill, Howard B., assignor to Oliver Machinery Company, Grand Rapids, Mich. Label attaching machine. 2,329,669; Sept. 14.
- Tuthill, Howard B., and H. F. Caldwell, assignors, by mesne assignments, to Oliver Machinery Company, Grand Rapids, Mich. Wrapping machine. 2,310,719; Feb. 9.
- Tuthill, L. E., Inc. (See Tuthill, Leslie E., assignor.)
- Tuthill, Leslie E., assignor to L. E. Tuthill, Inc., Seattle, Wash. Mineral jig. 2,328,402; Aug. 31.
- Tuttle, Charles F., Richmond, assignor to Standard Oil Company of California, San Francisco, Calif. Swaging tool for tubes. 2,307,432; Jan. 5.
- Tuttle, Edwin F., Jr. (See Klinkenstein, G., Frey, and Tuttle.)
- Tuttle, George A. (See Hansen, Lee R., assignor.)
- Tuttle, Clifton M., and W. Bornemann, assignors to Eastman Kodak Company, Rochester, N. Y. Densitometer. 2,311,101; Feb. 16.
- Tuttle, Fordyce E., and J. Stoiber, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic printing apparatus. 2,324,121; July 13.
- Tuttle, John N., Philadelphia, assignor to The Glassine Paper Company, West Conshohocken, Pa. Paper laminating machine. 2,330,530; Sept. 28.
- Tuttle & Kift, Inc. (See Tuttle, William R., assignor.)
- Tuttle & Kift, Inc. (See Tuttle, W. R., and Ewald, assignors.)
- Tuttle, Malcolm H., New Rochelle, N. Y., assignor to Max B. Miller & Co., Inc., New York, N. Y. Coking petroleum residues or the like. 2,314,112; Mar. 16.
- Tuttle, Malcolm H., New Rochelle, assignor to Max B. Miller & Co., Inc., New York, N. Y. Distilling petroleum residues or the like. 2,323,501; July 6.
- Tuttle, Wainwright, Madison, N. J., assignor to Bridgeport Brass Company, Bridgeport, Conn. Radiator air valve. 2,334,047; Nov. 9.
- Tuttle, William G., Oakland, Calif. Derrick frame. 2,319,893; May 25.
- Tuttle, William R., Elma, Wash. Grain conveyer and storage tank. 2,320,642; Sept. 28.
- Tuttle, William R., Riverside, assignor to Tuttle & Kift, Inc., Chicago, Ill. Electric heater control. 2,317,967; Apr. 27.

- Tuttle, William R., and C. W. Stickel, assignors to The Kurlash Company, Inc., Rochester, N. Y. Eyelash curler. 2,314,375; Mar. 23.
- Tuttle, William R., and C. W. Stickel, assignors to The Kurlash Company, Inc., Rochester, N. Y. Eyelash curler. 2,314,376; Mar. 23.
- Tuttle, William R., Riverside, and F. J. Ewald, Elmhurst, assignors to Tuttle & Kift, Inc., Chicago, Ill. Heating unit assembly. 2,328,113; Aug. 31.
- Tuttle, William R., and Charles W. Stickel, assignors to The Kurlash Company, Inc., Rochester, N. Y. Display container. 2,331,361; Oct. 12.
- Tutton, Fred S., Fort Worth, Tex. System and apparatus for flowing wells. 2,307,171; Jan. 5.
- Tuwiner, Sidney B. (See Osborn, W. H., Tuwiner, and Smith.)
- Twicky, Francis, Chicago, Ill. Hingedly mounted telephone accessory shelf. 2,328,310; Aug. 31.
- Tweedale, Ralph L. (See Finlayson, W. G., Twyman, and Tweedale.)
- Tweedale, Ralph L. (See Harrington, F. T., and Tweedale.)
- Tweedie, Charles, Jefferson City, Mo. Shoe. 2,330,459; Sept. 28.
- Tweit, Olav M., Mountain Lakes, N. J., assignor to Sweet-Solvay Engineering Corporation, New York, N. Y. Coke oven battery. 2,309,028; Jan. 19.
- Twentieth Century-Fox Film Corporation. (See Clark, D. B., and Laube, assignors.)
- Twentieth Century-Fox Film Corporation. (See Laube, G., and Stevens, assignors.)
- Twentieth Century-Fox Film Corporation. (See Lavin, John M., assignor.)
- Twentieth Century-Fox Film Corporation. (See Wood, Francis G., assignor.)
- Twin Coach Company. (See Pageol, William B., assignor.)
- Twin Disc Clutch Company. (See Adamson, N. F., assignor.)
- Twin Disc Clutch Company. (See Schaeffer, R. M., and Shurts, assignors.)
- Twinkle Toes, Inc. (See Masterson, John F., assignor.)
- Twiss, Douglas F., S. Coldfield, and P. H. Amphlett, Erdington, Birmingham, assignors to Dunlop Rubber Company Limited, London, England. Production of goods of or containing rubber or similar material. 2,321,967; June 15.
- Twiss, Douglas F., Sutton Coldfield, and P. H. Amphlett, Erdington, Birmingham, England, assignors to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Production of goods of or containing rubber or similar material. 2,331,519; Oct. 12.
- Twiss, Frank B., Taunton, Mass. Windshield wiper. 2,336,377; Dec. 7.
- Two States Drilling Company. (See Rodgers, Arthur L., assignor.)
- Twyman, L. Raymond, Bloomfield Township, Oakland County, assignor to Vickers Incorporated, Detroit, Mich. Sealing means. 2,327,293; Aug. 17.
- Twyman, Raymond. (See Finlayson, W. G., Twyman, and Tweedale.)
- Twynning, Robert V., assignor to J. C. Miller Company, Grand Rapids, Mich. Polishing wheel and treatment. 2,331,583; Oct. 12.
- Twynning, Vernon J., F. G. Cyrex, and A. H. Losey, assignors to J. C. Miller Company, Grand Rapids, Mich. Buffing wheel. 2,309,553; Jan. 26.
- Tyerman, William, Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Treatment of methylamines. 2,310,478; Feb. 9.
- Tyler, Clarence W. (See Saurer, C., and Tyler.)
- Tyler, Clail E., Hattiesburg, Miss., and H. R. Monfort, assignors to Hercules Powder Company, Wilmington, Del. Reburning polymerized rosin and polymerized rosin esters. 2,329,566; Sept. 14.
- Tyler, Ernest, Daisytown, Pa. Pick handle protector. 2,322,178; June 15.
- Tyler Fixture Corporation. (See Shreve, Clifford B., assignor.)
- Tyler, Guy R., Akron, Ohio. Stirrer for food cookers. 2,311,586; Feb. 16.
- Tyler, Herman C., and J. H. McElroy, Lemoore, Calif. Cotton thinning device. 2,307,310; Jan. 5.
- Tyler, John D., Nashville, Tenn. Variable speed pulley. 2,321,438; June 8.
- Tyler, John M., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Flexible support. 2,317,500; Apr. 27.
- Tyler, John M., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Friction damped engine mount. 2,317,501; Apr. 27.
- Tyler Laboratories, Incorporated. (See Russell, A. W., and Witte, assignors.)
- Tyler, Paul J. et al. (See Robinson, Mayes R., assignor.)
- Tyler, Tracy B. (See Aspinwall, R. B., and Tyler.)
- Tyler, Tracy Brooks, Chicago, Ill., assignor to The Monopower Corporation, Detroit, Mich. Speed responsive fluid control means. 2,325,814; Aug. 3.
- Tyler, W. S., Company, The. (See Clark, Dudley B., assignor.)
- Tyler, Warren C., Phoenix, Ariz. Flexible coupling. 2,310,329; Feb. 9.
- Tyler, Warren C., Huntington Park, Calif. Compressor. 2,321,781; June 15.
- Tymann, Henry. (See Schuler, G., and Tymann.)
- Tyndall, Thomas N., Yosemite National Park, Calif., assignor of forty-five per cent to B. W. Blair, Bronxville, and ten per cent to J. L. Lamia, Flushing, N. Y. Knapsack construction. 2,314,293; Mar. 16.
- Tyrrill, Emmet R., Youngstown, Ohio, assignor to The Fessler Machine Company, Sharon, Pa. Strip uncoupler. 2,321,878; June 15.
- Tyrrill, Emmet R., Youngstown, Ohio, assignor to Fessler Machine Company, Sharon, Pa. Apparatus for supplying strip. 2,326,079; Aug. 3.
- Tyskewicz, John P. (See Bourne, R. B., and Tyskewicz.)
- Tyson, Benjamin F. (See Freeman, R. L., and Tyson.)
- Tyson, Charles W. (See Hemminger, C. E., and Tyson.)
- Tyson, Charles W., Summit, N. J., assignor to Standard Oil Development Company. Regeneration of powder. 2,322,075; June 15.
- Tyson, Charles W., and E. V. Murphree, Summit, and G. M. Fischer, Westfield, N. J., assignors to Standard Oil Development Company. Cracking oils. 2,311,318; Feb. 16.
- Tyson, Harry, Brooklyn, N. Y. Road grooving machine. 2,311,891; Feb. 23.
- Tyson, Levi D., Elkhart, Ind., assignor to International Machine Tool Corporation. Thermostatic controls for machine tools. 2,312,291; Feb. 23.
- Tyson, Levi D., Elkhart, Ind., assignor to International Machine Tool Corporation. Thermostatic cooling controls. 2,312,292; Feb. 23.
- Tzu Li, Yao, (See Draper, C. S., Lancer, Jr., and Tzu Li.)
- Ubbelohde, Leo, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Cellulose product. 2,322,981; June 29.
- Udale, Stanley M. (See Holley, G. M., Olson, and Udale.)
- Udale, Stanley M., Detroit, Mich., assignor to G. M. Holley and E. Holley. Ignition timer. 2,309,226; Jan. 26.
- Udale, Stanley M., Detroit, Mich., assignor to G. M. Holley and E. Holley. Power control. 2,313,283; Mar. 9.
- Udale, Stanley M., Detroit, Mich., assignor to George M. Holley and Earl Holley. Governor. 2,315,912; Apr. 6.
- Udale, Stanley M., Detroit, Mich., assignor to George M. and Earl Holley. Control for fuel supplies. 2,316,300; Apr. 13.
- Udale, Stanley M., Detroit, Mich., assignor to G. M. Holley and E. Holley. Variable valve timing device. 2,322,280; Oct. 19.
- Udall, Phillip A., New York, N. Y. Ski binding. 2,308,252; Jan. 12.
- Uddenborg, Johan R., Chicago, Ill. Traction wheel. 2,315,883; Apr. 6.
- Uddenborg, Johan R., Chicago, Ill. Shoe tree. 2,320,490; June 1.
- Udy, Marvin J., Niagara Falls, N. Y. Chromium recovery. 2,332,415; Oct. 13.
- Udylite Corporation, The. (See Brown, Henry, assignor.)
- Udylite Corporation, The. (See Davis, John V., assignor.)
- Uecker, Otto E., assignor to A. O. Smith Corporation, Milwaukee, Wis. Glass lined hot water tank. 2,322,488; June 22.
- Ufer, Hanns. (See V. Beck, B., Ufer, and Kleiner.)
- Ufer, Hanns., Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. High-molecular compounds of the polyamide type and producing same. 2,333,752; Nov. 9.
- Uffelmann, Walter, Toronto, Ontario, Canada, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Crash pad for airplanes. 2,332,357; Oct. 19.
- Uffelmann, Emil, Hamm, Germany; vested in the Alien Property Custodian. Lining for rope- and driving pulleys. 2,330,643; Sept. 28.
- Uffinger, Josef. (See Ewald, W., Paschen, and Uffinger.)
- Ufnowski, Wacław, Warsaw, Poland; vested in the Alien Property Custodian. Apparatus for recovering carbon bisulphide and sulphurated hydrogen during the finishing process of the manufacture of viscose staple fiber. 2,313,006; Mar. 2.
- Uhlmann Optical Co. (See Uhlemann, William R., and R. H., assignors.)
- Uhlmann Optical Co. of Illinois. (See Uhlemann, William R., and R. H., assignors.)
- Uhlmann, Richard H. (See Uhlemann, William R. and R. H.)
- Uhlmann, William R., Evanston, assignor to Uhlemann Optical Co. of Illinois, Chicago, Ill. One-piece pluri-focal lens. 2,336,322; Dec. 7.
- Uhlmann, William R., Evanston, and R. H. Uhlmann, Antioch, assignors to Uhlemann Optical Co. of Illinois, Ill. Ophthalmic mounting. 2,308,253; Jan. 12.
- Uhlmann, William R., Evanston, and R. H. Uhlmann, Antioch, assignors to Uhlemann Optical Co. of Illinois, Chicago, Ill. Lens mounting. 2,310,133; Feb. 2.
- Uhlig, Helen E., Highland Park, Mich. Roll cover. 2,323,780; July 6.
- Uhlig, Richard G., Ladue, assignor to Missouri Portland Cement Co., St. Louis, Mo. Cooling pulverulent materials. 2,336,378; Dec. 7.
- Uhlmann, Hans, Berlin-Steglitz, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Calculating machine. 2,335,368; Nov. 30.
- Uhlmann, Wolfram, Berlin, Germany; vested in the Alien Property Custodian. Braided tube. 2,352,876; Oct. 26.
- Uhlig, Harry W., Stratford, Conn., assignor to General Electric Company. Toaster. 2,330,644; Sept. 28.

- Ulanet, Herman, Newark, N. J. Hermetic seal bottle stopper. 2,312,738; Mar. 2.
- Ulanet, Herman, Newark, N. J. Adjustable thermostat. 2,321,335; June 8.
- Uline, Bernard, Nappanee, Ind. Adjustable spring frame for cribs. 2,311,892; Feb. 23.
- Ulin, Walter C., Nappanee, Ind. Chair. 2,309,800; Feb. 2.
- Ulnski, Bronislaus, Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Power steer switch. 2,312,942; Mar. 2.
- Ullman, Henry K., Washington, D. C. Portable table. 2,324,247; July 13.
- Ullman, Martin, New York, N. Y., assignor to Auburn Rubber Corporation, Auburn, Ind. Combination shipping and display container for toys, etc. 2,313,376; Mar. 9.
- Ullman, Martin, New York, N. Y., assignor to The Munising Paper Company, Chicago, Ill. Self-locking box. 2,319,018; May 11.
- Ullman, Martin, New York, N. Y., assignor to The Atlas Underwear Company, Piqua, Ohio. Folding box. 2,320,018; May 25.
- Ullman, P., St. Louis, Mo. Illuminated magnifying lens and reading glass. 2,316,301; Apr. 13.
- Ullman, Roy, Roslyn, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,317,701; Apr. 27.
- Ullman, Roy, Roslyn, and C. B. Moore, Carroll Park, assignors to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,307,248; Jan. 5.
- Ullmann, August. (See Holt, F. J. W., Ullmann, and Honnor.)
- Ulrich, Fred J., Kalamazoo, assignor of one-half to Lee A. Fordon, Detroit, Mich. Box or carton. 2,326,417; Aug. 10.
- Ulrich, Horace W., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone signaling system. 2,320,957; June 1.
- Ulrich, Walter, Beaumont, Tex., assignor to The Lummus Company, New York, N. Y. Polymerization of hydrocarbons. 2,337,360; Dec. 21.
- Ulrich, William L., Washington, D. C. Container. 2,320,764; June 1.
- Ulmer, William L. (See Medsker, Charles A., assignor.)
- Ulrich, Carl F. (See Alling, E. R., and Ulrich.)
- Ulrich, Frederick, assignor to Conmar Products Corporation, Bayonne, N. J. Machine and method for making slide fasteners. 2,310,660; Feb. 9.
- Ulrich, Frederick, assignor to Conmar Products Corporation, Bayonne, N. J. Manufacture of slide fastener wire. 2,330,936; Oct. 5.
- Ulrich, Heinrich, and K. Kuespert, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Preparing valuable nitrogenous condensation products. 2,312,135; Feb. 23.
- Ulrich, Horace W. (See Shope, H. S., and Ulrich.)
- Ulrich, Horace W., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Through supervision system. 2,319,358; May 18.
- Ulrich, Theodore, Detroit, Mich., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Spring suspension for chassis. 2,311,419; Feb. 16.
- Ulrich, Theodore, Detroit, Mich., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle spring suspension system. 2,311,420; Feb. 16.
- Ulrich, Theodore, Detroit, Mich., assignor to E. C. Budd Manufacturing Company, Philadelphia, Pa. Spring suspension, especially for vehicles. 2,311,603; Feb. 16.
- Ulrich, Theodore, Detroit, Mich., assignor to E. C. Budd Manufacturing Company, Philadelphia, Pa. Spring bolt spacer or reinforcing member. 2,327,585; Aug. 24.
- Ulrich, Theodore, Milwaukee, assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Hinge. 2,335,201; Nov. 23.
- Ulrich, Victor, Bad Cannstatt, and R. Diener, Berlin-Reinickendorf, Germany; vested in the Alien Property Custodian. Gun laying mechanism. 2,312,508; Mar. 2.
- Ulrick, George, Minneapolis, Minn. Toothbrush. 2,317,002; Apr. 20.
- Ulrick, George, Minneapolis, assignor of forty-nine per cent to H. L. Fischer, St. Paul, Minn. Toothbrush. 2,321,265; Jan. 8.
- Umland, William H., assignor to Automatic Burton Company, Muscatine, Iowa. Machine for making lenses or the like. 2,327,228; Aug. 17.
- Uncas Manufacturing Company. (See Sorrentino, Vincent, assignor.)
- Underdahl, Lela, Portland, Oreg. Material for construction of artificial dentures and producing the same. 2,310,132; Feb. 2.
- Underhill, Charles R., Lower Bank, N. J. Motor driven lawn mower and weed topper. 2,312,984; Mar. 2.
- Underhill, Joseph L., Indianapolis, Ind., assignor to Radio Corporation of America. Power transmitting mechanism. 2,307,475; Jan. 5.
- Underhill, Joseph L., Indianapolis, Ind., assignor to Radio Corporation of America. Control track pickup. 2,311,493; Feb. 16.
- Underpressure Engineering Company Limited. (See Foster, Arthur S., assignor.)
- Underwood, Arthur F., assignor to General Motors Corporation, Detroit, Mich. Making composite articles. 2,331,584; Oct. 12.
- Underwood, Arthur F., Grosse Pointe, assignor to General Motors Corporation, Detroit, Mich. Engine cooling system. 2,334,457; Nov. 16.
- Underwood Elliott Fisher Company. (See Anderson, Walter A., assignor.)
- Underwood Elliott Fisher Company. (See Atwater, Kenneth C., assignor.)
- Underwood Elliott Fisher Company. (See Dobson, William A., assignor.)
- Underwood Elliott Fisher Company. (See Hammer, Irvin G., assignor.)
- Underwood Elliott Fisher Company. (See Helmond, William F., assignor.)
- Underwood Elliott Fisher Company. (See Lentz, Lawrence E., assignor.)
- Underwood Elliott Fisher Company. (See Marques, Earle, assignor.)
- Underwood Elliott Fisher Company. (See Mourey, Charles R., assignor.)
- Underwood Elliott Fisher Company. (See Pitman, Henry L., assignor.)
- Underwood Elliott Fisher Company. (See Schneble, Vincent F., assignor.)
- Underwood Elliott Fisher Company. (See Sincerbeaux, Laurence M., assignor.)
- Underwood Elliott Fisher Company. (See Sundstrand, Oscar J., assignor.)
- Underwood Elliott Fisher Company. (See Sundstrand, O. J., and Anderson, assignors.)
- Underwood Elliott Fisher Company. (See Thorell, Edwin, assignor.)
- Underwood Elliott Fisher Company. (See Toggenburger, John, assignor.)
- Underwood Elliott Fisher Company. (See Wise, Elmer L., assignor.)
- Underwood, Harry T. (See Owner, F. M., and Underwood.)
- Underwood, James W. (See D'Alelio, G. F., and Underwood.)
- Underwood, John L., Victoria, Va. Saw sharpening machine. 2,334,136; Nov. 9.
- Underwood, Julius E., Wallingford, Pa. Mower. 2,308,218; Jan. 12.
- Underwood and Underwood, Washington, D. C., Inc. (See Rubel, Laurence E., assignor.)
- Undy, Gustav E. (See Leathers, C. F., and Undy.)
- Undy, Gustav E., assignor to Weltronic Corporation, Detroit, Mich. Timing control system. 2,319,524; May 18.
- Undy, Gustav E., assignor to Weltronic Corporation, Detroit, Mich. Timing control system. 2,322,764; June 29.
- Ungar, Gustave A., Pelham Manor, assignor to J. F. Keller, New York, N. Y. Gas separator for liquid dispensing apparatus. 2,313,403; Mar. 9.
- Ungar, Gustave A., Pelham Manor, assignor to Joseph F. Keller, New York, N. Y. Balanced pump and motor. 2,319,374; May 18.
- Ungar, Gustave A., Pelham Manor, assignor to J. F. Keller, New York, N. Y. Gear pump. 2,338,065; Dec. 28.
- Unger, Abraham, East Orange, assignor to Duro Persian Manufacturing Co., Inc., East Newark, N. J. Textile material and making. 2,332,833; Oct. 26.
- Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Loose-leaf binder. 2,311,492; Feb. 16.
- Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,315,303; Mar. 30.
- Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,316,118; Apr. 6.
- Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Punch. 2,335,552; Nov. 30.
- Unger, William H., assignor, by mesne assignments, to Patents Research Corporation, New York, N. Y. High frequency system. 2,312,374; Mar. 2.
- "Unichem" Chemikalien Handels A.-G. (See Götte, Ernst, assignor.)
- "Unichem" Chemikalien Handels A.-G. (See Hentrich, W., Kirstahler and Schlegel, assignors.)
- "Unichem" Chemikalien Handels A.-G. (See Neu, Richard, assignor.)
- Unifloc Reagents Limited. (See Samuel, John O., assignor.)
- Union Asbestos & Rubber Company. (See Astley, William F., assignor.)
- Union Asbestos & Rubber Company. (See Lundvall, John S., assignor.)
- Union Asbestos & Rubber Company. (See O'Connor, Arthur F., assignor.)
- Union Bag & Paper Corporation. (See Avery, True M., assignor.)
- Union Bag & Paper Corporation. (See Claspill, O. W., and Widiger, assignors.)
- Union Bank of Chicago, Ill. (See Cowles, I., and Lotz.)
- Union-Baystate Co. (See Earle, Roland D., assignor.)
- Union Carbide and Carbon Corporation. (See Baker, Harry J., assignor.)

- Union Carbide and Carbon Corporation. (See Bucknam, Worthly C., assignor.)
- Union Carbide and Carbon Corporation. (See Deck, Elbe W., assignor.)
- Union Carbide and Carbon Corporation. (See Geigib, Frank C., assignor.)
- Union Carbide and Carbon Corporation. (See Howell, John D., assignor.)
- Union Carbide and Carbon Corporation. (See Jacobsson, Wilgot J., assignor.)
- Union Carbide and Carbon Corporation. (See Kehl, Robert J., assignor.)
- Union Carbide and Carbon Corporation. (See Linden, Walter B., assignor.)
- Union Carbide and Carbon Corporation. (See Maibauer, Albert E., assignor.)
- Union Carbide and Carbon Corporation. (See Siver, Chester A., assignor.)
- Union Carbide and Carbon Corporation. (See Young, Lloyd W., assignor.)
- Union Fork and Hoe Company, The. (See Armstrong, Edward J., assignor.)
- Union Ice Company, The. (See Rear, James C., assignor.)
- Union Machine Company. (See O'Neill, Edward M., assignor.)
- Union Metal Manufacturing Company, The. (See Riemen-schneider, Edmund W., assignor.)
- Union Oil Company. (See Lyle, Howard C., assignor.)
- Union Oil Company of California. (See Bray, U. B., and Swift, assignors.)
- Union Oil Company of California. (See Byrns, Alva C., assignor.)
- Union Oil Company of California. (See Carr, Donald E., assignor.)
- Union Oil Company of California. (See Carr, D. E., and Ritchey, assignors.)
- Union Oil Company of California. (See Dillon, Lyle, assignor.)
- Union Oil Company of California. (See Dunham, Robert A., assignor.)
- Union Oil Company of California. (See Flaxman, Marcellus T., assignor.)
- Union Oil Company of California. (See Garofalo, R. J., and Scott, assignors.)
- Union Oil Company of California. (See Huffman, Hal T., assignor.)
- Union Oil Company of California. (See Jenkins, V. N., assignor.)
- Union Oil Company of California. (See Jones, Philip H., assignor.)
- Union Oil Company of California. (See Korpi, Karl, assignor.)
- Union Oil Company of California. (See Lee, Milton W., assignor.)
- Union Oil Company of California. (See Linford, H., and Blount, assignors.)
- Union Oil Company of California. (See McLennan, L. W., and Newkow, assignors.)
- Union Oil Company of California. (See Pollock, Ralph C., assignor.)
- Union Oil Company of California. (See Ritchey, Harold W., assignor.)
- Union Research Corporation. (See Bunting, Albert L., assignor.)
- Union Research Corporation. (See Bunting, A. L., and Thomas, assignors.)
- Union Special Machine Company. (See Kucera, Frank A., assignor.)
- Union Special Machine Company. (See Podgorny, John, assignor.)
- Union Special Machine Company. (See Quist, Oscar, assignor.)
- Union Special Machine Company. (See Riviere, Albert S., assignor.)
- Union Special Machine Company. (See Rubel, Charles F., assignor.)
- Union Special Machine Company. (See Russell, Julian G., assignor.)
- Union Special Machine Company. (See Sauer, George, assignor.)
- Union Special Machine Company. (See Smith, Clarence C., assignor.)
- Union Stararch and Refining Company. (See Stambaugh, Paul H., assignor.)
- Union Steam Pump Company. (See Yohpe, Reinhard A., assignor.)
- Union Steel Products Company. (See Bitney, Dewey H., assignor.)
- Union Steel Products Company. (See Butters, Leonard E., assignor.)
- Union Steel Products Company. (See Swartwout, Robert L., assignor.)
- Union Switch and Signal Company, The. (See Adams, Warren M., assignor.)
- Union Switch & Signal Company, The. (See Allen, Earl M., assignor.)
- Union Switch & Signal Company, The. (See Allison, Leslie R., assignor.)
- Union Switch & Signal Company, The. (See Allison, L. R., and Volz., assignors.)
- Union Switch & Signal Company, The. (See Ashby, Donald, assignor.)
- Union Switch & Signal Company, The. (See Ashworth, Harry E., assignor.)
- Union Switch & Signal Company, The. (See Baughman, George W., assignor.)
- Union Switch & Signal Company, The. (See Baughman, G. W., and Agnew, assignors.)
- Union Switch & Signal Company, The. (See Bell, Charles W., assignor.)
- Union Switch & Signal Company, The. (See Blosser, Herman G., assignor.)
- Union Switch & Signal Company, The. (See Blosser, H. G., and Laurensen, assignors.)
- Union Switch & Signal Company, The. (See Bone, Herbert L., assignor.)
- Union Switch & Signal Company, The. (See Bone, H. L., and Little, assignors.)
- Union Switch & Signal Company. (See Bone, H. L., and Livingston, assignors.)
- Union Switch & Signal Company, The. (See Bossart, Paul N., assignor.)
- Union Switch & Signal Company, The. (See Cini, Giulio, assignor.)
- Union Switch & Signal Company, The. (See Crago, Paul H., assignor.)
- Union Switch and Signal Company, The. (See Cravath, Austin M., assignor.)
- Union Switch & Signal Company, The. (See Crooks, Ralph K., assignor.)
- Union Switch & Signal Company, The. (See Dodd, Arthur E., assignor.)
- Union Switch & Signal Company, The. (See Douglass, Myrl R., assignor.)
- Union Switch & Signal Company. (See Dowling, Philip H., assignor.)
- Union Switch & Signal Company, The. (See Eckhardt, Paul K., assignor.)
- Union Switch & Signal Company. (See Fisher, Arthur W., assignor.)
- Union Switch & Signal Company, The. (See Gilson, Robert M., assignor.)
- Union Switch & Signal Company, The. (See Gilson, R. M., and Overholt, Jr., assignors.)
- Union Switch & Signal Company, The. (See Goodlin, Carl L., assignor.)
- Union Switch & Signal Company, The. (See Hedding, Linnie K., assignor.)
- Union Switch and Signal Company, The. (See Hines, C. M., and Agnew, assignors.)
- Union Switch & Signal Company, The. (See Kemmerer, Ralph R., assignor.)
- Union Switch & Signal Company, The. (See Kemmerer, R. R., and Staples, assignors.)
- Union Switch and Signal Company, The. (See Lauren-son, Robert M., assignor.)
- Union Switch and Signal Company, The. (See Lay, Charles H., assignor.)
- Union Switch & Signal Company, The. (See Lewis, Lloyd W., assignor.)
- Union Switch & Signal Company, The. (See Livingston, John W., assignor.)
- Union Switch & Signal Company, The. (See Logan, John W., Jr., assignor.)
- Union Switch & Signal Company, The. (See McCann, Ronald A., assignor.)
- Union Switch and Signal Company, The. (See McCluer, John D., assignor.)
- Union Switch & Signal Company, The. (See McGowan, Kenneth J., assignor.)
- Union Switch and Signal Company, The. (See Mills, Robert, assignor.)
- Union Switch & Signal Company, The. (See Mishelevich, Benjamin, assignor.)
- Union Switch & Signal Company, The. (See Nicholson, Frank H., assignor.)
- Union Switch & Signal Company. (See Nicholson, F. H., and Allison, assignors.)
- Union Switch & Signal Company, The. (See Nicholson, F. H., and Bryan, assignors.)
- Union Switch & Signal Company, The. (See Nicholson, F. H., and Staples, assignors.)
- Union Switch & Signal Company, The. (See O'Hagan, B. E., and Johnston, assignors.)
- Union Switch and Signal Company, The. (See Pelikan, John M., assignor.)
- Union Switch & Signal Company, The. (See Peter, Leslie H., assignor.)
- Union Switch & Signal Company, The. (See Peter, L. H., and Coley, assignors.)
- Union Switch and Signal Company, The. (See Pfasterer, George R., assignor.)
- Union Switch & Signal Company, The. (See Place, Willard F., assignor.)
- Union Switch & Signal Company, The. (See Snively, Clarence S., assignor.)
- Union Switch & Signal Company, The. (See Sorensen, Andrew J., assignor.)
- Union Switch & Signal Company, The. (See Staples, C. E., and Blosser, assignors.)
- Union Switch & Signal Company, The. (See Thompson, Howard, assignor.)
- Union Switch and Signal Company, The. (See Thomp-son, Leslie E., assignor.)
- Union Switch and Signal Company. (See Thompson, L. E., and Jenkins, assignors.)

- Union Switch and Signal Company, The. (See Tizzard, Thomas W., Jr., assignor.)
 Union Switch & Signal Company, The. (See Van Horn, James J., assignor.)
 Union Switch & Signal Company. (See Vantassel, Harry C., assignor.)
 Union Switch & Signal Company, The. (See Wallace, Herbert A., assignor.)
 Union Switch & Signal Company, The. (See Wells, Wesley B., assignor.)
 Union Switch & Signal Company, The. (See Witmer, Harold E., assignor.)
 Union Switch & Signal Company, The. (See Young, Henry S., assignor.)
 Union Switch & Signal Company, The. (See Zierdt, Conrad H., assignor.)
 Union Wire Rope Corporation. (See Bender, R. W., and Vothlander, assignors.)
 Unit Rays, Inc. (See Hebel, Edward S., assignor.)
 United Acoustigraph Corporation. (See De Sart, Albert W., Sr., assignor.)
 United Aircraft Corporation. (See Anderson, John E., assignor.)
 United Aircraft Corporation. (See Ayers, Allan P., Jr., assignor.)
 United Aircraft Corporation. (See Baker, Paul S., assignor.)
 United Aircraft Corporation. (See Beardsley, Guy E., Jr., assignor.)
 United Aircraft Corporation. (See Beebe, Murray C., Jr., assignor.)
 United Aircraft Corporation. (See Buck, Richard S., assignor.)
 United Aircraft Corporation. (See Caldwell, Frank W., assignor.)
 United Aircraft Corporation. (See Caldwell, F. W., Martin, and Anderson, assignors.)
 United Aircraft Corporation. (See Cronstedt, Val, assignor.)
 United Aircraft Corporation. (See Groskritz, George, assignor.)
 United Aircraft Corporation. (See Gunberg, Harry W., assignor.)
 United Aircraft Corporation. (See Hersey, Donald S., assignor.)
 United Aircraft Corporation. (See Hersey, D. S., and Campbell, assignors.)
 United Aircraft Corporation. (See Hobbs, Leonard S., assignor.)
 United Aircraft Corporation. (See Insley, R., and Green, assignors.)
 United Aircraft Corporation. (See Kopplin, Carl H., assignor.)
 United Aircraft Corporation. (See Lee, J. G., and Beisel, assignors.)
 United Aircraft Corporation. (See Lucke, Charles E., assignor.)
 United Aircraft Corporation. (See Martin, Erie, assignor.)
 United Aircraft Corporation. (See Martin, E., and Anderson, assignors.)
 United Aircraft Corporation. (See Martin, E., and Caldwell, assignors.)
 United Aircraft Corporation. (See Martin, E., and Doherty, assignors.)
 United Aircraft Corporation. (See Newcomb, Phillip P., assignor.)
 United Aircraft Corporation. (See Sikorsky, Igor I., assignor.)
 United Aircraft Corporation. (See Tyler, John M., assignor.)
 United Aircraft Corporation. (See von Mertens, Ernest K., assignor.)
 United Aircraft Corporation. (See Willgoos, Andrew V. D., assignor.)
 United Aircraft Products, Inc. (See Dykeman, Reuben G., assignor.)
 United Aircraft Products, Inc. (See Mason, Joseph, assignor.)
 United Aircraft Products, Inc. (See Steele, Horace M., assignor.)
 United Air Lines Transport Corporation. (See Davies, W. W., and Page, assignors.)
 United Air Lines Transport Corporation. (See Huckle, Herbert M., assignor.)
 United American Metals Corporation. (See Jung, Albert H., assignor.)
 United Biscuit Company of America. (See Coy, Don W., assignor.)
 United Biscuit Company of America. (See Coy, D. W., and Ritter, assignors.)
 United Biscuit Company of America. (See Edmondson, William H., assignor.)
 United-Carr Fastener Corporation. (See Bedford, William A., Jr., assignor.)
 United-Carr Fastener Corporation. (See Chaffee, Raymond O., assignor.)
 United-Carr Fastener Corporation. (See Churchill, Wilmer H., assignor.)
 United-Carr Fastener Corporation. (See Cogswell, Elliot P., assignor.)
 United-Carr Fastener Corporation. (See Hall, Charles L., assignor.)
 United-Carr Fastener Corporation, The. (See Hall, C. L., and Cram, assignors.)
 United-Carr Fastener Corporation. (See Johnson, Frank E., assignor.)
 United-Carr Fastener Corporation. (See Johnson, Russell W., assignor.)
 United-Carr Fastener Corporation. (See Jones, Walter L., assignor.)
 United-Carr Fastener Corporation. (See Kimbell, Arthur W., assignor.)
 United-Carr Fastener Corporation. (See Kral, Joseph, assignor.)
 United-Carr Fastener Corporation. (See Mackie, Harry A., assignor.)
 United-Carr Fastener Corporation. (See Maynard, Albert C., assignor.)
 United-Carr Fastener Corporation. (See Murphy, Howard J., assignor.)
 United-Carr Fastener Corporation. (See Newbold, Thomas, assignor.)
 United-Carr Fastener Corporation. (See Pender, Lloyd G., assignor.)
 United-Carr Fastener Corporation. (See Todd, John, assignor.)
 United-Carr Fastener Corporation. (See Woodward, Clement A., assignor.)
 United Conveyor Corporation. (See Williams, Ray W., assignor.)
 United Corporation of Massachusetts. (See Lyons, Robert L., assignor.)
 United Drug Company. (See Gariepy, Joseph, assignor.)
 United Drug Company. (See Morrill, Edward C., assignor.)
 United Engineering & Foundry Company. (See Biggert, Florence C., Jr., assignor.)
 United Engineering and Foundry Company. (See Emigh, Howard E., assignor.)
 United Engineering & Foundry Company. (See Knudsen, E., and Talbot, assignor.)
 United Engineering and Foundry Company. (See O'Brien, Joseph V., assignor.)
 United Engineering & Foundry Company. (See Rudert, L. N., and Talbot, assignor.)
 United Engineers & Constructors, Inc. (See Haug, John S., assignor.)
 United Fruit Company. (See Robson, Hector H., assignor.)
 United Gas Improvement Company, The. (See Ault, Wald C., assignor.)
 United Gas Improvement Company, The. (See Chaney, Newcomb K., assignor.)
 United Gas Improvement Company, The. (See Hall, Edwin L., assignor.)
 United Gas Improvement Company, The. (See Skeen, John R., assignor.)
 United Gas Improvement Company, The. (See Today, Frank J., assignor.)
 United Gas Improvement Company, The. (See Trepp, Samuel G., assignor.)
 United Gas Improvement Company, The. (See Ward, Alger L., assignor.)
 United Gas Industries Limited. (See Angold, Edward B., assignor.)
 United Merchants & Manufacturers, Inc. (See Mantell, Charles L., assignor.)
 United Shoe Machinery Corporation. (See Anderson, Ivan C., assignor.)
 United Shoe Machinery Corporation. (See Ashworth, Fred, assignor.)
 United Shoe Machinery Corporation. (See Ashworth, F., and Whitaker, assignors.)
 United Shoe Machinery Corporation. (See Baker, Corwin W., assignor.)
 United Shoe Machinery Corporation. (See Ballard, Milton H., assignor.)
 United Shoe Machinery Corporation. (See Batchelder, Clifton T., assignor.)
 United Shoe Machinery Corporation. (See Baxendale, Albert P., assignor.)
 United Shoe Machinery Corporation. (See Baxter, William L., assignor.)
 United Shoe Machinery Corporation. (See Bell, Charles C., assignor.)
 United Shoe Machinery Corporation. (See Bertrand, Frederic E., assignor.)
 United Shoe Machinery Corporation. (See Blanchard, Benjamin B., assignor.)
 United Shoe Machinery Corporation. (See Boothroyd, Hubert, assignor.)
 United Shoe Machinery Corporation. (See Brandt, Francis L., assignor.)
 United Shoe Machinery Corporation. (See Brophy, John J., assignor.)
 United Shoe Machinery Corporation. (See Brostrom, Charles G., assignor.)
 United Shoe Machinery Corporation. (See Campbell, Rouel R., assignor.)
 United Shoe Machinery Corporation. (See Cantley, Joseph C., assignor.)
 United Shoe Machinery Corporation. (See Casavant, E., Osborne, and Meek, assignors.)
 United Shoe Machinery Corporation. (See Clarke, Eugene S., assignor.)

- United Shoe Machinery Corporation. (See Connors, Patrick J., assignor.)
 United Shoe Machinery Corporation. (See Courchene, Theodore P., assignor.)
 United Shoe Machinery Corporation. (See Coyne, Guy B., assignor.)
 United Shoe Machinery Corporation. (See Cummings, Roy W., assignor.)
 United Shoe Machinery Corporation. (See Cushman, L. H., and Pym, assignors.)
 United Shoe Machinery Corporation. (See Cutler, Nelson B., assignor.)
 United Shoe Machinery Corporation. (See Cutler, Wallace M., assignor.)
 United Shoe Machinery Corporation. (See Dixon, Paul H., assignor.)
 United Shoe Machinery Corporation. (See Duplessis, René S., assignor.)
 United Shoe Machinery Corporation. (See Eastman, Fred A., assignor.)
 United Shoe Machinery Corporation. (See Eich, F. A., and Higgins, assignors.)
 United Shoe Machinery Corporation. (See Elliott, Harry D., assignor.)
 United Shoe Machinery Corporation. (See Elliott, H. E., and Mawbey, assignors.)
 United Shoe Machinery Corporation. (See Engel, Karl, assignor.)
 United Shoe Machinery Corporation. (See Eppler, Andrew, Jr., assignor.)
 United Shoe Machinery Corporation. (See Finn, Sidney J., assignor.)
 United Shoe Machinery Corporation. (See Fossa, Joseph, assignor.)
 United Shoe Machinery Corporation. (See Gaquin, John H., assignor.)
 United Shoe Machinery Corporation. (See Goodchild, William C., Jr., assignor.)
 United Shoe Machinery Corporation. (See Gouldbourn, Joseph, assignor.)
 United Shoe Machinery Corporation. (See Gouldbourn, J., and Kraml, assignors.)
 United Shoe Machinery Corporation. (See Graham, Guy H., assignor.)
 United Shoe Machinery Corporation. (See Haas, Otto R., assignor.)
 United Shoe Machinery Corporation. (See Hamann, William, assignor.)
 United Shoe Machinery Corporation. (See Harding, Joseph E., assignor.)
 United Shoe Machinery Corporation. (See Hart, Fred V., assignor.)
 United Shoe Machinery Corporation. (See Hart, G. T., Jr., and Winkley, assignor.)
 United Shoe Machinery Corporation. (See Hazelton, G., and James, assignors.)
 United Shoe Machinery Corporation. (See Holmgren, Eric A., assignor.)
 United Shoe Machinery Corporation. (See Holmgren, E. A., and Patten, assignors.)
 United Shoe Machinery Corporation. (See Hood, Charles E., assignor.)
 United Shoe Machinery Corporation. (See Hyde, Frank F., assignor.)
 United Shoe Machinery Corporation. (See Ioannilli, Joseph R., assignor.)
 United Shoe Machinery Corporation. (See Ioannilli, J. R., and Dixon, assignors.)
 United Shoe Machinery Corporation. (See Jalbert, Adrian L., assignor.)
 United Shoe Machinery Corporation. (See James, Lester E., assignor.)
 United Shoe Machinery Corporation. (See Jones, John L., assignor.)
 United Shoe Machinery Corporation. (See Jorgensen, Bernhardt, assignor.)
 United Shoe Machinery Corporation. (See Jorgensen, Jacob C., assignor.)
 United Shoe Machinery Corporation. (See Keane, Francis A., assignor.)
 United Shoe Machinery Corporation. (See Knight, Ralph F., assignor.)
 United Shoe Machinery Corporation. (See Knott, Clyde L., assignor.)
 United Shoe Machinery Corporation. (See Lancaster, John T., assignor.)
 United Shoe Machinery Corporation. (See Lane, H., and Barton, assignors.)
 United Shoe Machinery Corporation. (See Lawson, Robert N., assignor.)
 United Shoe Machinery Corporation. (See Leveque, Bernard T., assignor.)
 United Shoe Machinery Corporation. (See Linderth, Lambert S., Jr., assignor.)
 United Shoe Machinery Corporation. (See Loakes, L. A., and Poll, Sr., assignors.)
 United Shoe Machinery Corporation. (See Macdonald, Lester S., assignor.)
 United Shoe Machinery Corporation. (See MacKenzie, Wilbur L., assignor.)
 United Shoe Machinery Corporation. (See Maeser, Mieth, assignor.)
 United Shoe Machinery Corporation. (See Marcy, Richard C., assignor.)
 United Shoe Machinery Corporation. (See Mariner, Norman E., assignor.)
 United Shoe Machinery Corporation. (See McLean, Donald G., assignor.)
 United Shoe Machinery Corporation. (See Miller, Lloyd G., assignor.)
 United Shoe Machinery Corporation. (See Miller, L. G., and Megathlin, assignors.)
 United Shoe Machinery Corporation. (See Miner, George A., assignor.)
 United Shoe Machinery Corporation. (See Minett, Wilfrid T., assignor.)
 United Shoe Machinery Corporation. (See Monfils, Napoleon A., assignor.)
 United Shoe Machinery Corporation. (See Morrill, Alfred R., assignor.)
 United Shoe Machinery Corporation. (See Morris, T. C., and Gregory, Jr., assignors.)
 United Shoe Machinery Corporation. (See Nokes, Ernest S., assignor.)
 United Shoe Machinery Corporation. (See O'Gorman, Gaynor, assignor.)
 United Shoe Machinery Corporation. (See Oliver, John E., assignor.)
 United Shoe Machinery Corporation. (See Paulsen, Hans C., assignor.)
 United Shoe Machinery Corporation. (See Porter, O. S., and Carrell, assignors.)
 United Shoe Machinery Corporation. (See Preble, Edwin N., assignor.)
 United Shoe Machinery Corporation. (See Prue, Walter W., assignor.)
 United Shoe Machinery Corporation. (See Quinn, Edward, assignor.)
 United Shoe Machinery Corporation. (See Quinn, E., and Jalbert, assignors.)
 United Shoe Machinery Corporation. (See Ray, Eugene J., assignor.)
 United Shoe Machinery Corporation. (See Reid, I. M., and Johnson, assignors.)
 United Shoe Machinery Corporation. (See Richards, A. E., and Roberts, assignors.)
 United Shoe Machinery Corporation. (See Roberts, William T. B., assignor.)
 United Shoe Machinery Corporation. (See Robinson, Charles A., assignor.)
 United Shoe Machinery Corporation. (See Robson, William S., assignor.)
 United Shoe Machinery Corporation. (See Rohweder, Charles R., assignor.)
 United Shoe Machinery Corporation. (See Russell, Arthur L., assignor.)
 United Shoe Machinery Corporation. (See Russell, A. L., and Watson, assignors.)
 United Shoe Machinery Corporation. (See Russell, Fred E., assignor.)
 United Shoe Machinery Corporation. (See Ryan, George F., assignor.)
 United Shoe Machinery Corporation. (See Schoenky, August H., assignor.)
 United Shoe Machinery Corporation. (See Seely, Thomas H., assignor.)
 United Shoe Machinery Corporation. (See Seymour, Malcolm, assignor.)
 United Shoe Machinery Corporation. (See Simpson, Arthur M., assignor.)
 United Shoe Machinery Corporation. (See Smith, Edwin W., assignor.)
 United Shoe Machinery Corporation. (See Smith, Homer F., assignor.)
 United Shoe Machinery Corporation. (See Standish, John F., assignor.)
 United Shoe Machinery Corporation. (See Standish, J. F., and Macdonald, assignors.)
 United Shoe Machinery Corporation. (See Steimen, Lawrence E., assignor.)
 United Shoe Machinery Corporation. (See Stratton, Frank E., assignor.)
 United Shoe Machinery Corporation. (See Sweet, George A., assignor.)
 United Shoe Machinery Corporation. (See Topham, Laurence E., assignor.)
 United Shoe Machinery Corporation. (See Turner, Chester D., assignor.)
 United Shoe Machinery Corporation. (See Ushakoff, Alexis E., assignor.)
 United Shoe Machinery Corporation. (See Watts, Raymond W., assignor.)
 United Shoe Machinery Corporation. (See Whitaker, Carl F., assignor.)
 United Shoe Machinery Corporation. (See Willmott, Herbert J., assignor.)
 United Shoe Machinery Corporation. (See Winkley, Erastus E., assignor.)
 United Shoe Machinery Corporation. (See Woodman, Charles K., assignor.)
 United Shoe Machinery Corporation. (See Woolridge, William W., assignor.)
 United States Automatic Box Machinery Co. (See Cote, Omer E., assignor.)
 United States Automatic Box Machinery Co. (See Wentz, Oscar W., assignor.)

- United States Cabinet Bed Co. (See Martin, Joseph, assignor.)
- United States Cabinet Bed Co. (See Weiglass, Irving, assignor.)
- U. S. Cloth Cutting Machine Co. Inc. (See Komow, Albert P., assignor.)
- U. S. Electrical Motors, Inc. (See Myers, Thomas G., assignor.)
- U. S. Electrical Motors, Inc. (See Myers, T. G., and P. G., assignors.)
- United States Electrical Tool Company, The. (See Smith, John A., II, assignor.)
- United States Envelope Company. (See Brougham, F. G., and Poulis, assignors.)
- United States Envelope Company. (See Heywood, Vincent E., assignor.)
- United States Gauge Company. (See Klein, M., and Grabel, assignors.)
- United States Golf Association. (See Anderson, C. G., and Richardson, assignors.)
- United States Gypsum Company. (See Adams, Floyd W., assignor.)
- United States Gypsum Company. (See Allen, Horace D., assignor.)
- United States Gypsum Company. (See Alvord, Charles B., assignor.)
- United States Gypsum Company. (See Ballard, Bernard T., assignor.)
- United States Gypsum Company. (See Dunne, J. K., and Phelps, assignors.)
- United States Gypsum Company. (See Gibson, Oliver E., assignor.)
- United States Gypsum Company. (See Haegle, O. P., and Wack, assignors.)
- United States Gypsum Company. (See King, George D., assignor.)
- United States Gypsum Company. (See McNeil, William M., assignor.)
- United States Gypsum Company. (See Page, John, assignor.)
- United States Gypsum Company. (See Parsons, Joseph R., assignor.)
- United States Gypsum Company. (See Pennington, Clifford C., assignor.)
- United States Gypsum Company. (See Walker, S. P., and Schramm, assignors.)
- United States Harmonica Corporation, The. (See Wetzler, C. E., and Boehm, assignors.)
- United States Hat Machinery Corporation. (See Genest, Homer A., assignor.)
- United States Hoffman Machinery Corporation. (See Bowdoin, G. E., and Strohbridge, assignor.)
- United States Hoffman Machinery Corporation. (See Meyer, H. C. A., and Clark, assignors.)
- United States Hoffman Machinery Corporation. (See Meyer, H. C. A., and Erlanger, assignors.)
- U. S. Industrial Alcohol Co. (See Balcar, Frederick R., assignor.)
- U. S. Industrial Alcohol Co. (See Fisher, Harry L., assignor.)
- U. S. Industrial Alcohol Co. (See Hildebrandt, Frank M., assignor.)
- United States Metal Refining Company et al. (See Schleicher, H. M., and Iverson, assignors.)
- United States Metallic Packing Company, The. (See Price, Joseph W., Jr., assignor.)
- U. S. Pegwood & Shank Company. (See Lewis, John, assignor.)
- U. S. Pipe Bending Co. (See Wallace, Philip B., assignor.)
- United States Pipe and Foundry Company. (See Daniel, Robert E., assignor.)
- United States Printing & Lithograph Company, The. (See Murphy, Gerald, assignor.)
- United States Radium Corporation. (See Fischer, Alois, assignor.)
- United States Radium Corporation. (See Lee, C. B., and Wallhause, assignors.)
- United States Radium Corporation. (See Paul, John E., assignor.)
- U. S. Ring Traveler Co. (See Bolton, Maurice L., assignor.)
- United States Rubber Company. (See Adamson, Seth, assignor.)
- United States Rubber Company. (See Alexander, Robert O., assignor.)
- United States Rubber Company. (See Anderson, Harry A., assignor.)
- United States Rubber Company. (See Armstrong, Robert T., assignor.)
- United States Rubber Company. (See Armstrong, R. T., and Hart, assignors.)
- United States Rubber Company. (See Barton, Bernard C., assignor.)
- United States Rubber Company. (See Baty, J. A., and Meyer, assignors.)
- United States Rubber Company. (See Bennett, Thomas A., assignor.)
- United States Rubber Company. (See Benson, Gerald L., assignor.)
- United States Rubber Company. (See Brooks, A. E., and Bender, assignors.)
- United States Rubber Company. (See Brosi, Albert R., assignor.)
- United States Rubber Company. (See Bull, Arthur W., assignor.)
- United States Rubber Company. (See Bull, A. W., and Havens, assignors.)
- United States Rubber Company. (See Bull, A. W., Havens, and Williams, assignors.)
- United States Rubber Company. (See Chittum, J. P., and Hulst, assignors.)
- United States Rubber Company. (See Clark, Edward H., assignor.)
- United States Rubber Company. (See Clayton, William J., assignor.)
- United States Rubber Company. (See Clayton, W. J., and Hoover, assignors.)
- United States Rubber Company. (See Crane, C. O., and Mulligan, assignors.)
- United States Rubber Company. (See Duston, Merle, assignor.)
- United States Rubber Company. (See Eger, Ernst, assignor.)
- United States Rubber Company. (See Gerke, Roscoe H., assignor.)
- United States Rubber Company. (See Grant, Arthur W., assignor.)
- United States Rubber Company. (See Hanslick, Roy S., assignor.)
- United States Rubber Company. (See Hazell, Eardley, assignor.)
- United States Rubber Company. (See Honderich, Francis I., assignor.)
- United States Rubber Company. (See Howe, E. W., and Wilhelm, assignors.)
- United States Rubber Company. (See Howe, Harold S., assignor.)
- United States Rubber Company. (See Howland, Louis H., assignor.)
- United States Rubber Company. (See Howland, L. H., and ter Horst, assignors.)
- United States Rubber Company. (See Hurt, Victor H., assignor.)
- United States Rubber Company. (See Janssen, Thomas C., assignor.)
- United States Rubber Company. (See Keen, Alexis W., assignor.)
- United States Rubber Company. (See Ladd, E. C., and ter Horst, assignors.)
- United States Rubber Company. (See Linscott, C. E., and McGavack, assignors.)
- United States Rubber Company. (See Lovell, Glen A., assignor.)
- United States Rubber Company. (See Messer, William E., assignor.)
- United States Rubber Company. (See Moore, O. B., Havens, and Wickle, assignors.)
- United States Rubber Company. (See Ogilby, Stewart R., assignor.)
- United States Rubber Company. (See Paul, Philip T., assignor.)
- United States Rubber Company. (See Plant, Thomas F., assignor.)
- United States Rubber Company. (See Randall, Chester J., assignor.)
- United States Rubber Company. (See Reid, Herbert J., assignor.)
- United States Rubber Company. (See Sherman, S. H., and Clarkson, assignors.)
- United States Rubber Company. (See Shinkle, Seaphes D., assignor.)
- United States Rubber Company. (See Slovin, David G., assignor.)
- United States Rubber Company. (See Steiner, Hubbard W., assignor.)
- United States Rubber Company. (See Sterrett, Robert R., assignor.)
- United States Rubber Company. (See Teague, M. C., and Hawley, Jr., assignors.)
- United States Rubber Company. (See Teague, M. C., and Mahoney, assignors.)
- United States Rubber Company. (See ter Horst, William P., assignor.)
- United States Rubber Company. (See Thacher, S. P., and Havens, assignors.)
- United States Rubber Company. (See Wallace, E. H., and Iler, assignors.)
- United States Rubber Company. (See Wilhelm, Kurt E., assignor.)
- United States Rubber Company. (See Wickle, George F., assignor.)
- United States Rubber Company. (See Young, H. A., and Wendes, assignors.)
- U. S. Slicing Machine Company. (See Ahndt, Arthur H., assignor.)
- U. S. Slicing Machine Company. (See Brustowsky, Morris, assignor.)
- U. S. Slicing Machine Company. (See Hansen, John, assignor.)
- U. S. Slicing Machine Company. (See Mahler, William, assignor.)
- U. S. Slicing Machine Company. (See Van Berkel, Cornelia F. M., assignor.)
- United States Steel Corporation of Delaware. (See Grange, Raymond A., assignor.)
- United States Steel Corporation of Delaware. (See Hamnerstrom, Karl R., assignor.)

- United States Steel Corporation of Delaware. (See Johnston, John, assignor.)
- United States Steel Corporation of Delaware. (See Larsen, Bernard M., assignor.)
- United States Steel Corporation of Delaware. (See Reed, Thomas F., assignor.)
- U. S. Thermo Control Company. (See Jones, Frederick M., assignor.)
- U. S. Thermo Control Company. (See Numero, J. A., and Jones, assignors.)
- United Steel and Wire Company. (See Faulkner, Arnold T., assignor.)
- United Steel and Wire Company. (See McArdle, Beryl L., assignor.)
- Universag technische A. G. (See Szegö, I., and Keszler, assignors.)
- Universal Camera Corporation. (See Cazin, Otto K., assignor.)
- Universal Camera Corporation. (See Githens, O. W., and Kende, and Porter, assignors.)
- Universal Camera Corporation. (See Kende, G., and Cazin, assignors.)
- Universal Camera Corporation. (See Kosken, W. A., and Brown, assignors.)
- Universal Cooler Corporation. (See Pendergast, Thomas S., assignor.)
- Universal Dental Company. (See Stein, M. R., and Karlin, assignors.)
- Universal Hydraulic Stress Equalizer, Inc. (See Zoll, Carl M., assignor.)
- Universal Oil Products Company. (See Allender, Samuel S., assignor.)
- Universal Oil Products Company. (See Angell, Charles H., assignor.)
- Universal Oil Products Company. (See Barnes, Marion W., assignor.)
- Universal Oil Products Company. (See Benedict, Wayne L., assignor.)
- Universal Oil Products Company. (See Bergman, Donald J., assignor.)
- Universal Oil Products Company. (See Chenick, Joseph A., assignor.)
- Universal Oil Products Company. (See Corson, B. B., and Cox, assignors.)
- Universal Oil Products Company. (See Danforth, Joseph D., assignor.)
- Universal Oil Products Company. (See Day, Roland B., assignor.)
- Universal Oil Products Company. (See Day, R. B., and Kanhofer, assignors.)
- Universal Oil Products Company. (See Dryer, C. G., and Thompson, assignors.)
- Universal Oil Products Company. (See Egloff, Gustav, assignor.)
- Universal Oil Products Company. (See Egloff, G., and Komarewsky, assignors.)
- Universal Oil Products Company. (See Flock, Bernard J., assignor.)
- Universal Oil Products Company. (See Friedman, Bernard S., assignor.)
- Universal Oil Products Company. (See Gerhold, Clarence G., assignor.)
- Universal Oil Products Company. (See Gerhold, C. G., and Flock, assignor.)
- Universal Oil Products Company. (See Grosse, A. V., and Linn, assignors.)
- Universal Oil Products Company. (See Grosse, A. V., and Mattox, assignors.)
- Universal Oil Products Company. (See Grosse, A. V., and Mavity, assignors.)
- Universal Oil Products Company. (See Grosse, A. V., and Pines, assignors.)
- Universal Oil Products Company. (See Grote, Henry W., assignor.)
- Universal Oil Products Company. (See Haensel, V., and Ipatieff, assignors.)
- Universal Oil Products Company. (See Hoekstra, James, assignor.)
- Universal Oil Products Company. (See Huff, Lyman C., assignor.)
- Universal Oil Products Company. (See Hulsberg, Herbert A., assignor.)
- Universal Oil Products Company. (See Hulsberg, William E., assignor.)
- United States Rubber Company. (See Iknayan, Alfred N., assignor.)
- Universal Oil Products Company. (See Ipatieff, V., and Pines, assignors.)
- Universal Oil Products Company. (See Ipatieff, V. N., and Grosse, assignors.)
- Universal Oil Products Company. (See Ipatieff, V. N., and Haensel, assignors.)
- Universal Oil Products Company. (See Johnstone, Warren W., assignor.)
- United States Rubber Company. (See Jordan, H. F., and Shriver, assignors.)
- Universal Oil Products Company. (See Kanhofer, Elmer R., assignor.)
- Universal Oil Products Company. (See Kassel, Louis S., assignor.)
- Universal Oil Products Company. (See Kinnaid, William R., assignor.)
- Universal Oil Products Company. (See Komarewsky, Vasil I., assignor.)
- Universal Oil Products Company. (See Lee, E. C., and Ahlberg, assignors.)
- Universal Oil Products Company. (See Linn, Carl B., assignor.)
- Universal Oil Products Company. (See Linn, C. B., and Ipatieff, assignors.)
- Universal Oil Products Company. (See Lowry, C. D., and Sutherland, assignors.)
- Universal Oil Products Company. (See Mather, Percy, assignor.)
- Universal Oil Products Company. (See Mattox, William J., assignor.)
- Universal Oil Products Company. (See McAfee, Jerry, assignor.)
- Universal Oil Products Company. (See McCausland, John V., assignor.)
- Universal Oil Products Company. (See Mekler, Lev A., assignor.)
- Universal Oil Products Company. (See Morrell, J. C., and Grosse, assignors.)
- Universal Oil Products Company. (See Nebeck, Howard J., assignor.)
- Universal Oil Products Company. (See Oberstad, Irving, assignor.)
- Universal Oil Products Company. (See Pines, H., and Ipatieff, assignors.)
- Universal Oil Products Company. (See Read, Davis, assignor.)
- Universal Oil Products Company. (See Rosenwald, R. H., and Chenick, assignors.)
- Universal Oil Products Company. (See Schaad, Raymond E., assignor.)
- Universal Oil Products Company. (See Schmerling, L., and Ipatieff, assignors.)
- Universal Oil Products Company. (See Seguy, Jean D., assignor.)
- Universal Oil Products Company. (See Smith, Robert L., assignor.)
- Universal Oil Products Company. (See Sturgeon, John T., assignor.)
- Universal Oil Products Company. (See Thomas, Charles L., assignor.)
- Universal Oil Products Company. (See Thomas, C. L., and Ahlberg, assignors.)
- Universal Oil Products Company. (See Thomas, C. L., and Bloch, assignors.)
- Universal Oil Products Company. (See Thomas, C. L., and Egloff, assignors.)
- Universal Oil Products Company. (See Thompson, George W., assignor.)
- Universal Oil Products Company. (See Watson, Charles C., assignor.)
- Universal Oil Products Company. (See Watson, Kenneth M., assignor.)
- Universal Oil Products Company. (See Weiland, Jack N., assignor.)
- Universal Oil Products Company. (See Zimmerman, Gordon B., assignor.)
- Universal Paper Products Company. (See Amberg, Walter E., assignor.)
- Universal Products Company. (See Hagerty, Joseph W., assignor.)
- Universal Products Company. (See Huff, Lyman C., assignor.)
- Universal Railway Devices Company. (See Bartsch, Herbert E., assignor.)
- Universal Railway Devices Company. (See Camp, P. B., and Bartsch, assignors.)
- Universal Royalty and Development Company. (See Montray, Thomas E., assignor.)
- Universal Tobacco Machine Co. (See Ward, J. C., and Reso, assignors.)
- Universal Unit Power Shovel Corporation. (See Brey, H. E., and Swanson, assignors.)
- Universal Winding Company. (See Almy, Richard R., assignor.)
- Universal Winding Company. (See Jones, Charles H., assignor.)
- Universal Winding Company. (See Perry, Eugene L., assignor.)
- Universal Window Company. (See Wiley, Esmond F., assignor.)
- Universal Wire Spring Company, The. (See Neely, William H., assignor.)
- Universal X-Ray Products, Inc. (See Heger, Joseph J., assignor.)
- University of Louisville. (See Neiman, R., and Ernst, assignors, and Steinbock.)
- University of Michigan, Regents of the. (See Slabkowski, Louis L., assignor.)
- University of Minnesota, Regents of the. (See Koelsch, Frederick.)
- University of Minnesota, Regents of the. (See Ofstie, Edwin H., assignor.)
- University of Minnesota, Regents of the. (See Smith, I. L., assignor.)
- University of North Dakota, School of Mines. (See Lavine, I., and Schultz.)
- University of Tennessee Research Corporation, The. (See Bartlett, Luis H., assignor.)
- University of Tennessee Research Corporation, The. (See Rosenthal, Fritz, assignor.)
- University National Bank, trustee. (See Frentzel, Wallmuth R., assignor.)

- Univis Lens Company, The. (See Smith, Charles V., assignor.)
- Univis Lens Company, The. (See Williams, F. P., and Smith, assignors.)
- Unkles, Edward H., Weehawken, N. J., assignor to Trans-Lux Corporation, New York, N. Y. Typing-projection system. 2,307,433; Jan. 5.
- Upham, George R., New Southgate, and A. J. Sibley, London, England. Hook coupling. 2,327,751; Aug. 24.
- Unterguggenberger, Hermann. (See Schmitz, H. P., and Unterguggenberger.)
- Upham, Burt F., Grimsby, Ontario, Canada. Bed motion for printing presses. 2,315,142; Mar. 30.
- Upham, Harry E., Bridgeport, Conn., assignor to Romington Rand Inc., Buffalo, N. Y. Shaver head guard. 2,320,807; June 1.
- Upjohn Company, The. (See Rosemer, Paul J., assignor.)
- Upjohn Company, The. (See Cartland, G. F., and Kulzenga, assignors.)
- Upjohn Company, The. (See Woodruff, Eugene H., assignor.)
- Usselman, William K., Atlantic City, N. J. Fish lure. 2,315,304; Mar. 30.
- Upright, Richard M. (See Collings, W. R., Freeman, and Upright.)
- Upright, Warren A., Highland, Calif. Saw set and jointer. 2,336,761; Dec. 14.
- Upton, Frank A. (See Ducommun, J. C., and Upton.)
- Upton, Walter L., Litchfield, assignor to The Torrington Manufacturing Co., Torrington, Conn. Propeller type ventilator fan. 2,317,502; Apr. 27.
- Upton, Albert L., St. Louis, Mo. Radio receiving system. 2,323,858; July 6.
- Upton, Albert L., St. Louis, Mo. Theater sound system. 2,328,369; Aug. 31.
- Upton, Charles H., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Expressing press. 2,320,765; June 1.
- Upton, Charles H., assignor to The French Oil Mill Machinery Company, Piqua, Ohio. Liquid expressing press. 2,335,819; Nov. 30.
- Upton, George, Newton, Mass., assignor to American Sandpaper Company, Abrasive article. 2,318,907; May 11.
- Upton, John, assignor, by mesne assignments, to Anderson Products, Inc., Cambridge, Mass. Pile shield. 2,308,793; Jan. 19.
- Urbain, Leon F., Chicago, Ill. Display board construction. 2,319,278; May 18.
- Urbain, Oliver M., Columbus, assignor to C. H. Lewis, Harpster, Ohio. Preparing a reagent for the treatment of liquids. 2,309,365; Jan. 26.
- Urbain, Oliver M., Columbus, assignor to C. H. Lewis, Harpster, Ohio. Preparation of reagents for the treatment of liquids. 2,309,366; Jan. 26.
- Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Base exchange material and the preparation thereof. 2,309,363; Jan. 26.
- Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Hydrogen exchange material and preparation thereof. 2,309,364; Jan. 26.
- Urak, John C., St. Paul, Minn. Bed. 2,326,183; Aug. 10.
- Urbschat, Ewald, and F. Heckmanns, Leverkusen I. G. Werk, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Parasitocides. 2,325,720; Aug. 3.
- Uremovich, Mark, Milwaukee, Wis. Saw guard. 2,313,686; Mar. 9.
- Urer, Adolf, New Rochelle, N. Y. Altimeter regulator. 2,323,166; June 29.
- Urie, Roland W., Parsons, Kans. Hospital bed. 2,337,284; Dec. 21.
- Urmetz, Walter W., Parma, assignor to The Ferro Engineering Company, Cleveland, Ohio. Stripping mechanism. 2,317,565; Apr. 27.
- Urmy, Percival, Berkeley, Calif. Bowling game. 2,336,427; Dec. 7.
- Urquhart, George G., Cynwyd, Pa. Producing lactic acid esters. 2,315,168; Mar. 30.
- Urquhart, Kenneth M., New York, N. Y. Double seated valve. 2,311,009; Feb. 16.
- Urquhart, Kenneth MacK., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Tube cleaning device. 2,328,865; Sept. 7.
- Urquhart, Radcliffe M., Montgomeryville, Pa. Apparatus for making cellular masses. 2,324,605; July 20.
- Urs, Mary L., Cincinnati, Ohio. Spacer for hair waving. 2,330,128; Sept. 21.
- Urschel, Bertis H., Bowling Green, Ohio. Vehicle stabilizer-forming apparatus. 2,318,344; May 4.
- Urschel, Joe R., Valparaiso, Ind., and W. de Back, assignors to Chisholm-Ryder Company, Incorporated, Niagara Falls, N. Y. String bean grader. 2,335,891; Dec. 7.
- Urschel, William E., Valparaiso, Ind. Molding and depositing machine for solidifiable plastic materials. 2,314,468; Mar. 23.
- Urschel, William E., Valparaiso, Ind. Beet harvester. 2,331,520; Oct. 12.
- Ushakoff, Alexis E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shrinking machine. 2,315,676; Apr. 6.
- Ushakoff, Alexis E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for covering articles. 2,328,695; Sept. 7.
- Usher, Vernon C. (See Haugh, Raymond R., assignor.)
- Uslan, George, Irvington, assignor of one-fourth to D. Olden, Englewood, N. J. Height gauge. 2,325,538; July 27.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency modulator. 2,309,083; Jan. 26.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Radio transmitter. 2,313,850; Mar. 10.
- Usselman, George L., Rocky Point, N. Y., assignor to Radio Corporation of America. Transmission line. 2,317,503; Apr. 27.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency modulator. 2,318,979; May 11.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Thyrite protective device. 2,320,958; June 1.
- Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency modulation. 2,326,314; Aug. 10.
- Utesch, Donald N. (See Humbaugh, R. H., and Utesch.)
- Utterback, Ernest, Upper Darby, Pa., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for coking oils. 2,317,566; Apr. 27.
- Utterback, Ernest, Upper Darby, Pa., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Coking process. 2,318,131; May 4.
- Utterback, Ernest, Oakmont, Pa., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Making contact masses. 2,331,521; Oct. 12.
- Utterback, James G., Fairfax, Ohio. Wall cleaning device. 2,335,623; Nov. 30.
- Uttilite Distributors, Inc. (See Anderson, Eric M., assignor.)
- Utilities Patents Trust. (See Cowles, Irving, assignor.)
- Utility Electric Corp. (See Bahkle, A. F., Moeller, and Sheppard, assignors.)
- Utility Patents Trust. (See Cowles, I., and Lotz.)
- Utz, Chester C., Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich. Vehicle suspension. 2,309,811; Feb. 2.
- Utz, Chester C., Magnolia, Bedford Station, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle suspension. 2,309,812; Feb. 2.
- Utz, George, Maple Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Fluid transmission. 2,335,091; Nov. 23.
- Uvalde Rock Asphalt Company. (See Alvey, G. H., and Humert, Jr., assignors.)
- V. Berlichingen, Margot. (See v. Berlichingen, Maximilian and Margot.)
- V. Berlichingen, Maximilian and M. Jamalca, N. Y. Metalworking machine. 2,325,827; Aug. 2.
- V. Bock, Bernd, and H. Ufer, Ludwigshafen-on-the-Rhine, and H. Kleiner, Cologne-Mulheim, Germany, assignors to General Aniline & Film Corporation. Azo dyestuffs and coloring therewith. 2,314,440; Mar. 23.
- "V" Cutter Corporation. (See Romanoff, Hippolyte W., assignor.)
- V & O Press Company, The. (See Gliffen, James L., assignor.)
- Vaala, Gordon T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticized polyamide. 2,311,587; Feb. 16.
- Vacha, Norman H., assignor to John C. Virden Company, Cleveland, Ohio. Lighting fixture. 2,335,218; Nov. 23.
- Vacuum Air Pressure Company Limited, The. (See Bush, David, assignor.)
- Vacuum Concrete, Inc. (See Billner, Karl P., assignor.)
- Vail, John L., Middlebury, Conn., assignor to The American Brass Company. Flexible metal hose. 2,309,719; Feb. 2.
- Vaillant, Henry, Paterson, N. J. Armature winding. 2,315,300; Mar. 30.
- Vaipan, George A., Tyonek, Alaska. Lever action table saw set device. 2,336,971; Dec. 14.
- Vaipan, George A., Tyonek, Alaska. Lever action table saw set device. 2,336,972; Dec. 14.
- Valdez, Rafael, New York, N. Y. Gaseous diffuser. 2,321,879; June 15.
- Valensi, Georges, Paris, France; vested in the Alien Property Custodian. Communication system. 2,313,209; Mar. 9.
- Valentine, Frank B., Chicago, Ill. Eyeglasses. 2,331,640; Oct. 12.
- Valentine, Joseph E., Plainfield, N. J., and R. J. Peña, New York, N. Y., assignors, by mesne assignments, to Oxzyx Company, Clifton, N. J. Powder puff, and similar article, and making the same. 2,337,695; Dec. 28.
- Valentine, Percy W. (See Ries, Herman J., assignor.)
- Valentine, Percy W. (See Soltan, Alexander, assignor.)
- Valentine, Vincent, Cleveland, Ohio. Garment trimming apparatus. 2,332,358; Oct. 19.
- Valentine, Warren P., Yeadon, Pa. Pump valve. 2,313,284; Mar. 9.

- Valenzuela, Pedro, assignor of one-half to Ismael Spencer, Presidio, Tex. Belt clip for pistols. 2,320,450; June 1.
- Valiton, Frederick H., Deer Lodge, Mont. Dispensing nozzle. 2,329,426; Sept. 14.
- Vallandigham, Vance V., assignor to Coe Laboratories, Inc., Chicago, Ill. Dental impression material. 2,315,465; Mar. 30.
- Valles Sanchez, Jose M., Madrid, Spain. Making pavements and the like. 2,320,670; Sept. 14.
- Valley Shoe Corporation. (See Browne, Marion B., assignor.)
- Vallier, Elijah G., Wauwatosa, assignor to Western States Envelope Company, Milwaukee, Wis. Envelope machine attachment. 2,334,658; Nov. 16.
- Vallier, Wilfred F., Fort Smith, Ark. Rotary valve engine. 2,310,134; Feb. 2.
- Valinus, Nicholas, New York, N. Y. Airplane with self-opening parachute. 2,324,045; July 13.
- Vallone, Antonio, New York, N. Y. Combination display fan. 2,334,298; Nov. 16.
- Valusek, Ladd J., assignor to General Motors Corporation, Detroit, Mich. Material handling device. 2,321,266; June 8.
- Valve Pilot Corporation. (See Welden, Fay D., assignor.)
- Valverde, Robert, New York, N. Y. Hair drier. 2,335,553; Nov. 30.
- Van Amelo, Frederick K., Nassau, assignor to Consolidated Car Heating Company, Inc., Albany, N. Y. Heating device. 2,319,711; May 18.
- Van Amelo, C. F., Nassau, assignor to Consolidated Car Heating Company, Inc., Albany, N. Y. Heating. 2,333,602; Nov. 2.
- Van Amerongen, William, and J. N. Boyce, assignors to The Technical Casting & Manufacturing Co., Akron, Ohio. Finning. 2,326,418; Aug. 10.
- Van Andel, Alfred. (See Bennett, O. G., and Van Andel.)
- Van Arendonk, Arthur M. (See Shonle, H. A., and Van Arendonk.)
- Van Arsdale, Malcolm G., Jr. (See Van Arsdale, M. G., and M. E., Jr.)
- Van Arsdale, Malcolm G., and M. G., Jr., Brielle, N. J. Footwear. 2,334,659; Nov. 16.
- Vanasse, Armand A., Waterbury, Conn. Combination tool. 2,330,092; Sept. 21.
- Van Berg, William, Highland Park, assignor to General Motors Corporation, Detroit, Mich. Dock board. 2,327,138; Dec. 15.
- Van Berkel, Cornelis F. M., Wassenaar, Netherlands, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,309,554; Jan. 26.
- Van Brederode, Henry C., Bronxville, N. Y., assignor to Celanese Corporation of America. Dim-out material. 2,313,901; Mar. 16.
- Van Briesen, Karl. (See Braunschmidt, L., van Briesen, and Hissbach.)
- Van Brocklin, Charles S., Portsmouth, N. H. Dispensing device. 2,324,441; July 13.
- Van Brunt Manufacturing Company, The. (See Hyland, William A., assignor.)
- Van Brunt Manufacturing Company, The. (See Hyland, W. A., and Kornsgraber, assignors.)
- Van Buren, Harry, Carlsbad, N. Mex. Line guide for copylithers. 2,331,149; Oct. 5.
- Van Buskirk, Carroll F. (See Oberdorfer, H. D., and Van Buskirk.)
- Van Buskirk, Paul R., Detroit, Mich. Engineer's tape box. 2,312,943; Mar. 2.
- Vanbussum, Shreen M., Henderson, Ky. Home for wild life. 2,324,339; July 13.
- Van Campen, Marcus G., Jr. (See Shelton, R. S., and Van Campen.)
- Vance, Arthur W. (See Flory, L. E., and Vance.)
- Vance, Arthur W., Moorestown, and J. M. Morgan, Haddonfield, N. J., assignors to Radio Corporation of America. Filament transformer. 2,334,519; Nov. 16.
- Vance, Donald H., Philadelphia, Pa., assignor to Radio Corporation of America. Continuously variable inductance device. 2,331,522; Oct. 12.
- Vance, Leonard C. (See Stutsman, C. L., and Vance.)
- Vance, Paul, et al. (See Roth, William A., assignor.)
- Vancil, Edgar D. (See Hawley, A. H., Sr., and Vancil.)
- Vancil, Edgar D., and W. Tribble, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Safety control for machine tools. 2,308,728; Jan. 19.
- Van der Hoff, John C., Maplewood, N. J., assignor to Gaylord Container Corporation, St. Louis, Mo. Container. 2,330,093; Sept. 21.
- Van Cleave, Edwin E., Chicago, Ill. Railway car hand brake. 2,310,135; Feb. 2.
- Van Cleave, Edwin E., Chicago, Ill. Hand wheel. 2,311,269; Feb. 16.
- Van Cleave, Edwin E., Chicago, Ill. Railway car hand brake. 2,313,602; Mar. 9.
- Van Cleef Bros. (See Van Cleef, Felix, assignor.)
- Van Cleef Bros. (See Wood, Raymond E., assignor.)
- Van Cleef, Felix, assignor to Van Cleef Bros., Chicago, Ill. Panel structure. 2,326,581; Aug. 10.
- Van Cott, Frank J., and L. J., Unadilla, N. Y. Stall partition. 2,326,582; Aug. 10.
- Van Cott, Frank J., and L. J., Unadilla, N. Y. Silo door fitting. 2,326,583; Aug. 10.
- Van Cott, Leon J. (See Van Cott, Frank J., and L. J.)
- Van Court, Ruth, New York, N. Y. Nonfraying fabric strip. 2,319,019; May 11.
- Van Daam, Gerrit, Buffalo, N. Y. Heating wings of airplanes. 2,309,682; Feb. 2.
- Van Daam, Gerrit, Buffalo, N. Y. Electric heater. 2,313,786; Mar. 16.
- Van Dam, Alexis. (See Horowitz, A., and van Dam.)
- Van Deinsse, Paulus J. A., Fillmore, Calif. Letter page end indicating device. 2,335,082; Nov. 23.
- Van de Griendt, Gerald H., San Francisco, K. E. Marple, Oakland, and L. M. Peters, assignors to Shell Development Company, San Francisco, Calif. Production of polyhydric alcohols. 2,318,032; May 4.
- Van de Griendt, Gerald H., San Francisco, K. E. Marple, Oakland, and L. M. Peters, assignors to Shell Development Company, San Francisco, Calif. Production of alcohols. 2,318,033; May 4.
- Van Degrift, Thomas C. (See Hope, L. F., Van Degrift, and Huber.)
- Van den Akker, Johannes A., assignor to The Institute of Paper Chemistry, Appleton, Wis. Photometer. 2,312,010; Feb. 23.
- Van den Akker, Johannes A., assignor to The Institute of Paper Chemistry, Appleton, Wis. Apparatus for measuring the water resistance of paper. 2,329,959; Sept. 21.
- Van den Berg, Alan J., New York, N. Y. Temperature water meter. 2,316,198; Apr. 13.
- Van den Berge, Jacob, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Plastic puttylike asphalt composition and making same. 2,327,752; Aug. 24.
- Vanden Bergh, Alfred, Greer, Bay, Wis. Drive for paper manufacturing machines. 2,323,168; June 29.
- Van den Bogaerde, Arthur, Jr., Los Angeles, Calif. Leash stick. 2,322,897; June 29.
- Van den Broek, Gerhard J., Nijmegen, Netherlands, vested in the Alien Property Custodian. Apparatus for the manufacture of photographic prints. 2,317,655; Apr. 27.
- Van der Clute, William W., Elizabeth, N. J. Clothespin. 2,310,156; Feb. 2.
- Vandercook, David D. (See Vandercook, Edward O. and D. D.)
- Vandercook, Edward O., Kenilworth, and D. D. Vandercook, Evanston, assignors to Vandercook & Sons, Chicago, Ill. Proof press. 2,319,961; May 25.
- Vandercook & Sons. (See Vandercook, Edward O., and D. D., assignors.)
- Van der Heem, Jan, The Hague, Netherlands; vested in the Alien Property Custodian. Electric vacuum cleaner having a suction set which is movable over the surface to be cleaned. 2,328,514; Aug. 31.
- Van Derhoef, Henry E., assignor to Eastman Kodak Company, Rochester, N. Y. Film forming apparatus. 2,308,034; Jan. 12.
- Vanderhoff, Russell E. (See Weber, M. J., and Vanderhoff.)
- Van der Horst Corporation of America. (See Van der Horst, Hendrick, assignor.)
- Van der Horst, Hendrick, Hilversum, Netherlands, assignor, by mesne assignments, to Van der Horst Corporation of America. Producing chromium wearing surfaces. 2,314,604; Mar. 23.
- Van der Kleef, Patricia E., Darien, Conn. Vehicle attachment. 2,322,403; June 22.
- Van der Kroon, Henricus A. (See Koch, T., and van der Kroon.)
- Van der Mark, Jan. (See Hepp, G., and van der Mark.)
- Van der Meulen, Marius J. C., Eindhoven, Netherlands; vested in the Alien Property Custodian. Recording and reproducing stereophonic sound vibrations. 2,336,276; Dec. 7.
- Van der Mey, Wyte H. (See Groenenberg, M. J., van der Mey, and van Lammeren.)
- Van der Meer, Willem D. (See Went, J. J., van Nooyen, and van der Meer.)
- Vanderpoel, Albert G. H., assignor to California Machinery & Supply Co., Ltd., Los Angeles, Calif. Electrical circuit breaker system for ignition systems and the like. 2,311,270; Feb. 16.
- Van der Plas, Franciscus J. F., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2,322,083; June 15.
- Van der Pyl, Edward, Holden, Mass., assignor to Agieide Laboratories, Inc., Racine, Wis. Molded article. 2,319,182; May 11.
- Van der Pyl, Edward, Holden, assignor to Norton Company, Worcester, Mass. Sandblast nozzle. 2,332,281; Oct. 19.
- Van der Pyl, Edward, Holden, assignor to Norton Company, Worcester, Mass. Peripheral diamond grinding wheel. 2,334,048; Nov. 9.
- Van der Pyl, Edward, Holden, assignor to Norton Company, Worcester, Mass. Cup shaped abrasive wheel and making the same. 2,334,049; Nov. 9.
- Vanderveer, Charles, Jr., et al. (See Ericson, Albert A., assignor.)
- Vanderveer, Jewell W., Erie, Pa. Pole reinforcement device. 2,327,681; Aug. 24.
- Vandervell Products Limited. (See Johnson, Ernest W., assignor.)
- Vandervilt, Byron M. (See Frolich, P. K., and Vandervilt.)
- Vander Wal, Robert J. (See Ralston, A. W., and Vander Wal.)

- Van Der Werff, Jacob B., Pasadena, Calif., assignor to Adel Precision Products Corp. Hydraulic actuator for hydraulic control valves. 2,321,267; June 8.
- Van der Werff, Jacob B., Pasadena, Calif., assignor to Adel Precision Products Corp. Adjustable hydraulic control valve. 2,323,947; July 13.
- Van der Willigen, Paul C. (See Verwey, E. J. W., van der Willigen, and Hoekstra.)
- Vanderzee, Harry H., Michigan City, Ind., assignor to Sullivan Machinery Company. Rotary drilling apparatus. 2,309,999; Feb. 2.
- Vanderzee, Harry H., Claremont, N. H., assignor to Sullivan Machinery Company. Drilling apparatus. 2,310,000; Feb. 2.
- Vanderzee, Harry H., Michigan City, Ind., assignor to Sullivan Machinery Company. Hydraulically operated apparatus. 2,322,739; June 22.
- Vanderzee, Harry H., Claremont, N. H., and A. E. Felt, Marquette, Mich., assignors to Sullivan Machinery Company. Hydraulically operated apparatus. 2,322,740; June 22.
- Van der Ziel, Aldert. (See Alma, G. H. P., Strutt, and van der Ziel.)
- Van der Ziel, Aldert. (See Strutt, M. J. O., and van der Ziel.)
- Van der Ziel, Aldert, and K. S. Knol, Eindhoven, Netherlands; vested in the Alien Property Custodian. Circuit for amplifying electric oscillations. 2,312,509; Mar. 2.
- Van der Ziel, Aldert, M. J. O. Strutt, and K. S. Knol, Eindhoven, Netherlands; vested in the Alien Property Custodian. Amplifying circuit for ultra-short waves. 2,312,510; Mar. 2.
- Van der Ziel, Aldert, and K. S. Knol, Eindhoven, Netherlands; vested in the Alien Property Custodian. High frequency amplifier circuit. 2,314,958; Mar. 30.
- Van der Ziel, Aldert, and M. J. O. Strutt, Eindhoven, Netherlands; vested in the Alien Property Custodian. Push-pull amplifying systems for ultra-high frequencies. 2,335,820; Nov. 30.
- Van der Ziel, Aldert, and M. J. O. Strutt, Eindhoven, Netherlands, assignors to Radio Corporation of America. Ultra-short wave amplifier. 2,312,739; Mar. 2.
- Van Deventer, Harry R., and J. Deana, assignors to National Plastics, Inc., Knoxville, Tenn. Sheave or pulley, particularly adapted for looms. 2,315,301; Mar. 30.
- Van Deventer, Harry R., assignor to Peatphone Corporation, New York, N. Y. Operating phonographs. 2,313,651; Mar. 16.
- Van Deventer, Harry R., assignor to Peatphone Corporation, New York, N. Y. Telephone system employing phonographs. 2,313,852; Mar. 16.
- Van Deventer, Harry R., assignor to Peatphone Corporation, New York, N. Y. Telephone system employing phonographs. 2,321,053; June 8.
- Van Deventer, Harry R., assignor, by mesne assignments, to Telephone Answering and Recording Corporation, New York, N. Y. Combined telephone and phonograph. 2,332,359; Oct. 19.
- Vandiver, Matthew L., Shreveport, La. Chick feeder. 2,332,821; Oct. 26.
- Van Doren, Harold, and D. E. Dalley, Toledo, Ohio, assignors to Burch Manufacturing Company, Jackson County, Mo. Popcorn machine. 2,324,046; July 13.
- Van Dorn Iron Works Company, The. (See Farrar, Alvin J., assignor.)
- Van Dranen, Willem N., De Bilt, Netherlands; vested in the Alien Property Custodian. Filter card. 2,313,304; Mar. 9.
- Van Dresser, William C., Detroit, Mich. Visor structure. 2,322,998; June 29.
- Van Duuren, Hendrik C. A., Wassenaar, assignor to Kingdom of The Netherlands, Post Office Administration, The Hague, Netherlands. Printing telegraph systems. 2,313,980; Mar. 16.
- Van Dyk, Victor R., Lewiston, and Mort Early, Moscow, Idaho. Cover for meter boxes. 2,316,302; Apr. 13.
- Van Dyke, Walter H., Peabody, Mass., assignor to Sylvania Electric Products Inc. Lamp exhaust method. 2,313,788; Mar. 16.
- Van Dyke, William D. (See Murdoch, A., and Van Dyke.)
- Van E. Howard H., Cincinnati, Ohio. Geometrical instrument. 2,309,809; Feb. 2.
- Van Eck, Cornelius B., Grand Rapids, assignor to Progressive Welder Company, Detroit, Mich. Welding gun. 2,314,320; Mar. 16.
- Van Embden, Hendrik J. M., Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn. High-frequency induction furnace. 2,308,945; Jan. 19.
- Van Ess, Paul R., Berkeley, and E. R. White, Albany, Calif., assignors to Shell Development Company, San Francisco, Calif. Addition agents for lubricants. 2,316,903; Apr. 20.
- Van Fossen, Ralph A. (See Phillips, W. D., and Van Fossen.)
- Van Geel, Willem C. (See Esseling, L. A. L., and van Geel.)
- Van Geel, Willem C., H. Emmens, and L. A. L. Esseling, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Making blocking layer electrode systems. 2,310,002; Feb. 2.
- Van Geem, John D., Erie, Pa. Contalner. 2,312,202; Feb. 23.
- Van Gelderen, John, Union City, N. J. Apparatus for cleaning tanks. 2,324,804; July 20.
- Van Gieson, Victor M., Albuquerque, N. Mex. Airship. 2,327,143; Aug. 17.
- Van Grafelandt, Wesley. (See Schade, W., Tolle, and van Grafelandt.)
- Van Guibler, Walter, River Forest, assignor to Precision Scientific Company, Chicago, Ill. Thermostat. 2,325,197; July 27.
- Van Haften, Ebert, Lancaster, Pa. Motor-driven brush. 2,317,314; Apr. 20.
- Van Haften, Freeman, assignor to Electric Sorting Machine Company, Grand Rapids, Mich. Sorting machine feeding and ejecting device. 2,316,376; Apr. 13.
- Van Halteren, Andrew S., East Lansing, and C. W. Gressle, assignors to Motor Wheel Corporation, Lansing, Mich. Making brake drums. 2,316,029; Apr. 6.
- Van Hoorn, Adrian J., Sutton, and G. Thurmer, Banstead, England, assignors to The Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Vaporization of metals. 2,334,138; Dec. 17.
- Van Hoorn, Albert W. W., Holly Oak, Del. Boat hull construction. 2,326,080; Aug. 3.
- Van Hoose, Neal, Belleville, Ill., assignor of one-half to Robert J. Harding, East St. Louis, Ill. Solid-fuel heating device. 2,330,094; Sept. 21.
- Van Houten, Elmer F., Muskogee, Okla. Combination truck and passenger vehicle. 2,307,172; Jan. 5.
- Van Horn, Arthur H., Rocky River, assignor to Cornell Securities Corporation, Cleveland, Ohio. Closing ring. 2,310,901; Feb. 9.
- Van Horn, Arthur H., Rocky River, assignor to Cornell Securities Corporation, Cleveland, Ohio. Closing ring. 2,314,359; Mar. 9.
- Van Horn, Irving H., East Cleveland, Ohio, assignor to General Electric Company. Electric lamp. 2,326,419; Aug. 10.
- Van Horn, Irving H., East Cleveland, Ohio, assignor to General Electric Company. Cutout for electric lamps. 2,336,903; Dec. 14.
- Vanhorn, James J., Pittsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,312,740; Mar. 2.
- Van Horn, James J., Pittsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,313,903; Mar. 16.
- Van Horn, James J., Pittsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,318,545; May 4.
- Van Horn, James J., Pittsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,333,963; Nov. 9.
- Vanhorn, James J., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,307,476; Jan. 5.
- Van Horn, Oertel F., New York, N. Y., K. W. Kinney and F. W. McGlohn, Grand Junction, Colo., assignors to Automatic Appliance Corporation, New York, N. Y. Magazine for firearms. 2,314,497; Feb. 16.
- Van Horn, Oertel F., New York, and J. D. Whittaker, Babylon, assignors to Automatic Appliance Corporation, New York, N. Y. Firearm. 2,324,125; July 13.
- Vani, James, assignor to Chicago Metal Mfg. Co., Chicago, Ill. Door hinge. 2,337,948; Dec. 28.
- Van Ingen Schenau, Bernardus W. (See van Slooten, Jan, and van Ingen Schenau.)
- Van Ischem, Edmond J., Overland, assignor of one-half to H. W. Whitaker, Clayton, Mo. Handbag and similar portable enclosure. 2,315,169; Mar. 30.
- Vanity Fair Mills, Inc. (See Amidon, Roy C., assignor.)
- Vanity Fair Mills, Inc. (See Burns, Charles R., assignor.)
- Vanity Fair Silk Mills. (See Snader, Howard B., assignor.)
- Van Lammeren, Johannes A. (See Groenberg, M. J., van der Mey, and van Lammeren.)
- Van Lammeren, Johannes A., and J. W. Alexander, Eindhoven, Netherlands, assignors to Radio Corporation of America, New York, N. Y. Wireless receiving set. 2,320,808; June 1.
- Van Leeuwen, G. Hendrik, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Impermeabilizing, tightening, or consolidating grounds and other earthy and stony masses and structures. 2,329,148; Sept. 7.
- Van Leeuwen, Gerrit H., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Process of impermeabilizing, tightening, or consolidating grounds and other earthy and stony masses and structures. 2,319,020; May 11.
- Van Liempt, Johannes A. M., Eindhoven, Netherlands; vested in the Alien Property Custodian. Flash-light lamp. 2,315,099; Mar. 30.
- Van Loo, William J., Jr. (See Johnstone, E. P., Jr., and van Loo.)
- Van Manteuffel, Gert Z., and F. Waack, Berlin, Germany; vested in the Alien Property Custodian. Gyroscope. 2,315,167; Mar. 30.
- Van Meter, Ceton, Newport, Ky. Ladder foot. 2,309,484; Jan. 26.
- Vann, Frank J., Montreal, Quebec, Canada. Boring tool. 2,334,363; Nov. 16.

- Van Ness, Henry E., and J. MacBlane, Elmira, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Automatic cut-off and swaging machine tool. 2,326,106; Aug. 3.
- Van Nest, Arden L., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Article working apparatus. 2,337,696; Dec. 28.
- Van Nest, Francis H., Marblehead, Mass., assignor to General Electric Company. Relief valve. 2,319,021; May 11.
- Van Nest, Francis H., Marblehead, Mass., assignor to General Electric Company. Hydraulic governing mechanism. 2,333,454; Nov. 2.
- Van Nooyen, Pieter. (See Went, J. J. van Nooyen, and van der Moer.)
- Van Norman Company. (See Pyne, Roger S., assignor.)
- Van Norman Machine Tool Company. (See Curtis, Frank W., assignor.)
- Van Norstrand, Ralph E., Suffield, Conn. Cigarette extinguisher. 2,322,604; June 22.
- Van Orden, Paul W., Cuyaboga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Conveyor belt. 2,310,819; Feb. 9.
- Van Over, Charles D. L., Union, assignor to Woburn Degreasing Company, Harrison, N. J. Insecticide. 2,333,061; Oct. 26.
- Van Overeem, Marius L., Hilversum, Netherlands; vested in the Alien Property Custodian. Phonograph turntable driving device. 2,328,515; Aug. 31.
- Van Pelt, Charles H. C. (See Ducker, L. F., and Little, assignors.)
- Van Pelt, Percy E., Oakdale, Calif. Pump primer. 2,329,495; Sept. 14.
- Van Raalte Company, Inc. (See Hayes, C. B., and Czech, assignors.)
- Van Rossem, Walter J., assignor to Surgident, Ltd., Los Angeles, Calif. Molding flask. 2,314,377; Mar. 23.
- Van Rossem, Walter J., assignor to Surgident, Ltd., Los Angeles, Calif. Molding method. 2,314,378; Mar. 23.
- Van Ryan, Anthony. (See Lindell, S. I., and Van Ryan.)
- Van Ryan, Anthony, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Switch construction. 2,324,047; July 13.
- Van Saun, Raymond H., assignor to Container Corporation of America, Chicago, Ill. Interior packing device. Re. 22,305; Apr. 20.
- Van Saun, Raymond H., assignor to Container Corporation of America, Chicago, Ill. Stapling machine. 2,320,684; June 1.
- Vanselow, Waldemar. (See Sheppard, S. E., and Vanselow.)
- Vanselow, Waldemar. (See Snell, J. M., Vanselow, and Weissberger.)
- Van Sickels, John H., assignor to Imperial Tobacco Company of Canada Limited, Montreal, Quebec, Canada. Cigarette container. 2,329,866; Sept. 21.
- Van Sittert, Paul, Shaker Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Power-driven portable tool. 2,331,874; Oct. 19.
- Van Sittert, Paul, Shaker Heights, and A. J. Lev, Garfield Heights, assignors to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Nut setter. 2,313,603; Mar. 9.
- Van Sittert, Paul, Shaker Heights, and A. J. Lev, Garfield Heights, assignors to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Pliers. 2,328,866; Sept. 7.
- Van Slooten, Jacob, and B. W. van Ingen Schenau, Eindhoven, Netherlands, assignors to Radio Corporation of America. Amplifier control circuits. 2,316,474; Apr. 13.
- Van Slooten, Jacob, and R. F. Volz, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Low frequency amplifier. 2,323,634; July 6.
- Van Slyke, Leland M., North Hollywood, Calif. Adz attachment for hammers. 2,327,682; Aug. 24.
- Vantassel, Harry C., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,328,180; Aug. 31.
- Van Triest, William, Pittsburgh, Pa. Seam marking and measuring device. 2,312,136; Feb. 23.
- Van Triest, William, Pittsburgh, Pa. Grinder attachment. 2,316,904; Apr. 20.
- Van Tuyl, Sidney E., Riverside, Ill., assignor to American Tag Company, Chicago, Ill. Marking tag. 2,331,250; Oct. 5.
- Van Tuyl, Sidney E., Riverside, Ill., assignor to American Tag Company, Chicago, Ill. Tag printing machine. 2,331,251; Oct. 5.
- Van Tuyl, Sidney E., Riverside, Ill., assignor to American Tag Company, Chicago, Ill. Tag fastening machine. 2,331,252; Oct. 5.
- Van Tuyl, Sidney E., Riverside, assignor to American Tag Company, Chicago, Ill. Label handling apparatus. 2,334,458; Nov. 16.
- Van Tuyl, Thomas, and C. B. Hale, Chicago, Ill. Vehicle brake signal. 2,326,808; Aug. 17.
- Van Uum, John H., Lakewood, Ohio. Snap fastening device for anchoring conduits and the like. 2,336,656; Dec. 14.
- Van Valkenburg, Hermon L., Wauwatosa, W. Va., assignor to Square D Company, Detroit, Mich. Electric switch. 2,308,406; Jan. 12.
- Van Valkenburg, Hermon L., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. Contactor. 2,329,016; Sept. 7.
- Van Valkenburgh, Cecil J., Belleville, Mich. Clothes line tightener. 2,311,792; Feb. 23.
- Van Vliet, Paul D. (See Jordan, W. D., and Van Vliet.)
- Van Voorhees, Harold E., Detroit, Mich. Muffler. 2,315,305; Mar. 30.
- Van Voorhees, Harold E., Detroit, Mich., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Automobile door latch mechanism. 2,329,232; Sept. 14.
- Van Voorhis, William G. (See Hollmann, H., Van Voorhis, George, and Gerdeman.)
- Van Voorhis, William G., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Crawler drive mechanism. 2,320,019; May 25.
- Van Voorhis, William G., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Grade indicator for trenching machines. 2,334,459; Nov. 16.
- Van Vulpen, John, assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Ventilated vapor regulator. 2,323,259; June 29.
- Van Vulpen, John, and E. E. Stenzel, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. System for providing hot wash water. 2,307,341; Jan. 5.
- Van Weel, Adelbert, Eindhoven, Netherlands; vested in the Alien Property Custodian. Transmitting or receiving device comprising a dipole antenna. 2,315,170; Mar. 30.
- Van Weenen, Francisus L. (See Cramwinckel, A., Dippe, Keuning, and Van Weenen.)
- Van Wert, Leland R., assignor to Leeds & Northrup Company, Philadelphia, Pa. Thermocouple element. 2,330,018; Sept. 21.
- Van Wingen, Neil P., assignor to American Box Board Company, Grand Rapids, Mich. Container. 2,310,136; Feb. 2.
- Van Wyten, Kenneth G., Ramsey, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Two-way telephone transmission system. 2,326,081; Aug. 3.
- Van Zandt, John H., Dallas, Tex. Heating system. 2,331,875; Oct. 19.
- Van Zelm, Willem D., Ruxton, assignor to The Glenn L. Martin Company, Middle River, Md. Cargo landplane. 2,323,279; June 29.
- Van Zelst, Johannes Jacobus Zaalberg, Eindhoven, Netherlands, assignor, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Multiplex telephony system. 2,326,584; Aug. 10.
- Van Zwet, Willem L. C., Eindhoven, Netherlands; vested in the Alien Property Custodian. Producing ceramic bodies. 2,322,179; June 15.
- Vapor Car Heating Company. (See Lehane, Timothy J., assignor.)
- Vapor Car Heating Company. (See Lehane, T. J., and Burgess, assignors.)
- Vapor Car Heating Company. (See Parks, P. B., and Leane, assignors.)
- Vapor Car Heating Company. (See Parks, P. B., and Peterson, assignors.)
- Vapor Car Heating Company. (See Stenzel E., and Lindrock, assignors.)
- Vapor Car Heating Company. (See Van Vulpen, John, assignor.)
- Vapor Car Heating Company. (See Van Vulpen, J., and Stenzel, assignors.)
- Vapo-Therm Process Company. (See Hillebrand, William E., assignor.)
- Varga, Andor, Ilkley, near Leeds, England. Treatment of wools or fleeces produced on carding engines. 2,323,167; June 29.
- Varian, Russell H. (See Hansen, W. W., and Varian, Russell H. and S. F.)
- Varian, Russell H., West Hemstead, and W. W. Hansen, Garden City, N. Y., assignors to The Board of Trustees of The Leland Stanford Junior University, Stanford University, Calif. High frequency electrical apparatus. 2,307,086; Jan. 5.
- Varian, Sigurd F. (See Hansen, W. W., and Varian, Russell H. and S. F.)
- Varis, Peter, New York, N. Y. Opposed piston type steam engine. 2,330,937; Oct. 5.
- Varley, Ernest V., assignor to Staines Kitchen Equipment Company Limited, London, England. Apparatus for washing cups, mugs, drinking glasses, and similar articles. 2,317,829; Apr. 27.
- Varney, Fred M., and J. A., Los Angeles, Calif. Signaling device detector. 2,329,732; Sept. 21.
- Varney, Justin A. (See Varney, F. M., and J. A.)
- Varney, Justin A., Los Angeles, Calif. Work-setting indicator. 2,337,697; Dec. 28.
- Vasalle, Donald J. (See Keim, C. P., and Vasalle.)
- Vasquez, Conrad. (See Grossguth, T., Spilo, and Vasquez.)
- Vass, Stephen, New York, N. Y. Arch support. 2,330,398; Sept. 28.
- Vassar, Hervey P., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermal demand meter. 2,324,733; July 6.
- Vassilion, Trifon, East Orange, N. J. Heat exchanger. 2,338,018; Dec. 28.

- Vastola, Anthony P., (See Hunn, H. L., and Vastola.)
- Vaughan, Andrew E., Jr. (See Vaughan, Andrew E., and Andrew E., Jr.)
- Vaughan, Andrew E. and A. E., Jr., assignors to The Vaughan Knitting Company, Paterson, Pa. Hosiery shaping device. 2,310,330; Feb. 9.
- Vaughan, Edward C., et al. (See Eubanks, Floyd G., assignor.)
- Vaughan, Francis E., et al. (See Eubanks, Floyd G., assignor.)
- Vaughan, Frank P., A. G. Krueger, N. J. Slye, and J. B. Engel, assignors to Ray West Paper Company, Green Bay, Wis. Web dispenser. 2,308,840; Jan. 13.
- Vaughan, John A., Hempstead, assignor to Reconstructive Finance Corporation, New York, N. Y. Variable ratio gearing. 2,329,683; Sept. 14.
- Vaughan, Joseph A., assignor to Southern Wood Preserving Company, Atlanta, Ga. Method of and apparatus for cleaning and dehydrating oily wood preservatives. 2,314,256; Mar. 16.
- Vaughan, Joseph A., and J. C. Vinson, assignors to Southern Wood Preserving Company, Atlanta, Ga. Apparatus for and method of cleaning and partially dehydrating oily wood preservatives. 2,314,257; Mar. 16.
- Vaughan Knitting Company, The. (See Vaughan, Andrew E., and Andrew E., Jr.)
- Vaughan Machinery Company, The. (See McIlvered, Edwin J., assignor.)
- Vaughan, Paul S., Auburn, assignor to American Locomotive Company, New York, N. Y. Torsional vibration damper. 2,317,990; Apr. 20.
- Vaughan, Philip A., et al. (See Eubanks, Floyd G., assignor.)
- Vaughan, Victor G., assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass. Thermostat and manufacturing the same. 2,317,830; Apr. 27.
- Vaughan, Victor G., assignor to Metals & Controls Corporation, Attleboro, Mass. Thermostatic protective circuit. 2,320,252; May 25.
- Vaughan, Victor G., and J. D. Boleaky, assignors to Metals & Controls Corporation, Attleboro, Mass. Thermostatic device. 2,317,831; Apr. 27.
- Vaughan, Victor G., and J. D. Boleaky, assignors to Metals & Controls Corporation, Attleboro, Mass. Control means. 2,322,675; June 22.
- Vaughan, William E., and F. F. Rust, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Controlled hydrohalogenation of unsaturated organic compounds. 2,307,552; Jan. 5.
- Vaughan, William E., and F. F. Rust, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Catalytic halo substitution of saturated organic compounds. 2,324,248; July 13.
- Vaughan, William E., and F. F. Rust, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Halo substitution of saturated organic compounds. 2,324,249; July 13.
- Vaughn, Isaac N., Bell, Calif. Brake and motor control device. 2,332,122; Oct. 19.
- Vaughn, John P., West End, and R. Wagner, Freehold, N. J. Nursing bottle. 2,330,019; Sept. 21.
- Vaughn Machinery Company, The. (See Nye, Norman H., assignor.)
- Vaughn, Sidney P., Ackerman, Miss. Cleaning device and making same. 2,313,787; Mar. 16.
- Vautier, Leon P. G., Saint Just des Marais, France; vested in the Allen Property Custodian. Method and apparatus for making artificial sponges. 2,332,955; Oct. 26.
- Vautrot, George P., Leavenworth, Kans. Quick action pipe wrench. 2,319,647; May 18.
- Vavrik, Louis, Rossford, and K. C. Atkin, assignors to The American Floor Surfacing Machine Company, Toledo, Ohio. Surface treating machine. 2,318,117; May 4.
- Vavrik, Louis, Rossford, and K. C. Atkin, assignors to The American Floor Surfacing Machine Company, Toledo, Ohio. Surface treating machine. 2,327,229; Aug. 17.
- Vavrik, Louis, Rossford, and K. C. Atkin, assignors to The American Floor Surfacing Machine Company, Toledo, Ohio. Surface treating machine. 2,334,364; Nov. 16.
- Vavroch, Jaroslav, Cedar Rapids, Iowa. Windshield attachment. 2,328,267; Aug. 10.
- Vawter, Will E. (See Parsons, J. A., and Vawter.)
- Vecath, Harry J., Pittsburg, Kans. Object viewing instrument. 2,337,139; Dec. 21.
- Vecchio, Luigi, Syracuse, N. Y. Electrical appliance plug. 2,314,671; Mar. 23.
- Vedder, Edwin H., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge apparatus. 2,308,254; Jan. 12.
- Vedder, Edwin H., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge apparatus. 2,308,255; Jan. 12.
- Vedder, Edwin H., Forest Hills, Pa., and R. W. Staggs, Detroit, Mich., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge apparatus. 2,320,491; June 1.
- Vereall, Rudolph J., Kenilworth, assignor to Chicago Rawhide Manufacturing Company, Chicago, Ill. Seal. 2,311,494; Feb. 16.
- Veeder, Nicholas P., St. Louis, Mo., assignor to Granite City Steel Company, Inc., Granite City, Ill. Galvanized steel and making same. 2,309,801; Feb. 2.
- Veeder-Root Incorporated. (See Bliss, Harvey N., assignor.)
- Veeder-Root Incorporated. (See Orbeck, Einar M., assignor.)
- Veeder-Root Incorporated. (See Slye, Edward A., assignor.)
- Veeder-Root Incorporated. (See Stephenson, Tom, assignor.)
- Veeder-Root Incorporated. (See Tancred, William L., assignor.)
- Veenman, William H., assignor to Frankfort Distilleries, Incorporated, Louisville, Ky. Double bead barrel head. 2,310,885; Feb. 9.
- Veenmans, Cornelis F. (See Alink, R. J. H., de Boer, Klamms and Veenmans.)
- Veenhuizen, Vincent V., assignor to Northern Equipment Company, Erie, Pa. Feed water regulator. 2,314,672; Mar. 23.
- Vega Aircraft Corporation. (See Bloomfield, John J., assignor.)
- Vega Aircraft Corporation. (See Corte, Alfred, assignor.)
- Vega Aircraft Corporation. (See Wassall, J. B., and Wallace, assignors.)
- Vegell, Albert, assignor, by mesne assignments, to Spraying Systems Co., Chicago, Ill. Filling tanks. 2,319,567; May 18.
- Vehicular Parking Ltd. (See Woodruff, W. N., and Toce, assignors.)
- Veit, Herman E., Parkville, assignor to The Glenn L. Martin Company, Baltimore, Md. Sorting machine. 2,310,691; Feb. 9.
- Velan, Karl. (See Gilli, P., and Velan.)
- Velander, Kyle L., Duluth, Minn. Boiler. 2,333,497; Nov. 2.
- Velare, Curtis J., et al. (See Courtney, John F., assignor.)
- Veley, Hugh N., assignor to Speer Resistor Corporation, St. Marys, Pa. Resistor and making the same. 2,313,853; Mar. 16.
- Velsco Corporation. (See Hyman, Julius, assignor.)
- Veltman, Preston L., Fishkill, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Catalytic treatment of hydrocarbons. 2,307,434; Jan. 5.
- Veltman, Preston L., Fishkill, assignor to The Texas Company, New York, N. Y. Catalysts. 2,337,432; Dec. 21.
- Venable, William H., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Weighing apparatus. 2,328,935; Sept. 7.
- Venditty, Anthony, Detroit, Mich., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Fastener. 2,323,260; June 29.
- Venditty, Anthony, Detroit, Mich., assignor to Thompson Products Incorporated, Cleveland, Ohio. Joint construction. 2,330,095; Sept. 21.
- Venditty, Anthony, and M. P. Graham, Detroit, Mich., assignors to Thompson Products Incorporated, Cleveland, Ohio. Universal joint. 2,336,579; Dec. 14.
- Vendope, Van L., New York, N. Y. Lighting equipment. 2,315,884; Apr. 6.
- Venn, Adrien G., San Francisco, Calif. Flare. 2,322,329; June 22.
- Venner, William M., Clayton and P. L. Bowser, Jr., University City, assignors to The Sterling Corporation, St. Louis, Mo. Piston. 2,309,555; Jan. 26.
- Venot, Emile, Marseilles, France; vested in the Allen Property Custodian. Switching case for electric pocket lamps. 2,330,851; Oct. 5.
- Ventilating & Air Conditioning Contractors Association of Chicago. (See Anderson, Carl G., assignor.)
- Venton, Frederick R. (See Smith, W. V., and Venton.)
- Ventresca, Amico. (See Ventresca, Ercole, and Amico.)
- Ventresca, Ercole, and A. Houston, Tex. Wire line pipe cutter. 2,309,225; Jan. 26.
- Verbeek, Arnold F., Oberlungwitz, Germany, assignor to Kalio, Inc., New York, N. Y. Straight bar knitting machine. 2,316,030; Apr. 6.
- Verdecchia, Anthony J., Baltimore, assignor to The Glenn L. Martin Company, Middle River, Md. Wire tagging machine. 2,322,605; June 22.
- Verdin, Fredric C. (See Todd, S. P., Saunders, and Verdin.)
- Vergobbi, Robert W., assignor to Pneumatic Scale Corporation, Limited, Quincy, Wis. Packaging machine. 2,328,758; Sept. 7.
- Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Multiple glass sash. 2,329,567; Sept. 14.
- Verheul, Maarten M., Houston, Tex. Float valve. 2,329,960; Sept. 21.
- Verheul, Jacob. (See Fuchs, Julius, assignor.)
- Vermeulen, Roelof, Eindhoven, Netherlands, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Supporting arm for sound boxes and sound recorders. 2,308,795; Jan. 19.
- Vermont Marble Company, et al. (See Montgomery, C. L., assignor) and Cheesman.)
- Vernon, Murray, assignor to S. E. & M. Vernon Inc., New York, N. Y. Loose-leaf book construction. 2,322,180; June 15.

- Vernon, Murray, assignor to S. E. & M. Vernon, Inc., New York, N. Y. Loose leaf book construction. 2,334,800; Nov. 23.
- Vernon, S. E. & M., Inc. (See Vernon, Murray, assignor.)
- Vernon Tool Co. Ltd. (See Knowlton, Laurence R., assignor.)
- Vernon, William F., Newton, Iowa. Automobile vanity mirror. 2,317,656; Apr. 27.
- Vernon, William F., Newton, Iowa. Pulldown calendar. 2,318,546; May 4.
- Vernor, James, Company. (See Doughty, William E., assignor.)
- Verplex Company, The. (See Handel, Stanley T., assignor.)
- Verson, David C., Chicago, Ill. Multiple action punch press die and cushion. 2,318,819; May 11.
- Vervueren, Jean, assignor of one-half to Joseph E. Hagenborn, Hewlett, N. Y. Machine shop tool. 2,308,407; Jan. 12.
- Verwey, Evert J. W., P. C. van der Willigen and J. Hoekstra, Eindhoven, Netherlands, assignors, by mesne assignments, to Hartford National Bank and Trust Company, Hartford, Conn., as trustee. Making vitreous coated bodies. 2,321,439; June 8.
- Verzier, Le Verne. (See Jarm, E. C., and Verzier.)
- Vesce, Vincent C., Ridgewood, and F. M. Stalzer, assignors to Harmon Cor Works, Inc., Haledon, N. J. Phthalocyanine pigment and preparing same. 2,327,472; Aug. 24.
- Vesta Underwear Company. (See Sheridan, Edward A., assignor.)
- Vesteral, Hans G., Elizabeth, N. J., assignor to Standard Oil Development Company. High pressure alkylation reaction. 2,326,585; Aug. 10.
- Vesteral, Hans G., Elizabeth, N. J., assignor to Standard Oil Development Company. High pressure alkylation reaction. 2,326,586; Aug. 10.
- Vesteral, Hans G., Elizabeth, N. J., assignor to Standard Oil Development Company. High pressure alkylation reaction. 2,326,587; Aug. 10.
- Vesteral, Hans G., and S. C. Fulton, Elizabeth, N. J., assignors to Standard Alcohol Company. Production of alcohols. 2,308,219; Jan. 12.
- Veteran, Joseph J., San Jose, Calif. Timber tie. 2,328,867; Sept. 7.
- Vetter, John, Jr., Cheyenne, Wyo. Locking mechanism for doors. 2,316,199; Apr. 13.
- Vetter, Joseph J., Hackensack, assignor to Natural Products Refining Co., Jersey City, N. J. Welding rod. 2,315,466; Mar. 30.
- Vetier, Otto B., assignor to Ring Balance Instrument Company, Chicago, Ill. Ring balance. 2,333,834; Nov. 9.
- V. Fuener, Wilhelm. (See Michael, W., Goehre, Free, v. Fuener, and Schneider.)
- Vian, John C., Lebanon, Ohio. Electrical scoreboard. 2,307,173; Jan. 5.
- Viall, George K., and L. G. Hilkemeier, assignors to Chain Belt Company, Milwaukee, Wis. Concrete mixer. 2,308,901; Jan. 19.
- Viall, George K., and L. G. Hilkemeier, assignors to Chain Belt Company, Milwaukee, Wis. Concrete mixer. 2,329,167; Sept. 7.
- Viceroy Manufacturing Company. (See Crowell, Orby B., assignor.)
- Vick Chemical Company. (See Hines, Benjamin McF., assignor.)
- Vickers Armstrong Limited. (See Watson, John P., assignor.)
- Vickers, Carroll B., Buffalo, N. Y. Shock absorber. 2,318,437; May 4.
- Vickers, Harry F., assignor to Vickers, Incorporated, Detroit, Mich. Mechanical clutch follow-up device. 2,311,010; Feb. 16.
- Vickers, Harry F., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,313,404; Mar. 9.
- Vickers, Harry F., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,313,405; Mar. 9.
- Vickers, Harry F., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,313,406; Mar. 9.
- Vickers, Harry F., assignor to Vickers, Incorporated, Detroit, Mich. Hydraulic hoisting unit and control system therefor. 2,321,880; June 15.
- Vickers, Harry F., assignor to Vickers, Incorporated, Detroit, Mich. Timing device for power transmission systems. 2,326,184; Aug. 10.
- Vickers, Harry F., assignor to Vickers, Incorporated, Detroit, Mich. Hydraulic hoisting and rotating apparatus. 2,328,311; Aug. 31.
- Vickers, Harry F., assignor to Vickers, Incorporated, Detroit, Mich. Hydraulic hoisting and rotating apparatus. 2,328,312; Aug. 31.
- Vickers, Harry F., and K. R. Herman, assignors to Vickers Incorporated, Detroit, Mich. Power transmission. 2,313,407; Mar. 9.
- Vickers Incorporated. (See Finlayson, W. G., Twyman, and Tweedale, assignors.)
- Vickers Incorporated. (See Gardiner, D. B., and Miller, assignors.)
- Vickers Incorporated. (See Griffith, Raymond C., assignor.)
- Vickers Incorporated. (See Harrington, Ferris T., assignor.)
- Vickers Incorporated. (See Harrington, F. T., and Seidel, assignors.)
- Vicker Incorporated. (See Harrington, F. T., and Tweedale, assignors.)
- Vickers Incorporated. (See Hayden, Merrill A., assignor.)
- Vickers Incorporated. (See Herman, Kenneth R., assignor.)
- Vickers Incorporated. (See Herman, K. R., and Harrington, assignors.)
- Vickers, Incorporated. (See Herman, K. R., and Robinson, assignors.)
- Vickers Incorporated. (See Loscy, C. V., and Esch, assignors.)
- Vickers Incorporated. (See Miller, Raymond S., assignor.)
- Vickers Incorporated. (See Robinson, James, assignor.)
- Vickers Incorporated. (See Shurtle, Robert A., assignor.)
- Vickers Incorporated. (See Twyman, L. Raymond, assignor.)
- Vickers, Incorporated. (See Vickers, Harry F., assignor.)
- Vickers Incorporated. (See Willett, Warren P., assignor.)
- Vickers Incorporated. (See Zimmermann, Lukas, assignor.)
- Vickers Petroleum Co. of Delaware, The. (See Hirsch, Joel H., assignor.)
- Vickery, Frederick W., London, England, assignor to Vickery Incorporated, Boston, Mass. Felt conditioning device for paper making machines. 2,308,574; Jan. 19.
- Vickery, George H., near Bluffton, Ind. Attachment for cultivators. 2,308,575; Jan. 19.
- Vickery Incorporated. (See Vickery, Frederick W., assignor.)
- Victor Adding Machine Company. (See Buehler, Robert G., assignor.)
- Victor Adding Machine Company. (See Lippert, Erhard M., assignor.)
- Victor Electric Products, Inc. (See Spear, Walter A., assignor.)
- Victor Equipment Company. (See Stettner, Ludwig W., assignor.)
- Victor Manufacturing & Gasket Company. (See Antonelli, Joseph A., assignor.)
- Victor Manufacturing & Gasket Company. (See Bernstein, W. F., and Mika, assignors.)
- Victor Manufacturing & Gasket Company. (See Bernstein, W. F., Mika, Lillis and Colwell, assignors.)
- Victor Manufacturing & Gasket Company. (See Kosatka, Thomas O., assignor.)
- Victor Manufacturing & Gasket Company. (See Mika, Thomas F., assignor.)
- Victor Metal Products Corporation. (See Apfelbaum, Huna L., assignor.)
- Victor Metal Products Corporation. (See Baron, L., and Hoch, assignors.)
- Victor Metal Products Corporation. (See Derham, P. A., and Newport, Jr., assignors.)
- Victor Metal Products Corporation. (See Temple, George W., assignor.)
- Victor Metal Products Corporation. (See Temple, Harold F., assignor.)
- Victor Ring Traveler Company. (See Jerome, Edwin R., assignor.)
- Victoreen, John A., Cleveland Heights, Ohio. Electrical apparatus. 2,314,060; Mar. 16.
- Victory Switch Co. (See Sharp, Ewing L., assignor.)
- Vidal Corporation. (See Vidal, E. L., and Marhoefer, assignors.)
- Vidal, Eugene L., New York, N. Y., and L. J. Marhoefer, Wood-Ridge, N. J., assignors, by mesne assignments, to Vidal Corporation. Veneer structure. 2,337,007; Dec. 14.
- Vienneau, Jacob J., Pittsfield, Mass., assignor to General Electric Company. Pressure relief device. 2,337,361; Dec. 21.
- Vienola, Ilmari P. A. (See Janhunen, M., Oivukka, and Vienola.)
- Vierling, Otto. (See Köber, F., Sauer, and Vierling.)
- Vierling, Otto, Dresden, Germany; vested in the Allen Property Custodian. Making photographs. 2,335,465; Nov. 30.
- Vieth, Leonard, Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin chute. 2,308,634; Jan. 19.
- Vigneau, Emile N., assignor to Rosenberg Bros. & Co., San Francisco, Calif. Nut-cracking apparatus. 2,319,757; Apr. 13.
- Vigneault, Edmond, Three Rivers, Quebec, Canada. Apparatus for direct, rapid, and continuous melting of nonferrous metals. 2,336,657; Dec. 14.
- Vigo, David, Ann Arbor, Mich. Water cycle. 2,323,261; June 29.
- Vigorth, Anthony, Cincinnati, Ohio. Foot exercising device. 2,323,570; July 6.
- Vigren, Sten D., and R. A. Svensson, Stockholm, Sweden, assignors to Western Electric Company, Incorporated. Circuit controlling device for electrical switching apparatus. 2,309,422; Jan. 26.
- Viken, Peter C., Roseau, Minn. Undercut sickle for windrows. 2,316,475; Apr. 13.

- Viland, Clare K. (See Hyde, H. Y., Viland, and Galatun.)
- Viland, Clare K., Martinez, assignor to Tide Water Associated Oil Company, San Francisco, Calif. Manufacture of antiknock gasoline. 2,325,892; Aug. 3.
- Viland, Clare K., Martinez, assignor to Tide Water Associated Oil Company, San Francisco, Calif. Manufacture of antiknock gasoline. 2,325,892; Aug. 3.
- Villard, Claude M. G., Paris, France; vested in the Allen Property Custodian. Galvanometer coil support. 2,332,877; Oct. 26.
- Vilter, Ernest F. and S. A. Husty, assignors to The Vilter Manufacturing Company, Milwaukee, Wis. Refrigerating machine. 2,307,311; Jan. 5.
- Vilter Manufacturing Company, The. (See Taylor, William H., assignor.)
- Vilter Manufacturing Company, The. (See Vilter, E. F., and Husty, assignors.)
- Vincent, Andrew W., assignor to Stromberg Carlson Telephone Manufacturing Company, Rochester, N. Y. Telephone finger. 2,320,899; June 1.
- Vincent, Cranston G., Kansas City, Mo. Pessary. 2,324,656; July 20.
- Vincent, Edward T., Ann Arbor, Mich., assignor, by mesne assignments, to Continental Aviation and Engineering Corporation. Fuel injecting and metering means. 2,321,181; June 15.
- Vincent, Gregory A. (See Hill, L. R., Vincent, and Howard.)
- Vincent, Jesse G., Grosse Pointe, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,317,423; Apr. 27.
- Vincent, Jesse G., Grosse Pointe, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,322,676; June 22.
- Vinco Corporation. (See Bennett, Racy D., assignor.)
- Vinco Corporation. (See Osplack, Joseph J., assignor.)
- Vineberg, Joseph H., Ottawa, Ontario, Canada. Garment carrying folder. 2,310,499; Feb. 9.
- Vineberg, Joseph H., Ottawa, Ontario, Canada. Folder. 2,336,820; Dec. 14.
- Vineberg, Samuel S., Buffalo, N. Y. Garment locking or anti-theft device. 2,325,549; July 27.
- Vinea, Raymond F. (See Wise, E. M., and Vinea.)
- Vinice, Raymond A., Syracuse, and C. K. Lawrence, Baldwinville, assignors to The Solvay Process Company, New York, N. Y. Electrolytic production of alkali metals. 2,313,408; Mar. 9.
- Vingee, Raymond A., Syracuse, and C. K. Lawrence, Baldwinville, assignors to The Solvay Process Company, New York, N. Y. Production of alkali metals and their amides. 2,315,830; Apr. 6.
- Vining, Charles R. (See Schulz, H. R., and Vining.)
- Vinogradoff, Alexander. (See Brown, G. O., and Vinogradoff.)
- Vinson, Joseph C. (See Vaughan, J. A., and Vinson.)
- Vinsonbaler, George R., Wahiawa, Oahu, Territory of Hawaii, assignor to Hawaiian Pineapple Company, Limited, Honolulu, Hawaii. Ploew. 2,317,567; Apr. 27.
- Vinther, Michael C., Torrance, Calif. Rolling steel in inert gas enclosures. 2,337,008; Dec. 14.
- Virden, John C., Company. (See Vacha, Norman H., assignor.)
- Virginia-Carolina Chemical Corporation. (See Cox, Edwin, assignor.)
- Visible Index Corp. (See Thomson, Patrick E. M., assignor.)
- Vismess, Carl B., and C. C. Carpenter, Grand Forks, N. Dak. Folding stretcher. 2,333,062; Oct. 26.
- Vissac, Gustave A., Vancouver, British Columbia, Canada. Drying apparatus. 2,317,003; Apr. 20.
- Vlaser, Gerrit A., assignor to The Jaeger Machine Company, Columbus, Ohio. Truck mixer. 2,316,137; Apr. 6.
- Visser, John, Grand Rapids, assignor to F. L. Jacobs Co., Detroit, Mich. Ash receiver. 2,325,721; Aug. 3.
- Vita Sales Corporation. (See Knaust, Henry E., assignor.)
- Vitale, Joseph, Brooklyn, N. Y. Turret for engine lathes. 2,335,712; Nov. 30.
- Vitaminol Laboratory, Inc. (See Hennessy, Douglas J., assignor.)
- Vitanol Company. (See Lubarsky, George H., assignor.)
- Vittum, Paul W. (See Allen, C. F. H., and Vittum.)
- Vittum, Paul W. (See Fierke, S. S., Vittum and Wilder.)
- Vittum, Paul W. (See Jelly, E. E., and Vittum.)
- Vivian, Harold F. (See Fordyce, C. R., and Vivian.)
- Vivian, Robert E. (See Dressler, R. G., and Vivian.)
- Vlahoyannes, Nicholas P., Shreveport, La. Hydraulic transmission. 2,338,017; Dec. 28.
- Vogel, Frederick B., assignor to William H. Bannon, Mansfield, Mass. Making fabric. 2,330,645; Sept. 28.
- Voelke, Alfred. (See de Rochefort-Lucay, Claude, assignor.)
- Voelkel, John F., Brooklyn, N. Y., assignor, by mesne assignments, to M. A. B. Frohlich. Check valve for door closers. 2,310,902; Feb. 9.
- Voerge, John N., Westmont, Quebec, Canada. Sand blasting. 2,324,250; July 13.
- Vogel, Carl P., assignor to Eastman Kodak Company, Rochester, N. Y. Web winding apparatus. 2,327,832; Aug. 24.
- Vogel, Charles P., Millburn, N. J., assignor to Radio Corporation of America. Electrode spacer. 2,310,662; Feb. 9.
- Vogel, Francis D., Columbus, Ohio. Vending machine magazine. 2,309,802; Feb. 2.
- Vogel-Jorgensen, Mikael, Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Apparatus for forming powdered material into grains. 2,311,319; Feb. 16.
- Vogel, Joseph A., Wilmington, Del. Tree removing and uprooting apparatus. 2,313,604; Mar. 9.
- Vogel, Joseph A., Wilmington, Del. Tree removing and supporting apparatus. 2,314,567; Mar. 23.
- Vogel, Max, Bridgeport, Conn. Slide holder for calendars or the like. 2,335,713; Nov. 30.
- Vogel-Peterson Co. (See Magnuson, Raymond A.)
- Vogel, Philip J., St. Louis, Mo. Hose clamp. 2,336,139; Dec. 7.
- Vogel, Willard L., assignor of fifty per cent to P. W. Prutzman, Los Angeles, Calif. Making metaldehyde. 2,327,570; Aug. 24.
- Vogelsang, George K. (See Novotny, E. E., and Vogel-sang.)
- Voget, Garfield, et al. (See Allen, Charles L., assignor.)
- Vogenthaler, Albert L. (See Weinreich, C. F., and Vogenthaler.)
- Vogler, Frank, Mount Vernon, Ill., assignor to The Standard Oil Company, Cleveland, Ohio. Shipping dock for variable water-level usage. 2,336,140; Dec. 7.
- Vogler, Jerome. (See Christiance, Harry C., assignor.)
- Voglesong, Clyde C., Oakland, Calif. Bung sput. 2,328,696; Sept. 7.
- Vogt, Arthur G., Toledo, Ohio. Tensioning device for yarn, thread, or the like. 2,316,031; Apr. 6.
- Vogt, Clarence W. (See Hohl, J., Bjering, Lakso, and Vogt.)
- Vogt, Clarence W. (See Lakso, Elmo E., assignor.)
- Vogt, Clarence W., Norwalk, Conn. Making containers. 2,335,948; Dec. 7.
- Vogt, Clarence W., Norwalk, Conn., and E. E. Lakso, Fitchburg, Mass., said Lakso assignor to said Vogt. Container. 2,307,902; Jan. 12.
- Vogt, Leon O. (See Bales, J. E., Vogt, and Monaco.)
- Vogt, William B., Herald, assignor of one-half to E. A. Strohlow, Sacramento, Calif. Roof shingling seat. 2,320,538; June 1.
- Voices, Inc. (See Marcus, Samuel, assignor.)
- Voight, Henry G., assignor to Sargent & Company, New Haven, Conn. Door lock. 2,308,321; Jan. 12.
- Voight, Henry G., assignor to Sargent & Company, New Haven, Conn. Adjustable cylinder lock. 2,308,322; Jan. 12.
- Voight, Henry G., assignor to Sargent & Company, New Haven, Conn. Combined door lock and ajar hook. 2,329,017; Sept. 7.
- Voight, Henry G., assignor to Sargent & Company, New Haven, Conn. Combined door lock and ajar hook. 2,329,018; Sept. 7.
- Voight, Henry G., Hamden, assignor to Sargent & Company, New Haven, Conn. Padlock. 2,330,765; Sept. 28.
- Voightlander, Curtis, Kansas City, Mo. Continuous wire-drawing machine. 2,331,061; Oct. 5.
- Voigt, Albert, Berlin, and G. Melster, Bernau, near Berlin, Germany; vested in the Allen Property Custodian. Releasing device. 2,330,643; Sept. 28.
- Voigt, Paul A., Hollerose, Manor, and J. E. Johansen, Brooklyn, assignors to Johns-Manville Corporation, New York, N. Y. Building construction. 2,318,820; May 11.
- Voigt, Hermann. (See Galster, B., Mansel, Voigt, and Witteney.)
- Voightlander, Curtis. (See Bender, R. W., and Voightlander.)
- Voitmann, Edward H., and H. B. Kellogg, Neenah, Wis., assignors to Paper Patents Company. Self-molding counter. 2,307,342; Jan. 5.
- Voitmann, Walter, Berlin, Germany; vested in the Allen Property Custodian. Electric condenser. 2,335,714; Nov. 30.
- Voiles, Frank A., Chicago, Ill. Internal combustion engine. 2,307,903; Jan. 12.
- Vokes, Cecil G. (See Blanchard, Joseph G., assignor.)
- Vokes, Cecil G., London, England. Filter. 2,319,894; May 25.
- Volk, Paul, Berlin-Charlottenburg, Germany; vested in the Allen Property Custodian. Tracer control for material working machines. 2,330,647; Sept. 28.
- Volk, Sidney, assignor to Radiation Furnace Corporation, Benton Harbor, Mich. Radiator unit for hot air furnaces. 2,312,784; Mar. 2.
- Volks, Herbert, New York, N. Y., assignor to Sulzer Freres, S. A., Winterthur, Switzerland. Grill and chafing dish. 2,301,157; Feb. 2.
- Voller, James P., Providence, and E. R. Loud, Cranston, assignors to Builders Iron Foundry, Providence, R. I. Density compensator for flow meters. 2,312,944; Mar. 2.
- Vollmer, Earl C. (See Kottman, A. A., and Vollmer.)
- Vollmer, Earl C., Rock Island, Ill., assignor, by mesne assignments, to The Lennox Furnace Company, Marshalltown, Iowa. Liquid fuel burner. 2,325,893; Aug. 3.

- Vollmer, Earl C., and F. A. Herwehe, Rock Island, Ill., assignors, by mesne assignments, to The Bettendorf Company. Blade spacer. 2,316,200; Apr. 13.
- Vollmer, Hermann, New York, N. Y. Vitamin preparation for parental administration. 2,310,479; Feb. 9.
- Vollmer, Leslie W. (See zur Horst, C. G., Wescott, and Vollmer.)
- Vollrath Co., The. (See Neth, F. A., and Gougler, assignors.)
- Vollrath, Edwin C., Wauwatosa, assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Window regulator. 2,312,607; Mar. 2.
- Vollrath, Joseph P., Glenside, assignor to The Brown Instrument Company, Philadelphia, Pa. Sampling device. 2,333,964; Nov. 9.
- Volpin, Alexander S. (See White, R. E., Liljestrand and Volpin.)
- Volpin, Alexander S., Houston, Tex. Pump piston. 2,317,122; Apr. 20.
- Volpin, Alexander S., Houston, Tex. Conduit valve. 2,317,657; Apr. 27.
- Volpin, Alexander S., assignor to Mission Manufacturing Company, Houston, Tex. Lubrication feed for valves. 2,310,480; Feb. 9.
- Volpin, Alexander S., assignor to Mission Manufacturing Company, Houston, Tex. Plug valve. 2,332,282; Oct. 10.
- Volterra, Renzo U., assignor to American Electro Metal Corporation, Yonkers, N. Y. Manufacturing shaped bodies from iron powders. 2,315,502; Mar. 30.
- Volz, Anton, Ludwigshafen-on-the-Rhine, and R. Watzel, Mannheim, Germany; vested in the Alien Property Custodian. Washing and cleaning composition. 2,335,466; Nov. 30.
- Volz, Carl. (See Allison, L. R., and Volz.)
- Volz, Rudolf F. (See van Slooten, J., and Volz.)
- Von Baeyer, Hans J. R. (See Tischer, F., and von Baeyer.)
- Von Bergen, John M. (See Heiser, M. G., von Bergen, and Bogg.)
- Von Bertele, Hans. (See Siemens, A., and von Bertele.)
- Von Bertele, Hans. (See Siemens, A., von Bertele, and Burgsmüller.)
- Von Bertele, Hans, Berlin-Wilmersdorf, Germany; vested in the Alien Property Custodian. Vapor electric device. 2,320,685; June 1.
- Von Biechowicz, Eoerd, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrolyzing titanium compounds. 2,337,215; Dec. 21.
- Von Bramer, Harold, L. G. Davy, and M. L. Clemens, Jr., Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Preparing phenylenediamine derivatives. 2,323,948; July 13.
- Vonfrack, Frank J., assignor of one-tenth to Fred Kubias and one-tenth to Ernest Kosek, Cedar Rapids, Iowa. Lawn mower. 2,319,483; May 18.
- Von Finck, Georg. (See Bestian, E., and von Finck.)
- Von Fuchs, George H. (See Haffner, H. J., Siegelman, and von Fuchs.)
- Von Fuchs, George H., and Hyman Diamond, Alton, Ill., assignors to Shell Development Company, San Francisco, Calif. Preparing lubricating oils. 2,327,158; Aug. 17.
- Von Fuchs, George H., and N. B. Wilson, Alton, Ill., assignors to Shell Development Company, San Francisco, Calif. Rust-preventive compositions. 2,334,158; Nov. 9.
- Von Galbn, William H., Loudonville, and Bernard W. Rottschaefer, Albany, assignors to General Aniline & Film Corporation, New York, N. Y. 2-hydroxy carbazole. 2,328,588; Sept. 7.
- Von Gehr, George H., Chicago, Ill. Electrical outlet. 2,319,375; May 18.
- Von Gehr, George H., Chicago, Ill. Electrical outlet. 2,332,766; Oct. 26.
- Von Helger, Erik, Wilhelm Walter Hallwyl. (See Ewerth, Anton G., assignor.)
- Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Labeling machine. 2,323,691; July 6.
- Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Labeling machine. 2,328,516; Aug. 31.
- Vonhommel, Joseph, and J. Kimmig, Kiel, Germany, assignors to Schering Corporation, Bloomfield, N. J. p-Nitrobenzene sulphinamide. 2,316,825; Apr. 20.
- Von Koborn zu Kornegg, Oscar, assignor to American Patent Development Corporation, New York, N. Y. Manufacture of artificial fibers and staple fiber yarns. 2,308,576; Jan. 19.
- Von Leibitz-Plwnicki, Heinz, Halle-on-the-Saale, and Friedrich Meider, Frankfurt-on-the-Main, Germany; vested in the Alien Property Custodian. Process of preparing ether acids. 2,333,726; Nov. 9.
- Von Madaler, Ferdinand, Los Angeles, Calif. Selective projector and sound reproducer. 2,322,489; June 22.
- Von Manteuffel, Gert Z. (See Müller, W., and von Manteuffel.)
- Von Manteuffel, Gert Z., Berlin-Dahlem, Germany; vested in the Alien Property Custodian. Jet pipe relay. 2,308,662; Jan. 19.
- Von Meister, Frederick W., New York, and F. W. Andrew, Glen Head, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Recording apparatus for light sensitive reproduction media. 2,308,130; Jan. 12.
- Von Mertens, Ernest K., Manchester, assignor to United Aircraft Corporation, East Hartford, Conn. Spark plug wire terminal. 2,321,782; June 15.
- Von Ohlsen, Louis H., New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Mounting structure. 2,328,313; Aug. 31.
- Von Ohlsen, Louis H., New Haven, Conn., assignor to The Safety Car Heating and Lighting Company, Inc. Power system and control therefor. 2,328,314; Aug. 31.
- Von Ohlsen, Louis H., and J. J. Kennedy, New Haven, Conn., assignors to The Safety Car Heating and Lighting Company, Inc. Electrical system. 2,312,275; Feb. 23.
- Von Ohlsen, Louis H., and J. J. Kennedy, New Haven, Conn., assignors to The Safety Car Heating and Lighting Company, Inc. Electrical system. 2,325,815; Aug. 3.
- Von Opel, Fritz, Saint-Moritz, Switzerland; vested in the Alien Property Custodian. Gasoline dispensing mechanism. 2,307,435; Jan. 5.
- Von Opel, Fritz, New York, N. Y., vested in the Alien Property Custodian. Movable position finding devices, particularly course protractors. 2,328,517; Aug. 31.
- Von Osten, Frederick A., assignor to Sophie S. von Osten, South Orange, N. J. Textile disintegrating machine. 2,331,943; Oct. 19.
- Von Osten, Sophie S. (See von Osten, Frederick A., assignor.)
- Von Pazsiczky, Gedeon, Hamburg-Wandsbek, Germany; vested in the Alien Property Custodian. Production of curled mineral fibers. 2,331,945; Oct. 19.
- Von Pazsiczky, Gedeon, Hamburg-Wandsbek, Germany; vested in the Alien Property Custodian. Manufacture of glass fibers. 2,331,946; Oct. 19.
- Von Pazsiczky, Gedeon, Hamburg-Wandsbek, Germany; vested in the Alien Property Custodian. Method of and apparatus for producing glass fibers. 2,333,218; Nov. 2.
- Von Pazsiczky, Gedeon, Hamburg-Wandsbek, and H. Steingraeber, Dusseldorf, Germany; vested in the Alien Property Custodian. Production of fibers from minerals and like materials. 2,331,944; Oct. 19.
- Von Poser, Gottlieb, Wiesbaden, Germany; vested in the Alien Property Custodian. Photographic printing material. 2,322,982; June 29.
- Von Reis, Lambert, Stolberg, Germany, assignor to The American Securit Company, Washington, D. C. Hardening glass plates and other glass objects. 2,336,200; Dec. 7.
- Von Reppert, Richard, Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,315,992; Apr. 6.
- Von Schneeweiss, Peter R., and H. F. Klaholz, Cleveland, Ohio. Resilient wheel. 2,324,251; July 13.
- Von Schuckmann, Gustav, Uerdingen, Niederrhein, Germany, assignor to American Hyalcol Corporation. Preparation of higher unsaturated aliphatic alcohols. 2,332,834; Oct. 26.
- Von Soden, Adolph F., Long Beach, Calif. Identifying documents. 2,330,531; Sept. 28.
- Von Stietz, George E. G. (See Groll, H. P. A., Hearne, and von Stietz.)
- Von Till, Louis A. (See Stover, H. E., and Von Till.)
- Von Zelewsky, Ottomar, Neuhausen, and K. Künzi, assignors to Aktiengesellschaft der Eisen- und Stahlwerke vormals Georg Fischer, Schaffhausen, Switzerland. Lathe. 2,331,443; Oct. 12.
- Voorhees, Henry R., Detroit, and G. E. Breeze, assignors to Chrysler Corporation, Highland Park, Mich. Motor vehicle lighting. 2,324,742; July 20.
- Voorhees, Vanderveer, Homewood, assignor to Standard Oil Company, Chicago, Ill. System for handling abrasive powder. 2,310,377; Feb. 9.
- Voorheis, Joseph T., Oakland, Calif. Adjustable characteristic control valve. 2,315,171; Mar. 30.
- Voorheis, Joseph T., Oakland, Calif. Means of atomizing liquids. 2,315,172; Mar. 30.
- Voorheis, Joseph T., Oakland, Calif. Atomizing nozzle. 2,321,532; June 8.
- Voorheis, Joseph T., Oakland, Calif. Burner head and mounting. 2,323,635; July 6.
- Voorhees, Charles R., and H. N. Amerman, Dearborn, Mich. Turbine regulator. 2,336,450; Dec. 7.
- Voorhies, Alexis, Jr., Baton Rouge, La., assignor, by mesne assignments, to Standard Catalytic Company. Aviation fuel. 2,311,498; Feb. 16.
- Voorhies, Carl, Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Internal combustion engine. 2,309,740; Feb. 2.
- Voorhies, Harry E., Grosse Pointe Woods, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Tester for hydraulic valve lifters. 2,334,970; Nov. 23.
- Voorhies, Roy K., Los Angeles, Calif., assignor to Safride, Ltd., Carson City, Nev. Safety device for occupants of vehicles. 2,322,755; June 29.

- Vore, Herbert G., Jackson Heights, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del., Antioxidizing paraffin composition. 2,325,085; July 27.
- Vore, Herbert G., Jackson Heights, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del., Heating apparatus. 2,325,086; July 27.
- Vore, Herbert G., Jackson Heights, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del., Antioxidizing paraffin composition. 2,325,167; July 27.
- Vore, Herbert G., Jackson Heights, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del., Bottle cap. 2,325,168; July 27.
- Voss, Richard G. (See Goodwin, C. W., and Voss.)
- Voss, Stephen. (See Fischer, R. H., and Voss.)
- Vossatz, Fritz. Ludwigshafen on the Rhine, Germany; vested in the Allen Property Custodian, Manufacture of reaction products from sulphite cellulose waste liquor. 2,317,832; Apr. 27.
- Vosburg, Alan E., assignor to Teletype Corporation, Chicago, Ill., Making dies. 2,323,949; July 13.
- Vostrensky, Peter, and M. Shchemet, Moscow, Union of Soviet Socialist Republics, Separating albumin from naturally and artificially prepared solutions particularly blood. 2,320,766; June 1.
- Voss, Hermann. (See Troch, P., Voss, Rabald and Gelgel.)
- Voss, John H., Downers Grove, Ill., assignor to Automatic Electric Laboratories, Inc., Telephone system. Re. 2,243; Dec. 21.
- Voss, John H., Downers Grove, assignor to Associated Electric Laboratories, Inc., Chicago, Ill., Telephone system. 2,317,833; Apr. 27.
- Voss, John H., Downers Grove, assignor to Associated Electric Laboratories, Inc., Chicago, Ill., Telephone system. 2,320,548; June 1.
- Voss, John H., Downers Grove, Ill., assignor to Automatic Electric Laboratories, Inc., Telephone system. 2,323,038; Oct. 26.
- Voss, John H., Downers Grove, and F. Kessler, Villa Park, assignors to Associated Electric Laboratories, Inc., Chicago, Ill., Telephone system. 2,320,549; June 1.
- Voss, Walter H., Mount Carmel, Conn., assignor to Swamp, Inc., Combination key and knife. 2,316,655; Apr. 13.
- Vossen, Arnold T., Eindhoven, Netherlands, assignor to Radio Corporation of America, Tuning indicator device. 2,316,916; Apr. 20.
- Vossen, Edward, assignor to Stop Motion Devices Corporation, Brooklyn, N. Y., Electric stop motion controller for knitting machines. 2,312,276; Feb. 23.
- Vossen, Edward, assignor to Stop-Motion Devices Corp., Brooklyn, N. Y., Stop motion device. 2,329,427; Sept. 14.
- Vostrez, Victor, Tobias, Nebr., Plaston. 2,321,054; June 8.
- Voth, Paul H., assignor to Willard Storage Battery Company, Cleveland, Ohio, Material handling mechanism. 2,318,438; May 4.
- Vouk, Frank J. (See Swanson, D. F., and Vouk.)
- Voyls, Raymond A. (See Briggs, G. L., and Voyls.)
- Vranken, Felix, Jampenne-sur-Sambre, Belgium; vested in the Allen Property Custodian, Heating oven, particularly that for hardening glass plates. 2,311,908; Feb. 23.
- Vredenburg, Edric W., Oakland, Calif., Weighing mechanism. 2,314,299; Mar. 16.
- Vroom, Edward, Ossining, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., Telephone system. 2,321,714; June 15.
- Vroom, Edward, Ossining, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., Telephone system. 2,322,330; June 22.
- Vroom, Edward, Ossining, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., Dial operated crossbar selector. 2,332,878; Oct. 26.
- Vroom, Robert C., Montclair, N. J., assignor to Peabody Engineering Corporation, New York, N. Y., Pulverized fuel burner. 2,325,442; July 27.
- Vroom, Robert C., Montclair, N. J., assignor to Peabody Engineering Corporation, New York, N. Y., Air register. 2,325,443; July 27.
- Vroom, Robert C., Montclair, N. J., and D. P. Graham, Flushing, assignors to Peabody Engineering Corporation, New York, N. Y., Air register. 2,325,444; July 27.
- Vucassovich, Michel P., Beverly, Mass., assignor, by mesne assignments, to Gloucester Research Corporation, New York, N. Y., Method and apparatus for removing scales from fish. 2,331,855; Oct. 12.
- Vukasinovich, John P., Oakland, Calif., Hot beverage dispenser. 2,326,429; Aug. 10.
- Vulcan Copper & Supply Company, The. (See Wentworth, Theodore O., assignor.)
- Vulcan Corporation. (See Clausing, George, assignor.)
- Vulcan Corporation. (See Clausing, Walter, assignor.)
- Vulcan, Louis. (See Barton, Armand, assignor.)
- Vulcan Proofing Company. (See Lewis, R. E., and Weiss, assignors.)
- Vulcan Soot Blower Corporation. (See Hibner, D. E., and Arey, assignors.)
- Vulcan Stamping & Mfg. Co. (See McCarthy, Vern I., assignor.)
- Vultee Aircraft, Inc. (See Hazard, J. G., and Arslan, assignors.)
- Vultee Aircraft, Inc. (See Hudson, John M., assignor.)
- Vultee Aircraft, Inc. (See Magill, H. S., and Bruce, assignors.)
- Vultee Aircraft, Inc. (See O'Hare, George W., assignor.)
- Vultee Aircraft, Inc. (See Palmer, Richard W., assignor.)
- Vultee Aircraft, Inc. (See Soucek, Romus, assignor.)
- Waack, Fritz. (See von Manteuffel, G. Z., and Waack.)
- Wabash Appliance Corporation. (See Anderson, Lester F., assignor.)
- Wabash Fibre Box Company, The. (See Gordon, Cory W., assignor.)
- Wachs, Benjamin, Brooklyn, N. Y., Safety attachment for hand fed machines. 2,324,806; July 20.
- Wachs, Murray A., Brooklyn, N. Y., Power transmission gearing. 2,307,174; Jan. 5.
- Wachsman, Michael, Brooklyn, N. Y., Electric ring for rotary knitting machines. 2,309,367; Jan. 26.
- Wachsman, Michael, Brooklyn, N. Y., Electric ring for rotary knitting machines. 2,324,442; July 13.
- Wachsman, Michael, Brooklyn, N. Y., Stop mechanism for knitting machines. 2,335,979; Dec. 7.
- Wachter, Arthur R. (See Learned, H. D., Sykes, and Wachter.)
- Wachter, Lester W., assignor to Anthony Company, Streator, Ill., Tipping mechanism. 2,314,531; Mar. 23.
- Wachter, Lester W., assignor to Anthony Company, Streator, Ill., Garbage dumping body. 2,316,826; Apr. 20.
- Wack, James E., assignor to Teletype Corporation, Chicago, Ill., Apparatus for directing webs. 2,331,047; Oct. 19.
- Wack, Orlis. (See Haeghe, O. P., and Wack.)
- Wacker, Frederick G., Lake Forest, assignor to Automotive Maintenance Machinery Co., Chicago, Ill., Cylinder grinding tool. 2,331,523; Oct. 12.
- Wacker, George W., Cincinnati, Ohio, assignor to The Grotelle Company, Bellevue, Ky., Extrusion molding. 2,327,079; Aug. 17.
- Waco Aircraft Company. (See Arcier, A. F., and Bruker, assignors.)
- Waddell, Homer J., Baltimore, Md., Self lubricating valve. 2,331,362; Oct. 12.
- Waddington, Walter E. (See Starr, H. R., and Waddington.)
- Wade, Charles E., Sturgis, Mich., Electrical connector. 2,307,912; Jan. 12.
- Wade, Charles E., Sturgis, Mich., Electrical connector. 2,336,517; Dec. 14.
- Wade, John B., Los Angeles, Calif., Proportional feeder. 2,323,950; July 13.
- Wade, Lorenz E. (See Nystrom, A. C., and Wade.)
- Wade, William R., Libby, Mont., Fuel saving sulphur extracting method. 2,331,524; Oct. 12.
- Wadellon, Edwin F., Los Angeles, and T. M. Thomas, Huntington Park, assignors to Killefer Manufacturing Corporation, Los Angeles, Calif., Spring tooth harrow. 2,307,436; Jan. 5.
- Wadley, Harold E., Searsdale, R. R. Matthews, Cornwall, and W. A. Rice, Newburgh, assignors to Flirth Carpet Company, Inc., New York, N. Y., Pile carpet or rug. 2,318,345; May 4.
- Wadman, Harold A., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn., Forming lightweight glass containers of novel distribution. 2,333,821; Dec. 14.
- Wadman, Harold A., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn., Forming hollow glassware. 2,336,822; Dec. 14.
- Waduan, Harold A., West Hartford, and R. A. Schaefer, Rocky Hill, assignors to Hartford-Empire Company, Hartford, Conn., Refractory for contact with molten glass and process for making the same. 2,308,473; Jan. 12.
- Wadman, Walter V. (See Donovan, T. S., and Wadman.)
- Wadman, Walter V., Rochester, N. Y., and L. C. Hurd, Jenkintown, Pa., assignors of one-half to Eastman Kodak Company, Rochester, N. Y., and one-half to Röhm and Haas Company, Philadelphia, Pa., Liquid hardener solutions. 2,327,004; Aug. 17.
- Wadsack, Charles G., Stafford, Kans., Shaving and tray serving appliance. 2,312,608; Mar. 2.
- Wadsworth Electric Manufacturing Company, The. (See Coy, Joseph A., assignor.)
- Wadsworth Electric Manufacturing Company, The. (See Landmeier, Edwin W., assignor.)
- Wadsworth, George F., Marion, Ohio, assignor to National Ring Corporation, Detroit, Mich., Locking ring display device. 2,321,339; June 8.
- Wadsworth, Gordon, Chicago, Ill., Combination toilet preparations dispenser. 2,313,184; Mar. 9.
- Waeber, Erwin, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland, Internal combustion engine plant with at least two crankshafts. 2,310,269; Feb. 9.
- Waechter, Harry J., Mount Healthy, assignor to P. Benninghofen and F. G. Diesbach, Hamilton, Ohio, as trustees. Autographic register. 2,326,108; Aug. 10.
- Waechter, Harry J., Mount Healthy, assignor to P. Benninghofen and F. G. Diesbach, Hamilton, Ohio, as trustees. Autographic register. 2,326,109; Aug. 10.

- Waechter, Harry J., Mount Healthy, assignor to P. Benninghofen and F. G. Diesbach, Hamilton, Ohio, as trustees. Autographic register. 2,326,110; Aug. 10.
- Waechter, Harry J., Mount Healthy, assignor to P. Benninghofen and F. G. Diesbach, Hamilton, Ohio, as trustees. Autographic register. 2,328,532; Aug. 31.
- Waely, Angelica B., Sunnyvale, Calif. Fruit cutting and pitting device. 2,321,881; June 15.
- Wagar, Stanley J. (See Moody, W. L. and Wagar.)
- Wagener, Winfield G., Palo Alto, assignor to Heintz & Kauffman, Ltd., South San Francisco, Calif. Vitreous seal protector. 2,329,019; Sept. 7.
- Wagensals, Edward E., Summit, N. J., assignor to Radio Corporation of America. Plating metal bodies. 2,323,169; June 29.
- Wagenseil, Ludwig. (See Neugebauer, F., Hartmann, and Wagenseil.)
- Wagenseil, William O. (See Husta, P. and Wagenseil.)
- Waggaman, William H., Baltimore, Md. Manufacturing phosphates. 2,308,220; Jan. 12.
- Wagner, Alfred, Captain Cook, Hawaii. Automatic radio station selector. 2,332,767; Oct. 26.
- Wagner, Arthur J., Honolulu, Territory of Hawaii. Adjustable gauge. 2,308,946; Jan. 19.
- Wagner, Carl D., Tulsa, Okla. Safety throwoff. 2,336,141; Dec. 7.
- Wagner, Chester L., Brooklyn, N. Y. Paper fastener. 2,314,532; Mar. 23.
- Wagner, E. R., Manufacturing Company. (See Thiele, Berthold, assignor.)
- Wagner, Edmond M., Southgate, Calif., assignor to Roko Corporation, Reno, Nev. Preventing pitting of well pumps. 2,310,757; Feb. 9.
- Wagner Electric Corporation. (See Boldt, Werner F., assignor.)
- Wagner Electric Corporation. (See Brimble, George D., assignor.)
- Wagner Electric Corporation. (See Cox, John C., assignor.)
- Wagner Electric Corporation. (See Darling, Frank L., assignor.)
- Wagner Electric Corporation. (See Dick, Burns, assignor.)
- Wagner Electric Corporation. (See Dick, B., and Stroup, assignors.)
- Wagner Electric Corporation. (See Farry, Otis T., assignor.)
- Wagner Electric Corporation. (See Freeman, Walter R., assignor.)
- Wagner Electric Corporation. (See Freeman, W. R., and Flies, assignors.)
- Wagner Electric Corporation. (See Milster, Arthur N., assignor.)
- Wagner Electric Corporation. (See Schnell, Steve, assignor.)
- Wagner, Elmer A. (See Wagner, H. A. and E. A.)
- Wagner, Elmer A., Portland, Ore. Material handling truck. 2,325,445; July 27.
- Wagner, Erwin, Berlyn, W. S. Wagner and R. J. Jordan, assignors to Wagner Sign Service, Incorporated, Chicago, Ill. Sign element and mounting the same. 2,314,803; Mar. 23.
- Wagner, Ferdinand, Munich, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Photographic camera. 2,323,739; July 6.
- Wagner, Frederick A., Oakland, Calif. Engine cylinder liner and method. 2,324,547; July 20.
- Wagner, Gustave H. (See Wagner, Harold A. and G. H.)
- Wagner, Harold A., Portland, Ore. Power driven truck. 2,318,726; May 11.
- Wagner, Harold A., Portland, Ore. Automatic timing device. 2,322,899; June 29.
- Wagner, Harold A., Portland, Ore. Concrete mixer tower. 2,327,477; Aug. 24.
- Wagner, Harold A. and G. H., Portland, Ore. Concrete mixer. 2,322,900; June 29.
- Wagner, Harold A. and G. H., Portland, Ore. Concrete mixer. 2,327,473; Aug. 24.
- Wagner, Harold A. and G. H., Portland, Ore. Hoisting tower. 2,327,476; Aug. 24.
- Wagner, Harold A. and E. A., Portland, Ore. Drive controller. 2,334,137; Nov. 2.
- Wagner, Harold H. (See Fitzpatrick, W. J., and Wagner.)
- Wagner, Hermann. (See Orthner, L., Balle, Dittus, and Wagner.)
- Wagner, Hermann. (See Platz, C., Wagner, Keppler, and Nelles.)
- Wagner, J. A. (See Nelson, O. G., and Wagner.)
- Wagner, James A., San Francisco, Calif. Utility kit. 2,333,399; Nov. 2.
- Wagner, Julius A. (See Henning, C. E., and Wagner.)
- Wagner Manufacturing Company, The. (See Bond, Clinton H., assignor.)
- Wagner, Rachelle. (See Vaughn, J. P., and Wagner.)
- Wagner, Robert A. (See Falk, A. C., and Wagner.)
- Wagner Sign Service, Incorporated. (See Wagner, Erwin and W. S., and Jordan, assignors.)
- Wagner, Walter C., Ardmore, Pa. Flowmeter. 2,324,606; July 20.
- Wagner, Walter S. (See Wagner, Erwin and W. S., and Jordan.)
- Wagner, William, and J. Swann, Vancouver, British Columbia, Canada. Diesel engine. 2,332,618; Oct. 26.
- Wagner, William G. (See Lucas, A. R., and Wagner.)
- Wagner, William T., Los Angeles, Calif., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. V-belt. 2,323,740; July 6.
- Wagoner, Sprohnius F., Hutchinson, Kans. Drill chuck. 2,321,533; June 8.
- Wagoner, William M., Newton, N. C. Optometrist tool. 2,318,270; May 4.
- Wahl Clipper Corporation. (See Wahl, Leo J., assignor.)
- Wahl, Leo J., assignor to Wahl Clipper Corporation, Sterling, Ill. Lather machine. 2,310,378; Feb. 9.
- Wahl, Leo J., assignor to Wahl Clipper Corporation, Sterling, Ill. Lather making apparatus. 2,310,379; Feb. 9.
- Wahl, Ottmar. (See Schmidt, K., and Wahl.)
- Wahl, Ottmar, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline & Film Corporation. Removing odor of nigrosines and indulines. 2,328,759; Sept. 7.
- Wahlbeck, John. (See Richter, H., Wahlbeck, and Kleinfeld.)
- Wahlbeck, John H. (See Prosser, T. W., Wahlbeck, Oswald, and Kleinfeld.)
- Wahlberg, Nils E., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Torque tube drive. 2,311,143; Feb. 16.
- Wahlberg, Nils E., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Pedal. 2,312,277; Feb. 23.
- Wahlberg, Nils E., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Motor mount. 2,321,715; June 15.
- Wahlberg, Nils E., assignor to Nash-Kelvinator Corporation, Kenosha, Wis. Adjustable seat. 2,321,716; June 15.
- Wahlberg, Nils E., and W. S. Berry, Kenosha, and J. F. Sladky, Racine, assignors to Nash-Kelvinator Corporation, Kenosha, Wis. Drive shaft center bearing. 2,315,467; Mar. 30.
- Wahlberg, Nils E., R. H. Phelps, and W. S. Berry, assignors to Nash-Kelvinator Corporation, Kenosha, Wis. Automotive suspension. 2,325,894; Aug. 3.
- Wahlberg, Nils E., Chicago, Ill., and W. S. Berry, assignors to Nash-Kelvinator Corporation, Kenosha, Wis. Clutch housing insulator. 2,328,518; Aug. 31.
- Wahlberg, Nils E., and H. F. Wood, assignors to Nash-Kelvinator Corporation, Kenosha, Wis. Transmission. 2,328,519; Aug. 31.
- Wahle, Otto, Prague, Czechoslovakia; vested in the Alien Property Custodian. Producing fabrics having weft threads. 2,313,305; Mar. 9.
- Wahlmark, Gunnar A., Rockford, Ill. Pumping unit. 2,309,683; Feb. 2.
- Wahlmark, Gunnar A., Rockford, Ill. Pumping unit. 2,309,803; Feb. 2.
- Wahlmark, Gunnar A., Rockford, Ill. Fuel pump. 2,311,916; Feb. 23.
- Wahlmark, Gunnar A., Rockford, Ill. Antifriction bearing. 2,337,511; Dec. 21.
- Walbel, Ferdinand, Berlin Charlottenburg, and E. Nitsche, Berlin, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Selenium rectifier. 2,316,905; Apr. 20.
- Wainer, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Preparation of compounds of zirconium, titanium, and hafnium. 2,316,141; Apr. 6.
- Wainer, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Refractory composition. 2,323,951; July 13.
- Wainer, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Photoconductive material and method. 2,331,444; Oct. 12.
- Wainer, Eugene, Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Making zirconium oxide refractories. 2,335,325; Nov. 30.
- Wainer, Eugene, and N. R. Thielke, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Making electrical conductors consisting of chromium oxide and titanium oxide. 2,311,917; Feb. 23.
- Wainer, Eugene, and N. R. Thielke, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Making electrical conductors consisting of vanadium oxide and titanium oxide. 2,311,918; Feb. 23.
- Wainwright, John E. (See Harley, S. J., and Wainwright.)
- Wainwright, John E., Coventry, England. Yieldable means. 2,307,175; Jan. 5.
- Walt, William B., New York, N. Y. Tape marker. 2,316,906; Apr. 20.
- Walt, William B., New York, N. Y. Signal recording. 2,325,451; July 27.
- Waite, Howard E. (See Smith, William K., assignor.)
- Waite, Jerome M. (See Peebles, M. W., and J. C. and J. M. Waite.)
- Waite, John C. (See Peebles, M. W., and J. C. and J. M. Waite.)
- Waite, Ralph B. (See Waite, Sheridan C., assignor.)
- Waite, Raymond A., Yonkers, and L. I. Davis, assignors to Otis Elevator Company, New York, N. Y. Elevator control system. 2,308,221; Jan. 12.
- Waite, Sheridan C., Buffalo, assignor to Ralph B. Waite, Springfield, N. Y. Container and dispensing closure therefor. 2,334,851; Nov. 23.

- Walsfield, George H., Takoma Park, Md. Explosion turbine motor. 2,320,391; June 1.
- Walden, George P., Vermilion, Ohio. Washing device. 2,315,700; Apr. 6.
- Walden, Richard E. B., Alden, assignor to The Selsa Company, Philadelphia, Pa. Rotary pump. 2,318,316; May 4.
- Walden, Walter H., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Die and making same. 2,332,560; Oct. 19.
- Waldman, Selman A., Highland Park, assignor of one-half to Merck & Co., Inc., Rahway, N. J., and one-half to Chas. Pfizer & Co., Inc., Brooklyn, N. Y. Production of fumaric acid. 2,326,986; Aug. 17.
- Walbridge and Company. (See Lower, Melvin S.)
- Walbridge, Newman, Jr. (See Lower, Melvin S., assignor.)
- Walcher, Edna A. (See Galvin, J. E., and Walcher.)
- Walchman, Paul, M. A., A. A., Paris, France; Vested in the Alien Property Custodian. Control devices for steam locomotives. 2,307,437; Jan. 5.
- Walden, Isaac, assignor of one-half to D. London, New York, N. Y. Self-conforming shoulder pad. 2,329,496; Sept. 14.
- Wald, George P., North Olmsted, Ohio, assignor to The American Steel and Wire Company of New Jersey. Continuous support reel for wire processing machines. 2,322,267; June 22.
- Wald, Martin, Bucharest, Rumania; Vested in the Alien Property Custodian. Arrangement for noise elimination at the receiver. 2,315,173; Mar. 20.
- Wald, Reuben E. (See Luma E. C., and Wald.)
- Waldes Koh-I-Noor, Inc. (See Heimann, Heinrich, assignor.)
- Waldes Koh-I-Noor Inc. (See Bontinen, Paul T., assignor.)
- Waldes Koh-I-Noor, Inc. (See Schaeff, Louis W., assignor.)
- Waldes Koh-I-Noor, Inc. (See Soave, John G., assignor.)
- Waldeyer, Carl, San Francisco, Calif. Projection apparatus. 2,319,917; Feb. 2.
- Waldie, George. (See Tucker, W. R., and Waldie.)
- Waldie, William A. (See Drummond, F. E., and Waldie.)
- Waldie, William A., assignor to New Frankie, Inc., Dayton, Ohio. Making an oil modified alkyl resin. 2,319,022; May 11.
- Waldran, Alfred, Detroit, assignor to The Gear Grinding Machine Company, Hamtramck, Mich. Finishing gears making teeth differing in circular pitch in different segments thereof. 2,307,651; Jan. 5.
- Waldb, John E., assignor to Armstrong Manufacturing Co., Bridgeport, Conn. Die stock. 2,322,901; June 20.
- Waldb, Pharez G., P. M. Goodloe 2nd, and H. G. Berger, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. The simultaneous production of petroleum sulphonic acid bodies and a stable lubricating oil. 2,330,163; Sept. 21.
- Waldorf Knitting, Inc. (See Gluck, Fred S., assignor.)
- Waldorf Paper Products Company. (See Burr, John H., assignor.)
- Waldorf Paper Products Company. (See Guyer, Reynolds, assignor.)
- Waldorf Paper Products Company. (See Guyer, R. and Hennessey, assignors.)
- Waldorf Paper Products Company. (See Hennessey, R. J., Genck, and Guyer, assignors.)
- Waldren, Frederic B., Prescott, and J. H. Griffin, Saint Helens, assignors to Pilkington Brothers Limited, Liverpool, England. Minimizing breakage of glass during the production of surfaced continuous strips of glass. 2,315,885; Apr. 6.
- Waldrup, Harry E., and R. J. McMillan, St. Louis, Mo. Cigarette and cigar holder. 2,330,460; Sept. 28.
- Waldron, Cloyd D., Newport News, and R. F. Selden, Hampton, Va. Horsepower meter. 2,318,945; May 11.
- Waldron, William R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing vat dyes in powder form. 2,318,439; May 4.
- Waldschutz, Franz J. (See Iversen, L., and Waldschutz.)
- Waldvogel, Paul, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Device for reducing eddy current losses in stator end plates. 2,310,501; Feb. 9.
- Waes, Allen, Adding Machine Corporation. (See Lambert, Harry L., assignor.)
- Wales, George F., Kenmore, N. Y. Apparatus for perforating sheet material. 2,317,424; Apr. 27.
- Wales, George F., Kenmore, N. Y. Punching device. 2,319,568; May 18.
- Wales, George F., Kenmore, N. Y. Apparatus for perforating sheet material. 2,320,205; May 25.
- Wales, George F., Kenmore, N. Y. Punching device. 2,323,431; July 6.
- Wales, George F., Buffalo, N. Y. Spring mounting for presses. 2,324,657; July 20.
- Wales, George F., Kenmore, N. Y. Sheet material punching apparatus. 2,325,290; July 27.
- Wales, George F., Kenmore, N. Y. Sheet material punching apparatus. 2,325,990; Aug. 3.
- Wales, George F., Kenmore, N. Y. Clamping mechanism for perforating apparatus and other parts. 2,326,588; Aug. 10.
- Wales, George F., Kenmore, N. Y. Punching device. 2,329,020; Sept. 7.
- Wales, George F., Kenmore, N. Y. Punching apparatus. 2,334,138; Nov. 9.
- Waigren Co. (See Boylan, Louis A., assignor.)
- Wails-Easy Foot Rest Manufacturing Company. (See Ross, Wilfred J., assignor.)
- Walker, Brooks, Piedmont, Calif. Venetian blind slat. 2,311,710; Feb. 23.
- Walker, Brooks, Piedmont, Calif. Track for track laying vehicles. 2,337,074; Dec. 21.
- Walker Brothers. (See Rinn, Glenn E., assignor.)
- Walker, Carl V., Camden, S. C. Filter. 2,334,971; Nov. 23.
- Walker, Charles R., Jersey City, N. J., assignor to American Telephone and Telegraph Company. Selective telephone system. 2,327,474; Aug. 24.
- Walker, Charles R., Jersey City, N. J., assignor to American Telephone and Telegraph Company. Teletypewriter transmitting system. 2,334,552; Nov. 16.
- Walker, Claud H., Portland, Oreg. Priming tube. 2,317,653; Apr. 27.
- Walker, Clinton L., Piedmont, Calif. Tennis ball trap. 2,315,409; Mar. 9.
- Walker, Cranford P., San Marino, Calif. Vibration transmitting means. 2,310,559; Feb. 9.
- Walker, Cranford P., San Marino, Calif. Determining fluid pressure and production capacity of oil wells. 2,320,492; June 1.
- Walker, Cranford P., San Marino, and E. E. Simmons, Pasadena, Calif., said Simmons assignor to said Walker. Determining fluid pressure wave translation system. 2,324,340; July 13.
- Walker, Crawford & Company Limited. (See Eaton, John, assignor.)
- Walker, Curtis. (See Turchan, M., and Walker.)
- Walker, Dallas E., assignor of one-half to D. E. Walker, Tampa, Fla. Adjustable grille. 2,324,743; July 20.
- Walker, David S. (See Tandler, L. S., Teller, and Walker.)
- Walker, David S. (See Tandler, W. S., and Walker.)
- Walker, Donald E. (See Walker, Dallas E., assignor.)
- Walker, David L., et al. (See Lambert, Edna, assignor.)
- Walker, Earl C., Chicago, and F. Rank, Lask, Ill., assignors to International Harvester Company. Filter element. 2,337,579; Dec. 28.
- Walker, Elbra E., Hastings, Nebr. Harrow disk mounting. 2,314,969; Mar. 23.
- Walker Electrical Company. (See Walker, R. M., and Alexander, assignors.)
- Walker, Ernest A., assignor to John Bath & Company, Worcester, Mass. Relieving attachment for machine tools. 2,330,201; Dec. 7.
- Walker, Ernest A., assignor to John Bath & Company, Worcester, Mass. Relieving attachment for machine tools. 2,336,202; Dec. 7.
- Walker, Forrest A., Oak Park, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Washing apparatus. 2,314,073; Mar. 23.
- Walker, Foster D., Plano, Ill. Scale remover. 2,328,589; Sept. 7.
- Walker, Frank H. (See Chandler, D. L., Walker, and Ewing.)
- Walsh, Fred E. A., Chicago, Ill., assignor to N. M. Seeburg. Apparatus for separating genuine from spurious coins. 2,315,174; Mar. 30.
- Walker, George A., Brunswick Mo. Electric indicator for typewriters. 2,320,110; May 25.
- Walker, George H., assignor to Heenan & Froude Limited, Worcester, England. Transmission dynamometer. 2,322,182; June 15.
- Walker, George L. (See Hughey, H. G., and Walker.)
- Walker, Harold L., assignor to Esmeo Auto Products Corp., Brooklyn, N. Y. Upholstered metal chair. 2,332,619; Oct. 26.
- Walker, Harry H., Lockport, Ill., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Treating hydrocarbon oils. 2,328,760; Sept. 7.
- Walker, Hiram, & Sons, Inc. (See Wilson, Gardiner C., assignor.)
- Walker, Jack E., Los Angeles, Calif. Shaft sealing means for pumps. 2,331,641; Oct. 12.
- Walker, James D., assignor to The American Well Works, Aurora, Ill. Sediment collecting mechanism. 2,309,556; Jan. 26.
- Walker, Isaac P. (See Goebel, M. T., and Walker.)
- Walker, Isaac P. (See Grace, R. H., and Walker.)
- Walker, Jay P., assignor of forty per cent to Guy O. Marchant, and six per cent to C. G. Wells, Tulsa, Okla. Methods of and means for treating and/or dehydrating oil, gas, and water mixtures, such as flow from oil wells. 2,319,962; May 25.
- Walker, Joseph E. (See Schwartz, G. L., and Walker.)
- Walker, Joseph E., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Formaldehyde addition products and their preparation. 2,321,958; June 15.
- Walker, Joseph F., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of conjugated dienes. 2,327,080; Aug. 17.
- Walker, Joseph F., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of styrene. 2,327,082; Aug. 17.
- Walker, Kenneth E. (See Woodhouse, J. C., and Walker.)

- Walker, L. B., et al. (See Lambert, Emile, assignor.)
- Walker, Lester R. (See Noderer, R. H., and Walker.)
- Walker, Mabel R., et al., executors. (See Walker, R. M., and Alexander.)
- Walker Manufacturing Company. (See Osteen, Richard T., assignor.)
- Walker Manufacturing Company of Wisconsin. (See Jensen, Gunnar, assignor.)
- Walker Manufacturing Company of Wisconsin. (See Powers, Walter H., assignor.)
- Walker, Matt, Seattle, Wash. Weighting and stiffening device. 2,333,603; Nov. 2.
- Walker, Milton A., San Jose, Calif. Tandem aerial torpedo. 2,316,656; Apr. 13.
- Walker, N. E., et al. (See Lambert, Emile, assignor.)
- Walker, Nelson. (See Eshbaugh, J. E., and Walker.)
- Walker, O. S., Co. Inc. (See Beechlyn, John T., assignor.)
- Walker, O. S., Co. Inc. (See Smith, Clayton O., assignor.)
- Walker, Ralph H., Saugus, assignor to Lawson Machine and Tool Co., Malden, Mass. Turret. 2,319,895; May 25.
- Walker, Ralph M., deceased, by M. B. Walker and Trust Company of Georgia, Atlanta, Ga., executors, and G. P. Alexander, Miami, Fla., assignors to Walker Electrical Company, Atlanta, Ga. Automatic outlet box making machine. 2,331,525; Oct. 12.
- Walker, Richard A., St. Joseph, Mo. Ventilator. 2,310,331; Feb. 9.
- Walker, Richard A., St. Joseph, Mo. Seat for package binding strands. 2,331,585; Oct. 12.
- Walker, Robert C., Scarsdale, N. Y. Combat vehicle gunnery sight. 2,308,635; Jan. 19.
- Walker, Stephen P., Winnetka, and A. A. Schramm, assignors to United States Gypsum Company, Chicago, Ill. Ceiling structure. 2,313,687; Mar. 9.
- Walker-Turner Co. Inc. (See Ocenasek, William F., assignor.)
- Walker, Vernon C. (See Hallows, R. L., and Walker.)
- Walker, Victor, Fort Erie, Ontario, Canada, assignor to AlnClm, Inc., Buffalo, N. Y. Glass article and manufacture thereof. 2,328,533; Aug. 31.
- Walker, Walter O. (See Phman, P. J., and Walker.)
- Walker, William, Pocatello, Idaho. Combination utility board and sign. 2,308,556; Jan. 19.
- Walker, William B. (See Cozart, William T., assignor.)
- Walker, William L., San Francisco, Calif. Apparatus for electrolytic protection of vessels from corrosion. 2,329,961; Sept. 21.
- Walker, William O., Whiting, Ind. Apparatus for removing wall paper or other surface ornamentation. 2,319,023; May 11.
- Walkiet, Mercer D., Akron, Ohio, assignor, by mesne assignments, to American Chain & Cable Company, Inc. Bumper guard construction. 2,309,363; Jan. 26.
- Wall, Alexander C., Schenectady, N. Y., assignor to General Electric Company. Spark plug. 2,318,440; May 4.
- Wall, Charles G., Philadelphia, Pa. Fluid mixing valve. 2,308,408; Jan. 12.
- Wall, Elmo. (See Holton, Richard C., assignor.)
- Wall Wire Products Company. (See Heilman, Ross V., assignor.)
- Wallace, Aaron, Jackson Heights, N. Y. Bathroom accessory. 2,329,668; Sept. 14.
- Wallace, Albert M., assignor to American Tag Company, Chicago, Ill. Method and apparatus for forming pin ticket staples. 2,335,715; Nov. 30.
- Wallace, Bert A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Two-way trunk circuit. 2,310,481; Feb. 9.
- Wallace, Bert A., assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Pole changer control circuit. 2,316,730; Apr. 13.
- Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lapping tool. 2,309,485; Jan. 26.
- Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Expansible hone. 2,312,011; Feb. 23.
- Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Expansible hone. 2,312,012; Feb. 23.
- Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Expansible hone. 2,312,013; Feb. 23.
- Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lapping apparatus. 2,312,014; Feb. 23.
- Wallace, David Y., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lapping process. 2,314,533; Mar. 23.
- Wallace, Donald D., Muskegon, Mich. Machine tool. 2,334,231; Nov. 16.
- Wallace, Edward H., Detroit, Mich., and R. K. Iler, Cleveland, Ohio, assignors to United States Rubber Company, New York, N. Y. Electrodepositing iron. 2,316,917; Apr. 20.
- Wallace, Frank C., Los Angeles, Calif., assignor to Monogram Manufacturing Co. Knob device. 2,316,918; Apr. 20.
- Wallace, Frank C., Los Angeles, assignor, by mesne assignments, to H. H. Helbush, Beverly Hills, Calif. Skin clamp. 2,317,315; Apr. 20.
- Wallace, Frank C., Los Angeles, assignor, by mesne assignments, to Herman H. Helbush, Beverly Hills, Calif. Rivet. 2,319,376; May 18.
- Wallace, Frank C., Los Angeles, assignor, by mesne assignments, to H. H. Helbush, Beverly Hills, Calif. Clamp. 2,320,493; June 1.
- Wallace, Frank C., assignor to Monogram Manufacturing Co., Los Angeles, Calif. Curling device. 2,324,607; July 20.
- Wallace, Frank C., Los Angeles, and H. H. Helbush, assignors, by mesne assignments, to Herman H. Helbush, Beverly Hills, Calif. Clamping tool. 2,319,377; May 18.
- Wallace, Herbert A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,315,677; Apr. 6.
- Wallace, Herbert A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,315,886; Apr. 6.
- Wallace, Herbert A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,315,887; Apr. 6.
- Wallace, Herbert A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,331,253; Oct. 5.
- Wallace, J. D., & Co. (See Wallace, J. D., and Landis, assignors.)
- Wallace, James M. (See Rawlings, H. L., and Wallace.)
- Wallace, James M., North Braddock, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,313,185; Mar. 9.
- Wallace, James M., Braddock, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupters. 2,315,678; Apr. 6.
- Wallace, James M., Braddock, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,320,494; June 1.
- Wallace, James M., Braddock, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,333,604; Nov. 2.
- Wallace, Jeffrey J., assignor to Gullett Gin Company, Amite, La. Air blast gin with valve controlled pneumatic mote discharge. 2,322,553; June 22.
- Wallace, John D., and C. H. Landis, assignors to J. D. Wallace & Co., Chicago, Ill. Sawing machine. 2,317,668; Apr. 27.
- Wallace, John F. (See Bailey, Stacy P., assignor.)
- Wallace, John F., University Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Multiple-part assembly bolt. 2,321,170; June 8.
- Wallace, John F., University Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Caster wheel mounting. 2,325,895; Aug. 3.
- Wallace, John H., Alhambra, Calif. Cooling engine cylinders. 2,321,882; June 15.
- Wallace, John H., Los Angeles, Calif. Cooling system for liquid jacketed engines. 2,332,680; Oct. 26.
- Wallace, John J., Gouverneur, N. Y. Grinding mill. 2,316,032; Apr. 6.
- Wallace, Joseph S., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Transmission oil. 2,323,360; June 8.
- Wallace, Marcel, assignor, by mesne assignments, to Panoramic Laboratories, Inc., New York, N. Y. Radio beacon and panoramic reception system. 2,312,203; Feb. 23.
- Wallace, Philip B., assignor to U. S. Pipe Bending Co., San Francisco, Calif. Pipe holding vise. 2,317,702; Apr. 27.
- Wallace Press, The. (See Otis, Erial B., assignor.)
- Wallace, Richard E., Toronto, Ontario, Canada, assignor to The Toronto Star Limited. Baling machine. 2,331,818; Oct. 12.
- Wallace, Roger W. (See Fairbanks, H. N., and Wallace.)
- Wallace, Stanley, Chicago, Ill. Electric pressing iron. 2,316,907; Apr. 20.
- Wallace & Tiernan Products, Inc. (See Ludwig, Bernard J., assignor.)
- Wallace & Tiernan Products, Inc. (See MacKay, John R., assignor.)
- Wallace, Wilfred N. (See Wassell, J. B., and Wallace.)
- Wallace, William D., Wayne, Mich., assignor of forty-six and two-thirds percent to Denes Pataki, thirty-six and two-thirds percent to Carl Ross, and twenty percent to Elmer Strasser. Hardness testing machine. 2,321,717; June 15.
- Wallach, Roger N., Briarcliff Manor, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Piled yarn and cords and producing the same. 2,313,104; Mar. 9.
- Wallach, Roger N., Briarcliff Manor, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Treating textiles. 2,319,834; May 25.
- Wallden, Sven J. (See Lindblad, A. R., Wallden, and Sivander.)
- Wallden, Sven J., and R. S. M. Sundgren-Wallden, née Sundgren, Stockholm, Sweden, assignors to Imperial Chemical Industries Limited, Millbank, London, England. Recovering elemental sulphur from gases containing sulphureted hydrogen, carbon oxysulphide, and carbon disulphide. 2,316,201; Apr. 13.

- Waldner, Victor T., Nutley, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impregnation. 2,322,756; June 29.
- Walle, Ludwig S., Lansdowne, Pa., assignor to General Electric Company. Circuit breaker. 2,337,949; Dec. 28.
- Waller, Alfred, assignor to St. Charles Manufacturing Co., St. Charles, Ill. Drawer slide. 2,325,896; Aug. 3.
- Waller, George A., Mount Vernon, N. Y. Overload clutch. 2,313,708; Mar. 9.
- Waller, Lee R., Montreal, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 2,323,692; July 6.
- Waller, Lee R., Montreal, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 2,324,341; July 13.
- Waller, William, Jr., Chicago, Ill. Marine shock absorber. 2,337,787; Dec. 28.
- Wallerstein Company. (See Pfannmuller, Julius, assignor.)
- Wallerstein Company. (See Pfannmuller, J., and Schleich, assignors.)
- Wallgren, August G. F., Eskilstuna, Sweden. Internal combustion engine. 2,331,972; Nov. 23.
- Wallgren, August G. F., and K. E. Evrell, Eskilstuna, Sweden. Lubricating piston engine. 2,317,004; Apr. 20.
- Wallhausen, Clarence W. (See Lee, C. B., and Wallhausen.)
- Wallin, Ernst H., Arvika, Sweden. Supporting frame for rucksacks and the like. 2,310,137; Feb. 2.
- Wallin, Ernst H., Arvika, Sweden. Convertible textile article. 2,317,834; Apr. 27.
- Wallin, Fred E. A., assignor to N. M. Seeburg, Chicago, Ill. Apparatus for separating genuine from spurious coins. 2,327,045; Aug. 24.
- Wallin, Fred E. A., University City, Mo., assignor to N. M. Seeburg, Chicago, Ill. Apparatus for separating genuine from spurious coins. 2,335,369; Nov. 30.
- Wallin, Loren, Wadesboro, N. C. Hypodermic needle rack. 2,313,905; Mar. 16.
- Walling, Cheves. (See Kvaines, D. E., Smith and Walling.)
- Walling, Clyde E. (See Root, Ralph E., assignor.)
- Walling, Clyde E., Cleveland, Ohio. Clamping fixture for machine tools. 2,324,608; July 20.
- Walling, Frank E., Portland, assignor of one-half to J. W. Walling, Amity, Oreg. Janitor's cart. 2,311,422; Feb. 16.
- Wallis, John S. (See Throckmorton, J. W., and Wallis.)
- Wallis, John S., Darien, and J. W. Throckmorton, Wilton, Conn., assignors to Petro-Chem Development Company, New York, N. Y. Furnace construction. 2,333,077; Oct. 26.
- Wallis, John S., Darien, and J. W. Throckmorton, Wilton, Conn., assignors to Petro-Chem Development Company, New York, N. Y. Furnace construction. 2,333,078; Oct. 26.
- Walling, John W. (See Walling, Frank E., assignor.)
- Wallis, John W., Los Angeles, Calif. Pipe coupling. 2,327,571; Aug. 24.
- Wallis, John W., Los Angeles, Calif. Pipe coupling. 2,327,572; Aug. 24.
- Wallis, Lionel S., Birmingham, England. Spring mattress and the like. 2,320,020; May 25.
- Walliser, Robert E., Libertyville, Ill., assignor, by direct and mesne assignments, of one-third to T. S. Johnson, Irvington, N. Y., as trustee, one-third to W. Stahl and one-third to A. Hanisch, Chicago, Ill. Rug. 2,308,577; Jan. 19.
- Walley, John G., Landskrona, Sweden. Apparatus for filtering and washing solid matter. 2,314,294; Mar. 16.
- Wallrath, Burton, and L. Basinski, Saginaw, Mich., assignors to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Method and apparatus for making fibrous mineral material. 2,318,821; May 11.
- Walls, Herbert L., Salt Lake City, Utah. Apparatus for tightening airplane propeller shaft thrust bearing nuts. 2,313,105; Mar. 9.
- Walma, Theodore K., Iowa City, Iowa. Adjusting means for cutting blades. 2,336,050; Dec. 7.
- Walper, Curry G., Kitchener, Ontario, Canada. Footwear. 2,331,062; Oct. 5.
- Walpole, Harry J., Grantwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Scrap disposal system. 2,316,476; Apr. 13.
- Walpole, Harry J., Grantwood, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Safety system. 2,331,076; Oct. 19.
- Walpro Products Corporation, The. (See Walters, F. C., and Proudman, assignors.)
- Walraven, George M. (See Larson, K. R., and Walraven.)
- Walsh, Basil J. (See Hannay, W. H., and Walsh.)
- Walsh, Carroll H. (See Pittman, R. R., and Walsh.)
- Walsh, David J. (See Joyce, B. P., Brayton, Walsh, and Dardick.)
- Walsh, James F. (See Daly, R. E., and Walsh.)
- Walsh, James F., Yonkers, N. Y., assignor to American Maize-Products Company. Making purified sirup. 2,319,649; May 18.
- Walsh, James F., Yonkers, N. Y., assignor to American Maize-Products Company. Making dextrose. 2,330,785; Sept. 28.
- Walsh, James F., Yonkers, N. Y., and J. Dudicker, Hammond, Ind., assignors to American Maize-Products Company. Making dextrose. 2,319,648; May 18.
- Walsh, John G., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,337,433; Dec. 21.
- Walsh, Margaret M., New York, N. Y. Glove attacher. 2,316,033; Apr. 6.
- Walsh, Philip J., San Francisco, Calif. Electromagnetic system. 2,329,021; Sept. 7.
- Walsh, Ralph, Los Angeles, Calif. Handicap computer. 2,322,331; June 22.
- Walsh, William J. (See Pearson, H. N., Wiedemeyer, and Walsh.)
- Walsh, William J., assignor to Burlington Mills, Inc., Burlington, Wis. Rubber impregnated fibrous body of material and making the same. 2,327,573; Aug. 24.
- Walshmith, Grover C., Blanco, Tex., and J. M. Ethridge, Anthony, N. Mex. Cottonseed delinting machine. 2,309,423; Jan. 26.
- Walstrom, Brother E., Buchanan, Mich. Shoe form. 2,319,650; May 18.
- Walstrom, Emil A., assignor to Builders Safety Products, Inc., St. Louis Park, Minn. Builder's safety horse clamp. 2,330,766; Sept. 28.
- Walt, Albert J., Aurora, and A. F. Rehnberg, Rockford, Ill., assignors to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Apparatus for producing multiply tubing. 2,322,477; Apr. 22.
- Waltenberg, Romaine G., Roselle, assignor to The H. A. Wilson Company, Newark, N. J. Bimetallic element. 2,315,565; Apr. 6.
- Waltenberg, Romaine G., Roselle, assignor to The H. A. Wilson Company, Newark, N. J. Bimetal. 2,332,416; Oct. 19.
- Walter, Carl W., Newton, Mass. Aseptic transfer of sterile articles. 2,316,731; Apr. 13.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Weight classifier. 2,308,729; Jan. 19.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Weighing and grading apparatus. 2,311,141; Feb. 16.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Poultry chilling. 2,314,317; Mar. 16.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Filling and sealing device. 2,319,193; May 11.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Container filling and weighing apparatus. 2,319,908; May 25.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Filling and closing machine. 2,324,443; July 13.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Sausage stuffing nozzle. 2,325,446; July 27.
- Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Marking sausage. 2,326,082; Aug. 3.
- Walter, Dorsey E., Sedalia, Mo. Bun pressing machine. 2,317,316; Apr. 20.
- Walter, Frederick R., administrator. (See Conradson, Conrad M.)
- Walter, Fritz, Berlin, Germany; vested in the Allen Property Custodian. Projector device. 2,335,326; Nov. 30.
- Walter, Gustav, Jersey City, N. J. Adjustable shaft bearing. 2,326,268; Aug. 10.
- Walter, Harry H., Hughesville, Md. Fertilizer distributor. 2,329,310; Sept. 14.
- Walter, Henry E., assignor to Wood Conversion Company, Cloquet, Minn. Artificial fiber board. 2,317,504; Apr. 27.
- Walter, John M., assignor to The G. A. Gray Company, Cincinnati, Ohio. Horizontal boring, drilling, and milling machine. 2,307,975; Jan. 12.
- Walter, Robert. (See Arens, H., Kometat, Walter, and Wilmanns.)
- Walter, Willie J. (See Neumann, E. R., and Walter.)
- Walters, Christopher, Swanwick, assignor to The Butterley Company Limited, Butterley, England. Bridge. 2,324,521; Nov. 16.
- Walters, Clarence C. (See Bergmann, R. F., and Walters.)
- Walters, Ernest G., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Magnetic core. 2,310,820; Feb. 9.
- Walters, Franklin C., and C. F. Proudman, assignors to The Walpro Products Corporation, New Canaan, Conn. Butter dispenser. 2,312,456; Mar. 2.
- Walters, Gustav, assignor to The Russell Manufacturing Company, Middletown, Conn. Brake lining. 2,307,814; Jan. 12.
- Walters, Robert C., East St. Louis, Ill. Automatic punch-board. 2,314,743; Mar. 23.
- Walters, Robert M., Baltimore, Md., assignor to The Linde Air Products Company. Severing and removing rails and the like. 2,326,906; Aug. 17.
- Walters, Roscoe E., Oklahoma City, Okla. Air purger. 2,327,081; Aug. 17.
- Walters, Roy H. (See Berry, N. E., and Walters.)
- Walters, Thomas A., assignor to American Blower Corporation, Detroit, Mich. Vortex eliminator in air handling apparatus. 2,325,154; July 27.

- Walters, Tom, Tampa, Fla. Press. 2,334,520; Nov. 16.
Waltham Watch Company. (See Bentley, G. P., and Carpenter, assignors.)
Waltham Watch Company. (See Ott, Harry G., assignor.)
Walther, August, Frankfort-on-the-Main-Oberrad, Germany; vested in the Alien Property Custodian. Electrical drive for wheel type presses or the like. 2,335,467; Nov. 30.
Walther, George, and E. L. Miller, Dayton, Ohio, assignors to The Dayton Steel Foundry Company, Dayton, Ohio. Independently rotatable duel wheel construction. 2,333,753; Nov. 9.
Walther, Henry, Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Preparation of horn compositions. 2,313,410; Mar. 9.
Walther, Lucian E., Del Mar, assignor of one-half to A. Crane, Hollywood, Calif. Electric water heater. 2,325,722; Aug. 3.
Walther, Margaret. (See Sanderson, W., Amelung, and Walther.)
Waltman, Chauncey E., Chicago, Ill., assignor to National Enameling & Stamping Company, Milwaukee, Wis. Cover operating means for cooking appliances. 2,325,897; Aug. 3.
Waltrunn, Ernst, Krefeld, Germany, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing water-repellent synthetic textiles. 2,335,980; Dec. 7.
Walton, Bruce, Glenbrook, Conn., assignor, by mesne assignments, to Sterling Drug Inc., Wilmington, Del. Aluminum hydroxide powder and preparing the same. 2,323,432; July 6.
Walton, George W., Beverly Hills, Calif. Draw works transmission. 2,309,285; Jan. 26.
Walton, Jack, Tampa, Fla. Airplane flight level indicator. 2,323,693; July 6.
Walton, James C., Newton Center, and G. E. Hall, Dedham, assignors to Boston Woven Hose & Rubber Company, Cambridge, Mass. Nonstatic belting. 2,318,441; May 4.
Walton, Lewis E., West Lawn, Pa. Combination hydraulic and rubber die. 2,317,869; Apr. 27.
Walton, Ulysses S., Memphis, Tenn. Denture. 2,314,674; Mar. 23.
Walton, William T., and W. A. Jordan, Chicago, Ill., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Production of synthetic drying oils. 2,308,222; Jan. 12.
Waltz, Thomas A. (See Kullman, A., and Waltz.)
Walz, Thomas A., Cincinnati, Ohio. Rotary furnace. 2,334,650; Nov. 9.
Walworth Patents Inc. (See Mattimore, John D., assignor.)
Walworth Patents Inc. (See McCarthy, H., and Brasel, assignors.)
Walworth Patents Inc. (See Morehead, French H., assignor.)
Walz, Claude W., Pueblo, Colo. Beet harvester. 2,337,698; Dec. 28.
Walz, Claude W., Avondale, Colo. Beet harvester. 2,337,698; Dec. 28.
Walz, John G., Holyoke, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bimetallic clutch. 2,320,900; June 1.
Walz, Rudolph, Jersey City, N. J., and H. A. Stone, New York, N. Y. Banding machine. 2,307,976; Jan. 12.
Wamnes, Leonard B., White Plains, R. D. Stott, New York, N. Y., and A. W. Canney, Fort Worth, Tex. Door. 2,328,761; Sept. 7.
Wampler, Jacob, Riegelsville, Pa. Vehicle traction device and tire lug. 2,314,295; Mar. 16.
Wampner, Herbert L. (See Bogin, C., and Wampner.)
Wana, Heinrich. (See Löckmann, H. W., and Wana.)
Wanamaker, Elmer M., and W. D. Morgan, Jr., Knoxville, Tenn., assignors to Electro Manganese Corporation, Minneapolis, Minn. Purification in electrowinning of manganese. 2,325,723; Aug. 3.
Wanatik, Samuel H., Bronx, N. Y. Ash disposal device. 2,308,947; Jan. 19.
Wandel, Barney, Boston, Mass., assignor to No Rewind Reel Corp., adapter for nonrewind expandable film reels. 2,324,658; July 20.
Wandel, Bromslaw, Boston, Mass. Clamp attachment for bedsteads. 2,337,069; Dec. 14.
Wandrey, Clarence W., Chicago, Ill., assignor to Zenith Radio Corporation. Antenna coupling and tuning system for communication or broadcast receivers. 2,310,720; Feb. 9.
Wangerin, Elmer O., assignor to Eastman Kodak Company, Rochester, N. Y. Warning device for cameras with vacuum-type platens. 2,333,835; Nov. 9.
Wann, Charles H., Arcadia, assignor of one-half to M. N. Wann, Winchester, Ind. Motor vehicle wheel. 2,323,502; July 6.
Wann, Merrill N. (See Wann, Charles H., assignor.)
Wann, Richard H. (See Roberts, Vernon L., assignor.)
Wannamaker, Thomas E., Orangeburg, S. C., assignor to Eastman Kodak Company, Rochester, N. Y. Treatment of N-monomethyl-p-aminophenol. 2,313,605; Mar. 9.
Wanner, Carl, Barcelona, Spain. Apparatus for treating cement raw material and the like. 2,314,296; Mar. 16.
Wanner, Edwin F., assignor to National Fireproofing Corporation, Pittsburgh, Pa. Hollow building unit for steel reinforced walls. 2,326,708; Aug. 10.
Wantz, Clarence, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Control device. 2,307,870; Jan. 12.
Wantz, Clarence, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Control device. 2,307,871; Jan. 12.
Wantz, Clarence, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Lead connector. 2,318,822; May 11.
Wantz, Clarence, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Safety shut-off and control device. 2,318,823; May 11.
Wantz, Clarence, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Safety switch. 2,330,461; Sept. 28.
Wanvig, Harry F. (See Csanyi, Henry, assignor.)
Wapner, Charles. (See Muncy, W. A., and Wapner.)
Wappler, Frederick C., New York, N. Y. Apparatus for making tubular bodies. 2,322,902; June 29.
Wappler, Frederick C., New York, N. Y. Optical instrument. 2,324,444; July 13.
Wappler, Frederick C., New York, N. Y. Illuminating device for surgical instruments. 2,331,526; Oct. 12.
Wappner, Ralph C., and F. M. Osborne, assignors to The Ohio Thermometer Company, Springfield, Ohio. Thermometer. 2,313,688; Mar. 9.
War, Government of the United States as represented by the Secretary of. (See Ocker, William C., assignor.)
War, Secretary of, Government of the United States of America as represented by, and his successors. (See Garand, John C., assignor.)
War, United States of America, as represented by the Secretary of. (See Fix, Eugene J., assignor.)
War, United States of America as represented by the Secretary of. (See Studier, René R., assignor.)
War of the United States of America and to his successors in office. The Secretary of. (See Goshorn, J. C., and Gross, assignors.)
Ward, Alger L., Drexel Hill, Pa., assignor to The United Gas Improvement Company. Aralkyl phenol and making the same. 2,321,440; June 8.
Ward, Alger L., Drexel Hill, Pa., assignor to The United Gas Improvement Company. Aralkyl phenol and method for its production. 2,329,671; Sept. 14.
Ward, Ashley F. (See Heller, William F., assignor.)
Ward, Carroll P., Galveston, Tex. Shelter attachment for motor vehicles. 2,315,680; Apr. 6.
Ward, Charles. (See Hansen, Lee R., assignor.)
Ward, Earl M., Los Angeles, assignor of twenty-five per cent to G. C. Sullivan, Hollywood, Calif. Internal combustion engine. 2,322,606; June 22.
Ward, Frederick A., assignor to The Gear Grinding Machine Company, Hamtramck, Mich. Form grinding machine. 2,329,428; Sept. 14.
Ward, George C. (See Seymour, G. W., and Ward.)
Ward, George E. (See Stubbs, J. J., Lockwood, Roe, and Ward.)
Ward, George E., and B. Tabenkin, Washington, Ill., assignors to Claude R. Wickard, as Secretary of Agriculture of United States of America, and his successors in office. Purification of lactic acid. 2,331,948; Oct. 19.
Ward, George L., Northwood, England, assignor to International Standard Electric Corporation, New York, N. Y. Electrically heated soldering apparatus. 2,336,904; Dec. 14.
Ward, Herbert K. (See Lodeesen, H. J., and Ward.)
Ward, John C., and S. Reso, assignors to Universal Tobacco Machine Co., Inc., Jacksonville, Fla. Apparatus for perforating cigars. 2,323,694; July 6.
Ward, John T., Westfield, assignor to Gasoline Products Company, Inc., Newark, N. J. Treating hydrocarbon fluids. 2,311,421; Feb. 16.
Ward, Lawrence T., Philadelphia, Pa., assignor to Knapp-Monarch Company, St. Louis, Mo. Dispensing bulb. 2,322,183; June 15.
Ward, Lawrence T., Philadelphia, Pa., assignor to Knapp-Monarch Company, St. Louis, Mo. Life belt inflating mechanism. 2,324,744; July 20.
Ward, Lawrence T., Philadelphia, Pa., assignor to Knapp-Monarch Company, St. Louis, Mo. Charging mechanism for aerators and the like. 2,336,708; Dec. 14.
Ward Leonard Electric Company. (See Andrews, Rufus A., assignor.)
Ward Leonard Electric Company. (See Kouyoumjian, Haroutum K., assignor.)
Ward Leonard Electric Company. (See Logan, Frank G., assignor.)
Ward, Lloyd A., assignor to Tomkins-Johnson Company, Jackson, Mich. Two-way speed control valve. 2,337,512; Dec. 21.
Ward, Ralph E., Erie, Pa. Mold for helical springs. 2,322,757; June 29.
Ward, Ralph E., Erie, Pa. Mold for helical springs. 2,323,286; June 29.
Ward, Raymond R. (See Gardella, A. B., and Ward.)
Ward, Raymond R., assignor, by direct and mesne assignments, of one-half to A. B. Gardella, Cleveland, Ohio. Step shimming strip. 2,315,360; Mar. 30.

- Ward, Robert N., Royal Oak, and R. H. Dean, assignors to Teumstead Manufacturing Company, Detroit, Mich. Conventional locking system for automobiles. 2,329,309; Sept. 14.
- Ward, Willard H., St. Johnsbury, Vt., assignor to Fairbanks, Morse & Co., Chicago, Ill. Safety coupler. 2,327,940; Aug. 24.
- Wardlyn Corporation. (See Flynn, Vincent J., assignor.)
- Wardwell, George W., Jr., Nichols, Conn., assignor to General Electric Company. Ironer. 2,325,447; July 27.
- Wardwell, George W., Jr., Nichols, and George J. Filla, Bridgeport, Conn., assignors to General Electric Company. Ironing machine. 2,325,448; July 27.
- Wardwell, George W., Jr., Nichols, Conn., assignor to General Electric Company. Rotary ironer. 2,325,449; July 27.
- Wardwell, George W., Jr., Nichols, Conn., assignor to General Electric Company. Ironer. 2,325,450; July 27.
- Ware, Foster, San Francisco, Calif. Life preserver and distress signal. 2,320,111; May 25.
- Ware, Marsden, Huntingdon Woods, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,309,227; Jan. 26.
- Ware, Robert R., assignor to Chicago Roller Skate Company, Chicago, Ill. Roller. 2,333,400; Nov. 2.
- Ware Shoals Manufacturing Co. (See Hunt, John O., assignor.)
- Ware, Willis C., assignor, by mesne assignments, to Industrial Abrasives, Inc., Chicago, Ill. Adhesive. 2,311,271; Feb. 16.
- Ware, Willis C., assignor, by mesne assignments, to Industrial Abrasives, Inc., Chicago, Ill. Adhesives. 2,311,272; Feb. 16.
- Wareham, Percy Royal Oak, assignor of one-half to J. M. Toy, Detroit, Mich. Rotary fan. 2,337,700; Dec. 28.
- Wareham, Roy M., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Method and apparatus for sealing packages. 2,337,176; Dec. 21.
- Warfield, Claude E., Minneapolis, assignor to H. L. Mills, Northfield, Minn. Dispenser for can-contained liquids. 2,307,378; Jan. 5.
- Wark, David E. (See Overacker, F. S., Thorn, and Mark.)
- Warman, Ora J., Pomona, Calif. Tire vulcanizing bag. 2,331,087; Oct. 5.
- Warnisham, Arthur, assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical objective. 2,310,502; Feb. 9.
- Warnisham, Arthur, assignor to Kapella Limited, Leicester, England. Compound microscope and lens system therefor. 2,313,460; Mar. 9.
- Warnisham, Arthur, assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical objective. 2,327,947; Aug. 24.
- Warnisham, Arthur, assignor to Taylor, Taylor & Hobson Limited, Leicester, England. Optical system. 2,336,379; Dec. 7.
- Warnisham, Arthur, and C. G. Wynne, assignors to Taylor, Taylor & Hobson Limited, Leicester, England. Optical objective. 2,319,171; Mar. 11.
- Warnat, Kurt, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Preparation of the cyanhydrin of formisobutyraldol. 2,315,679; Apr. 6.
- Warnat, Kurt, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Phosphoric acid derivatives of bactericidal compounds and manufacture thereof. 2,316,908; Apr. 20.
- Warner Brothers Pictures, Inc. (See Arndt, William F., assignor.)
- Warner Bros. Pictures, Inc. (See Haskin, Byron C., assignor.)
- Warner Company. (See Murray, James A., assignor.)
- Warner, David H., Akron, Ohio. Match pack. 2,311,793; Feb. 23.
- Warner, David H., Canton, Ohio. Match pack. 2,311,794; Feb. 23.
- Warner, Edgar, Dayton, assignor to The Champion Paper and Fibre Company, Hamilton, Ohio. Coating paper. 2,316,202; Apr. 13.
- Warner, Edward R., Glendale, Calif., assignor to Lockheed Aircraft Corporation. Aircraft landing gear. 2,336,203; Dec. 7.
- Warner, Homer C. (See Schurr, C. H., and Warner.)
- Warner, John W., Topeka, Kans. Liquid fuel burner. 2,335,370; Nov. 30.
- Warner, Louis A., Baltimore, Md. Radio navigator. 2,315,754; Apr. 6.
- Warner, Louis A., Baltimore, Md. Radio navigator. 2,315,755; Apr. 6.
- Warner, Louis A., Baltimore, Md. Air speed and similar indicator. 2,315,756; Apr. 6.
- Warner, Matthew F., and Selig S. Liese, Freeport, assignors to B. Rosenberg and S. W. Fried, New York, N. Y., as trustees. Selective automatic apparatus for reproducing images from records thereof. 2,318,118; May 4.
- Warner, Otto P., and Frank S., Cleveland, Ohio, assignors to The National Telephone Supply Company. Wire holding device. 2,327,683; Aug. 24.
- Warner-Patterson Company. (See Ikert, Bruno M., assignor.)
- Warner, Russell A., Schenectady, N. Y., assignor to General Electric Company. Volt ampere measurement regulator. 2,327,833; Aug. 24.
- Warner & Swasey Company, The. (See Ballash, Clarence J., assignor.)
- Warner & Swasey Company, The. (See Eberhardt, Karl J., assignor.)
- Warner & Swasey Company, The. (See Lange, Max E., assignor.)
- Warner & Swasey Company, The. (See Stoen, Clifford L., assignor.)
- Warner, Wilbur W., Fort Wayne, Ind., assignor to General Electric Company. Reversing split phase motor control. 2,330,648; Sept. 28.
- Warp, Harold, Chicago, Ill. Toothbrush. 2,317,123; Apr. 20.
- Warp, Harold, Chicago, Ill. Window shade machine. 2,321,055; June 8.
- Warren, David, Madawaska, Maine, assignor to Fraser Companies Limited, Edmundston, New Brunswick, Canada. Paper machine slice assembly. 2,325,016; July 20.
- Warren, Donald M., La Fayette, Ind. Toy figure. 2,314,744; Mar. 23.
- Warren, Donald M., Lafayette, Ind. Toy scenery. 2,324,892; July 20.
- Warren, Frederick A., Atlanta, Ga. Surface drain. 2,328,315; Aug. 31.
- Warren, Glenn B., Niskayuna, N. Y., assignor to General Electric Company. Valve arrangement. 2,333,455; Nov. 2.
- Warren, Glenn B., Niskayuna, N. Y., assignor to General Electric Company. Sealing arrangement for elastic fluid turbines and the like. 2,336,323; Dec. 7.
- Warren, Harold M., Salt Lake City, Utah. Device for holding multiple-part forms. 2,311,717; Feb. 23.
- Warren, Harry E., Bronxville, N. Y. Parking garage system. 2,316,034; Apr. 6.
- Warren, Harry L., Kilmunby, Ill. Material spreader attachment. 2,323,262; June 29.
- Warren-Knight Company. (See Fatkin, Harry W., assignor.)
- Warren, Otey Y., Roslyn Estates, N. Y. Carrier carton. 2,321,534; June 8.
- Warren, Otey Y., Roslyn Estates, N. Y. Portable carrier. 2,329,800; Sept. 21.
- Warren, Pickett L., assignor to Royal Electric Manufacturing Company, Chicago, Ill. Strain insulator. 2,336,324; Dec. 7.
- Warren, S. D., Company. (See Bicknell, John A., assignor.)
- Warren, S. D., Company. (See Porter, Laurence W., assignor.)
- Warren Tank Car Company. (See Rearwin, E. W., and Mathis, assignors.)
- Warren Telechron Company. (See Cowles, George P., assignor.)
- Warren, Walter F., Hermosa Beach, Calif. Fastener. 2,314,470; Mar. 23.
- Warren, William A., Hurley, N. Y. Starting and operating circuit for hot cathode gaseous discharge lamps. 2,333,499; Nov. 2.
- Warwick, Charles F., Detroit, Mich., assignor of one-half to The Imperial Brass Manufacturing Company, Chicago, Ill. Relay mechanism. 2,327,684; Aug. 24.
- Warrington, Albert R. van C., Wallingford, Pa., assignor to General Electric Company Protective arrangement. 2,309,487; Jan. 26.
- Warrington, Albert R. van C., Wallingford, Pa., assignor to General Electric Company. Protective system. 2,315,468; Mar. 30.
- Warrington, Albert R. van C., Wallingford, Pa., assignor to General Electric Company. Protective system. 2,315,469; Mar. 30.
- Warrington, Albert R. van C., Wallingford, Pa., assignor to General Electric Company. Protective system. 2,315,470; Mar. 30.
- Warrington, Albert R. van C., Wallingford, Pa., assignor to General Electric Company. Protective system. 2,315,471; Mar. 30.
- Warshaw, Charles, Kingston, assignor to Renart Sportswear Corporation, New York, N. Y. Sweater. 2,312,609; Mar. 2.
- Warsher, Adolph, Maywood, assignor to Duro Test Corporation, North Bergen, N. J. Vapor electric lamp installation. 2,333,694; Nov. 9.
- Warsher, Adolph, Great Neck, and J. Polock, Kew Gardens, N. Y. Paper sputum cup. 2,324,893; July 20.
- Wasberg, Axel, assignor to Chicago Railway Equipment Company, Chicago, Ill. Sliding door structure. 2,313,106; Mar. 9.
- Waseige, Charles R., Ruell, France; vested in the Alien Property Custodian. Variable pitch aerial propeller. 2,314,025; Mar. 16.
- Waseige, Charles R., Ruell-Malmalson, France; vested in the Alien Property Custodian. Pressure control valve. 2,320,686; June 1.
- Waseige, Charles R., Ruell, France; vested in the Alien Property Custodian. Operating mechanism for retractable members on board aircraft. 2,333,132; Nov. 2.
- Washam, Patrick H., Jr., Pittsburgh, Pa. Uncoller. 2,323,104; June 29.

- Washbond, Harry H., assignor to The Baker Manufacturing Company, Springfield, Ill. Snowplow. 2,337,434; Dec. 21.
- Washburn Company, The. (See Zuck, Albert L., assignor.)
- Washburn, Edward D. and P. M. Shelby, N. C. Automatic measuring apparatus. 2,320,767; June 1.
- Washburn, Edward M., Merchantville, N. J., assignor to Radio Corporation of America. Mounting piezoelectric crystals. 2,329,497; Sept. 14.
- Washburn, Edward M., Merchantville, N. J., assignor to Radio Corporation of America. Mounting piezoelectric crystals. 2,329,498; Sept. 14.
- Washburn, Harold W., assignor to Consolidated Engineering Corporation, Pasadena, Calif. Seismic prospecting system. 2,331,363; Oct. 12.
- Washburn, Herbert C., Detroit, Mich. Brooder. 2,309,720; Feb. 2.
- Washburn, Pinkney M. (See Washburn, Edward D. and P. M.)
- Washburn, George F., New York, N. Y., assignor to The Dairy Register Company, Dayton, Ohio. Sales book. 2,322,983; June 29.
- Washburne, Robert N. (See Spence, L. U., Washburne, and Butterbaugh.)
- Washington Institute of Technology, Inc. (See Davies, Gomer L., assignor.)
- Washington Institute of Technology, Inc. (See Harshaw, John A., assignor.)
- Washington Institute of Technology, Inc. (See Kear, Frank G., assignor.)
- Washington Institute of Technology, Inc. (See Shaw, Benson K., assignor.)
- Washington State Hop Producers, Inc. (See Gordon, J. G., and Lesh, assignors.)
- Washington University, The. (See Moore, Thomas R., assignor.)
- Waschen, Edward. (See Kleinschmidt, R. V., and Waschen.)
- Washman, Patrick H., Jr., Dravosburg, Pa. Strip coiler. 2,325,559; July 27.
- Washton, Abram A., New London, Conn. Apparatus for casting lead ballast. 2,332,956; Oct. 26.
- Waslewski, Eugene W. (See Gregory, A. T., and Waslewski.)
- Wasinger, Nick F. (See Thompson, R. L., and Wasinger.)
- Wasisko, George G., Milwaukee, Wis. X-ray shield. 2,331,586; Oct. 12.
- Wasmuth, Roland. (See Kopf, E., and Wasmuth.)
- Wassall, John B., Burbank, and W. N. Wallace, Glendale, Calif., assignors, by mesne assignments, to Vega Aircraft Corporation. Aircraft landing gear. 2,329,168; Sept. 7.
- Wassell, Harold J. H., Chelmsford, England, assignor to Radio Corporation of America. Spot adjusting mechanism for radio transmitters. 2,323,170; June 29.
- Wassell, Helen E. (See Wilkes, B. G., and Wassell.)
- Wassell, Helen E., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Composition for removing wallpaper. 2,317,505; Apr. 27.
- Wassen, Kurt. (See Rochford, E. P., Stuart, II, and Wassen.)
- Wassneger, Hans, Dessau in Anhalt, Germany; vested in the Alien Property Custodian. Manufacture of carbon-exchanging artificial resins. 2,319,359; May 18.
- Wassneger, Hans, Dessau in Anhalt, Germany; vested in the Alien Property Custodian. Manufacture of mixed resins for cation exchange. 2,333,754; Nov. 9.
- Wasserman, Hyman, Chicago, Ill., assignor to Seelding Locks Corporation, Appleton, Wis. Hair fastener. 2,337,786; Dec. 28.
- Wasserman, Nathan, South Milwaukee, Wis. Shipping carton. 2,317,005; Apr. 20.
- Wassermann, Rene, New York, N. Y. Baking utensil coating material. 2,309,488; Jan. 26.
- Watch Tower Bible and Tract Society, Inc. (See Kurzen, John G., Jr., assignor.)
- Water & Sewer Equipment Corporation. (See Miller, Thomas, assignor.)
- Waterbury Buckle Company. (See Painter, Walter S., assignor.)
- Waterbury Button Company, The. (See Kaynor, W. F., and Baer, assignors.)
- Waterbury Button Company. (See Rigby, Thomas S., assignor.)
- Waterbury, Carl C., Chicago, Ill. Rubber article and making same. 2,321,340; June 8.
- Waterbury Clock Company. (See Kohlhausen, Walter, assignor.)
- Waterbury Farrel Foundry and Machine Company, The. (See Wilcox, Richard L., assignor.)
- Waterhouse, Carmack, et al. (See Bills, I. E., and Patey, assignors.)
- Waterhouse Company. (See Rourke, Robert U., assignor.)
- Waterman, Arthur E., assignor to James Manufacturing Company, Fort Atkinson, Wis. Locking and adjusting means for window sashes. 2,319,525; May 18.
- Waterman, Bertha E., Indianapolis, Ind. Fence wire clamp. 2,324,445; July 13.
- Waterman, Edw. W., Coleville, Calif. Air motor. 2,317,317; Apr. 20.
- Waterman, Herbert C. (See Brace, K. P., and Waterman.)
- Waterman, Herbert, assignor to Aerovox Corporation, New Bedford, Mass. Forming circuit. 2,320,495; June 1.
- Waterman, Logan C., Houston, Tex., assignor to Petrolite Corporation, Ltd., Wilmington, Del. Fluid indicating and control means. 2,309,228; Jan. 26.
- Waterman Steamship Corporation. (See Deegan, John G., assignor.)
- Waterman Steamship Corporation. (See Lemon, Roy T., assignor.)
- Waters, Daniel V. (See Boynton S. E., and Waters.)
- Waters, Daniel V. (See Reichelt, L. O., and Waters.)
- Waters, Eugene D., Buffalo, assignor to Max D. Farmer, East Aurora, N. Y., as trustee. Marker for aircraft landing stations. 2,330,096; Sept. 21.
- Waters, Eugene D., Buffalo, assignor to Max D. Farmer, East Aurora, N. Y., as trustee. Reflecting unit. 2,330,097; Sept. 21.
- Waters, Harry F., New York, N. Y. Container. 2,316,919; Apr. 20.
- Waters, Harry F., New York, N. Y. Container for bakery products. 2,324,043; July 13.
- Waters, Harry F., New York, N. Y. Lined carton. 2,326,269; Aug. 10.
- Waters, Harry F., New York, N. Y. Producing liquid containing packages. 2,329,311; Sept. 14.
- Waters, Harry F., New York, N. Y. Shipping container. 2,331,010; Oct. 5.
- Waters, Lawrence W. (See Ballou, B., and Waters.)
- Waters, Lawrence W., Ontario, Calif. Container filling machine. 2,325,816; Aug. 3.
- Waters, Rex H., Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Rubber press pad. 2,313,689; Mar. 9.
- Wathen, Ben, assignor to Food Machinery Corporation, San Jose, Calif. Shaker conveyor. 2,320,985; June 8.
- Watkins, Bruce O., Tucson, Ariz. Current differentiated timing mechanism for the purpose of tripping circuit breakers or switches. 2,319,279; May 18.
- Watkins, Charles W. (See Loose, K. D., and Watkins.)
- Watkins, Edward H. (See Robson, J. T., Watkins, and Zimmerman.)
- Watkins, Franklin M. (See Finley, W. L., Kleinholz, and Watkins.)
- Watkins, George B. (See Ryan, J. D., and Watkins.)
- Watkins, Joseph W., San Antonio, Tex. Commercial pie plate. 2,309,557; Jan. 26.
- Watling, Landis C., Webster Groves, Mo. Ironing table. 2,308,035; Jan. 12.
- Watral, Henry J., Queens Village, and J. Helenek, Elmhurst, N. Y. Towel rack. 2,315,566; Apr. 6.
- Watrous, Ward W., Jr., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Full wave rectifier. 2,321,959; June 15.
- Watrous, Ward W., Jr., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Contact member and electrical device. 2,325,817; Aug. 3.
- Watson, Athelstan T., Cabimas, Estado Zulia, Venezuela. Gas lift oil well pump intermitter. 2,314,113; Mar. 16.
- Watson, Charles C., assignor to Universal Oil Products Company, Chicago, Ill. Pressure regulation. 2,333,905; Nov. 9.
- Watson, Claude E. (See Cook, O. O., and Watson.)
- Watson, Claude W., Tuckahoe, assignor, by mesne assignments to The Texas Company, New York, N. Y. Isomerization. 2,314,297; Mar. 16.
- Watson, Claude W., Tuckahoe, assignor, by mesne assignments, to The Texas Company, New York, N. Y. Conversion of hydrocarbons. 2,326,186; Aug. 10.
- Watson, Earl C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Speed control for direct current motors. 2,323,741; July 6.
- Watson, Edward F., Larchmont, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,327,478; Aug. 24.
- Watson, Ernest A., assignor to Joseph Lucas Limited, Birmingham, England. Contact breaker for ignition apparatus. 2,330,320; Sept. 28.
- Watson, George, Caterham, England. Apparatus for laying out drains. 2,336,658; Dec. 14.
- Watson, Harold F., et al., trustees. (See Galanot, C. P., and Watson, assignors.)
- Watson, James A., Jr. (See Galanot, C. P., and Watson.)
- Watson, James A., Jr. (See Galanot, C. P., and Watson, Jr.)
- Watson, James O., assignor of one-fourth to C. C. Pickens, Cooper, Tex. Stalk cutter. 2,322,076; June 15.
- Watson, John P., Westminster, London, assignor to Vickers-Armstrong Limited, London, England. Apparatus for use in fire control of antiaircraft guns. 2,333,605; Nov. 2.
- Watson, John W., Wayne, Pa., and K. W. Hildenbrand, Monroe, Mich., assignors to John Warren Watson Company, Philadelphia, Pa. Spacing device for frictionally opposed bodies. 2,319,172; May 11.
- Watson, John W., et al. (See Watson, J. W., and Hildenbrand, assignors.)
- Watson, Joseph C., Washington, D. C. Telephone instrument. 2,320,838; June 1.

- Watson, Kenneth M., assignor to Universal Oil Products Company, Chicago, Ill. Cracking process. 2,308,557; Jan. 19.
- Watson, Kenneth M., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,311,273; Feb. 16.
- Watson, Kenneth M., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,315,141; Mar. 30.
- Watson, Kenneth M., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon conversion. 2,322,981; June 29.
- Watson Manufacturing Company. (See Fessler, Henry C., assignor.)
- Watson, Oliver H., Delavan, Ill. Apparatus for locating the plane of gravity of objects. 2,336,142; Dec. 7.
- Watson, Oliver H., Delavan, Ill. Apparatus for locating the plane of gravity of objects. 2,336,142; Dec. 7.
- Watson-Stillman Co., The. (See Dinal, Richard W., assignor.)
- Watson, Sydney C., Chicago, Ill. assignor to Tor Val Associates. Variable speed transmission. 2,329,733; Sept. 21.
- Watson, Sydney C., Chicago, Ill. assignor to Tor Val Associates. Variable speed transmission. 2,329,733; Sept. 21.
- Watson, Thomas J., assignor to International Business Machines Corporation, New York, N. Y. Display device for typewriters. 2,310,482; Feb. 9.
- Watson, Thomas J., assignor to International Business Machines Corporation, New York, N. Y. Job cost recorder. 2,312,157; Feb. 23.
- Watson, Thomas J., assignor to International Business Machines Corporation, New York, N. Y. Display device for typewriters. 2,312,138; Feb. 23.
- Watson, Thomas J., New Canaan, Conn. assignor to International Business Machines Corporation, New York, N. Y. Sorting machine of the manual control type. 2,314,258; Mar. 16.
- Watson, Thomas J., New Canaan, Conn. assignor to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,335,981; Dec. 7.
- Watson, Thomas S., assignor of one-half to Huebsch Manufacturing Company, Milwaukee, Wis. Clothes drier. 2,336,428; Dec. 7.
- Watson, William F., Bradenton, Fla. Reel for fishing line. 2,317,835; Apr. 27.
- Watson, William M. (See Russell, A. L., and Watson.)
- Watson, William O. (See Berlin, D. E., and Watson.)
- Watson, William U., Chicago, Ill. Tool. 2,326,709; Aug. 10.
- Watson, William U., Chicago, Ill. Electrical transcribing machine. 2,334,365; Nov. 16.
- Watson-Williams Manufacturing Company. (See Johnson, John E., assignor.)
- Watt, Burton L., Marquette, Mich., and C. F. Osgood, Jr., Hobeus, N. J., assignors to General Strapping Corporation, New York, N. Y. Band tightening and sealing tool. 2,324,609; July 20.
- Watt, George W., Austin, Tex., assignor to Wingfoot Corporation, Wilmington, Del. Amine salt of a thiodiazole. 2,331,749; Oct. 12.
- Watt, Joseph W., Oakland, Calif., assignor to Owens-Illinois Pacific Coast Company, Glassware forming machine. 2,310,721; Feb. 9.
- Watter, Michael. (See Hardman, G. W., and Watter.)
- Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Seat harness. 2,312,946; Mar. 2.
- Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Aircraft structure. 2,313,411; Mar. 9.
- Watter, Michael, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Liquid receptacle. 2,331,097; Oct. 5.
- Watson, James A., Jr. (See Galanot, Camille P., assignor.)
- Watts, Arthur P. (See Fessler, A. H., and Watts.)
- Watts, Felix J., Detroit, Mich., assignor to The Standard Products Company, Port Clinton, Ohio. Contouring machine. 2,321,637; June 15.
- Watts, Raymond W., Cape Girardeau, Mo., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,327,146; Aug. 17.
- Watts, Rhea N. (See Connolly, G. C., and Watts.)
- Watts, Rhea, Baton Rouge, La., assignor to Standard Catalytic Company, Hydrogenating catalyst. 2,330,098; Sept. 21.
- Watts, Vilas E., and P. E. McCoy, assignors to American Bituminous Company, San Francisco, Calif. Bituminous emulsion and preparing same. 2,332,642; Oct. 26.
- Watzel, Rudolf. (See Voltz, A., and Watzel.)
- Waugh Equipment Company. (See Berman, Samuel, assignor.)
- Waugh, Paul E., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Delayed closing automatic water discharge valve. 2,325,925; Aug. 3.
- Waugh, Paul E., assignor to Tokheim Oil Tank and Pump Company, Fort Wayne, Ind. Liquid dispensing device. 2,327,475; Aug. 24.
- Waukesha Motor Company. (See Carson, T. L., and Brown, assignors.)
- Waukesha Motor Company. (See Melcher, Lee W., assignor.)
- Wausau Motor Parts Co. (See Landon, William C., assignor.)
- Wauwatsche, Jean, Brussels, Belgium; vested in the Alien Property Custodian. Vented projectiles. 2,315,145; Mar. 30.
- Wauwatsche, Jean, Brussels, Belgium; vested in the Alien Property Custodian. Ordnance. 2,325,560; July 27.
- Way, Donald D., Westfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lighting device for portable electric tools. 2,310,466; Feb. 2.
- Way, Donald D., Westfield, J. M. Naul, Fairwood, and C. R. Schenk, Jersey City, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,318,442; May 4.
- Way, Elwood J., Washington, D. C. Receptacle for cards and providing a compartment for the personal use of cards. 2,311,718; Feb. 23.
- Waycott, Clark H., Sr., Sacramento, Calif. Storage rack. 2,326,710; Aug. 10.
- Wayland, Edwin M., Covesville, Va. Preparing wet pencils and the like for defuzzing. 2,323,171; June 29.
- Wayland, Edwin M., Covesville, and J. R. Drummond, assignors to Glancy S. Ralston and J. Raymond Drummond, Oakley, Va. Fruit and vegetable sizing machine. 2,333,164; Nov. 23.
- Wayne Pump Company, The. (See Jauch, R. J., and Arnold, assignors.)
- Wayne, Truman B., Houston, Tex. Nitrogenous hydrophilic ester of a water-soluble polybasic acid. 2,307,813; Jan. 12.
- Wayne, Truman B., Houston, Tex. Emulsion breaking compound. 2,318,034; May 4.
- Wayne, Truman B., Houston, Tex. Process and reagent for resolving emulsions. 2,318,035; May 4.
- Wayne, Truman B., Houston, Tex. Process and reagent for resolving emulsions. 2,321,056; June 8.
- Wayne, Truman B., Houston, Tex. Treatment of mud-laden drilling fluids. 2,331,279; Oct. 12.
- Wayne, Truman B., Houston, Tex. Treatment of mud-laden drilling fluids. 2,331,280; Oct. 12.
- Wayne, Truman B., Houston, Tex. Treatment of mud-laden drilling fluids. 2,331,281; Oct. 12.
- Wayne, Truman B., Houston, Tex. Treatment of drilling fluids. 2,331,282; Oct. 12.
- Wayne, Truman B., Houston, Tex. Treatment of mud-laden drilling fluids. 2,333,133; Nov. 2.
- Wayne, Truman B., Houston, Tex. Treatment of drilling fluids. 2,334,051; Nov. 9.
- Wayne, Truman B., Houston, Tex. Reagent for resolving emulsions. 2,335,554; Nov. 30.
- Wayne, Truman B., Houston, Tex. Treatment of mud-laden drilling fluids. 2,331,280; Oct. 12.
- Weagant, Roy A., Douglaston, N. Y., assignor to Radio Corporation of America. Stabilized regenerative circuits. 2,312,139; Feb. 23.
- Weagant, Roy A., Douglaston, N. Y., assignor to Radio Corporation of America. Selective tuned circuits. 2,316,909; Apr. 20.
- Wean Engineering Company. (See Jones, Walter D., assignor.)
- Wearn, James S., Saint Albans, Christchurch, New Zealand. Drive control mechanism. 2,321,060; June 15.
- Wearn, Stanley J., Los Angeles, Calif. Screenshot support. 2,319,526; May 18.
- Weatherby, Benjamin B., Tulsa, Okla., and W. T. Born, Bloomfield, N. J., assignors to Geophysical Research Corporation, New York, N. Y. Seismic surveying. 2,332,341; Jan. 8.
- Weatherby, Eugene J., Bartlesville, Okla., assignor to Phillips Petroleum Company, Well pumping apparatus. 2,311,893; Feb. 23.
- Weatherby, Kenneth C. (See Fulenwider, H., and Weatherby.)
- Weatherford, Heiskell, Jr., et al. (See Williams, Lisle C., assignor.)
- Weatherhead, Albert J., Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Brake cylinder assembly and making same. 2,312,224; Feb. 23.
- Weatherhead, Albert J., Jr., Shaker Heights, assignor to The Weatherhead Company, Cleveland, Ohio. Hose coupling. 2,333,350; Nov. 2.
- Weatherhead, Albert J., Jr., Shaker Heights, and H. D. Stecher, Lakewood, assignors to The Weatherhead Company, Cleveland, Ohio. Making hose couplings. 2,333,349; Nov. 2.
- Weatherhead Company, The. (See Baldwin, John D., Jr., assignor.)
- Weatherhead Company, The. (See Holman, Clarence T., assignor.)
- Weatherhead Company, The. (See Hunziker, Fred, assignor.)
- Weatherhead Company, The. (See Paquin, J. N., and Baldwin, assignors.)
- Weatherhead Company, The. (See Stecher, Henry D., assignor.)
- Weatherhead Company, The. (See Stecher, H. D., and Paquin, assignors.)
- Weatherhead Company, The. (See Weatherhead, Albert J., Jr., assignor.)
- Weatherhead Company, The. (See Weatherhead, A. J., Jr., and Stecher, assignors.)
- Weatherly, William G., Wenatchee, Wash. Voltage regulator for electric generators. 2,309,558; Jan. 26.

- Weathers, Paul, Audubon, N. J., assignor to Radio Corporation of America. Bottle inspection apparatus. 2,323,636; July 6.
- Weaver, Ashley L., Maplewood, Mo. Chemical carrier for water treatment. 2,329,429; Sept. 14.
- Weaver, Calvin, Mechanicsburg, Ohio. Tractor driven corn shucker. 2,330,649; Sept. 28.
- Weaver, George B., assignor to Indian Motorcycle Company, Springfield, Mass. Shaft drive for motorcycles. 2,316,477; Apr. 13.
- Weaver, Glenn W. (See Barney, D. R., and Weaver.)
- Weaver, Ira A., and C. H. Phelps, assignors to Weaver Manufacturing Company, Springfield, Ill. Vibration amplitude and center of oscillation indicator. 2,328,114; Aug. 31.
- Weaver, James W., Canton, assignor to The Hoover Company, North Canton, Ohio. Filter bag support for suction cleaners. 2,317,569; Apr. 27.
- Weaver, John R., Camp Hill, Pa. Heater. 2,333,606; Nov. 2.
- Weaver, Leo L., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Safety apparatus. 2,317,836; Apr. 27.
- Weaver Manufacturing Company. (See Phelps, Clyde H., assignor.)
- Weaver Manufacturing Company. (See Ross, William A., assignor.)
- Weaver Manufacturing Company. (See Weaver, I. A., and Phelps, assignors.)
- Weaver, Ralph E., Lewistown, Pa., assignor to American Viscose Corporation, Wilmington, Del. Spinning box. 2,329,499; Sept. 14.
- Weaver, Walter W., South Gate, assignor to Aircraft Tools Inc., Los Angeles, Calif. River set. 2,312,457; Mar. 2.
- Web Appliance Company, The. (See Luce, John S., assignor.)
- Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Gun mount. 2,318,348; May 4.
- Webb, George, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Trigger safety for automatic firearms. 2,322,490; June 22.
- Webb, Charles E., New London, Wis., assignor to Edison Wood Products, Incorporated, West Orange, N. J. Crib. 2,328,316; Aug. 31.
- Webb, Christopher E., and N. E. Brewerton, Uxbridge, assignors to Bell Punch Company Limited, London, England. Indicator for synchronous electrical control systems. 2,318,727; May 11.
- Webb, Edmond F., Franklin Village, assignor to Chrysler Corporation, Highland Park, Mich. Resistance socket for signal lamps. 2,317,157; Apr. 20.
- Webb, Edwin Y., Jr., Atlanta, Ga., assignor of one-fourth Company, Inc., New York, N. Y. Frame for dialyzing. 2,317,157; Apr. 20.
- Webb, George A. (See Kutz, W. M., and Webb.)
- Webb, John K. (See Scott, T. S., and Webb.)
- Webb, Venard C., and A. P. Sparks, Denver, Colo. Slat cleaner. 2,313,606; Mar. 9.
- Webb, Walter H., New Gloucester, Maine. Hand bean picker. 2,324,446; July 13.
- Webber, Charles S., and J. H. Luce, Springfield, and F. M. Murdoch, Chicopee Falls, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Manufacture of cast phenolic resins. 2,321,783; June 15.
- Webber, George D., Cleveland, Ohio. Machine for surfacing metal. 2,321,441; June 8.
- Webber, Ralph C., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Candle ornamenting method. 2,315,751; Apr. 6.
- Webber, Thomas G., Jr. (See Robinson, E. A., and Webber.)
- Webel, Adam. (See Peremi, E., and Webel.)
- Weber Bros. Metal Works. (See White, H. K., and Stephen, assignors.)
- Weber, Charles F. (See Weber, John, Jr., C. F., L. H., W. F., F. H., E. W., and L. G., and Goetzman.)
- Weber Dental Manufacturing Company, The. (See Crowley, John C., assignor.)
- Weber, Don A., assignor to The Delster Concentrator Company, Fort Wayne, Ind. Screening apparatus. 2,309,486; Jan. 26.
- Weber, Edward H., assignor to The Miller Company, Meriden, Conn. Lighting fixture. 2,327,230; Aug. 17.
- Weber, Edward W. (See Weber, John, Jr., C. F., L. H., W. F., F. H., E. W., and L. G., and Goetzman.)
- Weber, Emil R., Allison Park, assignor to Jas. H. Matthews & Company, Pittsburgh, Pa. Locking spring for die holder. 2,336,325; Dec. 7.
- Weber, Ernst, assignor to Landis & Gyr, A.-G., Zug, Switzerland. Electricity meter. 2,316,920; Apr. 20.
- Weber, Frank H. (See Weber, John, Jr., C. F., L. H., W. F., F. H., E. W., and L. G., and Goetzman.)
- Weber, George H., Scarsdale, assignor to Brosties Machine to H. L. Davis, Washington, D. C. Secret signaling system. 2,315,567; Apr. 6.
- Weber, Guillaume, Mondorf-les-Bains, Luxembourg; vested in The Alien Property Custodian. Explosive load for mines. 2,313,210; Mar. 9.
- Weber, Hermann, and G. Petersen, Zschopau, Germany; vested in The Alien Property Custodian. Spring suspension for vehicle wheels. 2,325,561; July 27.
- Weber, Isaac E., Luton, and W. S. Wood, Harpenden, England. Manufacture of barium carbonate. 2,315,472; Mar. 30.
- Weber, Jacob N., Seattle, Wash. Folding table. 2,311,798; Feb. 23.
- Weber, John, Jr., C. F., L. H., W. F., F. H., E. W., and L. G., and C. A. Goetzman, Muscatine, Iowa. Self-shank button drilling machine. 2,313,981; Mar. 16.
- Weber, John R. (See Sease, V. B., and Weber.)
- Weber, Karl H., Toledo, Ohio. Taping bodies. 2,324,745; July 20.
- Weber, Leonard G. (See Weber, John, Jr., C. F., L. H., W. F., F. H., E. W., and L. G., and Goetzman.)
- Weber, Louis H. (See Weber, John, Jr., C. F., L. H., W. F., F. H., E. W., and L. G., and Goetzman.)
- Weber, Louis J. (See Riney, A. H., and Weber.)
- Weber, Lydia A. (See Weber, Tobias, assignor.)
- Weber, Mathias J., and R. E. Vanderhoff, assignors to Continental Scale Corporation, Chicago, Ill. Weighing scale. 2,310,560; Feb. 9.
- Weber, Mathias J., Chicago, and R. E. Vanderhoff, Oak Lawn, assignors to Continental Scale Corporation, Chicago, Ill. Weighing scale. 2,331,642; Oct. 12.
- Weber, Peter, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for vehicles driven by single-phase current. 2,320,959; June 1.
- Weber, Tobias, assignor to A. Weber, Los Angeles, Calif. Tank trailer. 2,334,522; Nov. 16.
- Weber, Victor, Greensburg, Pa., assignor to Robertshaw Thermostat Company, Youngwood, Pa. Electrical ignition system for gaseous fuel burners. 2,316,910; Apr. 20.
- Weber, Walter F. (See Weber, John, Jr., C. F., L. H., W. F., F. H., E. W., and L. G., and Goetzman.)
- Weber, William J., Chicago, Ill. Cushioning tool holder. 2,327,685; Aug. 24.
- Webster, Clyde W., Silvis, Ill. Height gauge arm attachment for universal dial indicators. 2,327,948; Aug. 24.
- Webster, De Witt, Milton, Fla. Wrecking truck. 2,307,811; Jan. 5.
- Webster Electric Company. (See Campbell, Richard H., assignor.)
- Webster Electric Company. (See Daily, Roy, assignor.)
- Webster Electric Company. (See McAlvay, John C., assignor.)
- Webster Electric Company. (See Reeve, Norman H., assignor.)
- Webster, Fullerton D., Mountain Lakes, assignor to Federal Telephone and Radio Corporation, Newark, N. J. Condenser and circuit therefor. 2,334,660; Nov. 16.
- Webster, Hugh B., Oakland, assignor to Standard Oil Company of California, San Francisco, Calif. Apparatus for measuring charts. 2,328,762; Sept. 7.
- Webster, Lewis G., Dayton, Ohio. Handle clamp. 2,337,580; Dec. 8.
- Webster, Philip S., Muskegon, Mich. Internal combustion engine piston. 2,323,742; July 6.
- Webster, Richard C. (See Parth, Walter A., assignor.) apparatus. 2,312,015; Feb. 23.
- Webster, Richard R., Beaver, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Controlling the strain-sensitivity of bessemer steel. 2,323,695; July 6.
- Webster, Ronald, Evanston, assignor to The Hydro-Blast Corporation, Chicago, Ill. Method and means for treating ferrous objects. 2,317,837; Apr. 27.
- Webster, Samuel W., Houston, Tex., assignor to Emco Derrick & Equipment Company, Los Angeles, Calif. Water cooled cathode. 2,320,901; June 1.
- Webster, Sidney H., Bogota, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Engine starting mechanism. 2,322,608; June 22.
- Wechsler, Henry, Arverne, Long Island, N. Y. Decorating device. 2,320,496; June 1.
- Weckel, Arthur R. (See Norden, E., and Weckel.)
- Weckerly, Mark A. (See Mashbir, S. F., and Weckerly.)
- Weckerly, Mark A., Toledo, Ohio, assignor to Toledo Scale Company. Material flow controller. 2,336,326; Dec. 7.
- Weckesser, Charles L., assignor to C. E. Jamieson & Company, Detroit, Mich. Method and apparatus for encapsulating liquids. 2,323,581; July 6.
- Weckesser, Charles L., assignor to C. E. Jamieson & Co., Detroit, Mich. Method and apparatus for encapsulating liquids. 2,323,582; July 6.
- Wedberg, Frank A., Kenmore, and F. Lakowitz, Tonawanda, N. Y., assignors to Curtis-Wright Corporation. Retractable landing gear. 2,336,823; Dec. 14.
- Wedderburn, Frank A., Vienna, Va. Polishing cloth. 2,323,263; June 29.
- Weddle, John P., and J. W. Meyers, Weleatka, Okla. Nodulo and resin saws. 2,320,539; June 1.
- Wedge, Fred D., Oak Park, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,325,155; July 27.
- Wedgeplug Valve Company. (See Reed, Isaac N., assignor.)
- Wedin, Harold A., Los Angeles, Calif., assignor to National Machine Products Company, Chicago, Ill. Device for and method of making filled frozen confections. 2,334,052; Nov. 9.
- Weber, Karl W., Minneapolis, Minn. Greenhouse eave bracket. 2,333,219; Nov. 2.

- Weed, James M., Schenectady, N. Y., assignor to General Electric Company. Voltage regulator. 2,315,913; Apr. 6.
- Weed, Joseph P., Hawthorne, Calif. Welding rod holder. 2,325,926; Aug. 3.
- Weeden, George W., Cranston, R. I. Humidifier. 2,335,716; Nov. 30.
- Weldon, Charles B., Detroit, Mich. Window construction. 2,324,147; July 13.
- Wells, Max F., Mill Valley, assignor to Mills Bros. Coffee Inc., San Francisco, Calif. Can-arranging device. 2,329,312; Sept. 14.
- Wells, Walter R., Hamden, Conn., assignor to General Electric Company. Strainer for coffee makers. 2,325,152; July 27.
- Wells, Walter R., Hamden, Conn., assignor to General Electric Company. Appliance construction. 2,326,589; Aug. 10.
- Wenms, Albert W., Meridian, Miss. Mechanical cotton picker. 2,323,965; Nov. 9.
- Wefeler, Herbert H. (See Brown, K. R., Cooley, Wefeler.)
- Wegener, Gustav, Berlin, Germany; vested in the Alien Property Custodian. Synchronizing arrangement. 2,322,985; June 29.
- Wegler, Richard. (See Nadler, F., Wegler and Bayer.)
- Wehr, Clifford W., Chicago, Ill. Powdered soap dispenser. 2,314,959; Mar. 30.
- Wehmann, George C., Jr., New Richmond, Ohio. Transportation ticket or other paper. 2,320,687; June 1.
- Wehmer, Edward O., St. Louis, Mo. Baffle assembly for air circulators. 2,331,063; Oct. 5.
- Wehr, Rudolph, Baptistown, N. J. Rotary valve. 2,328,115; Aug. 31.
- Wehr Steel Company. (See Huff, Ernest, assignor.)
- Wehringer, Herman H., Montclair, N. J. Hose coupling. 2,319,021; May 11.
- Wehringer, Herman H., Montclair, N. J. Workbench for power tools. 2,319,025; May 11.
- Wehrli, Gottlieb, New York, N. Y. Method and product for producing a cleansing and preserving coating on fruits and vegetables. 2,321,148; July 13.
- Welche, Georg, Berlin-Reinickendorf, Germany; vested in the Alien Property Custodian. Charge former. 2,330,650; Sept. 28.
- Welche, Walter, Berlin, Germany, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Antenna transformer. 2,318,271; May 4.
- Welchert, Kurt. (See Beeg, Hermann, and Welchert.)
- Welchert, Kurt. (See Havemann, H., and Welchert.)
- Welchman, Charles H., Sr., Manheim, Pa. Tobacco lath puller. 2,337,216; Dec. 21.
- Weldner, Robert, and J. D. Yaro, New York, N. Y. Fan blades for flywheels of sewing machines. 2,315,235; Mar. 30.
- Weligand, Francis J. (See Pierce, E. F., and Welgand.)
- Weigel, E. O., & Sons. (See Weigel, Norman E., assignor.)
- Weigel, Frederic A. (See Peterson, J., and Weigel.)
- Weigel, Norman E., Short Hills, N. J. Pen point material. 2,316,478; Apr. 13.
- Weigel, Norman E., Short Hills, N. J. Fountain pen. 2,316,479; Apr. 13.
- Weigel, Norman E., Short Hills, N. J. Fountain pen. 2,335,223; Nov. 23.
- Weigel, Norman E., Short Hills, assignor to E. O. Weigel & Sons, Newark, N. J. Fountain pen. 2,328,116; Aug. 31.
- Weigelt, Walter L., Cliffside Park, N. J., assignor to Airmatic Systems, Inc., New York, N. Y. Ticket tube terminal. 2,311,795; Feb. 23.
- Weightman, William A., assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Welding apparatus. 2,313,789; Mar. 16.
- Weightman, William A., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Press welding machine. 2,319,095; May 11.
- Weightman, William A., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Welding apparatus. 2,323,361; July 6.
- Weightman, William A., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Welding apparatus. 2,323,696; July 6.
- Weightman, William A., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Welding apparatus. 2,325,291; July 27.
- Weightman, William A., assignor to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Welding apparatus. 2,326,590; Aug. 10.
- Weightman, William A., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Assembly jig. 2,328,040; Aug. 31.
- Weightman, William A., and W. Hurlman, Philadelphia, Pa., assignors, by mesne assignments, to Sealdsweet Sales Association, Tampa, Fla. Fruit juice machine. 2,317,006; Apr. 20.
- Weigle, William C., Philadelphia, and J. W. Kemmler, Elkins Park, Pa., assignor to Sloane-Elabon, Trenton, N. J. Producing linoleum products. 2,318,272; May 4.
- Weigelt, Alphonse D., Cleveland, Ohio. Automatic gas shutoff. 2,329,569; Sept. 14.
- Weike, Adolf, Bad Soden in Taunus, and F. Herlein, Frankfurt-on-the-Main-Hochst, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Preparing acetals of polyvinyl alcohol. 2,316,321; Apr. 20.
- Weikart, Paul. (See Folke, H., and Weikart.)
- Well, Alex. (See Robinot, D. H., and Well.)
- Well, Alex., Jamaica, N. Y. Roach run. 2,328,590; Sept. 7.
- Well, Alex., New York, N. Y. Roach run. 2,328,591; Sept. 7.
- Well, Fritz, Berlin-Oberschöneweide, Germany, assignor to General Electric Company. Electric circuit interrupting device. 2,316,036; Apr. 8.
- Well, Maurice A., Providence, assignor to Rhode Island Laboratories, Inc., West Warwick, R. I. Writing device. 2,317,159; Apr. 20.
- Welland, Alfred, assignor to General Machinery Ordnance Corporation, South Charleston, W. Va. Honing mechanism. 2,326,711; Aug. 10.
- Welland, Jack N., assignor to Universal Oil Products Company, Chicago, Ill. Regeneration of contact materials. 2,330,462; Sept. 28.
- Well, McVillie K., and E. Mautner, assignors to Skydynamics Inc., New York, N. Y. Structural element. 2,329,366; Sept. 14.
- Wellner, Herbert A., Los Angeles, Calif., assignor to Weiler Processes, Inc. Silk screen printing. 2,314,913; Mar. 30.
- Wellner Processes, Inc. (See Wellner, Herbert A., assignor.)
- Well-Kalter Manufacturing Company. (See Novy, Loretta, assignor.)
- Welmer, Mabel, administratrix. (See Welmer, Raymond S.)
- Welmer, Raymond S., Morris, Ill.; M. Welmer, administratrix. Excavating apparatus. 2,334,460; Nov. 16.
- Welmer, Russell M., assignor to Provident Trust Company, Pittsburgh, Pa. Pipe bending machine. 2,334,661; Nov. 16.
- Wilmington, Joseph, Bogota, N. J., assignor to A. Kimball Company, New York, N. Y. Marking machine. 2,336,709; Dec. 14.
- Wm. John, F., Indianapolis, Ind., assignor to Radio Corporation of America. Cam follower. 2,311,423; Feb. 16.
- Weinanz, Fred, Sheboygan, Wis. Ski attachment. 2,322,497; June 22.
- Weinberg, George, Brooklyn, N. Y. Apparatus for making contact lenses. 2,337,501; Dec. 28.
- Weinberg, Joseph. (See Baruch, S. N., and Weinberg.)
- Weinberg, Maurice J., New York, N. Y. Butier-chip maker. 2,312,511; Mar. 2.
- Weinberg, Max, Brooklyn, N. Y., assignor to Harrison Mills, Inc., East Newark, N. J. Knitting machine. 2,320,989; June 8.
- Weinberg, Samuel, Elmhurst, N. Y. Removable umbrella cover. 2,317,160; Apr. 20.
- Weinberger, Joseph M. (See Fleisher, H., and Weinberger.)
- Weindel, Fred, Jr., assignor to L. F. Grammes & Sons, Inc., Allentown, Pa. Identification device for key rings or chains and the like. 2,312,504; Feb. 23.
- Weiner, Harry, assignor to F. G. Floss, doing business as Allied Industries, Chicago, Ill. Circuit breaking plug. 2,326,712; Aug. 10.
- Weiner, Louis I., New York, N. Y. Instrument for inserting pessaries. 2,332,283; Oct. 19.
- Weiner, Nathan, West Forest Hills, assignor to Bonneville Limited, New York, N. Y. Flotation process. 2,329,149; Sept. 7.
- Weinert, Malford E. (See Havel, Victor, assignor.)
- Weingartner, Gerald A., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Airfoil construction. 2,329,962; Sept. 21.
- Weinger, Irving. (See Widder, S., and Weinger.)
- Weinger, Irving, assignor to J. Widder & Co., New York, N. Y. Photograph album. 2,310,722; Feb. 9.
- Weinger, Irving, assignor to J. Widder & Co., New York, N. Y. Display album. 2,327,324; Aug. 17.
- Weinhagen, Carl, Jr. (See O'Neil, J. G., and Zesbaugh, assignors.)
- Weinheimer, Carl M., Kenmore, N. Y. Life preserver. 2,326,987; Aug. 17.
- Weinig, Robert. (See Heimsoeth, W., and Weinig.)
- Weinmayr, Viktor, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Diamino diphenyl methanes. 2,335,137; Nov. 23.
- Weinreich, Charles F., Des Plaines, Ill., and A. L. Vogenthaler, Cedar Rapids, Iowa, assignors to Cherry-Burrell Corporation, Wilmington, Del. Apparatus for freezing ice cream. 2,309,424; Jan. 26.
- Weinrich, William W., Oakmont, and E. J. Loew, Lansdowne, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Production of alkylated phenols. 2,310,663; Feb. 9.
- Weinrich, William W., Oakmont, and J. M. Yost, Sewickley, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Catalytic isomerization of paraffinic hydrocarbons. 2,324,746; July 20.
- Weinstat, Philip, Allston, Mass. Shoe. 2,317,870; Apr. 27.

- Weinstein, David H., Houston, Tex., and L. H. Metzner, Long Beach, assignors to Cooperative Development Co., Los Angeles, Calif. Device for determining inclination of well bores. 2,309,877; Feb. 2.
- Weinstein, Louis A., Brooklyn, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Joint for doll bodies. 2,316,732; Apr. 13.
- Weinstein, Morton, Brooklyn, N. Y. Mop holder. 2,333,607; Nov. 2.
- Weintendorf, Karl. (See Ritter, F., Rodis, and Weintendorf.)
- Weintraub, Murray. (See Pape, L., and Weintraub.)
- Weir, Francis M., Brooklyn, N. Y., assignor, by mesne assignments, to Marine-Air Research Corporation, Annapolis, Md. Forming laminated sheet bodies. 2,335,624; Nov. 30.
- Weirauch, Bruno, Brunswick, Germany; vested in the Alien Property Custodian. Machine for cutting beans and other elongated vegetables. 2,307,721; Jan. 5.
- Weis, Adolf, Berlin-Charlottenburg, Germany; vested in the Alien Property Custodian. Means adapted to vary the coupling of inductances, especially for radio frequency apparatus. 2,322,879; Oct. 26.
- Weis, Albert, Nyack, assignor to Wilcox & Gibbs Sewing Machine Company, New York, N. Y. Feeding mechanism. 2,325,643; Aug. 3.
- Weis, Albert H., Nyack, assignor to Wilcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing machine. 2,325,644; Aug. 3.
- Weis, John A. (See Burleigh, J. K., and Weis.)
- Weisbecker, Frank G., Glenside, assignor to Hosiery Patents Incorporated, Lansdale, Pa. Knitting machine. 2,308,730; Jan. 19.
- Weisbecker, Frank G., Glenside, assignor to Hosiery Patents Incorporated, Lansdale, Pa. Knitting machine. 2,317,318; Apr. 20.
- Weisberg, Mark, Providence, and L. Corman, Rumford, assignors to Alroese Chemical Company, Cranston, R. I. Textile wetting and softening bath. 2,334,852; Nov. 23.
- Weisberger, Irving, assignor to Durma-Gard, Inc., New York, N. Y. Arm protector or the like. 2,326,422; Aug. 10.
- Weisenberg, Morris, Los Angeles, Calif. Container. 2,329,367; Sept. 14.
- Weiser, George L. (See Nichols, C. A., and Weiser.)
- Weisgerber, Edwin C., Los Angeles, Calif. Filter. 2,315,681; Apr. 6.
- Weisglass, Irving, New York, assignor to United States Cabinet Bed Co., Brooklyn, N. Y. Mattress. 2,332,957; Oct. 26.
- Weisglass, Louis L., New York, N. Y., assignor to Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa. Stabilizer system. 2,319,378; May 18.
- Weisglass, Louis L., New York, N. Y., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Metering circuit for X-ray apparatus. 2,322,404; June 22.
- Welskopf, Edwin C., New York, N. Y. Automatic immersion apparatus. 2,324,122; July 13.
- Weisner, Ralph H. (See Dalton, T. B., and Weisner.)
- Weiss, Adolph, Brooklyn, assignor, by mesne assignments, to Interchemical Corporation, New York, N. Y. Printing. 2,321,057; June 8.
- Weiss, Adolph, Brooklyn, assignor, by mesne assignments, to Interchemical Corporation, New York, N. Y. Printing machinery. 2,321,342; June 8.
- Weiss, Adolph, Brooklyn, assignor, by mesne assignments, to Interchemical Corporation, New York, N. Y. Web and air conditioning means. 2,333,220; Nov. 2.
- Weiss, Albert A., Jr. (See Edwards, LeR. V., Tarring, and Weiss, J.)
- Weiss, Albert J. (See Lewis, R. R., and Weiss.)
- Weiss, Charles R., and R. W. Parker, Indianapolis, Ind., assignors to Link-Belt Company. Belt conveyor idler. 2,312,610; Mar. 2.
- Weiss, Dewey S., Portland, Oreg. Coupling eye. 2,321,535; June 8.
- Weiss, Ernst. (See Lorenz, F., and Weiss.)
- Weiss, Erwin A., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,328,868; Sept. 7.
- Weiss, Felix, Plainfield, N. J., assignor to Cornell-Dubilier Electric Corporation. Condenser tab attaching apparatus. 2,333,966; Nov. 9.
- Weiss, Frank L., New York, N. Y. Ash tray and token holder combination. 2,319,173; May 11.
- Weiss, Gerhart, and L. Frank, New York, N. Y. Thread removing and disk cleaning mechanism. 2,322,986; June 29.
- Weiss, George C., Venice, Calif. Structural element. 2,312,293; Feb. 23.
- Weiss, Leo, Brooklyn, N. Y. Staple. 2,323,362; July 6.
- Weiss, Louis, St. Louis, Mo. Chilling means for draft beverages. 2,316,376; Apr. 13.
- Weiss, Louis, St. Louis, Mo. Construction of cooling units. 2,323,264; June 29.
- Weiss, Samuel, Portland, Oreg. Springless grease fitting. 2,313,377; Mar. 9.
- Weissberger, Arnold. (See Porter, H. D., and Weissberger.)
- Weissberger, Arnold. (See Salminen, I. F., Weissberger, and Glass.)
- Weissberger, Arnold. (See Snell, J. M., Vanselow, and Weissberger.)
- Weissberger, Arnold, assignor to Eastman Kodak Company, Rochester, N. Y. Fog inhibitor for photographic developers. 2,324,123; July 13.
- Weissberger, Arnold, and E. E. Jelley, assignors to Eastman Kodak Company, Rochester, N. Y. Preventing color stain in photographic emulsions. 2,336,327; Dec. 7.
- Weissblatt, Joseph. (See Rosenberg, M., and Weissblatt.)
- Weissert, Gerald E., assignor to Sewall Paint & Varnish Company, Kansas City, Mo. Drum rack. 2,324,747; July 24.
- Weissfog, Arthur R., Pittsburgh, Pa. Artist's palette case. 2,320,540; June 1.
- Weitkamp, Alfred W., Whiting, Ind., and A. G. Ohlad, assignors to Standard Oil Company, Chicago, Ill. Vapor and liquid contacting apparatus. 2,325,818; Aug. 3.
- Weitkamp, Alfred W., Whiting, Ind., and L. C. Brunstrum, assignors to Standard Oil Company, Chicago, Ill. Vapor and liquid contacting apparatus. 2,325,819; Aug. 3.
- Weitzel, Robert A. L., Strasbourg, France; vested in the Alien Property Custodian. Construction of walls. 2,312,994; Mar. 2.
- Weizmann, Charles. (See Jessup, Alfred C., assignor.)
- Weizmann, Charles, London, England. Alimentary preparations. 2,316,733; Apr. 13.
- Weizmann, Charles, London, England. Manufacture of aromatic products from light olefins. 2,329,672; Sept. 14.
- Wekeman, Stephen N., Saddle River Township, Bergen County, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Vacuum holder for sheet-like members. 2,317,348; Apr. 27.
- Welch, Alanson U., Jr., Pittsfield, Mass., assignor to General Electric Company. Gap filler. 2,312,140; Feb. 23.
- Welch, Arthur R., Hoquiam, Wash. Assembling plywood. 2,323,105; June 29.
- Welch, Charles A., Salisbury, Mass. Speed violation counter. 2,334,523; Nov. 16.
- Welch, Edward, Valley Falls, R. I. Raincoat. 2,321,116; June 8.
- Welch, Ernest L., et al. (See Thompson, Louis T. E., assignor.)
- Welch, Fred S., Pontiac, Mich. Upholstery pin. 2,334,662; Nov. 16.
- Welch, Henry. (See Spear, W. C., and Welch.)
- Welch, Kenneth C., Jr., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Furniture construction. 2,326,507; Aug. 10.
- Welch, Lee, Houston, Tex. Safety grip. 2,333,351; Nov. 2.
- Welch, Lewis W., Detroit, assignor to Novi Equipment Company, Novi, Mich. Heater structure. 2,319,379; May 18.
- Welch, Nicholas A., West Hartford, assignor to The American Hardware Corporation, New Britain, Conn. Lock. 2,318,908; May 11.
- Welch, Rodney R., Detroit, Mich. Drill. 2,324,748; July 20.
- Welch, Russel, assignor of one-half to J. H. Turner, Detroit, Mich. Tank mounting. 2,314,298; Mar. 16.
- Welch, W. M., Manufacturing Company. (See Dubrovin, John, assignor.)
- Welch, William E., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Golf ball. 2,318,547; May 4.
- Welch, William T., and W. R. Jackson, New Orleans, La. Temperature indicator. 2,331,750; Oct. 12.
- Welch, William W. (See Fukal, Alfred F., assignor.)
- Welchel, Coley E. (See Boyd, Joseph A., assignor.)
- Welden, Fay D., Tuckaboe, assignor to Valve Pilot Corporation, New York, N. Y. Driving mechanism for valve cutoff indicators. 2,309,684; Feb. 2.
- Welding Service, Inc. (See McKee, Chester W., assignor.)
- Welding Tools and Engineering Corporation. (See Smith, Richard P., assignor.)
- Welfeld, Henry S., San Mateo, and D. L. Sterling, San Francisco, Calif. Electric lamp support. 2,331,877; Oct. 19.
- Welker, Theodore A., assignor to Whitehead Bros. Rubber Company, Trenton, N. J. Reinforced duck and rubber hose. 2,330,651; Sept. 28.
- Welk, Nelson S., assignor to The McBee Company, Athens, Ohio. Automatic stop for counting machines. 2,318,132; May 4.
- Welk, Nelson S., assignor to The McBee Company, Athens, Ohio. Counting mechanism actuator. 2,320,021; May 25.
- Welker, J. Willard, Oakwood, Dayton, assignor to The National Cash Register Company, Dayton, Ohio. Control for record supporting means. 2,332,033; Oct. 19.
- Well Surveys, Incorporated. (See Davis, Robert F., assignor.)
- Well Surveys, Incorporated. (See Fearon, Robert E., assignor.)
- Well Surveys, Incorporated. (See Green, William G., assignor.)
- Well Surveys, Incorporated. (See Neufeld, Jacob, assignor.)

- Well Surveys, Incorporated. (See Olmstead, Edwin H., assignor.)
- Well Surveys, Incorporated. (See Russell, William L., assignor.)
- Well Surveys, Incorporated. (See Scherbatskoy, Serge A., assignor.)
- Well Surveys, Incorporated. (See Scherbatskoy, S. A., and Peason, assignors.)
- Well Tool Development Corporation. (See Couch, Lonnie E., assignor.)
- Well Tool Development Corporation. (See McDonald, J. S., and Ruaka, assignors.)
- Wellborn, Robert B., Pascagoula, Miss. Pipe plug structure. 2,329,801; Sept. 21.
- Wellman, Daniel J. (See Rosenbloom, Phillip, assignor.)
- Wellenstein, Robert, W. Holle, and M. Schumacher, Bremen, Germany; vested in the Allen Property Custodian. Device for regulating the sensitivity of signal receiving apparatus. 2,329,570; Sept. 14.
- Weller, Charles H., Hightstown, N. J. Supporting hood for inlet and manifold cover. 2,315,230; Mar. 30.
- Weller, Elvett J., Jr., Milwaukee, Wis. Vehicle. 2,311,424; Feb. 16.
- Weller, Harvey C., assignor to General Properties Company, Inc., Toledo, Ohio. Producing heat radiating flames. 2,308,902; Jan. 19.
- Weller, Irving F., Schenectady, N. Y., assignor to General Electric Company. Welding apparatus. 2,307,593; Jan. 5.
- Welles, George D. (See Dow, D. M., and Welles.)
- Wellesley Holdings Limited. (See Sherman, Alec E., assignor.)
- Welling, Charles H. (See Stafford, E., and Welling.)
- Wellman Bronze and Aluminum Company, The. (See Wellman, Holley G., assignor.)
- Wellman Company. (See Stuart, Charles J., assignor.)
- Wellman, Holley G., East Cleveland, assignor to The Wellman Bronze and Aluminum Company, Cleveland, Ohio. Anode. 2,324,342; July 13.
- Wellman, Homer B. (See Schultz, T. H., Levine and Wellman.)
- Wellman, Lester R., Chicago, Ill. Multiple lamp. 2,307,977; Jan. 12.
- Wellman, S. K., Company. (See Swartz, Carl E., assignor.)
- Wellnitz, Harry A., Columbus, Ohio. Light well lining. 2,308,131; Jan. 12.
- Wellnitz, Harry A., Columbus, Ohio. Concrete block forming machine. 2,308,132; Jan. 12.
- Wellnitz, Harry A., Columbus, Ohio. Block-mold pallet cleaning machine. 2,333,285; Nov. 2.
- Wellons, Charles M., Bellevue, Pa. Steering device for boats. 2,328,041; Aug. 31.
- Wellons, Charles M., Bellevue, Pa. Wicket. 2,335,327; Nov. 30.
- Wells, Adoniram J., Cambridge, assignor to B. B. Chemical Co., Boston, Mass. Conditioning apparatus. 2,334,232; Nov. 16.
- Wells, Albert S., assignor to Wells-Gardner & Co., Chicago, Ill. Tuning mechanism for radio receiving sets. 2,310,003; Feb. 2.
- Wells, C. G., et al. (See Walker, Jay P., assignor.)
- Wells, Carroll G., Washington, D. C. Glove. 2,315,888; Apr. 6.
- Wells, Carroll G., Washington, D. C. Mitten. 2,315,889; Apr. 6.
- Wells, Carroll G., Washington, D. C. Glove. 2,327,381; Aug. 24.
- Wells, Earle W. (See Leavitt, J. P. H., and Wells.)
- Wells, Earle W., Philadelphia, Pa., assignor to Container Corporation of America, Chicago, Ill. Container. 2,321,536; June 8.
- Wells-Gardner & Co. (See Wells, Albert S., assignor.)
- Wells-Gardner & Co., et al. (See Canon, H. B., and Swallow, assignors.)
- Wells, Ira M., assignor to The Spears-Well Machinery Co., Inc., Oakland, Calif. Reversible traction broom. 2,313,412; Mar. 9.
- Wells, Joseph H. (See Thatcher, F. M., Wells, and Wilson, Jr.)
- Wells Lamont Corporation. (See Brennell, Lawrence F., assignor.)
- Wells, Mangel S., Shinglehouse, Pa. Can crusher and baler. 2,316,734; Apr. 13.
- Wells, Marcus A., Worcester, Mass. Printing apparatus. 2,321,718; June 15.
- Wells, Martin, Los Angeles, Calif. Electrode holder. 2,322,077; June 15.
- Wells, Theodore A., and J. P. Gaty, assignors to Beech Aircraft Corporation, Wichita, Kans. Means to accelerate setting of glue. 2,320,022; May 25.
- Wells, Walter P. (See Margolin, Nathan G.)
- Wells, Wesley B., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Light signal. 2,333,967; Nov. 9.
- Wells, William J. (See Gies, W. F., and Wells.)
- Wells, William J., assignor to F. N. Burt Company, Inc., Buffalo, N. Y. Collapsible carry home container. 2,319,380; May 18.
- Wells, William L. (See Lance, E. T., and Wells.)
- Welmald Products. (See Callan, T. J., and Erickson, assignors.)
- Welp, Edward W., Chicago, Ill., assignor to Graver Tank & Mfg. Co., Inc., Cataqua, Pa. Water softening apparatus. 2,336,659; Dec. 14.
- Welp, Herman T., assignor, by mesne assignments, to Chicago Railway Equipment Company, Chicago, Ill. Brake beam head. 2,349,484; May 18.
- Welsh, Alonzo P., Lynwood, Calif. Vehicle direction signal. 2,336,905; Dec. 14.
- Welsh, James W., Providence, R. I., assignor to Welsh Manufacturing Company, Goggles. 2,317,658; Apr. 27.
- Welsh, James W., assignor to The Welsh Manufacturing Company, Providence, R. I. Headband. 2,328,042; Aug. 31.
- Welsh Manufacturing Company. (See Welsh, James W., assignor.)
- Wells, Benedict, Lake Orion Township, Oakland County, assignor to Colonial Broach Company, Detroit, Mich. Hydraulic broaching machine. Re. 2,231,815; May 18.
- Weltman, Charles, Brooklyn, N. Y. Doll's eyes. 2,313,854; Mar. 16.
- Weltroic Corporation. (See Undy, Gustav E., assignor.)
- Wetly, Albert B., Moline, Ill., assignor to International Harvester Company. Grain divider. 2,312,783; Mar. 2.
- Wetly, Albert B., Moline, Ill., assignor to International Harvester Company. Harvester-thresher. 2,314,259; Mar. 16.
- Wetly, Albert B., Jr., Elizabeth, N. J., assignor to Standard Oil Development Company. Catalyst regeneration. 2,330,767; Sept. 28.
- Wetly, Albert B., Jr., Mountanside, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Catalytic reaction. 2,333,500; Nov. 2.
- Wetly, Albert B., Moline, Ill., assignor to International Harvester Company. Raking attachment for thresher cylinders. 2,334,461; Nov. 16.
- Wetly, Albert B., Jr., Elizabeth, and S. F. Perry, Roselle, N. J., assignor, by mesne assignments, to Standard Catalytic Company. Catalytic reforming. 2,335,717; Nov. 30.
- Wetly, Frank B., Youngstown, and R. D. Wetly, Canfield, Ohio. Faucet. 2,331,527; Oct. 12.
- Wetly, George D., Shaker Heights, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Making hollow propellers. 2,312,095; Feb. 23.
- Wetly, Raymond D. (See Wetly, F. B. and R. D.)
- Wetly, William R., assignor to O. S. Petty, San Antonio, Tex. Method and apparatus for measuring and recording vibrational effects. 2,309,560; Jan. 26.
- Wemp, Ernest E., Detroit, Mich. Mechanism for transmitting power. 2,309,559; Jan. 26.
- Wemp, Ernest E., Detroit, Mich. Centrifugal head pressure device. 2,336,973; Dec. 14.
- Wenander, Erik, Lund, Sweden. Oil or gas fired cooking range. 2,335,093; Nov. 23.
- Wenborg, Arthur W., Pine City, Minn. Toothed cultivator. 2,309,266; Jan. 26.
- Wendell, Jane E. M. (See Davitt, M. M. M., and Wendell.)
- Wenderlein, Hans. (See Reppe, W., Schmidt, Schulz, and Wenderlein.)
- Wendes, John C. H. (See Young, H. A., and Wendes.)
- Wendler, Norman L. (See Tishler, M., and Wendler.)
- Wendt, Adolph. (See Shuh, John P., assignor.)
- Wendt, Bruno. (See Bohner, G., Wendt, and Eggert.)
- Wendt, Bruno. (See Eggert, J., and Wendt.)
- Wendt, Karl R., Audubon, N. J., assignor to Radio Corporation of America. Electrical delay circuit. 2,313,906; Mar. 16.
- Wendt, Karl R., Audubon, N. J., assignor to Radio Corporation of America. Television system. 2,321,343; June 8.
- Wendt, Karl R., Audubon, N. J., assignor to Radio Corporation of America. Television apparatus. 2,326,083; Aug. 3.
- Wendt, Karl R., Audubon, N. J., assignor to Radio Corporation of America. Television system. 2,326,907; Aug. 16.
- Wendt, Karl R., Audubon, N. J., assignor to Radio Corporation of America. Synchronizing of deflecting circuits. 2,332,681; Oct. 26.
- Wener, Harold H., Stoughton, Wis. Swimming device. 2,325,453; July 27.
- Wengel, Raymond W., assignor to Eastman Kodak Company, Rochester, N. Y. Film gate for projectors. 2,315,914; Apr. 6.
- Wengel, Raymond W., assignor to Eastman Kodak Company, Rochester, N. Y. Projector shutter. 2,328,239; Aug. 31.
- Wenger, Floyd E., assignor to R. L. Triplett, Bluffton, Ohio. Electrical fence charging apparatus. 2,315,757; Apr. 6.
- Wenger, Edgar I., Philadelphia, Pa. Balancing machine attachment. 2,336,429; Dec. 7.
- Wengler, Frank, Remsen, Iowa. Grain guide and retarder for binders. 2,322,706; June 22.
- Weniger, Joseph K., assignor to Beaumont Birch Company, Philadelphia, Pa. Sealing ash hopper gates. 2,317,007; Apr. 20.
- Wening, Herman E., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Plastic adhesive. 2,325,562; July 27.

- Wenker, Henry, assignor to Apex Chemical Co., Inc., Elizabeth, N. J. Purifying hydroxy aliphatic acids. 2,334,524; Nov. 16.
- Wenner, Wilhelm, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Derivatives of tropic acid amide and manufacture thereof. 2,320,497; June 1.
- Went, Jan J., P. van Nooyen, and W. D. van der Moer, Eindhoven, Netherlands; vested in the Allen Property Custodian. Soldering iron. 2,331,088; Oct. 5.
- Wenta, Peter J. (See Toelke, A. F., Gehne, and Wenta.)
- Wentes, Isaac, Philadelphia, Pa. Knife and scissors sharpener. 2,324,805; July 20.
- Wentworth, Theodor, Haddon Heights, N. J., assignor to Radio Corporation of America. Percability tuning system. 2,322,722; June 22.
- Wentworth, Chauncey F., et al. (See Dodge, Eugene W., assignor.)
- Wentworth and Hull. (See Wentworth, Jesse S., assignor.)
- Wentworth, Jesse S., assignor to Wentworth and Hull, Cincinnati, Ohio. Vane pump. 2,331,878; Oct. 19.
- Wentworth, Pearl J., Fort Thomas, Ky. Ink applying apparatus. 2,309,286; Jan. 26.
- Wentworth, Philip C., Providence, R. I. Traveler. 2,333,755; Nov. 9.
- Wentworth, Robert S., Mamaroneck, N. Y. Distributing and assembling machine. 2,328,317; Aug. 31.
- Wentworth, Theodore O., assignor to The Vulcan Copper & Supply Company, Cincinnati, Ohio. Recovery of lower aliphatic acids from aqueous solutions. 2,333,756; Nov. 9.
- Wentz, Edward C., Sharpsville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding transformer. 2,310,886; Feb. 9.
- Wentz, John K. (See Lang, C. W., and Wentz.)
- Wentz, Oscar W., Long Island City, N. Y., assignor to United States Automatic Box Machinery Co., Inc., Roseland, Mass. Container discharge outlet and releasable closure means therefor. 2,324,807; July 20.
- Wentz, William M., Carney's Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyeing with vat dyes. 2,318,133; May 4.
- Wenz, Adolfo, Malloco, Chile. Fruit or vegetable selecting machine. 2,315,100; Mar. 30.
- Wenzel, Fred J. (See Dodge, Carl, assignor.)
- Wenzel, Robert N., Swissvale, Pa., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Glass solution and glass coating. 2,308,409; Jan. 12.
- Wenzel, Robert N., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Glass solution. 2,333,608; Nov. 2.
- Wipple, Henry, Minneapolis, Minn. Toolholder. 2,332,417; Oct. 19.
- Wepflo, Isaac W., Minneapolis, Minn. Fuel vaporizer. 2,318,824; May 11.
- Werk, M., Company, The. (See Eisenlohr, Gustav W., assignor.)
- Working, Leroy C., Cleveland, Ohio, assignor to National Carbon Company, Inc. Diffusion of gases into liquids. 2,318,728; May 11.
- Worme, Adolph, assignor to Reed & Prince Manufacturing Company, Worcester, Mass. Detachable bit tool. 2,318,728; May 4.
- Worme, Tage F., Fairfield, Conn., assignor to Remington Arms Company, Inc. Making projectiles. 2,336,143; Dec. 7.
- Werner, Arthur W. (See Evert, C. W., and Werner.)
- Werner, Calvin J. (See Bradford, Z. C., Werner, and Sleeter.)
- Werner, Calvin J. (See Menzies, W. E., and Werner.)
- Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Control device for electric motors. 2,333,906; Nov. 9.
- Werner, Ewald. (See Gruender, O. C., and Werner.)
- Werner, Ewald, and K. Steinhart, assignors to Nordberg Manufacturing Co., Milwaukee, Wis. Impact member for impact crushers. 2,310,758; Feb. 9.
- Werner, Frederick H., and O. N. Whitehead, assignors to H. L. Judd Company, Inc., Wallingford, Conn. Festoon bracket. 2,337,950; Dec. 28.
- Werner, Georg, Wiesbaden-Hochberg, Germany, assignor, by mesne assignments, to Wintrop Chemical Company, Inc., New York, N. Y. Thiocarbonates of aromatic polyhydroxy compounds. 2,332,418; Oct. 19.
- Werner, Harry C. (See Baker, J. G., and Werner.)
- Werner, Oscar. (See Davis, H. E., and Werner.)
- Werner, Wilbert A., Western Springs, Ill. Dental restoration. 2,317,008; Apr. 20.
- Wernlund, Christian J., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cleaning steel surfaces. 2,315,568; Apr. 6.
- Wernitz, James H. (See Kirby, J. E., and Wernitz.)
- Wernitz, James H., Brandywine, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of secondary aliphatic monoketomonosulphonates. 2,308,841; Jan. 19.
- Wernitz, James H., Brandywine Hundred, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of surface-active sulphonates. 2,318,030; May 4.
- Wertz, James H., Brandywine Hundred, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical compound and process. 2,326,270; Aug. 10.
- Werrett, Roy, Cam, assignor to R. A. Lister & Company Limited, Dursley, Gloucestershire, England. Apparatus for electrodepositing metals. 2,333,907; Nov. 9.
- Werring, Walter W. (See Abbott, L. E., and Werring.)
- Wertz, James E., Ware Shoals, S. C., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rotary loop-taker for sewing machines. 2,320,316; May 25.
- Wertz, Louis S. (See Disney, C. P., and Wertz.)
- Wertz, Louis S., Shaker Heights, Ohio. Composition for densifying porous masses and structures. 2,313,107; Mar. 9.
- Wertz, Louis S., Cleveland, Ohio. Treating surfaces. 2,313,108; Mar. 9.
- Wertz, Louis S., Cleveland, Ohio. Treating porous masses. 2,313,109; Mar. 9.
- Wertz, Louis S., Cleveland, Ohio. Filling cavities. 2,313,110; Mar. 9.
- Wertz, Louis S., Cleveland Heights, Ohio. Method of and apparatus for treating surfaces. 2,325,087; July 27.
- Wery, Albert G., Teaneck, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Separating apparatus. 2,336,430; Dec. 7.
- Weske, John R., Hudson, Ohio. Axial flow fan. 2,313,413; Mar. 9.
- Weskenson Corporation. (See Johnson, William H., assignor.)
- Wesley, Andrew, Plainfield, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Electrodepositing hard nickel plating. 2,331,751; Oct. 12.
- Wesley, Andrew, Plainfield, N. J., and J. W. Carey, Lynbrook, assignors to The International Nickel Company, Inc., New York, N. Y. Semibright nickel deposition. 2,313,303; Apr. 13.
- Wesley, Frank S. (See Garbe, R. H., and Wesley.)
- Wesley, Edward L. (See Wesley, Walter F., assignor.)
- Wesley, Walter F., assignor, by mesne assignments, to E. L. Wesley, Minneapolis, Minn. Pump. 2,314,745; Mar. 23.
- Westling, Louis, assignor to B. E. Forsyth, Chicago, Ill. Adjustable stool. 2,320,688; June 1.
- Vessel, Carl, assignor to himself and L. W. Cleminson, Chicago, Ill., as trustees. Apparatus for making drawn metal tubes and metal castings. 2,309,608; Jan. 26.
- Wessel, Carl, assignor to C. Wessel and L. W. Cleminson, Chicago, Ill. Apparatus for casting. 2,333,286; Nov. 2.
- Wesseler, William J. (See Odatto, G. B., and Wesseler.)
- Wesseler, William J., East Cleveland, Ohio. Shielding device. 2,326,713; Aug. 10.
- Wesselhoeft, Robert, Sandwich, Mass., assignor of one-half to M. H. O'Brien, Detroit, Mich. Self-emptying ash tray. 2,335,094; Nov. 23.
- Wessinger, Harold B. (See Martin, J. L., and Wessinger.)
- Wessinger, William J., et al. (See Price, Albert O., assignor.)
- Wessinger, Harold B., Medford, and J. L. Martin, Lowell, Mass. Roller for centrifugal casting molds. 2,316,827; Apr. 20.
- Wessinger, Ernst, Long Island City, N. Y. Dental vulcanizing flask. 2,326,271; Aug. 10.
- West, Carleton T., Tehachapi, and M. Treshow, West Los Angeles, Calif., assignors to Monolith Portland Cement Company. Cement sack. 2,314,639; Mar. 23.
- West, Charles A. (See Carmody, Edmund O., and West.)
- West, Charles P., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Indicating lamp. 2,331,254; Oct. 5.
- West, Charles P., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Switchgear apparatus. 2,331,255; Oct. 5.
- West, Clarence W. (See Huber, Price A., assignor.)
- West, Clifford S., Adams, Mass., assignor to General Electric Company. Condenser winding machine. 2,328,520; Aug. 31.
- West, Cutler D., Cambridge, Mass., assignor to Polaroid Corporation, Dover, Del. Coating composition. 2,332,958; Oct. 26.
- West, Douglas L., assignor to H. Smith Paper Mills Limited, Montreal, Quebec, Canada. Visual color comparator. 2,325,350; July 27.
- West, Edward E., Richmond, Va. Hem opening device. 2,308,135; Jan. 12.
- West, Edward E., Richmond, Va. Bag feeding mechanism. 2,316,922; Apr. 22.
- West, Ernest. (See West, Frederick J. and E.)
- West, Fletcher L., assignor to The McCaskey Register Company, Alliance, Ohio. Roll top. 2,336,660; Dec. 14.
- West, Frederick J. and E. Miles Plating, Manchester, assignors to West's Gas Improvement Company Limited, Manchester, England. Retort discharge mechanism. 2,317,838; Apr. 27.
- West, George L., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Casket. 2,327,949; Aug. 24.

West, Harry H., Philadelphia, Pa. Marine propulsion attachment. 2,336,906; Dec. 14.

West, Herbert J., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Tanning. 2,322,959; June 29.

West, Herbert J., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Production of low viscosity urea-formaldehyde alcohol resin solutions. 2,327,984; Aug. 31.

West, Howard K., assignor to Dextdale Hosiery Mills, Lansdale, Pa. Flat knitting machine. 2,331,528; Oct. 12.

West, Lawrence B., Chattanooga, Tenn. Method of and apparatus for treating material. 2,309,810; Feb. 2.

West, M. G., Company. (See West, Ross R., assignor.)

West, Mack A., Paragould, Ark. Press wheel for planters. 2,331,819; Oct. 12.

West, Maxwell A., assignor to Champion, Inc., Portland, Oreg. Screw driver. 2,317,319; Apr. 20.

West, Michael J. (See Krueger, A. P., and West.)

West, Paul H. (See Gwaltney, E. C., and West.)

West, Perry, Lexington, Ky. Turbine system. 2,322,987; June 29.

West, Ross R., assignor to M. G. West Company, San Francisco, Calif. Filing drawer. 2,312,611; Mar. 2.

West, Ruben A., Crossville, Ill., and H. W. Fulkerson, Muskogee, Okla. Top tank control. 2,311,499; Feb. 16.

West Tire Setter Company, The. (See Gap, David, assignor.)

West, Victor E., Chicago, Ill., assignor to Standard Railway Devices Company. Refrigerator car construction. 2,308,036; Jan. 12.

West, Victor E., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car construction. 2,332,034; Oct. 19.

West, Victor E., Chicago, Ill., assignor to Standard Railway Devices Company. Refrigerator car construction. 2,336,443; Dec. 7.

West, Victor E., assignor to Standard Railway Devices Company, Chicago, Ill. Refrigerator car. 2,330,444; Dec. 7.

West, William R., assignor to White Sewing Machine Corporation, Cleveland, Ohio. Sewing machine cabinet. 2,318,443; May 4.

West, William R., Montebello, Calif. Gaseous fuel mixer. 2,321,719; June 15.

Westberg, Arthur H., Hempstead, assignor to Republic Aviation Corporation, Farmingdale, N. Y. Closure. 2,316,923; Apr. 20.

Westberg, Ed., et al., trustees. (See Deuel, Clyde, assignor.)

Westberg, Erik, Douglas, assignor of one-half to Alex Lind, Williston, N. Dak. Combined memorandum pad and container. 2,324,966; July 20.

Wescott, Elaine B. (See zur Horst, C. G., Wescott and Voller.)

Westcott, Clifford H., Oak Park, assignor to J. H. Jacobson, Chicago, Ill. Split dowel bar with bearing and support. 2,327,231; Aug. 17.

Westcott, Russell G. (See Behnke, G. W., Westcott, and Sandula.)

Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. High voltage apparatus. 2,307,612; Jan. 5.

Westerfield, James A., Beaver Dam, Ky. Buckle. 2,322,609; June 22.

Westergaard, Sarah E. (See Kelly, Hugh W., assignor.)

Westerkamp, Hugo, Koln-Braunsfeld, Germany; vested in the Alien Property Custodian. Film container for endless films. 2,325,563; July 27.

Westerlund, Einar J., Warren, Ohio, assignor to General Electric Company. Method and apparatus for ascertaining. 2,318,274; May 4.

Western Battery and Supply Company, The. (See Bible, Walter E., assignor.)

Western Cartridge Company. (See Blais, Emilien, assignor.)

Western Cartridge Company. (See Bohner, Clyde C., assignor.)

Western Cartridge Company. (See Burton, Frank F., assignor.)

Western Cartridge Company. (See Calhoun, J. C., Davidson, and Hansen, assignors.)

Western Cartridge Company. (See Clarkson, Ralph E., assignor.)

Western Cartridge Company. (See Crasnoff, Victor N., assignor.)

Western Cartridge Company. (See Foster, Harry C., assignor.)

Western Cartridge Company. (See Humeston, Frederick L., assignor.)

Western Cartridge Company. (See Pugsley, E., and Humeston, assignors.)

Western Cartridge Company. (See Roemer, William C., assignor.)

Western Cartridge Company. (See Silk, Charles E., assignor.)

Western Cartridge Company. (See Swebilius, Carl G., assignor.)

Western Cartridge Company. (See Williams, David M., assignor.)

Western Electric Company. (See Albersheim, Walter J., assignor.)

Western Electric Company. (See Barney, D. R., and Weaver, assignors.)

Western Electric Company. (See Barrans, W. T., Cole, Hamman, and Robson, assignors.)

Western Electric Company. (See Beeton, E. E., and Campbell, assignors.)

Western Electric Company. (See Benfer, Richard W., assignor.)

Western Electric Company. (See Beragren, G. E., and Nelson, assignors.)

Western Electric Company. (See Berthold, Wolf, assignor.)

Western Electric Company. (See Bouchal, Jerry J., assignor.)

Western Electric Company. (See Bouget, Yves A., assignor.)

Western Electric Company. (See Boynton, Stanley E., assignor.)

Western Electric Company. (See Boynton, S. E., and Waters, assignors.)

Western Electric Company. (See Blount, H., and Lundeen, assignors.)

Western Electric Company. (See Brady, Eugene F., assignor.)

Western Electric Company. (See Brown, George R., assignor.)

Western Electric Company. (See Brown, William J., assignor.)

Western Electric Company. (See Brubaker, J. L., and Longvols, assignors.)

Western Electric Company. (See Bureau, A. A., and Price, assignors.)

Western Electric Company. (See Burger, Michael J., assignor.)

Western Electric Company. (See Cole, C. C., and Deuth, assignors.)

Western Electric Company. (See Davis, Charles C., assignor.)

Western Electric Company. (See Dennis, C. E., and Heinz, assignors.)

Western Electric Company. (See Dowd, Archie J., assignor.)

Western Electric Company. (See Edelman, Beril, assignor.)

Western Electric Company. (See Ewaldson, Waldemar C., assignor.)

Western Electric Company. (See Fairley, Frank, assignor.)

Western Electric Company. (See Fischer, E. A., and Moss, assignors.)

Western Electric Company. (See Fruth, Hal F., assignor.)

Western Electric Company. (See Garbe, H. W., and Saravalli, assignors.)

Western Electric Company. (See Garbe, R. H., and Wesley, assignors.)

Western Electric Company. (See Gillis, Randall, assignor.)

Western Electric Company. (See Gray, Alvin N., assignor.)

Western Electric Company. (See Hackbarth, C. J., and Lundeen, assignors.)

Western Electric Company. (See Hall, Earl C., assignor.)

Western Electric Company. (See Henning, G. E., and Wagner, assignors.)

Western Electric Company. (See Holcomb, Arthur L., assignor.)

Western Electric Company. (See Irrgang, Louis J., assignor.)

Western Electric Company. (See Kalmbach, Lloyd R., assignor.)

Western Electric Company. (See Klatt, R. K., and Sherrill, assignors.)

Western Electric Company. (See Krogel, Christopher J., assignor.)

Western Electric Company. (See Lea, G. D., and Stull, assignors.)

Western Electric Company. (See Lenehan, Francis J., assignor.)

Western Electric Company. (See Livingston, John T., assignor.)

Western Electric Company. (See Marble, Frank G., assignor.)

Western Electric Company. (See Martindell, Frank, assignor.)

Western Electric Company. (See McCann, Paul S., assignor.)

Western Electric Company. (See McCoy, Clarence E., assignor.)

Western Electric Company. (See Merrick, De Witt D., assignor.)

Western Electric Company. (See Merwin, Harry H., assignor.)

Western Electric Company. (See Miner, Robert V., assignor.)

Western Electric Company. (See Moller, Kasper F., assignor.)

Western Electric Company. (See Morgan Kenneth F., assignor.)

Western Electric Company. (See Mitchell, Donald H., assignor.)

- Western Electric Company. (See Nelson, O. G., and Wagner, assignors.)
- Western Electric Company. (See Newton, E. E., Peachey, and Revely, assignors.)
- Western Electric Company. (See Nowell, K. P., and Rus, assignors.)
- Western Electric Company. (See Nystrom, A. C., and Reichelt, assignors.)
- Western Electric Company. (See Nystrom, A. C., and Wade, assignors.)
- Western Electric Company. (See Olofson, Karl R., assignor.)
- Western Electric Company. (See Pash, Robert, assignor.)
- Western Electric Company. (See Pizzi, A. L., and Quackenbush, assignors.)
- Western Electric Company. (See Powell, Raymond E., assignor.)
- Western Electric Company. (See Quinlan, Amos L., assignor.)
- Western Electric Company. (See Raetsch, Bruno A., assignor.)
- Western Electric Company. (See Rayburn, Vincent A., assignor.)
- Western Electric Company. (See Revely, Frederick R., assignor.)
- Western Electric Company. (See Reh, Paul A., assignor.)
- Western Electric Company. (See Reichelt, L. O., and Waters, assignors.)
- Western Electric Company. (See Reynolds, Ellwood W., assignor.)
- Western Electric Company. (See Rinck, F. B., and Scott, assignors.)
- Western Electric Company. (See Romano, John D., assignor.)
- Western Electric Company. (See Schmitz, Herman J., assignor.)
- Western Electric Company. (See Selvig, John N., assignor.)
- Western Electric Company. (See Shalla, Edmund F., assignor.)
- Western Electric Company. (See Sleskinsky, Gregory N., assignor.)
- Western Electric Company. (See Smith, Charles C., assignor.)
- Western Electric Company. (See Smith, R. K., and Sulzer, assignors.)
- Western Electric Company. (See Strout, Phillips E., assignor.)
- Western Electric Company. (See Sulzer, John H., assignor.)
- Western Electric Company. (See Summers, A. E., and Tomlin, assignors.)
- Western Electric Company. (See Stull, John S., assignor.)
- Western Electric Company. (See Teichner, Rudolph R., assignor.)
- Western Electric Company. (See Thielker, Henry J., assignor.)
- Western Electric Company. (See Van Nest, Arden L., assignor.)
- Western Electric Company. (See Vigren, S. D., and Svensson, assignors.)
- Western Electric Company. (See Waller, Lee R., assignor.)
- Western Electric Company. (See Walters, Ernest G., assignor.)
- Western Electric Company. (See Weaver, Leo L., assignor.)
- Western Electric Company. (See Wery, Albert G., assignor.)
- Western Electric Company. (See Wolfson, Henry M., assignor.)
- Western Electric Company Incorporated. (See Barkstrom, E. E., and Larsen, assignors.)
- Western Electric Company, Incorporated. (See Franz, Erwin E., assignor.)
- Western Electric Company Inc. (See Kivley, Ray C., assignor.)
- Western Electric Company, Incorporated. (See Konvalinka, William J., assignor.)
- Western Electric Company Inc. (See McCain, Cecil C., assignor.)
- Western Electric Company, Incorporated. (See Powell, Raymond E., assignor.)
- Western Electric Company Inc. (See Price, Stanley, assignor.)
- Western Electric Company, Incorporated. (See Robinson, John A., assignor.)
- Western Electric Company Inc. (See Seeley, George A., assignor.)
- Western Electric Company, Inc. (See Shannon, Carlisle, assignor.)
- Western Electric Company, Incorporated. (See Stewart, Clarence R. G., assignor.)
- Western Filter Company. (See Potter, Raymond M., assignor.)
- Western Laundry Machinery Company. (See Sando, Joseph B., assignor.)
- Western Machinery Company. (See Bousman, Samuel I., assignor.)
- Western Precipitation Corporation. (See Lissman, Marcel A., assignor.)
- Western Precipitation Corporation. (See McGrane, Norman M., assignor.)
- Western Printing & Lithographing Company. (See Holden, Queen, assignor.)
- Western Railroad Supply Company. (See Gillespie, Stanley E., assignor.)
- Western States Envelope Company. (See Vallier, Elijah G., assignor.)
- Western States Machine Company, The. (See Hertrich, Joseph, assignor.)
- Western Union Telegraph Company, The. (See Buckingham, William D., assignor.)
- Western Union Telegraph Company, The. (See Buckingham, W. D., and Nelson, assignors.)
- Western Union Telegraph Company, The. (See Hewitt, Ernest W., assignor.)
- Western Union Telegraph Company, The. (See Holcomb, Philo, Jr., assignor.)
- Western Union Telegraph Company, The. (See Janson, George W., assignor.)
- Western Union Telegraph Company, The. (See Kline, Bernard L., assignor.)
- Western Union Telegraph Company, The. (See Long, J. W., and Roberts, assignors.)
- Western Union Telegraph Company, The. (See Maus, F. J., and Nuxoll, assignors.)
- Western Union Telegraph Company, The. (See Noxon, Paul A., assignor.)
- Western Union Telegraph Company, The. (See O'Brien, Frederic L., assignor.)
- Western Union Telegraph Company, The. (See Ridings, G. H., and Wise, assignors.)
- Western Union Telegraph Company, The. (See Roberts, G. L., and Long, assignors.)
- Western Union Telegraph Company, The. (See Rudd, M. A., Mott, and Rovere, assignors.)
- Western Union Telegraph Company. (See Wilder, H. F., and Breyfogel, assignors.)
- Western Union Telegraph Company, The. (See Wise, R. J., and Parrott, assignors.)
- Western Union Telegraph Company, The. (See Wise, R. J., and Ridings, assignors.)
- Western Union Telegraph Company, The. (See Wise, R. J., Stewart and Parrott, assignors.)
- Western Waterproofing Company. (See Donelson, W. W., and Ahearn, assignors.)
- Westfield River Paper Company, Inc. (See Barnhart, Philip S., assignor.)
- Westhaver, Harold J., San Diego, Calif. Ball bearing streamlined swivel. 2,318,119; May 4.
- Westin, Axel. (See Westin, S. and A.)
- Westin, Charles J., Philadelphia, Pa., assignor to F. J. Stokes Machine Company. Operation check for automatic molding presses. 2,317,839; Apr. 27.
- Westin, Sven, West Allis, assignor to A. O. Smith Corporation, Milwaukee, Wis. Electric forming of metallic structures. 2,325,564; July 27.
- Westin, Sven and A. West Allis, assignors of one-third to C. Greenblatt, Milwaukee, Wis. Treating metallic bodies. 2,309,561; Jan. 26.
- Westin, Sven, West Allis, and A. Westin, assignors to A. O. Smith Corporation, Milwaukee, Wis. Electric forming. 2,335,165; Nov. 23.
- Westinghouse Air Brake Company, The. (See Alkman, Burton S., assignor.)
- Westinghouse Air Brake Company, The. (See Borst, D. R., and Hines, assignor.)
- Westinghouse Air Brake Company, The. (See Bush, R. J., and Glass, assignors.)
- Westinghouse Air Brake Company, The. (See Cameron, Mortimer B., assignor.)
- Westinghouse Air Brake Company, The. (See Canetta, J., and Bossart, assignors.)
- Westinghouse Air Brake Company, The. (See Canetta, J., and Grosswege, assignors.)
- Westinghouse Air Brake Company, The. (See Cook, Earle S., assignor.)
- Westinghouse Air Brake Company, The. (See Cook, E. S., and Borst, assignors.)
- Westinghouse Air Brake Company, The. (See Crittenden, Philip L., assignor.)
- Westinghouse Air Brake Company, The. (See Crittenden, P. L., and Hines, assignors.)
- Westinghouse Air Brake Company, The. (See Farmer, Clyde C., assignor.)
- Westinghouse Air Brake Company, The. (See Hewitt, E. E., assignor.)
- Westinghouse Air Brake Company, The. (See Hewitt, E. E., and Hines, assignors.)
- Westinghouse Air Brake Company, The. (See Hines, Claude M., assignor.)
- Westinghouse Air Brake Company, The. (See Hines, C. M., and Borst, assignors.)
- Westinghouse Air Brake Company, The. (See Kelley, Cecil S., assignor.)
- Westinghouse Air Brake Company. (See Kershaw, A. G., and Simmons, assignors.)
- Westinghouse Air Brake Company, The. (See Larson, Arthur G., assignor.)
- Westinghouse Air Brake Company, The. (See McClure, Glenn T., assignor.)
- Westinghouse Air Brake Company, The. (See McCune, Joseph C., assignor.)

- Westinghouse Air Brake Company, The. (See McNeal, Donald L., assignor.)
- Westinghouse Air Brake Company, The. (See Newell, George K., assignor.)
- Westinghouse Air Brake Company, The. (See Place, Willard F., assignor.)
- Westinghouse Air Brake Company, The. (See Sexton, Everett P., assignor.)
- Westinghouse Air Brake Company. (See Stevens, Roy R., assignor.)
- Westinghouse Air Brake Company, The. (See While, Joseph, assignor.)
- Westinghouse Air Brake Company. (See Whitney, Ralph T., assignor.)
- Westinghouse Electric Elevator Company. (See Martin, P. M., and Lund, assignors.)
- Westinghouse Electric Elevator Company. (See McCormick, Harold V., assignor.)
- Westinghouse Electric Elevator Company. (See Williams, H. W., Martin, and Baum, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Abell, George I., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Adams, Paul G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Alben, Frank L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Auling, Carl, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Anderson, William R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Arnold, Edwin E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Arnot, Edward G. F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Barlow, E. G., and Rennie, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Aschwalden, Karl, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ashbaugh, John H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Austin, James O., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Barr, Stuart R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Baker, Benjamin P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Baker, John G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Baker, J. G., and Werner, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Barnes, Thomas D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bartholy, Frederick E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Baxter, Harold G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Baxter, H. G., and Jennings, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Bakken, Andrew H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Barnes, Thomas D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Barnsteiner, Alfons, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bastian, Arthur J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Baston, Cyril E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Baudino, Joseph E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Baudry, Rene, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Becker, M. C., and Crichton, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Beebe, Raymond H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bergs, Eugene W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bell, Maurice E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bell, M. E., and Berberich, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Bendez, Waldemar I., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Berberich, L. J., and Swiss, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Bergstrom, Lawrence G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bergvall, Royal C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Berkey, William E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Blackburn, Philip W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bock, Ashley P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Booth, J. D., and Bock, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Bostwick, M. A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bostwick, M. A., and Smith, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Brace, Porter H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bradshaw, William M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bramble, J. H., and Dunn, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Brocht, V. A., and Hanson, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Breckenridge, Frank, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Breckenridge, F., and Ridge, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Brockel, William G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Brown, A. L., and Atkinson, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Brubaker, Wilson M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Bryant, Ogo N., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Callender, Elmer W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Calvert, Landon R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Carlin, H. J., and Crichton, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Carpenter, Walter E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Chalupa, J. F., and Lloyd, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Chubb, Lewis W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Claybourn, Glen L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Claybourn, G. L., and Keck, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Clark, E. K., and Helman, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Clifford, David G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Cook, Willard G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Conrad, Frank, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Constable, J. M., and Stamm, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Corbett, Francis P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Cox, Joseph H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Cox, J. H., and Casanova, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Cox, J. H., and Myers, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Crabbs, Herbert J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Crawshaw, S. L., and Williams, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Cure, Gilbert, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dailey, Hampton J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dailey, H. J., and Knoche, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Davies, James A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Davis, Arthur A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dawson, John W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dawson, J. W., and Stoddard, assignors.)
- Westinghouse Electric & Manufacturing Company. (See De Croer, Gennaro, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dennington, Arthur R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Denton, W. T., Goetze, and Morris, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Derr, Willard A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dighton, Robert C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ditzler, John L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ditzler, J. L., and Holmes, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Dodds, Clarence W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dorfman, Hiller D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Dorfman, H. D., and G. Freese, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Douglas, Peyton W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Drake, Chester W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Eames, William F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Eber, H. A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Edwards, Hilbert E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Eisner, R. and Rebhan, assignors.)

- Westinghouse Electric & Manufacturing Company. (See Ellis, H. E., and Spear, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Elsey, Howard M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Evans, R. D., and Monteith, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Ewald, V., Pasche, and Ulmzer, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Fahnoe, Harold H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Fielder, Frederick D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Fischer, Eugene H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Flanders, Warren B., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ford, James G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Foreman, R. A., and Mossart, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Forster, J. S., and Herwald, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Frakes, James H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Frakes, J. H., and Saltzman, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Franck, Clarence C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Freeman, George A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Gabalis, J. J., and Meyer, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Geiselman, Ralph A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Giese, Friedrich, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Goldsborough, Shirley L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Goldsborough, S. L., and Smith, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Gooch, Fred P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Gordon, Joseph, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Gottlieb, Manlous, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Guhl, Henry C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Gulliksen, Finn H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Gustin, D. S., and Richardson, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Hagg, Arthur C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Halfvarson, Gustaf A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hall, E. H., and Leitzel, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Hall, James R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hanna, Clinton R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hanna, Raymond P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Harder, Edwin L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hastings, Roger W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hays, Robert P., Jr., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hays, R. F. L., and Herman, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Hays, R. P., Jr., and Hodgkins, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Helman, Joseph R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Heintzen, Harry R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hewitt, George W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hewitt, G. W., and Penney, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Highriter, H. W., and Lillendahl, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Hildebrand, Ralph L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hill, C. F., and Heberich, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Hill, Lawrence R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hill, L. R., and Brown, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Hipple, John A., Jr., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hodnette, John K., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hodnette, J. K., and Leonard, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Holloway, Gilbert C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Holloway, G. C., and May, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Hollstein, Oswald C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Holmes, Richard E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Huffstutter, John W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hunsicker, Frederick P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hutcheson, John A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Hutcheson, J. A., and Lee, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Jacobi, William H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See James, Paul E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Jelinek, Ulrich, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Jenkins, C. F., and Moore, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Jenks, Harold C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Jennings, Oliver S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Jernstedt, George W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Jernstedt, G. W., and Lum, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Johns, Francis J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Johnson, Floyd D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Jones, Euel C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kalischer, Milton, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kalischer, Philip R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kaufmann, Werner, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kaufmann, W., Flögel, Thewalt and Perschl, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Kelly, James M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kilgore, L. A., and Liwischitz, assignors.)
- Westinghouse Electric & Manufacturing Company. (See King, George E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See King, G. E., and Formhals, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Kleeman, Francis S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Knochel, W. J., and Cherry, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Knochel, W. J., and Marshall, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Knowles, Dewey D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Knowles, D. D., and Haller, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Koch, Gustav H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kovalsky, Joseph F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kraut, Samuel, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kreh, Edward J., Jr., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kreidler, Raymond L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kriehel, Ernst, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Kroon, Reinout P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lamberger, E. H., and Langer, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Languth, P. O., and Bottonari, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Languth, P. O., and Harder, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Leape, Charles B., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lee, Paul R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lee, Reuben, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Leippe, Richard M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lempert, Joseph, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lenan, Bernard E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Leonard, Merrill G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lessmann, Gerhard P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Levy, Cyril C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lewis, Robert H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lewis, R. H., and Adams, assignors.)

- Westinghouse Electric & Manufacturing Company. (See Landstrom, Ture, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Landstrom, T., and May, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Landstrom, T., and Sandin, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Lingal, Harry J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Litwischitz, Michael, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ludwig, L. R., and Baker, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Ludwig, L. R., and May, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Lloyd, W. H., and Rydmark, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Lookie, Arthur M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Longwell, Robert R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Lum, J. C., and Jernstedt, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Lynn, Clarence, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Mabury, Edward S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Madden, Harry D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Madden, H. D., and Greenhowe, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Mahin, William E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See McBarry, Ralph E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Marbury, R. E., and Berkey, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Marcy, Gerald P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Marden, J. W., and Moseley, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Marden, J. W., and Nicholson, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Marshall, Donald E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Marshall, D. E., and Knoedel, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Maslin, A. J., and Jones, assignors.)
- Westinghouse Electric & Manufacturing Company. (See May, John W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See McCoy, Graham S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See McNab, Donald, assignor.)
- Westinghouse Electric & Manufacturing Company. (See McNulty, John W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See McShane, Thelma, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Meyers, Henry C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Merley, George M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Miller, Ernest F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Moberly, Lawrence E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Moes, P. E., and McGowan, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Monroe, Gordon R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Morton, Eldred O., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Mossor, James C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Mosshart, Donald J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Myers, Henry C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Myers, H. C., and Cox, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Nadal, A., and Manjoine, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Nerlich, Willi, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Neumann, Otto, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Newton, John S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Oglesbee, Wendell, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Oplinger, Kirk A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ortenli, Ennio, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ow, Joseph W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Pahl, Arno, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Parker, W. W., and Evans, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Parker, W. W., and Peters, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Parsons, John S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Pearson, R. W., and Bender, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Pegg, Edward H. R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Penney, Gaylord W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Penney, G. W., and Barnes, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Peters, John E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Peterson, A. J., Frank, and Burr, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Pierce, Lawrence, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Pierce, L., and Samzelius, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Pollard, Ernest L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Pollard, E. I., and Baudry, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Porter, T. R., and Laddie, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Price, George H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Pritchett, Will R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Purifoy, George R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Putman, Henry V., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Randall, Karl C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Rawlins, Herbert L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Rawlins, H. L., and Graybill, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Rawlings, H. L., and Wallace, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Read, Thomas A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Reagen, Manville E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Rangan, M. E., and Champney, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Reddner, Arnold H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Reitenberg, Joseph H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Renow, Willis A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Renshaw, D. E., Pontius, and Stakel, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Reuter, E. A., and Knowles, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Richardson, H. K., and Morand, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Rideout, Theodore R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Riendeau, Lawrence S., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Riley, Lynn G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ritter, John G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Robinson, C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Romandelli, Danilo, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Rose, B. A., and Baudry, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Rubel, Max J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Rugg, H. H., and Pierson, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Rundell, Theodore W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Rushing, Frank C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Russell, William J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Ryan, Alden H., assignor.)
- Westinghouse Electric & Manufacturing Co. (See Rydmark, Josef A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Samzelius, John W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Sandin, Jerome, assignor.)
- Westinghouse Electric & Manufacturing Co. (See Sauers, Gordon F., assignors.)
- Westinghouse Electric & Manufacturing Company. (See Schaelehlwin, W., and Ponstingl, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Schmid, Edward R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Schmid, Walter, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Schmidt, Henry F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Schmidt, H. F., Semar, and Short, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Schultz, Joseph A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Scott, Angus G., assignor.)

- Westinghouse Electric & Manufacturing Company. (See Seastone, J. B., and Mahin, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Sennar, Harold, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Silverman, Daniel, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Simmon, Alfred, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Skvortzoff, Alexander A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Slack, Charles M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Slepian, Joseph, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Smith, Benjamin H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Smith, E. H., and Bradshaw, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Smith, Clyde E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Smith, C. E., and Murcek, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Smith, Irving R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Smith, Ralph W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Smith, Walter H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Smither, George L., Jr., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Snyder, Frederick D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Soldner, Georg, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Sparkes, Harry P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Spear, W. C., and Welch, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Stark, Albert C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Stearns, Kenneth R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Steward, Colby W., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Stewart, N. H., and Runnace, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Stelmey, F. S., and Hitchcock, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Stoddard, Ralph N., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Stokes, Stanley, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Stoltz, Glenn E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Strom, Albert P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Swindle, Ralph H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Tawney, Gerold L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Tawney, G. L., and Johnson, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Taylor, Charles H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Tichvinsky, Leonid M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Tichvinsky, L. M., and Bandy, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Toepler, Adolph F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Trillingner, Karl, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Tubbs, Lester G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Tull, Robert H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Vassar, Hervey P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Vedder, Edwin H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Vedder, E. H., and Stuges, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Waibel, F., and Nitsche, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Wallace, James M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Walz, John G., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Watrous, Ward W., Jr., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Watson, Earl C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Way, George J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Weber, Peter, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Weissbach, I. L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wentz, Edward C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wenzel, Robert N., assignor.)
- Westinghouse Electric & Manufacturing Company. (See West, Charles P., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Weybrew, Sydney F., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Weybrew, Thebert L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See White, John E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Whittaker, Charles C., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wickerham, William R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wiener, Charles, assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wilby, Norman H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Williams, Carroll M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wilson, Earl D., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Witzke, Raymond L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wolfert, Edward R., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Woodman, Kenneth L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Yalton, John M., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Yost, I. A., and Haas, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Yoxsimer, Orland H., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Yoxsimer, O. H., and White, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Zetterquist, Eric A., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Zetterquist, E. A., and Boyd, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Zühlke, Marcel, assignor.)
- Westling, Lester L., Oakland, Calif. Chain ladder construction. 2,333,498; Nov. 2.
- Westman, August A., Carnation, Wash. Wrench. 2,312,947; Mar. 2.
- Weston, Alexander S., New York, N. Y. Lighter. 2,318,037; May 4.
- Weston, Alexander S., New York, N. Y. Full opening lighter. 2,331,445; Oct. 12.
- Weston, Alfred C., Santa Barbara, Calif. Tire and tire rim. 2,338,066; Dec. 28.
- Weston Electrical Instrument Corporation. (See Lamb, Anthony H., assignor.)
- Weston Electrical Instrument Corporation. (See Lamb, Francis X., assignor.)
- Weston Electrical Instrument Corporation. (See Miller, John H., assignor.)
- Weston Electrical Instrument Corporation. (See Morelock, O. J., assignor.)
- Weston Electrical Instrument Corporation. (See Wolferz, A. H., and Huber.)
- Westover, C. E. (See Smith, W. P., and Westover.)
- Westover, Miles R., Alton, Ill. Flexible shaft hammer. 2,317,158; Apr. 20.
- Westrate, James S., Detroit, Mich. Vehicle jack construction. 2,324,967; July 20.
- Westrate, John M., Grand Rapids, Mich. Device for raising the wheels of vehicles and supporting the same in raised position. 2,312,856; Mar. 2.
- Westrope, Frederick J. (See Brotman, H. D., and Westrope.)
- Westrope, Frederick J., Pleasant Ridge, assignor, by mesne assignments, to Reconstruction Finance Corporation, Detroit, Mich. Snap-on trim structure. 2,308,134; Jan. 12.
- Westrope, Frederick J., Pleasant Ridge, Mich., assignor, by mesne assignments, to F. L. Jacobs Co. Molding. 2,316,035; Apr. 6.
- Westrope, Frederick J., Pleasant Ridge, assignor to F. L. Jacobs Co., Detroit, Mich. Adjustable arm rest with door handle. 2,325,292; July 27.
- Westrope, Frederick J., Pleasant Ridge, Mich., assignor, by mesne assignments, to F. L. Jacobs Co. Window latch. 2,318,231; Aug. 11.
- Westrope, Frederick J., deceased, late of Pleasant Ridge, Mich., by Isabel D. Westrope, Pleasant Ridge, administratrix, assignor to F. L. Jacobs Company, Detroit, Mich. Foldable vehicle top. 2,329,802; Sept. 21.
- Westrope, Isabel D., administratrix. (See Brotman, H. D., and Westrope.)
- Westrope, Isabel D., administratrix. (See Westrope, Frederick J.)
- West's Gas Improvement Company Limited. (See West, Frederick J., and E., assignors.)
- Westvaco Chlorine Products Corporation. (See Ericsson, Ralph L., assignor.)
- Westvaco Chlorine Products Corporation. (See George, James E., assignor.)
- Westvaco Chlorine Products Corporation. (See Nichols, William T., assignor.)
- Westvaco Chlorine Products Corporation. (See Pitman, Arthur L., assignor.)
- Westvaco Chlorine Products Corporation. (See Woodward, Teynham, assignor.)
- West Virginia Newspaper Publishing Company. (See Reid, Roswell S., assignor.)

- West Virginia Pulp and Paper Company. (See Haywood, Gerald, assignor.)
- West Virginia Pulp and Paper Company. (See Pollak, A., and Widdingham, assignors.)
- West Virginia Pulp and Paper Company. (See Rawling, Francis G., assignor.)
- Westwood, Edward L., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Culvert. 2,309,685; Feb. 2.
- Wetmore, Earnest M., Tonkawa, Okla. Rotor. 2,312,612; Mar. 2.
- Wetzel, Numbering Machine Co. (See Riesenberger, Austin G., assignor.)
- Wettig, Theodore A., assignor to The Acme Machine Tool Company, Cincinnati, Ohio. Toolholder. 2,314,314; Mar. 16.
- Wettingfield, Henry, Jr. (See Polin, H. S., Nerken and Wittingfield, Jr.)
- Wetzel, William L., Buffalo, assignor to Niagara Tires, Incorporated, New York, N. Y. Therapeutic vibrator and massage device. 2,307,554; Jan. 5.
- Wetton, Robert G., Haddonfield, N. J., assignor to Keasbey & Mattison Company, Ambler, Pa. Water repellent surfacing for cement. 2,315,029; Mar. 30.
- Wettstein, Albert. (See Miescher, K., and Wettstein.)
- Wettstein, Albert. (See Ruetzke, L., and Wettstein.)
- Wettstein, Albert, Basel, Switzerland, assignor to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Doubly unsaturated ketones and making same. 2,311,102; Feb. 16.
- Wetzel, Theodore A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermocouple operated electromagnet. 2,337,140; Dec. 21.
- Wetzer, Charles E., and P. F. Boehm, Long Island City, N. Y., assignor to The United States Harmonica Corporation. Manufacture of harmonicas. 2,317,425; Apr. 27.
- Wetzel, Max E., Long Island City, N. Y. Hold-down clamp. 2,322,707; June 22.
- Wexler, Irving, assignor to The R. H. Laird Manufacturing Company, Inc., New York, N. Y. Toilet article. 2,316,138; Apr. 6.
- Wexler, Louis, Brooklyn, assignor to Lustberg, Nast & Co., Inc., New York, N. Y. Garment construction. 2,311,799; Feb. 23.
- Wey, George J., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Watt-hour meter magnet. 2,308,756; Jan. 10.
- Weyandt, Carl S., Homer City, Pa. Reciprocatory motor and control thereof. 2,310,185; Feb. 2.
- Weyandt, Carl S., Homer City, Pa. Vibratory feeder. 2,323,864; July 6.
- Weyandt, Carl S., Homer City, Pa. Electrically operated vibratory conveyor. 2,331,820; Oct. 12.
- Weyandt, Carl S., and E. J. Mission, assignors to Syntroon Company, Homer City, Pa. Percussion tool. 2,315,993; Apr. 6.
- Weybrow, Sydney F., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,331,257; Oct. 5.
- Weybrow, Theobert L., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,331,256; Oct. 5.
- Weyenberg, Henry, assignor to Holland Furnace Company, Holland, Mich. Draft control damper structure. 2,309,429; Jan. 26.
- Weyerhaeuser Timber Company. (See Hatch, Raymond S., assignor.)
- Weyerhaeuser Timber Company. (See Palmrose, G. V., and McBain, assignors.)
- Weyerts, Walter J., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic silver halide emulsion. 2,311,103; Feb. 16.
- Weyl, Woldeemar A., State College, Pa., assignor to American Optical Company, Southbridge, Mass. Yellow fluorescent material and making the same. 2,322,265; June 22.
- Weyland, Kenneth G. (See Dorn, G., and Weyland.)
- Whalen, Elizabeth, New York, N. Y. Lipstick. 2,336,328; Dec. 7.
- Whalen, John N. (See Morgan, M., and Whalen.)
- Whaley, George W., Van Nuys, Calif. Adapter for flashlight and revolver. 2,314,061; Mar. 16.
- Whaley, Ralph S., Seattle, Wash. Method of and apparatus for dispensing effervescent liquids. 2,331,064; Oct. 5.
- Whann, Jesse P. (See Harris, N. C., and Whann.)
- Wharam, John J., assignor to Ford Motor Company, Dearborn, Mich. Motor vehicle lock. 2,314,568; Mar. 23.
- Wharam, John J., assignor to Ford Motor Company, Dearborn, Mich. Gearshift mechanism. 2,317,654; Apr. 27.
- Wharton, Russell F., Rockford, Ill. Advertising or display device. 2,324,343; July 13.
- Wharton, Samuel T., Jr. (See Sheehan, W. M., and Wharton.)
- Wherry, George H., Jr., assignor to Wheary Trunk Company, Racine, Wis. Hand luggage. 2,309,029; Jan. 19.
- Wheary Trunk Company. (See Wherry, George H., Jr., assignor.)
- Wheat, Grant, assignor to Koehler Manufacturing Company, Marlboro, Mass. Miner's lamp. 2,312,613; Mar. 2.
- Wheat, Grant, assignor to Koehler Manufacturing Company, Marlboro, Mass. Miner's lamp. 2,312,614; Mar. 2.
- Wheatley, George, assignor to The General Tire & Rubber Company, Akron, Ohio. Apparatus for retreading tires. 2,313,414; Mar. 9.
- Wheatley, William B., San Diego, Calif., assignor to Consolidated Aircraft Corporation. Multiple control unit. 2,323,859; July 6.
- Wheaton, A. W., Brass Works. (See Krone, H. C., and Meyer, assignors.)
- Wheaton, A. W., Brass Works. (See Meyer, William, assignor.)
- Wheaton Brass Works. (See Krone, H. C., and Meyer, assignors.)
- Wheaton Brass Works. (See Meyer, William, assignor.)
- Wheaton, Estel O., assignor to Kelly-Wheaton Company, Toledo, Ohio. Transmission control. 2,320,960; June 1.
- Wheel Aligging Necessities, Inc. (See Castiglia, Biagio, assignor.)
- Whelan, Robert B., Great Neck, N. Y., and A. Balaban, Hollywood, Calif. Photography and means therefor. 2,328,403; Aug. 31.
- Wheeler, Alexander W., Philadelphia, Pa., assignor to National Lead Company, New York, N. Y. Making metal coated collapsible tubes. 2,320,498; June 1.
- Wheeler, Carson M., Montclair, N. J., assignor to Federal Telephone and Radio Corporation. Grid construction. 2,310,822; Feb. 9.
- Wheeler, Clarence M. (See Sadler, Edward P., assignor.)
- Wheeler, Donald P. (See Hendricks, J. C., Jr., Slideman, and Wheeler.)
- Wheeler, Edison L., Wilmette, Ill. Fire protection outfit. 2,331,283; Oct. 12.
- Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Directive antenna system. 2,324,548; July 20.
- Wheeler, Harry C., Middletown, Ohio. Latch for awnings. 2,327,232; Aug. 17.
- Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar machine long-filler feed. 2,311,011; Feb. 16.
- Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. High speed cigar machine. 2,319,628; Apr. 20.
- Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Filler feed for cigar-making machines. 2,329,169; Sept. 7.
- Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Filler feeding channel construction. 2,329,233; Sept. 14.
- Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Retoller and trimmer for cigar rolling machines. 2,337,076; Dec. 21.
- Wheeler Insulated Wire Company, The. (See Gaynor, Edwin G., assignor.)
- Wheeler, John N. (See Dunwell, S. W., and Wheeler.)
- Wheeler, John N., Hawthorne, assignor to International Business Machines Corporation, New York, N. Y. Apparatus for verifying statistical data. 2,335,982; Dec. 7.
- Wheeler, Preston M., Austin, Tex. Apparatus for and method of making X-ray photographs. 2,327,294; Aug. 17.
- Wheeler, Sidney A. (See Brickley, James L., assignor.)
- Wheeler, Walter H., Jr., assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Value stamping and vending machine. 2,335,718; Nov. 30.
- Wheeler, William R., Lakewood, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Apparatus for injection molding vinyl resins. 2,308,636; Jan. 19.
- Wheeling Stamping Company. (See McElwain, James J., assignor.)
- Wheeling Stamping Company. (See Strong, William J., assignor.)
- Wheeling Steel Corporation. (See McElhinney, John H., assignor.)
- Wheeling Steel Corporation. (See Robinson, William H., assignor.)
- Wheeling Steel Corporation. (See Westwood, Edward L., assignor.)
- Wheelock, John H., Fitzwilliam, N. H., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Fault-indicating means for signal systems. 2,307,904; Jan. 12.
- Wheelock, John H., Fitzwilliam, N. H., assignor to Signal Engineering Manufacturing Company, New York, N. Y. Fault-indicating means for signal systems. 2,323,860; July 6.
- Wheelock, John H., Fitzwilliam, N. H., and H. F. Cypher, assignors to Signal Engineering & Manufacturing Company, New York, N. Y. Alarm signal system. 2,316,639; Apr. 13.
- Wheelock, Major W., et al. (See Bowker, Ervin, assignor.)
- Whelen, Myron S. (See Wuertz, A. J., and Whelen.)
- Whipple, Allen D., Alexandria, Ind., assignor to Johnson Laboratories, Inc., Chicago, Ill. Rustproofed ferromagnetic powder core. 2,307,343; Jan. 5.

- Whipple, Ernest G., Stratford, Conn., assignor to Remington Arms Company, Inc. Projectile. 2,321,344; June 8.
- Whipple, Ernest G., Stratford, Conn., assignor to Remington Arms Company, Inc. Projectile. 2,321,345; June 8.
- Whipple, Ernest G., Stratford, Conn., assignor to Remington Arms Company, Inc. Projectile. 2,327,950; Aug. 24.
- Whisk, Samuel, assignor of one-half to M. Abrams and M. Zippert, Brooklyn, N. Y. Tunable suppressor for filament feedback disturbances. 2,307,979; Jan. 12.
- Whisler, Ralph H. (See Boor, A., Nickelsen, Read, and Whisler, Jr.)
- Whisler, Ralph H., Jr., assignor to Monroe Auto Equipment Company, Monroe, Mich. Hydraulic shock absorber structure. 2,319,924; Apr. 20.
- Whisler, Ralph H., Jr., assignor to Monroe Auto Equipment Company, Monroe, Mich. Double-acting velocity type shock absorber. 2,327,295; Aug. 17.
- Whisler, Ralph H., Jr., assignor to Monroe Auto Equipment Company, Monroe, Mich. Inertia controlled shock absorber. 2,329,803; Sept. 21.
- Whisman, Clarence L. et al. (See Coleman, R. H., and Hunt, assignors.)
- Whisnaut, Ernest E., et al. (See Coleman, R. H., and Hunt, assignors.)
- Whistler, Lawrence V., Kenmore, assignor to H. F. and E. C. Maynes, North Tonawanda, N. Y. Fishing reel spool. 2,309,146; Jan. 26.
- Whitaker, Carl F. (See Asworth, F., and Whitaker.)
- Whitaker, Carl F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe sewing machine. 2,326,272; Aug. 10.
- Whitaker, Carl F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Sewing machine. 2,334,299; Nov. 16.
- Whitaker, Carl F., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Shoe sewing machine. 2,337,631; Dec. 28.
- Whitaker, Charles H., Evanston, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Sheet bowing support for oven conveyers. 2,338,015; Dec. 28.
- Whitaker, Charles R., Kansas City, Mo. Carrier. 2,333,757; Nov. 9.
- Whitaker, James N., Weehawken, N. J., assignor to Radio Corporation of America. Piezoelectric device. 2,307,438; Jan. 5.
- Whitaker, Uneas A. (See Pierce, F. L., White, and Whitaker.)
- Whitechurch, Ellwood E., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Electrical cooker. 2,310,723; Feb. 9.
- Whitecomb, Arthur J., and G. Fox, assignors to Freyn Engineering Company, Chicago, Ill. Blast furnace distributor control. 2,322,406; June 22.
- Whitecomb, Percy E., Elgin, and O. T. McIlvaine, St. Charles, Ill. Laundry table. 2,326,961; June 1.
- Whitecomb, Preston, Bridgeport, and H. S. Moore, Easton, Conn., assignors to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Power transmission mechanism. 2,326,508; Aug. 10.
- White, Albert R., Glendale, Calif. Oil refiner pack. 2,320,990; June 8.
- White, Alexander R., Port Arthur, Ontario, Canada. Removal of bark from trees. 2,324,968; July 20.
- White, Arthur H. (See Reiber, Harry P., assignor.)
- White, Arthur H. (See Reiber, Harry P., and J. B., assignors.)
- White, Aubrey F., et al. (See White, Warren B., assignor.)
- White, Blanche B. (See Seymour, G. W., and White.)
- White Cap Company. (See Davies, Lynn E., assignor.)
- White Cap Company. (See White, Philip O., assignor.)
- White, Cecil J., Minneapolis, Minn. Method and apparatus for handling concrete. 2,315,915; Apr. 6.
- White, Charles, Alameda, Calif. Load guide and protector. 2,320,991; June 8.
- White, Charles H., assignor to Deere & Company, Moline, Ill. Disk harrow. 2,322,333; June 8.
- White, Charles H., assignor to Deere & Company, Moline, Ill. Planter. 2,315,752; Apr. 6.
- White, Charles H., assignor to Deere & Company, Moline, Ill. Disk harrow. 2,318,275; May 4.
- White, Charles H., assignor to Deere & Company, Moline, Ill. Planting and fertilizing means. 2,319,758; May 18.
- White, Charles H., assignor to Deere & Company, Moline, Ill. Planter. 2,322,332; June 22.
- White, Charles H., assignor to Deere & Company, Moline, Ill. Disk harrow. 2,327,834; Aug. 24.
- White, Clara I., et al. (See White, Warren B., assignor.)
- White, Clarence, Walnut Park, assignor to Oil Well Manufacturing Corporation, Los Angeles, Calif. Cylinder liner puller. 2,318,980; May 11.
- White, Clarence R., assignor to Standard Oil Company, Chicago, Ill. Lubricant. 2,316,091; Apr. 6.
- White, Clifford B., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Foam-type fire extinguisher. 2,308,845; Jan. 19.
- White, David E., Cleveland, Ohio. Telephone stand. 2,326,591; Aug. 10.
- White, Deane R. (See Sease, V. B., and White.)
- White, Dennis C., Akron, Ohio. Measuring profiles and contours. 2,319,569; May 18.
- White, Donald J. (See Leonardson, C. S., and White.)
- White, Donald J., Bainbridge, assignor to The Borden Company, New York, N. Y. Seed-meal glue. 2,312,056; Feb. 23.
- White, Earl G., Hobart, Ind. Multiple chain assembly. 2,315,146; Mar. 30.
- White, Elam G. (See King, C. G., and White.)
- White, Ellis R. (See Cattaneo, A. G., and White.)
- White, Ellis R. (See Van Ess, P. R., and White.)
- White, Ellis R., Albany, assignor to Shell Development Company, San Francisco, Calif. Anti-ring-sticking lubricant. 2,320,392; June 1.
- White, Ellis R., Albany, assignor to Shell Development Company, San Francisco, Calif. Lubricating composition. 2,322,184; June 15.
- White, Emory O., Albertville, Ala. Emergency exit bolt. 2,328,936; Sept. 7.
- White, Everett H., St. Paul, Minn. Hydraulic regulator. 2,308,731; Jan. 19.
- White, Everett H., St. Paul, Minn. Air conditioning system. 2,322,405; June 22.
- White, Ezekiel F., West Hartford, Conn. Barrel choke means. 2,335,138; Nov. 23.
- White, Frank L. (See Brooker, L. G. S., and White.)
- White, Frank M., assignor of one-fourth to R. S. Smith, one-fourth to J. K. Shuger, and one-fourth to E. E. Colby, Chicago, Ill. Spring suspension for railway trucks. 2,307,439; Jan. 5.
- White, Fred L., assignor to The Osgood Company, Marion, Ohio. Power transmitting coupling. 2,308,137; Jan. 12.
- White, George, Jr. (See Wickham, H. P., and White.)
- White, George L., assignor to Joseph Bancroft & Sons Co., Wilmington, Del. Fabric finishing machine. 2,314,114; Mar. 16.
- White, Gerald, assignor to Libby-Owens-Ford Glass Company, Toledo, Ohio. Glass tempering. 2,328,404; Aug. 31.
- White, Gerard B., assignor to Mastic Asphalt Corporation, South Bend, Ind. Pallet. 2,330,852; Oct. 5.
- White, Guy. (See Fensch, R. G., and White.)
- White, Harold K., and G. A. Stephen, assignors to Weber E. Metal Works, Chicago, Ill. Hammer mill. 2,308,578; Jan. 19.
- White, Harry B. (See Pierce, F. L., White, and Whitaker.)
- White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,317,570; Apr. 27.
- White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner dirt bag. 2,325,820; Aug. 3.
- White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,325,821; Aug. 3.
- White, Henry W., Houston, Tex. Dashplate compartment taximeter. 2,315,695; Apr. 6.
- White, Howard D. (See Forsthoefel, G. F., and White, assignors.)
- White, Howard D. (See Yoxsimer, O. H., and White.)
- White, Ira M. (See Kyle, S. C., and White.)
- White, Jesse M., Philadelphia, Pa., assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Connecting sleeve. 2,318,647; May 11.
- White, Joe, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Electric horn. 2,326,421; Aug. 10.
- White, Joe, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Horn control system. 2,336,762; Dec. 14.
- White, Joe, Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Control system for automobiles. 2,337,758; Dec. 28.
- White, John E., Lilly, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Igniter. 2,330,768; Sept. 28.
- White, John L., Chattanooga, Tenn. Tent. 2,325,645; Aug. 3.
- White, John W., Van Nuys, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Steering mechanism. 2,308,846; Jan. 19.
- White, John W., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,320,095; Sept. 7.
- White, John W., and R. R. Harrison, assignors, by mesne assignments, to Bendix Aviation, Ltd., North Hollywood, Calif. Tube clamp. 2,331,098; Oct. 5.
- White, John W., and R. R. Harrison, assignors, by mesne assignments, to Bendix Aviation, Ltd., North Hollywood, Calif. Tube clamp. 2,331,258; Oct. 5.
- White, John W., and G. W. Pontius, III, assignors to Bendix Aviation Corporation, South Bend, Ind. Clamping device. 2,332,419; Oct. 19.
- White, Joseph, Concord, near Sydney, Australia, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic empty and load brake equipment. 2,332,620; Oct. 26.
- White, Jud E., Knoxville, Tenn. Telemetric system. 2,318,646; May 11.
- White, Kenneth M., assignor to American Elevator & Machine Company, Louisville, Ky. Variable voltage elevator control. 2,313,607; Mar. 9.
- White, Leon. (See McManamen, T. F., and White.)

- White, Lester M., assignor to Morton White & Co., Vancouver, British Columbia, Canada. Paper roll dispenser. 2,322,969; July 20.
- White, Loyd J., assignor to Southern Steel Company, San Antonio, Tex. Liquefied gas dispensing system. 2,316,495; Apr. 13.
- White, Loyd J., assignor to Southern Steel Company, San Antonio, Tex. Liquefied gas system. 2,326,187; Aug. 10.
- White, Loyd J., assignor to Southern Steel Company, San Antonio, Tex. Combination slip tube gauge and evacuating liquefied gas storage tanks. 2,326,188; Aug. 10.
- White, Loyd J., assignor to Southern Steel Company, San Antonio, Tex. Fuel for gas generating and dispensing systems. 2,327,855; Aug. 24.
- White, Loyd J., assignor to Southern Steel Company, San Antonio, Tex. Servicing underground liquefied petroleum gas tanks during cold weather. 2,331,879; Oct. 19.
- White, Lynt. (See Jones, B., Jr., White, Robert H., and Lynt.)
- White, Marshall J., Marysville, Calif. Bucket tooth unit. 2,325,991; Aug. 3.
- White Mop Wringer Company. (See Elkington, Robert M., assignor.)
- White, Mortimer A., Rochester, N. Y. Fishing rod holder. 2,314,747; Mar. 23.
- White, Mortimer & Co. (See White, Lester M., assignor.)
- White, Owen, Jr., assignor of one-sixth to L. L. Corcoran, Sidney, Iowa. Attachment for cornhuskers. 2,337,702; Dec. 28.
- White, Paul G., Cleveland Heights, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Limit switch and control system combination. 2,328,697; Sept. 7.
- White, Paul W., Waterbury, Conn., assignor to Parva Products Company, Chicago, Ill. Game. 2,313,701; Mar. 9.
- White, Paul W., Waterbury, Conn., assignor to Parva Products Company, Chicago, Ill. Bail buckle. 2,317,571; Apr. 27.
- White, Paul W., Waterbury, Conn., assignor to Parva Products Company, Chicago, Ill. Buckle. 2,334,462; Nov. 16.
- White, Philip O'C., assignor to White Cap Company, Chicago, Ill. Package with opener. 2,311,719; Feb. 23.
- White, Philip O'C., assignor to White Cap Company, Chicago, Ill. Closure and package. 2,326,869; Aug. 17.
- White, Richard E., W. E. Lijstrand, and A. S. Volpin, Houston, Tex., assignors to Mission Manufacturing Company. Flat-top slush pump valve. 2,316,480; Apr. 13.
- White, Richard F., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Corner base cabinet construction. 2,313,690; Mar. 9.
- White, Richard J., assignor to American Can Company, New York, N. Y. Container. 2,307,087; Jan. 5.
- White, Robert H. (See Jones, B., Jr., and White, Robert H. and L.)
- White, S. S., Dental Manufacturing Company, The. (See Angell, Robert C., assignor.)
- White, S. S., Dental Manufacturing Company, The. (See Crowell, W. S., and Birch, assignors.)
- White, S. S., Dental Manufacturing Company, The. (See Gross, Charles V., assignor.)
- White, S. S., Dental Manufacturing Company, The. (See Latimer, George T., assignor.)
- White, Samuel O., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. Re. 22,265; Feb. 9.
- White Sewing Machine Corporation. (See Colegrove, Charles E., assignor.)
- White Sewing Machine Corporation. (See West, William R., assignor.)
- White, Warren B., assignor of one-half to Clara I. White and one-half to A. F. White, North Abington, Mass. Welding and making the same. 2,328,937; Sept. 7.
- White, Will T., and C. H. Zimmerman, Akron, Ohio, assignors to Dzus Fastener Co., Inc., Babylon, N. Y. Fastener assembly. 2,314,746; Mar. 23.
- White, William D., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Colored cellulose film. 2,308,732; Jan. 19.
- White, William D., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing a nonsticking, smooth, flameproof, thin, flexible sheeting. 2,316,496; Apr. 13.
- White, William M., Milwaukee, Wis. Pressure regulator. 2,308,135; Jan. 12.
- White, William M., Milwaukee Wis. Energy absorber. 2,308,136; Jan. 12.
- White, William M., Elkhart, Ind. Bitumen heating kettle. 2,308,733; Jan. 19.
- White, William S., Denver, Colo. Intermittent flow valve. 2,315,570; Apr. 6.
- White, William T., assignor of one-third to W. C. Rastetter, Jr., and one-third to L. C. Rastetter, Fort Wayne, Ind. Clothes drying apparatus. 2,314,748; Mar. 23.
- Whiteaker, Hall W. (See Van Iseghem, Edmond J., assignor.)
- White Castle System, Inc. (See De Villers, Edmund J., assignor.)
- White Castle System, Inc. (See Tansley, Leslie R., assignor.)
- Whitechurch, Philip C. A., Neuilly sur Seine, France; vested in the Alien Property Custodian. Hinged connection, more particularly for binocular optical instruments. 2,315,030; Mar. 30.
- Whitehead, Arthur F., Wollaston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Testing device for use in the application of screw closures. 2,337,951; Dec. 28.
- Whitehead Bros. Rubber Company. (See Welger, Theodore A., assignor.)
- Whitehead, Cecil S. (See Whitehead, Walter J., and Cecil S.)
- Whitehead, Donald. (See Hartley, W. L., and Whitehead.)
- Whitehead, George L., Huntingdon, Pa. Automatized accounting medium. 2,322,678; June 22.
- Whitehead, George W., Springfield, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Molding composition. 2,323,363; July 6.
- Whitehead, Grover F., assignor to Geo. D. Roper Corporation, Rockford, Ill. Combination hinge member and warpage compensator for hinged panels. 2,335,328; Nov. 30.
- Whitehead, Grover F., assignor to Geo. D. Roper Corporation, Rockford, Ill. Hinged sheet metal door construction for cabinets. 2,335,329; Nov. 30.
- Whitehead, Harold, South Orange, assignor to Baker & Company, Inc., Newark, N. J. Spinneret. 2,334,890; Nov. 23.
- Whitehead & Kales Company. (See Huebschman, P., and Stough, assignors.)
- Whitehead, Maurice. (See Prince, J., and Whitehead.)
- Whitehead, Ned, Los Angeles, Calif. Feeding mechanism for multiple printed forms. 2,327,480; Aug. 24.
- Whitehead, Ned, Los Angeles, Calif. Apparatus for preparing laminated articles. 2,329,867; Sept. 21.
- Whitehead, Oscar N. (See Werner, F. H., and Whitehead.)
- Whitehead, Oscar N., and A. Dlouhy, assignors to H. L. Judd Company, Inc., Wallingford, Conn. Festoon ring. 2,329,446; Sept. 14.
- Whitehead, Richard H., assignor to The New Haven Clock Company, New Haven, Conn. Clock. 2,317,322; Apr. 20.
- Whitehead, Thomas, Bellevue, Ky. Polishing or buffing wheel and disks therefor. 2,317,703; Apr. 27.
- Whitehead, Walter J. and C. S., Rochester, England. Temporarily retaining members together. 2,318,548; May 4.
- Whitehead, William A., Preston, England, assignor to The Case Printing Press Company, Chicago, Ill. Rotary printing press. 2,330,321; Sept. 28.
- Whithead, William, Rye, N. Y., assignor to Celanese Corporation of America. Preparation of stiffening material. 2,307,178; Jan. 5.
- Whithead, William, Rye, N. Y., assignor to Celanese Corporation of America. Textile fabric. 2,307,179; Jan. 5.
- Whithead, William, Rye, N. Y., assignor to Celanese Corporation of America. Preparing stiffened fabrics. 2,311,012; Jan. 16.
- Whithead, William, Rye, N. Y., assignor to Celanese Corporation of America. Apparatus for preparing stiffened fabrics. 2,311,013; Feb. 10.
- Whithead, William, Rye, N. Y., assignor to Celanese Corporation of America. Treatment of textile yarns and filaments. 2,318,120; May 4.
- Whithead, William, Rye, N. Y., assignor to Celanese Corporation of America. Preparation of laminating fabric. 2,326,189; Aug. 10.
- Whithead, William, Rye, N. Y., assignor to Celanese Corporation of America. Preparation of laminating fabric. 2,326,190; Aug. 10.
- Whithead, William, Rye, N. Y., assignor to Celanese Corporation of America. Belting. 2,330,253; Sept. 28.
- Whithead, William, Rye, N. Y., assignor to Celanese Corporation of America. Article of manufacture. 2,330,254; Sept. 28.
- Whiteley, Austyn L., and B. G. Higgins, Rugby, England, assignors to General Electric Company. Electric welding system. 2,315,916; Apr. 6.
- Whiteley, Edward O., New York, N. Y. Cigarette. 2,307,088; Jan. 5.
- Whiteman, Marvin E., Los Angeles, Calif. Screed support. 2,331,949; Oct. 19.
- Whiteman, Marvin E., Los Angeles, Calif. Tamping roller. 2,334,973; Nov. 23.
- Whiteley, Harold. (See Copp, P., and Whiteley.)
- Whiteman, Roy D., Piedmont, Kans. Collapsible building. 2,323,106; June 29.
- Whifen, William R., Toccoa, Ga. Hand fertilizer distributor. 2,337,952; Dec. 28.
- White Swan Uniforms, Inc. (See Saveth, Louise R., assignor.)
- Whitfield, Ira, Boston, Mass. High-speed bolt diestock. 2,313,411; Mar. 23.
- Whitfield, Marshall G., Knoxville, Tenn., assignor to Reynolds Metals Company, New York, N. Y. Anode. 2,310,561; Feb. 9.
- Whitfield, Marshall G., Louisville, Ky., assignor to Reynolds Metals Company, New York, N. Y. Coating wire. 2,325,156; July 27.
- Whitford, A. A. (See Spicer, Harold W., assignor.)

- Whitin Machine Works. (See Kelliher, Francis B., assignor.)
- Whitin Machine Works. (See Schlums, Otto W., assignor.)
- Whiting Corporation. (See Hokanson, E. C., and Bock, assignors.)
- Whiting Corporation. (See Holmes, Louis D., assignor.)
- Whiting Corporation. (See Ortgies, Raymond C., assignor.)
- Whiting Corporation. (See Pearl, William A., assignor.)
- Whiting, E. B. & A. C. Company. (See Lundgren, Eric, assignor.)
- Whiting, Edmund W., Chicago, Ill. Fuel tank. 2,309,813; Feb. 2.
- Whiting, Eugene L., Upton, assignor to Draper Corporation, Hopdale, Mass. Abrading wheel. 2,307,312; Jan. 5.
- Whiting, Richard R., Norwood, Ohio. Picture display. 2,322,078; June 15.
- Whiting, William S., Jr., Canton, N. C. Door handle locking device. 2,331,150; Oct. 5.
- Whitlock, Carl H. (See Lohrand, W. Q., and Whitlock.)
- Whitlock, Donald E. (See Keuffel, A. W., and Whitlock.)
- Whitlock, Howard W., San Diego, Calif., assignor to Claude R. Wikard, as Secretary of Agriculture of the United States, and his successors in office. Principal point selector. 2,333,134; Nov. 2.
- Whitlow, John B., Cincinnati, Ohio. Automatic transmission. 2,310,724; Feb. 9.
- Whitman, Harlan M., West Hartford, assignor to Curtis 1000 Incorporated, Hartford, Conn. Envelope. 2,317,335; Apr. 20.
- Whitman, Hyman L., East Bridgewater, assignor to C. S. Pierce Company, Brockton, Mass. Measuring device. 2,317,321; Apr. 20.
- Whitman, Vernon E. (See Smith, B. L., and Whitman.)
- Whitman, Vernon E., assignor to The Polmer Graftex Corporation, Rochester, N. Y. Tripod particularly applicable to photographic cameras. 2,333,501; Nov. 2.
- Whittner, Lewis W., Columbus, Ohio. Truck for trailer vehicles. 2,325,822; Aug. 3.
- Whitney Blake Company, The. (See Judisch, Carl H., assignor.)
- Whitney, Gilbert C., Jr., assignor to Foster Wheeler Corporation, New York, N. Y. Vapor generator. 2,312,375; Mar. 2.
- Whitney, John B., Highland Park, N. J., assignor to National Lead Company, New York, N. Y. Seal for rotary kilns. 2,334,663; Nov. 16.
- Whitney, Kenneth B., Toronto, Ontario, Canada. Foot exercising apparatus. 2,311,274; Feb. 16.
- Whitney, Mark O., Southington, Conn. Deck anchor hoist. 2,333,836; Nov. 9.
- Whitney, Ralph T., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake device. 2,322,079; June 15.
- Whitney, Ralph T., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Cooling device. 2,337,789; Dec. 28.
- Whitney, Willis R. (See Gordon, N. T., and Whitney.)
- Whitt, Sidney A., Buffalo, and S. Przyborowski, Tonawanda, assignors to Pedders Manufacturing Company, Inc., Buffalo, N. Y. Direct surface intercooler. 2,317,572; Apr. 27.
- Whittaker, Charles C., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical switching apparatus. 2,310,138; Feb. 2.
- Whittaker, Charles C., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ventilated resistor. 2,323,743; July 6.
- Whittaker, Donald, Northwich, England, assignor to Imperial Chemical Industries Limited. Halogenated polymers of ethylene. 2,316,481; Apr. 13.
- Whittaker, Edward H., Jersey City, N. J. Fluorescent lamp. 2,323,172; June 29.
- Whittaker, Edward H., Jersey City, N. J. Hot metal ladle. 2,336,518; Dec. 14.
- Whittaker, Harry M., assignor to Micromatic Hone Corporation, Detroit, Mich. Fluid actuated head for abrading elements. 2,323,433; July 6.
- Whittaker, John D. (See Van Horn, O. F., and Whittaker.)
- Whittaker, John R., Babylon, assignor to Automatic Appliance Corporation, New York, N. Y. Magazine for firearms. 2,321,720; June 15.
- Whittall, Julian J. (See Haag, Joseph, assignor.)
- Whitted, John B., Evanston, assignor to Stewart-Warner Corporation, Chicago, Ill. Windshield wiper. 2,324,894; July 20.
- Whitted, John B., Glencoe, assignor to Stewart-Warner Corporation, Chicago, Ill. Electric windshield wiper. 2,332,123; Oct. 19.
- Whittemore, Edwin C. (See Monroe, F. B., and Whittemore.)
- Whittemore, John W., Blacksburg, and C. R. Oberfell, Lynchburg, Va., assignors to The Mead Corporation, Chillicothe, Ohio. Ceramic. 2,326,729; Aug. 10.
- Whitten, Owen M., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake construction. 2,307,652; Jan. 5.
- Whitten, Owen M., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake construction. 2,331,259; Oct. 5.
- Whitten, Owen M., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake construction. 2,334,053; Nov. 9.
- Whittenberger, Harry C. T., Louisville, Ky. Water cooler. 2,330,463; Sept. 28.
- Whittenberger, Charles D., Akron, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Broom rake. 2,313,691; Mar. 9.
- Whittier, Charlton P. (See Hohl, J., Bjering, Whittier, and Lakso.)
- Whittier, William A., Kenilworth, and J. B. Stucker, assignors to The Pure Oil Company, Chicago, Ill. Halogenated aliphatic lubricant additive. 2,316,925; Apr. 20.
- Whittington, James A., Evanston, Ill. Control device. 2,310,582; Feb. 9.
- Whittle, Orville F., Miami, Fla., assignor to Rotobowling Corporation. Game apparatus. 2,329,963; Sept. 21.
- Whitworth, Sir W. G. Armstrong, Aircraft Limited. (See Lloyd, John, assignor.)
- Wholton, Fred, Croft, near Leicester, assignor to Courtaulds Limited, London, England. Thread tensioning apparatus. 2,326,714; Aug. 10.
- Wholton, Fred, Croft, near Leicester, assignor to Courtaulds Limited, London, England. Thread tensioning apparatus. 2,331,261; Oct. 5.
- Whorton, Leo H., and Ralph L. Minshall, Donna; said Minshall assignor to J. R. Humington, Bexar County, Tex. Toothpick dispenser. 2,319,570; May 18.
- Whyland, Frank V., Bronx, N. Y. Tap. 2,330,099; Sept. 21.
- Whytock, John. (See Priessman, N. Y., and Whytock.)
- Whyzmuzis, Paul, assignor, to Interchemical Corporation, New York, N. Y. Etching solution for lithographic plates. 2,333,221; Nov. 2.
- Wibbels, Harvey, Bejou, Minn. Road scraper. 2,333,837; Nov. 9.
- Wiberg, Oscar A. (See Ax, G. B. Grunewald, Wiberg, and Oman.)
- Wiberg, Oscar A., Finspong, Sweden. Elastic fluid turbine. 2,307,716; Jan. 5.
- Wiberg, Oscar A., Finspong, Sweden. Elastic fluid turbine. 2,309,878; Feb. 2.
- Wicaco Machine Corporation, The. (See Laird, Joseph P., assignor.)
- Wichita Casket Company, The. (See Allshouse, H. A. Button and Frazier, assignors.)
- Wichita Wire & Iron Company. (See Erickson, David, assignor.)
- Wichita Wire & Iron Company. (See Thomas, E. B., and Erickson, assignor.)
- Wichner, Henry E., Brookfield Township, Trumbull County, Ohio. Duct for air conditioning systems. 2,330,769; Sept. 28.
- Wick, James L., Jr., and L. M. Nesselbush, assignors to The Falcon Bronze Company, Youngstown, Ohio. Cooling plate for blast furnace inwalls and mantles. 2,319,571; May 18.
- Wick, Richard L., Allentown, Pa. Plating cradle. 2,323,952; July 13.
- Wicker, Charles R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Removing lead sulphate from titanium salt solutions. 2,326,592; Aug. 10.
- Wickerham, William R., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Synchronous motor control. 2,310,139; Feb. 2.
- Wickersham, Newton W., Whittier, Calif. assignor, by mesne assignments, to Halliburton Oil Well Cementing Company. Well cementing apparatus. 2,310,483; Feb. 9.
- Wickes Bros. (See Floeter, Frederick S., assignor.)
- Wickham, Henry P., Glen Head, and M. M. Perkins, Brooklyn, assignors to The M. W. Kellogg Company, New York, N. Y. Apparatus for hydrocarbon alkylation. 2,311,144; Feb. 16.
- Wickham, Henry P., New York, N. Y., and G. White, Jr., Summit, N. J., assignors to Standard Oil Company, Chicago, Ill. Continuous dewaxing. 2,319,381; May 18.
- Wickham, Parker B., Delavan, Wis., assignor, by mesne assignments, to George W. Borg Corporation, Chicago, Ill. Single phase to polyphase converter. 2,333,502; Nov. 2.
- Wickler, Herbert, Berlin-Hohenschonhausen, and H. Heymann, Berlin-Lankwitz, Germany, assignors to General Electric Company. Control for runout tables of reversing mills. 2,322,080; June 15.
- Wickliffe, Charles A., Washington, D. C. Apparatus for recording and reproducing sound. 2,313,790; Mar. 16.
- Wicklow, Nestor E., New York, N. Y. Submarine salvaging and lifesaving apparatus. 2,338,067; Dec. 28.
- Wickman, Violet, Omaha, Nebr. Retaining device. 2,332,035; Oct. 19.
- Wicks, John D., assignor to Accessories Corporation, Gastonia, N. C. Filter replacement unit. 2,334,664; Nov. 16.
- Wickstrom, Arvid, Minneapolis, Minn. Fastener. 2,309,721; Feb. 2.
- Wickstrom, Harry L., Denver, Colo., assignor to Line Material Company, Milwaukee, Wis. House-end service attachment. 2,336,144; Dec. 7.

- Wico Electric Company. (See Atwood, R. V., and Smart, assignors.)
- Widder, J. & Co. (See Weinger, Irving, assignor.)
- Widder, J., & Co. (See Widder, S., and Weinger, assignors.)
- Widder, Samuel, and I. Weinger, assignors to J. Widder & Co., New York, N. Y. Index directory. 2,310,725; Feb. 9.
- Widhowsan, Edgar E., Bellefonte, Pa. Hedge shears. 2,337,285; Dec. 21.
- Widell, Emil G., Bloomfield, N. J., assignor to Radio Corporation of America. Electrode wire. 2,323,173; June 29.
- Widell, Magnus E., Cincinnati, Ohio, assignor to American Can Company, New York, N. Y. Conveyor. 2,319,280; May 18.
- Widger, Max C., Corvallis, Oreg. Deseeding and cleaning machine. 2,313,791; Mar. 16.
- Widiger, Walter. (See Claspill, O. W., and Widiger.)
- Widlin, Edgar F., Garwood, N. J. Automobile tire. 2,329,904; Sept. 21.
- Widman, Charles H., assignor to The Murray Corporation of America, Detroit, Mich. Tub construction. 2,322,407; June 22.
- Widman, Charles H., Detroit, and N. C. Clark, Pleasant Ridge, assignors to The Murray Corporation of America, Detroit, Mich. Seat construction. 2,311,145; Feb. 16.
- Widmann, Will, assignor to Ralph L. Skinner, Detroit, Mich. Cleanable multiple filter. 2,333,609; Nov. 2.
- Widmer, Gustave, and W. Fisch, Basel, Switzerland, assignors, by mesne assignments, to Ciba Products Corporation, Dover, Del. Triazine-aldehyde condensation product. 2,310,004; Feb. 2.
- Widmer, Gustave, Basel, and W. Fisch, Muttens, near Basel, Switzerland, assignors, by mesne assignments, to Ciba Products Corporation, Dover, Del. Azomethine-aldehyde binding agents. 2,318,121; May 4.
- Widmer, Gustave, Basel, and A. Rupert, Aarau, Switzerland, assignors, by mesne assignments, to Ciba Products Corporation, Dover, Del. Improving fastness of dyes. 2,322,333; June 22.
- Widmer, Gustave, Basel, and W. Fisch, Binningen, Switzerland, assignors, by mesne assignments, to Ciba Products Corporation, Dover, Del. Mixed aldehyde condensation products and making same. 2,328,592; Sept. 7.
- Widmer, Gustave, Basel, and W. Fisch, Binningen, Switzerland, assignors to Ciba Products Corporation, Hoboken, N. J. Mixed aldehyde condensation products and making same. 2,328,593; Sept. 7.
- Widmer, Gustave, Basel, and W. Fisch, Binningen, Switzerland, assignors, by mesne assignments, to the firm Ciba Products Corporation, Dover, Del. Aldehyde condensation products and making same. 2,331,146; Oct. 12.
- Widmer, Jules A., assignor to Taylor Instrument Companies, Rochester, N. Y. Damping and cushioning arrangement for measuring instruments. 2,316,593; Feb. 9.
- Widmer, Jules A., assignor to Taylor Instrument Companies, Rochester, N. Y. Instrument case and the like. 2,320,992; June 8.
- Wibald, Alolph C. (See Douglas, R. C., and Wibald.)
- Wied, Julius P., East Cleveland, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Suction cleaner. 2,336,710; Dec. 14.
- Wiedemeyer, Henry J. (See Pearson, H. N., and Wiedemeyer.)
- Wiedemeyer, Henry J. (See Pearson, H. N., Wiedemeyer and Walsh.)
- Wieden, Herbert J., assignor to Pacific Railway Equipment Company, Los Angeles, Calif. Refrigerator system for cars and the like. 2,324,749; July 20.
- Wiedenhofer, Edgar P., Houghton, Mich., assignor to the State of Michigan, as represented by the Office of the Secretary of State, and/or his successors. Subaqueous chemical apparatus. 2,330,164; Sept. 21.
- Wiedmann, Ernest, assignor to The Oilgear Company, Milwaukee, Wis. Control for hydrodynamic machines. 2,324,750; July 20.
- Wiegand, Carl J. (See Holmes, J. Q., and Wiegand.)
- Wiegand, David E., Zanesville, Ohio, assignor to Line Material Company, South Milwaukee, Wis. Making transformers. 2,313,306; Mar. 9.
- Wiegand, Edwin L. (See Horsfield, Basil, assignor.)
- Wiegand, Edwin L., Pittsburgh, Pa. Valve means. 2,315,031; Mar. 30.
- Wiegand, Edwin L., Pittsburgh, Pa. Electric heating. 2,322,988; June 29.
- Wiegand, Edwin L., assignor to Orefraction Incorporated, Pittsburgh, Pa. Processing of materials. 2,328,240; Aug. 31.
- Wiegand, Edwin L., assignor to Edwin L. Wiegand Company, Pittsburgh, Pa. Electrical heating element. 2,330,652; Sept. 28.
- Wiegand, Edwin L., Company. (See Wiegand, Edwin L., assignor.)
- Wiegman, Clarence H., Williamsport, Pa., assignor, by mesne assignments, to The Aviation Corporation, New York, N. Y. Internal combustion engine for aircraft. 2,311,146; Feb. 16.
- Wiegman, Floyd A., and G. R. Young, Chicago, Ill., assignors to The Prosperity Company, Inc., Syracuse, N. Y. Sleeve ironing press. 2,311,275; Feb. 16.
- Wiegmann, Edwin C., and W. G. Trumbower, Philadelphia, and C. B. Moore, Carroll Park, assignors to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,315,682; Apr. 6.
- Wieland, Reinhold. (See Friederich, A., and Wieland.)
- Wiener, Henry, Dow City, Iowa. Sectional rigid wagon cover. 2,312,512; Mar. 2.
- Wiener, Charles, Newark, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Making lamp stems. 2,318,652; May 11.
- Wiener, Charles, Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge lamp and stem therefor. 2,318,653; May 11.
- Wieners, Franz. (See Mieg, W., and Wieners.)
- Wiesener, Christopher E., assignor to Duralmetallic Corporation, Kalamazoo, Mich. Regulator valve. 2,309,229; Jan. 26.
- Wiesner, Christopher, assignor to Duralmetallic Corporation, Kalamazoo, Mich. Pressure system for liquid seal shaft packings and the like. 2,328,698; Sept. 7.
- Wiest, Georg, Ludwigshafen-on-the-Rhine, Germany; vested in the Alien Property Custodian. Keto carboxylic acid. 2,323,370; Aug. 31.
- Wiest, Walter, and E. Winkler, Stuttgart-Unterturkheim, Germany; vested in the Alien Property Custodian. Washing machine. 2,320,689; June 1.
- Wigman, David R., West Grove, Pa., assignor to Hercules Powder Company, Wilmington, Del. Phonograph record. 2,313,186; Mar. 9.
- Wigman, David R., West Grove, Pa., assignor to Hercules Powder Company, Wilmington, Del. Composition of matter. 2,326,810; Aug. 17.
- Wigman, David R., West Grove, Pa., and W. Koch, assignors to Hercules Powder Company, Wilmington, Del. Brush comprising plastic mass. 2,326,811; Aug. 17.
- Wigman, David R., West Grove, Pa., and W. Koch, assignors to Hercules Powder Company, Wilmington, Del. Injection molding powder. 2,326,812; Aug. 17.
- Wiggen, Mehmet, Baytown, Tex., assignor to Standard Oil Development Company. Refining of mineral oils. 2,332,284; Oct. 19.
- Wiggermann, Georg, Gladbach-Rheydt, Germany; vested in the Alien Property Custodian. Warming machine. 2,308,663; Jan. 16.
- Wiggins, John H., Chicago, Ill. Gauging apparatus for liquid containers. Re. 2,236,7; Aug. 17.
- Wiggins, John H., Chicago, Ill. Tank roof drain. 2,313,855; Mar. 16.
- Wiggins, John H., Chicago, Ill. Side wall shoe supporting means for floating tank roof seals. 2,313,856; Mar. 16.
- Wiggins, John H., Chicago, Ill. Floating tank roof seal. 2,314,505; Mar. 23.
- Wiggins, John H., Chicago, Ill. Seal for floating tank roofs. 2,318,134; May 4.
- Wiggins, John H., Chicago, Ill. Seal for floating tank roofs. 2,318,135; May 4.
- Wiggins, John H., Chicago, Ill. Floating roof for liquid storage tanks. 2,321,658; June 8.
- Wiggins, John H., Chicago, Ill. Side wall seal for floating tank roofs. 2,327,083; Aug. 17.
- Wiggins, John H., Chicago, Ill. Breather type storage apparatus for gases and volatile liquids. 2,327,084; Aug. 17.
- Wiggins, John H., Chicago, Ill. Breather type tank. 2,327,085; Aug. 17.
- Wiggins, John H., Chicago, Ill. Side wall seal for floating tank roofs. 2,329,965; Sept. 21.
- Wiggins, John H., Chicago, Ill. Floating tank roof seal. 2,329,966; Sept. 21.
- Wiggins, John H., Chicago, Ill. Supporting structure for floating tank roofs. 2,329,967; Sept. 21.
- Wiggins, John H., Chicago, Ill. Gas holder. 2,337,010; Dec. 14.
- Wiggins, John H., Chicago, Ill. Gas and liquid storage apparatus. 2,337,286; Dec. 21.
- Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Coded track circuit signaling system. 2,328,241; Aug. 31.
- Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,330,532; Sept. 28.
- Wiglesworth, Victor T., et al. (See Allen, Charles L., assignor.)
- Wilton, Matt H., assignor to The Bastian-Blessing Company, Chicago, Ill. Mixing and burning fuel. 2,335,330; Nov. 30.
- Witon, Paul L., assignor to Morse Bros. Machinery Company, Denver, Colo. Classifier. 2,324,549; July 20.
- Wik, Simon N. (See Engs, W., and Wik.)
- Wikarski, Stefan, Warsaw, Poland; vested in the Alien Property Custodian. Apparatus for effecting smokeless combustion. 2,310,903; Feb. 8.
- Wikle, George F. (See Moore, O. B., Havens, and Wikle.)
- Wikle, George F., Grosse Pointe, Mich., assignor to United States Rubber Company, New York, N. Y. Apparatus for stacking sheet material. 2,323,174; June 29.
- Wikle, George F., Grosse Pointe, Mich.; assignor to United States Rubber Company, New York, N. Y. Buffering machine. 2,323,144; July 6.

- Wibanks, Early A., Buford, Ga. Multiple check. 2,310,332; Feb. 9.
- Wilber, Harold A., Decatur, Ill. Automobile window screen. 2,307,477; Jan. 5.
- Wilbur, Oscar J. (See Guthrie, R. G., and Wilbur.)
- Wilbur, Donald A., assignor to W. & L. E. Gurley, Troy, N. Y. Speed indicator. 2,325,927; Aug. 3.
- Wilbur, William K. (See Nelms, G. C., Coggeshall, Berry, and Wilbur.)
- Wilburn, John L., Texarkana, Tex. Fishhook and lure keeper. 2,332,036; Oct. 19.
- Wilckens, Elbe A. (See Goebel, G., and Wilckens.)
- Wilcock, Clifford C., Salford, and C. P. Tattersfield, Audenshaw near Manchester, assignors to Courtaulds Limited, London, England. Treatment of cellulosic materials. 2,316,037; Apr. 6.
- Wilcock, Donald F., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Purification of naphthalene. 2,321,117; June 8.
- Wilcox, C. A., et al. (See Behrens, Phillip H., assignor.)
- Wilcox, Everett, Hyattsville, Md. Device for handling incendiary bombs. 2,315,831; Apr. 6.
- Wilcox-Gay Corporation. (See Gay, Paul S., assignor.)
- Wilcox, George R., assignor to Millers Falls Company, Greenfield, Mass. Tool handle. 2,337,514; Dec. 24.
- Wilcox, Harry L., assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Hoist control system. 2,325,454; July 27.
- Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Bottle capping machine. 2,312,141; Feb. 23.
- Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Sealing structure for containers. 2,323,505; July 6.
- Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Package for granular material. 2,332,768; Oct. 26.
- Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Container. 2,336,763; Dec. 14.
- Wilcox, Mary P., executrix. (See Wilcox, William D.)
- Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Paper container blank. 2,335,202; Nov. 23.
- Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Feed stop. 2,310,823; Feb. 9.
- Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Feed mechanism. 2,311,903; Feb. 23.
- Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Chip control mechanism. 2,315,994; Apr. 6.
- Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Chip control mechanism. 2,317,320; Apr. 20.
- Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Cutoff and transfer mechanism. 2,318,825; May 11.
- Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Shaft driving mechanism. 2,326,273; Aug. 10.
- Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Upsetting mechanism. 2,327,479; Aug. 24.
- Wilcox, Richard L., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Transfer mechanism. 2,328,699; Sept. 7.
- Wilcox, Roy M., Toronto, Ontario, Canada. Electric secondary clock. 2,336,519; Dec. 14.
- Wilcox, Russell L., Brookfield, assignor to Herbert C. Johnson, Wilmette, Ill. Automatic phonograph. 2,327,753; Aug. 24.
- Wilcox, Vincent A., Modesto, assignor to The Pneumatic Shear Company, Turlock, Calif. Motor for sheep shearing devices. 2,322,619; June 22.
- Wilcox, Wayne G. (See Smith, M. A., and Wilcox.)
- Wilcox, William D., Pekin, Ill., deceased; M. P. Wilcox, executrix, assignor to Oil and Gas Research, Inc., Wilmington, Del. Making carbon black and mixtures of carbon monoxide and hydrogen from hydrocarbon gases. 2,322,989; June 29.
- Wilcox, William H., assignor to California Cedar Products Company, Stockton, Calif. Contact glove. 2,311,276; Feb. 16.
- Wilcox, William H., Stockton, Calif., assignor to California Cedar Products Company. Apparatus for conveying and treating articles. 2,334,074; Nov. 23.
- Wilczynski, Stanley A. (See Senesac, Adolor T., assignor.)
- Wild, Albert F., Scotia, N. Y., assignor to General Electric Company. Dehydrating compartment. 2,311,425; Feb. 16.
- Wild, Albert F., Erie, Pa., assignor to General Electric Company. Refrigeration apparatus. 2,317,840; Apr. 27.
- Wild, Glenn Donald, assignor of one-half to M. Clear, Cleveland, Ohio. Finishing metal parts. 2,336,145; Dec. 7.
- White, James M., Philadelphia, Pa. Pan greasing brush. 2,311,961; June 15.
- Whitebor, George A., Harrisonville, Mo. Razor. 2,323,745; July 6.
- Wilder, Arthur L. (See Knowles, C., and Wilder.)
- Wilder, Austin B. (See Risk, T. H., Henderson, and Wilder.)
- Wilder, Harold F., Wyckoff, N. J., and A. W. Breyfogel, Howard Beach, assignors to The Western Union Telegraph Company, New York, N. Y. Electronic regenerative repeater. 2,333,281; Nov. 2.
- Wilder, Harvey H., Kansas City, Mo. Pantograph. 2,332,880; Oct. 26.
- Wilder, Lot S. (See Fierke, S. S., Vittum and Wilder, assignors.)
- Wilder, Reuben M., Hayward, Calif. Electrically operated garage door. 2,315,571; Apr. 6.
- Wilders, George, Kegworth, and W. G. Macdonald, assignors to William Cotton Limited, Loughborough, England. Straight bar knitting machine. 2,331,447; Oct. 12.
- Wilders, George, Kegworth, and J. E. Lynam, Mapperley, assignors to William Cotton Limited, Loughborough, England. Knitting machine. 2,333,063; Oct. 26.
- Wilders, George, Kegworth, and W. G. Macdonald, assignors to William Cotton Limited, Loughborough, England. Stop mechanism particularly for straight bar knitting machines. 2,335,095; Nov. 23.
- Wilderson, Eli, assignor to Ditto, Incorporated, Chicago, Ill. Moistening means for duplicating machines. 2,307,555; Jan. 5.
- Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Gear. 2,308,558; Jan. 19.
- Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Relief-grinding cutters. 2,308,734; Jan. 19.
- Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Producing gears. 2,310,484; Feb. 9.
- Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Producing gears. 2,324,182; July 13.
- Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Method of cutting gears, splined shafts, and the like. 2,327,296; Aug. 17.
- Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Cutter for producing gears. 2,329,804; Sept. 21.
- Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Method and apparatus for relieving cutters. 2,332,420; Oct. 19.
- Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Method and machine for relieving cutters. 2,332,421; Oct. 19.
- Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Producing face clutches. 2,334,366; Nov. 16.
- Wildhaber, Ernest, Irondequoit, assignor to Gleason Works, Rochester, N. Y. Cutter for and method of cutting gears. 2,315,147; Mar. 30.
- Wildhaber, Ernest, Brighton, and L. O. Carlsen, assignors to Gleason Works, Rochester, N. Y. Dressing mechanism. 2,311,302; Feb. 16.
- Wildt and Company Limited. (See Holmes, H. H., and Saunders, assignors.)
- Wileman, George N., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Drive mechanism for sludge collectors. 2,307,556; Jan. 5.
- Wilen, Charles H., Brooklyn, N. Y. Swimmer's mask. 2,317,237; Apr. 20.
- Wilen, Charles H., and A. Kramarenko, Nice, France; vested in the Allen Property Custodian. Breathing apparatus for swimmers. 2,317,236; Apr. 20.
- Wiles, Russell, assignor to Russell Wiles, Jr., Chicago, Ill. Wind indicator for rifle shooting. 2,313,608; Mar. 9.
- Wiles, Russell, Jr. (See Wiles, Russell, assignor.)
- Wiley, Bryce R., Des Moines, Iowa. Erosion check dam. 2,318,349; May 4.
- Wiley, Edward T., Auburn, N. Y. Portable fire escape. 2,323,883; July 13.
- Wiley, Edwin G., Hammond, Ind., L. A. Groshans, Chicago, Ill., and C. P. McNeil, Whiting, Ind., assignors to Standard Oil Company, Chicago, Ill. Sulphuric acid concentration. 2,325,566; July 27.
- Wiley, Esmond F., assignor to Universal Window Company, Berkeley, Calif. Window sash control mechanism. 2,330,533; Sept. 28.
- Wiley, James M., Memphis, Tenn. Combined cultivator and harrow. 2,318,981; May 11.
- Wiley, Kate, Lake City, Minn. Underskirt attachment. 2,315,832; Apr. 6.
- Wiley, Lee M., assignor of one-third to J. T. Lett and one-third to R. B. Wiley, Marion, Ind. Sheet pulp containing forming apparatus. 2,337,581; Dec. 28.
- Wiley, Lonzo B., Huntington, W. Va. Cabinet ironing board. 2,333,222; Nov. 2.
- Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Storage of supercooled normally crystalline polymeric material. 2,320,112; May 25.
- Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Fabrication of crystalline polymers. 2,329,571; Sept. 14.
- Wiley, Ralph B., McKeesport, Pa., assignor to National Tube Company. Seamless tube reeling. 2,334,853; Nov. 23.
- Wiley, Reedy B., et al. (See Wiley, Lee M., assignor.)
- Wiley, Richard H. (See Hanford, W. E., and Wiley.)

- Wiley, Richard H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Interpolymides. 2,336,824; Dec. 14.
- Wiley, William R. (See Brown, Robert L., assignor.)
- Wiley, William R., Birmingham, Mich. Clip construction. 2,330,770; Sept. 28.
- Wilfert, Karl. (See Barenji, R., and Wilfert.)
- Wilhelm, Joseph F., Madison, Wis. Tank gauge. 2,316,377; Apr. 13.
- Wilhelm, Kurt E. (See Howe, E. W., and Wilhelm.)
- Wilhelm, Kurt E., Providence, R. I., assignor to United States Rubber Company, New York, N. Y. Thread tensioning mechanism. 2,315,306; Mar. 30.
- Wilhide, Glenn C., Towson, Md., assignor to The Black and Decker Manufacturing Company, Portable sheet metal cutting tool. 2,318,982; May 11.
- Wilhide, Glenn C., Baltimore County, assignor to The Black and Decker Manufacturing Company, Towson, Md. Pinney, Shaker Heights, Ohio. Boiler construction. 2,320,113; May 25.
- Wilke, William P., III, Sparrows Point, and De M. M. Eastline, Dundalk, Md., assignors to Bethlehem Steel Company, Lubricating cold reducing mills. 2,310,563; Feb. 9.
- Wilkinson, Jefferson R. (See Rea, W. T., and Wilkinson.)
- Wilkinson, Thomas L., Toccoa, Ga., assignor to American Cyanamid Company, New York, N. Y. Defoliation. 2,329,680; Sept. 14.
- Wilkinson, Victor O. (See Miller, A. E., and Wilkinson.)
- Wilkes, Benjamin G., and H. E. Wassell, Pittsburgh, Pa., assignors to Carbide and Carbon Chemicals Corporation, Tollet preparation. 2,309,722; Feb. 2.
- Wilkes, Turward O. (See Holloway, F. A. L., and Wilkes.)
- Wilkey, John E. (See Palm, J. V. O., Anthony, and Wilkey.)
- Wilkie, James W., assignor to Continental Machines, Incorporated, Minneapolis, Minn. Metal cutting saw band. 2,318,540; May 4.
- Wilkie, Leighton A., Libertyville, Ill. Sawing apparatus. 2,311,426; Feb. 16.
- Wilkie, Leighton A., assignor to The Deall Co., Inc., Los Plaines, Ill. Saw band and lubricating the same. 2,328,869; Sept. 7.
- Wilkie, Robert J., assignor to Continental Machines, Incorporated, Minneapolis, Minn. Band saw package. 2,310,140; Feb. 2.
- Wilkins, Frederick J. (See Franklin, R. G., and Wilkins.)
- Wilkins, Gordon E., Oakland, Calif. Speed governor. 2,336,204; Dec. 7.
- Wilkins, Harold B. (See Ogden, J., and Wilkins.)
- Wilkinson, Bernard, London, and W. D. Douglas, Farnborough, England; said Wilkinson assignor to The Wilkinson Process Rubber Company, Limited, Kuala Lumpur, Selangor, Federated Malay States. Petrol and like pipes for use in aircraft. 2,308,342; Jan. 12.
- Wilkinson, Bernard, London, and G. Standen, Hampshire; said Wilkinson assignor to Wilkinson Rubber Linatex, Limited, London, England. Self-sealing petrol pipe. 2,308,343; Jan. 12.
- Wilkinson, Clarence E., Port Neches, Tex., assignor, by mesne assignments, to The Texas Company, New York, N. Y. Apparatus for saturating roofing felt. 2,319,582; May 18.
- Wilkinson, George D., Oak Park, and N. Shepell, assignors to Cribben and Sexton Company, Chicago, Ill. Oven drawer and door mechanism. 2,319,651; May 18.
- Wilkinson, Herbert. (See Hamlin, Jerome J., assignor.)
- Wilkinson, James W., Providence, R. I., assignor to Fram Corporation, Machine for treating the edges of casing. 2,312,225; Feb. 23.
- Wilkinson, James W., Providence, R. I., assignor to Fram Corporation, Connector for sections of filter cartridges. 2,313,307; Mar. 9.
- Wilkinson, Michael A., Oswego, assignor to Stakmore Co., Inc., New York, N. Y. Table construction. 2,308,256; Jan. 12.
- Wilkinson, Nathan. (See Anderson, H. R., Wilkinson, and Ray.)
- Wilkinson, Paul H., South Gate, Calif. Building construction. 2,309,147; Jan. 26.
- Wilkinson Process Rubber Company, The. (See Wilkinson, B., assignor, and Douglas.)
- Wilkinson Rubber Linatex, Limited. (See Wilkinson, B., assignor, and Standen.)
- Wilkoif, Arthur E., Youngstown, assignor to Youngstown Steel Car Corporation, Niles, Ohio. Tunnel liner segment. 2,333,908; Nov. 9.
- Wilkoif, Howard M., Worcester, Mass. Ignition harness. 2,322,903; June 29.
- Will, Carl H., Winnetka, assignor to Tropic-Aire, Incorporated, Chicago, Ill. Chair or seat structure, and upholstery assembly therefor. 2,311,104; Feb. 16.
- Will, Carl H., Winnetka, assignor to Tropic-Aire, Incorporated, Chicago, Ill. Chair or seat structure, and control for seat back-adjusting mechanism thereof. 2,311,105; Feb. 16.
- Will, Carl H., Winnetka, and B. F. Monroe, assignors to Tropic-Aire, Incorporated, Chicago, Ill. Ash handling device. 2,323,884; July 13.
- Williaman, John J., Plymouth Meeting, C. F. Woodward, Abington, and C. O. Budgett, Glenside, Pa., assignors to Claude R. Wickard as secretary of agriculture of the United States of America, and his successors in office. Catalytic vapor-phase oxidation of nicotine to nicotinicnitrile. 2,331,011; Oct. 5.
- Williamette Hyster Company. (See Johnson, George V., assignor.)
- Williamette Hyster Company. (See Shoemaker, Robert C., assignor.)
- Willans, Marian J., executrix. (See Willans, Peter W.)
- Willans, Peter W., deceased, by M. J. Willans, Lydford, executrix, assignor to Electric and Musical Industries, Hayes, Middlesex, England. Television device. 2,307,249; Jan. 5.
- Willard, Ellery G., Johnstown, N. Y. Glove. 2,327,836; Aug. 24.
- Willard, Gerald W., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Method of and apparatus for producing television images. 2,314,960; Mar. 30.
- Willard, Kenneth A., East St. Louis, Ill., assignor to Comet Model Airplane & Supply Company, Incorporated. Miniature airplane. 2,323,666; July 6.
- Willard, Rudolph, Ridgewood, N. J. Drawer compressor. 2,326,087; Aug. 3.
- Willard Storage Battery Company. (See Bailey, Robert M., assignor.)
- Willard Storage Battery Company. (See Bushman, Julius H., assignor.)
- Willard Storage Battery Company. (See Codney, Arthur O., assignor.)
- Willard Storage Battery Company. (See Codney, Arthur O., and Bailey, assignors.)
- Willard Storage Battery Company. (See Fairclough, Edward, assignor.)
- Willard Storage Battery Company. (See Hill, James R., assignor.)
- Willard Storage Battery Company. (See Voith, Paul H., assignor.)
- Willat, Arnold F., San Rafael, Calif., assignor to said Willat, trustee. Permanent waving of hair. 2,331,065; Oct. 5.
- Willauer, Earl E., Cranford, N. J., assignor to Standard Oil Development Company. Refining of mineral oils. 2,336,205; Dec. 7.
- Willby, Norman H., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,310,141; Feb. 2.
- Willcox & Gibbs Sewing Machine Company. (See Wels, Albert H., assignor.)
- Willcox, Thomas W. J., North Wembley, assignor to General Industries Limited, Brentford, Middlesex, England. Strapping machine. 2,334,736; Nov. 23.
- Willens, Robert A. A., London, England, assignor to Celanese Corporation of America. Apparatus for sorting of articles according to size. 2,336,582; Dec. 14.
- Willers, Carl, assignor, to F. C. Kollath, Chicago, Ill. Surgical instrument. 2,333,284; Nov. 2.
- Williams, Andrew J. D., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Sleeve valve drive. 2,332,959; Oct. 26.
- Willett, Leon E. (See Ingersoll, E. B., and Willett.)
- Willett, Leon E., assignor to Chamberlain Metal Weather Strip Company, Detroit, Mich. Window screen or blind. 2,314,026; Mar. 18.
- Willett, Warren P., Takoma Park, Md., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,316,826; Apr. 20.
- Willett, William M., G. T. Markey, and J. R. Olson, assignors to James Manufacturing Company, Fort Atkinson, Wis. Battery brooder. 2,325,198; July 27.
- Willets, Paul G., West Hartford, assignor to Hartford Empire Company, Hartford, Conn. Container for molten glass. 2,323,205; June 29.
- Willey, Edward A. (See Nutte, E. L., and Willey.)
- Wm. Bros Boller & Manufacturing Co. (See Jensen, Chris B., assignor.)
- William Albert J., Maplewood, assignor to Inserting and Mailing Machine Company, Phillipsburg, N. J. Envelope handling machine. 2,325,455; July 27.
- Williams, Albert J., Jr., assignor to Leeds & Northrup Company, Philadelphia, Pa. Measuring system. 2,312,945; Mar. 2.
- Williams, Alfred O., Battle Creek, Mich. Universal joint. 2,337,287; Dec. 21.
- Williams, Alfred O., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Side sill construction. 2,333,223; Nov. 2.
- Williams, Alfred O., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Rail-car truck. 2,336,661; Dec. 14.
- Williams, Alfred V., assignor to Molins Machine Company, Inc., Richmond, Va. Cigarette machine. 2,308,323; Jan. 12.
- Williams, Allan E. (See Oistad, M. H., and Williams.)
- Williams, Allison R., Yazoo City, Miss. Hot stick. 2,316,204; Apr. 13.
- Williams, Arthur L., Maywood, Calif. Electrical coupling. 2,322,491; June 22.
- Williams, Arthur L., Waterbury, Conn., assignor to The American Brass Company. Work-transfer means for eyelet machines and the like. 2,329,150; Sept. 7.

- Williams, Benjamin F., Douglas, Ariz. Pump. 2,324,610; July 20.
- Williams, Bernard, Kanopolis Dam, Kans. *Mucking and loading machine. 2,323,434; July 6.
- Williams, Beverly, et al. (See Bollinger, Benjamin A., assignor.)
- Williams, Beverly E., assignor to Industrial Patents Corporation, Chicago, Ill. Aging meat. 2,314,301; Mar. 16.
- Williams, Beverly E., and L. L. Cadwell, assignors to Industrial Patents Corporation, Chicago, Ill. Chilling meat. 2,314,300; Mar. 16.
- Williams, Beverly E., and L. L. Cadwell, assignors to Industrial Patents Corporation, Chicago, Ill. Meat treatment. 2,323,953; July 13.
- Williams, Bradley W., and H. S., assignors to Tech Equipment Company, Chicago, Ill. Sensitive switch. 2,309,230; Jan. 26.
- Williams, Burdell S., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Air conditioning unit mounting. 2,316,640; Apr. 13.
- Williams, Burdell S., Dayton, Ohio, assignor to Chrysler Corporation, Detroit, Mich. Casement window adapter. 2,322,904; June 29.
- Williams, Calvin C., Philadelphia, Pa. Mechanical movement. 2,312,057; Feb. 23.
- Williams, Carl B., Jr., and M. C. Koester, assignors to Libby-Owens-Ford Glass Company, Toledo, Ohio. Cutting machine. 2,328,405; Aug. 31.
- Williams, Carroll M., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,329,902; June 1.
- Williams, Carroll M., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Filler. 2,326,085; Aug. 3.
- Williams, Charles N. (See Cornell, E. S., and Williams.)
- Williams, Charles W., Cleveland, Ohio, assignor to Automatic Safety Wringer Company, a partnership. Wringer. 2,329,734; Sept. 21.
- Williams, Charley H., El Reno, Okla. Swing. 2,325,456; July 27.
- Williams, Clarence M., Augusta, Kans. Controlled pumping choke for oil wells. Re. 22,384; Oct. 12.
- Williams, Crawford S., Durham, assignor of fifty per cent to J. A. Williamson, Raleigh, N. C. Variable pitch propeller. 2,316,482; Apr. 13.
- Williams, David M., Godwin, N. C. Firearm. 2,336,146; Dec. 7.
- Williams, David M., assignor to Western Cartridge Company, New Haven, Conn. Automatic firearm construction. 2,308,257; Jan. 12.
- Williams, David M., assignor to Western Cartridge Company, New Haven, Conn. Front-band construction for firearms. 2,323,954; July 13.
- Williams, David M., assignor to Western Cartridge Company, New Haven, Conn. Receiver and trigger-plate construction for firearms. 2,325,646; Aug. 3.
- Williams, David M., assignor to Western Cartridge Company, New Haven, Conn. Pivotal rear sight for firearms. 2,334,300; Nov. 16.
- Williams, David M., assignor to Western Cartridge Company, New Haven, Conn. Takedown firearm. 2,336,431; Dec. 7.
- Williams, Denis C. (See Hargrave, J. G., and Williams.)
- Williams, Djama D., Burbank, Calif. Submarine rescue apparatus. 2,329,430; Sept. 14.
- Williams, Edmond B., Litchfield, assignor to The Torrington Manufacturing Co., Torrington, Conn. Multiple outlet blower assembly. 2,330,938; Oct. 5.
- Williams, Edward B., Jr., Greenville, Tex. Drill bit. 2,326,908; Aug. 17.
- Williams, Edward E., Bronx, N. Y. Daylight fluoroscope. 2,319,712; May 18.
- Williams, Edwin A., Jr. (See Harlow, W. G., Healls, and Williams.)
- Williams, Edwin A., Jr., Lansdowne, and C. L. Schuck, Philadelphia, Pa., assignor to General Electric Company. Electric circuit interrupting device. 2,309,489; Jan. 26.
- Williams, Elmer E., assignor of thirty per cent to D. M. Kelly and J. E. Barrett, Hull, Tex. Drill stem converter. 2,325,719; Nov. 30.
- Williams, Ernest, Jackson Heights, assignor to Consolidated Edison Company of New York, Inc., New York, N. Y. Installation of underground ducts. 2,325,565; July 27.
- Williams, Francis A., Toronto, Ontario, Canada. Coated mold and molding concrete. 2,321,635; June 15.
- Williams, Francis A., assignor to New-Era Walls, Limited, Toronto, Ontario, Canada. Apparatus for and method of forming structures of cementitious or other hardening material. 2,331,066; Oct. 5.
- Williams, Frank P., and C. V. Smith, assignors to The Univis Lens Company, Dayton, Ohio. Method and apparatus for form milling resinous blanks. 2,333,064; Oct. 26.
- Williams, Fred, Three Lakes, Wis. Log type building structure. 2,309,426; Jan. 26.
- Williams, Frederick D., Larchmont, N. Y. Game. 2,329,500; Sept. 14.
- Williams Furniture Corporation. (See Hubbard, Elbert R., assignor.)
- Williams, George W. (See Ames, Robert G., assignor.)
- Williams, Harold G., Morden, England, assignor, by mesne assignments, to Standard Catalytic Company. Preparation of bituminous compositions. 2,330,100; Sept. 21.
- Williams, Harold W., Scarsdale, assignor to Lumelite Corporation, New York, N. Y. Sign. 2,310,665; Feb. 9.
- Williams, Harold W., Nutley, P. M. Martin, Jersey City, and D. H. Baum, Ridgewood, assignors to Westinghouse Electric Elevator Company, Jersey City, N. J. Inductor switch. 2,326,086; Aug. 3.
- Williams, Harry E., and L. A. Durant, Chicago, Ill. Accessory for game apparatus. 2,317,506; Apr. 27.
- Williams, Harry E., and L. A. Durant, Chicago, Ill. Contact switch for ball rolling game. 2,330,771; Sept. 28.
- Williams, Harry O., Kansas City, Mo. Governor actuated switch. 2,309,369; Jan. 26.
- Williams, Harry O., Kansas City, Mo. Automatic brake adjusting means. 2,322,492; June 22.
- Williams, Harry R., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Dispersing rubber. 2,308,958; Jan. 19.
- Williams, Helen J., Huntington Park, Calif. Hood. 2,311,277; Feb. 16.
- Williams, Herbert J., assignor to Bendix-Westinghouse Automotive Air Brake Company, Elyria, Ohio. Fluid coupling. 2,335,832; Nov. 30.
- Williams, Homer S. (See Williams, Bradley W., and Homer S.)
- Williams, Howard O., Minneapolis, and A. A. Jens, assignors to Edward E. Johnson, Incorporated, St. Paul, Minn. Making deep well screens. 2,312,458; Mar. 2.
- Williams, Howard O., Minneapolis, and A. A. Jens, assignors to Edward E. Johnson, Incorporated, St. Paul, Minn. Making deep well screens. 2,312,459; Mar. 2.
- Williams, Howard O., Minneapolis, and A. A. Jens, assignors to Edward E. Johnson, Incorporated, St. Paul, Minn. Method of making deep well screens. 2,327,686; Aug. 24.
- Williams, Howard O., Minneapolis, and A. A. Jens, assignors to Edward E. Johnson, Incorporated, St. Paul, Minn. Making deep well screens. 2,327,687; Aug. 24.
- Williams, I. B., and Sons, Inc. (See Plummer, Lloyd F., assignor.)
- Williams, Jack L., assignor to The Dow Chemical Company, Midland, Mich. Heat treatment of vinylidene chloride polymers. 2,309,370; Jan. 26.
- Williams, James H., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. 4-substituted-2'-substituted diphenyl sulphone. 2,336,445; Dec. 7.
- Williams, James T., assignor to M. L. Williams, Minneapolis, Minn. Electrical incense burner. 2,308,138; Jan. 12.
- Williams, Jean R. (See Crawshaw, S. L., and Williams.)
- Williams, John C., near Slough, England. Pipe joint and like coupling. 2,333,909; Nov. 9.
- Williams, John F. (See Bull, A. W., Havens, and Williams.)
- Williams, L. H. (See Buford, William J., assignor.)
- Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,321,346; June 8.
- Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,334,367; Nov. 16.
- Williams, Lawrence S., assignor to Toledo Scale Company, Toledo, Ohio. Weighing scale. 2,336,329; Dec. 7.
- Williams, Lee A., assignor of one-fifth to J. P. Smith, Chicago, Ill. Time switch. 2,337,515; Dec. 21.
- Williams, Lee B., Wilkesburg, Pa. Boiler. 2,316,735; Apr. 13.
- Williams, Lewis W., Short Hills, N. J., assignor to Purolator Products, Inc. Filter. 2,311,320; Feb. 16.
- Williams, Lisle C., Memphis, Tenn. Venetian blind. 2,317,660; Apr. 27.
- Williams, Lisle C., Memphis, Tenn., assignor of twenty percent to J. H. Weatherford and H. Weatherford, Jr., both of Memphis, Tenn. Venetian blind. 2,317,659; Apr. 27.
- Williams, Luther F., Oakland, Calif. Contour scriber. 2,316,483; Apr. 13.
- Williams, Lynn A., Jr., Northfield, assignor to Stewart Warner Corporation, Chicago, Ill. Heating apparatus. 2,330,322; Sept. 28.
- Williams, Lytle L., Shreveport, La., assignor to Bird & Son, Inc., East Walpole, Mass. Building construction. 2,307,978; Jan. 12.
- Williams, Margaret L. (See Williams, James T., assignor.)
- Williams, Milton, Houston, Tex., assignor to Standard Oil Development Company. Addition agent for enhancement of the properties of drilling muds. 2,315,995; Apr. 6.
- Williams, Milton, Houston, Tex., assignor to Standard Oil Development Company. Water-soluble beryllium-phosphate glass. 2,324,124; July 13.
- Williams, Milton, Houston, Tex., assignor to Standard Oil Development Company. Plugging off water sands. 2,332,822; Oct. 26.
- Williams, Myron A., Greenville, Pa. Clip for train order holders. 2,311,720; Feb. 23.
- Williams, Norman D. (See Backoff, W. J., and Williams.)
- Williams, Norman D. (See Backoff, W. J., Williams, O'Loughlin, Moir, and Yule.)

- Williams, Norman D., assignor to The Pure Oil Company, Chicago, Ill. Hydrogenated extreme pressure lubricant. 2,326,315; Aug. 10.
- Williams Oil-O-Matic Heating Corporation. (See Gibson, H. V., and Casey, assignors.)
- Williams Oil-O-Matic Heating Corporation. (See Zellhoefer, G. F., Marvel, and Copley, assignors.)
- Williams, Oliver H., Chicago, Ill. Metal lamp shade. 2,308,422; Jan. 12.
- Williams, Ormsby P., South Gate, Calif. Meat and fowl turner and lifter. 2,337,142; Dec. 21.
- Williams, Paul H., assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,313,982; Mar. 16.
- Williams, Paul R. (See Neutra, R. J., and Williams.)
- Williams, Philip H., San Jose, Calif. Centrifugal pump impeller balancing process. 2,323,637; July 6.
- Williams, Ray W., Blue Island, Ill., assignor to United Conveyor Corporation, Gasket. 2,327,837; Aug. 24.
- Williams, Robert A., Jr. (See Williams, Robert A. and Robert A., Jr.)
- Williams, Robert A., assignor to Ditto, Incorporated, Chicago, Ill. Duplicating apparatus. 2,315,175; Mar. 30.
- Williams, Robert A., assignor to Ditto, Incorporated, Chicago, Ill. Sheet trimming device. 2,316,205; Apr. 13.
- Williams, Robert A., assignor to Ditto, Incorporated, Chicago, Ill. Web roll supporting and controlling mechanism. 2,337,700; Dec. 28.
- Williams, Robert A., and R. A. Williams, Jr., Chicago, Ill., assignors to Eaton Manufacturing Company, Detroit, Mich. Making lock washers. 2,308,579; Jan. 10.
- Williams, Robert A., Chicago, and W. S. Cushman, Evanston, assignors to Ditto, Incorporated, Chicago, Ill. Sheet trimming and handling device. 2,321,751; July 20.
- Williams, Robert D. (See O'Neil, W. W., and Williams.)
- Williams, Robert R., Roselle, and J. K. Cline, Woodbridge, N. J., assignors to Research Corporation, New York, N. Y. Antineuritic compounds. 2,328,594; Sept. 7.
- Williams, Robert R., Roselle, and J. K. Cline, Woodbridge, N. J., assignors to Research Corporation, New York, N. Y. Pyrimidine compound. 2,328,595; Sept. 7.
- Williams, Robert R., Summit, N. J., and J. K. Cline, Galveston, Tex., assignors to Research Corporation, New York, N. Y. Pyrimidine compounds. 2,336,825; Dec. 14.
- Williams, Robert R., Summit, N. J., and J. K. Cline, Galveston, Tex., assignors to Research Corporation, New York, N. Y. Pyrimidine compounds. 2,336,826; Dec. 14.
- Williams, Roger J. (See Eakin, R. E., and Williams.)
- Williams, Roland G., Fort Myers, Fla., assignor to Malleable Iron Fittings Company, Branford, Conn. Load transfer unit for paving joint structures. 2,319,713; May 18.
- Williams, Samuel B., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,311,800; Feb. 23.
- Williams, Samuel B., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,314,361; Mar. 30.
- Williams, Samuel E., Houston, Tex. Chute. 2,337,217; Dec. 21.
- Williams, Stuart R., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Apparatus for demonstrating light distribution. 2,312,460; Mar. 2.
- Williams, Sylvester J., Ritzville, assignor to Claud C. Calkins, Spokane, Wash. Weeder. 2,321,537; June 8.
- Williams, Theodore C., Stamford, Conn. Article carrier and stand. 2,318,122; May 4.
- Williams, Victor G. (See Delamere, R. D., Williams, Grange, and Heaton.)
- Williams, Victor G., assignor to Delamere and Williams Limited, Toronto, Ontario, Canada. Machine for filling containers. 2,331,587; Oct. 12.
- Williams, Virgil C. (See Aitchison, R. C., Swartout, and Williams.)
- Williams, Wesley L., Wilmington, and E. J. Shearer, Long Beach, Calif.; B. H. Brown, administrator for E. J. Shearer, deceased, assignor to said W. L. Williams. Fluid actuated pump. 2,331,151; Oct. 5.
- Williams, William J., Rosebery, New South Wales, Australia. Vertical rotary molding machine. 2,317,574; Apr. 27.
- Williams, William J., assignor to Synchro-Start Products, Inc., Toledo, Ohio. Automatic controlling system for engines. 2,319,835; May 25.
- Williams, William W. (See Brooker, L. G. S., and Williams.)
- Williams, William W., Kenmore, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Aircraft. 2,334,975; Nov. 23.
- Williamson, Al B., Corpus Christi, Tex. Rotating blow-out preventer. 2,322,679; June 22.
- Williamson, Evan D., assignor to E. D. Bullard Company, San Francisco, Calif. Siren. 2,314,260; Mar. 16.
- Williamson, Fred L. (See May, K. L., and Williamson.)
- Williamson, Hilding V., and W. F. Micheltree, assignors, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Fire extinguishing method and apparatus. 2,322,758; June 29.
- Williamson, John A. (See Williams, Crawford S., assignor.)
- Williamson, Joseph E. (See Gordon, W. E., and Williamson.)
- Williamson, Larkin R., assignor to E. W. Bliss Company, Brooklyn, N. Y. Hydraulic hold-down. 2,311,147; Feb. 16.
- Williamson, Larkin R., assignor to E. W. Bliss Company, Brooklyn, N. Y. Clutch and brake system. 2,313,187; Mar. 9.
- Williamson, Larkin R., Brooklyn, N. Y., assignor to H. H. Pinney, Shaker Heights, Ohio. Boiler construction. 2,320,114; May 25.
- Willinger, Bernard W., El Monte, Calif., assignor to Society-Vacuum Oil Company, Incorporated, New York, N. Y. Device for crimping ferrules on air hose. 2,337,362; Dec. 21.
- Willingham, Thomas A. (See Pollak, A., and Willingham.)
- Willis, Bernard D., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Call transmitter. 2,320,022; Sept. 7.
- Willis, Bernard D., Oak Park, Ill., deceased, Wm. W. Owsen, executor, assignor to Automatic Electric Laboratories, Inc., Chicago, Ill. Automatic switching system. 2,329,234; Sept. 14.
- Willis, Edward E., Lewistown, assignor of fifteen per cent to W. B. Heaps, Millin, Pa. Micrometer. 2,325,351; July 27.
- Willis, Floyd, Jr., Dallas, Tex. Means for logging wells. 2,331,192; Oct. 5.
- Willis, Floyd H., Los Angeles, Calif. Stereoscopic motion picture. 2,309,879; Feb. 2.
- Willis, Frederick W., and A. Simpson, Belfast, Northern Ireland. Producing a bath liquid spray, or the like. 2,318,826; May 11.
- Willis, Le Roy W., Stamford, Conn., assignor to Intertype Corporation, Brooklyn, N. Y. Magazine exchanging device for typographic machines. 2,333,610; Nov. 2.
- Willis, Sanford L., White Plains, N. Y. Molding plastic material. 2,335,371; Nov. 30.
- Willis, Wilmer H., Los Angeles, Calif. Building wall construction. 2,320,690; June 1.
- Willis, Leland R., Atlantic City, N. J., assignor, by mesne assignments, to Edw. K. Tyson Company. Diaphragm and support. 2,315,758; Apr. 6.
- Willman, Philip E., Hinsdale, assignor to McGraw Electric Company, Elgin, Ill. Incendiary bomb carrier. 2,328,870; Sept. 7.
- Willmore, Edward S. R. (See Rollo, D., McIntyre, and Willmore.)
- Willmore, Edward S. R., Watford, and A. E. Cooper, assignors to Cooper, McQuigall & Robertson Limited, Beckhamstead, England. Insecticide. 2,332,960; Oct. 26.
- Willmott, Herbert J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for assembling shoe parts. 2,307,815; Jan. 12.
- Willner, Philipp, assignor to Phil Willis Die Cutting Corp., New York, N. Y. Spool, bobbin, or the like. 2,314,749; Mar. 23.
- Willoughby, Lively B., assignor to Ballard & Ballard Company, Incorporated, Louisville, Ky. Article assembling and feeding machine. 2,313,706; Mar. 9.
- Willoughby, Victor. (See Schroeder, E. R., and Willoughby.)
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Outlet structure for tanks. 2,319,759; May 18.
- Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, Philadelphia, Pa. Railway car truck and its brake mechanism. 2,322,266; June 22.
- Willrodt, Frederick L., Omaha, Nebr. Tractor guide. 2,307,732; Jan. 12.
- Willis, Dick. (See Dressler, Adolph C., assignor.)
- Will's, Phil, Die Cutting Corp. (See Willner, Philipp, assignor.)
- Will's, Walter P., assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,323,885; July 13.
- Willson, David S. (See Goldberg, M. J., and Willson.)
- Willson, David S., Muskegon Heights, Mich., assignor to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Fluid dispensing apparatus. 2,307,314; Jan. 5.
- Willson, David S., Muskegon Heights, Mich., assignor to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Interlock mechanism. 2,311,193; Feb. 16.
- Willson, Herbert S., assignor to Corning Glass Works, Corning, N. Y. Glass article. 2,314,804; Mar. 23.
- Willson, James P., Houston, Tex., assignor to Line Material Company, Milwaukee, Wis. Duct bell holder. 2,336,147; Dec. 7.
- Willson, Lester E., Streator, Ill. Building wall construction. 2,335,555; Nov. 30.
- Willys-Overland Motors, Inc. (See Roos, Delmar G., assignor.)
- Wilmanns, Gustav. (See Arens, H., Kúmetat, Walter, and Wilmanns.)
- Wilmanns, Gustav. (See Bauer, F., and Wilmanns.)
- Wilmanns, Gustav. (See Brodersen, R., and Wilmanns.)
- Wilmanns, Gustav. (See Jung, A., and Wilmanns.)
- Wilmanns, Gustav. (See Riester, O., and Wilmanns.)

- Wilmanns, Gustav. (See Schneider, W., Schaarschmidt, and Wilmanns.)
- Wilmanns, Gustav. (See Schneider, W., Schulze, and Wilmanns.)
- Wilmanns, Gustav. (See Schneider, W., and Wilmanns.)
- Wilmanns, Gustav. (See Zischler, H., and Wilmanns.)
- Wilmanns, Gustav, Wolfen, Kreis Bitterfeld, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Production of color separation pictures of correct tone value. 2,336,800; Dec. 7.
- Wilms, Gustav O. (See De Smidt, W. A., Wilms, and Steenweg.)
- Wilmes, William L. (See Gustafsson, E., and Wilmes.)
- Wilpan, Charles L., New York, N. Y., assignor to Rope Soles, Inc., Paterson, N. J. Shoe and outsole therefor. 2,315,759; Apr. 6.
- Wilschusen, August E., Detroit, Mich. Direction indicator. 2,308,844; Jan. 19.
- Wilson, Alexander L. (See Clark, J. W., and Wilson.)
- Wilson, Alexander L., Sharpsburg, Pa., assignor to Carbide and Carbon Chemicals Corporation. Process for making amino-alkyl compounds. 2,318,729; May 11.
- Wilson, Alexander L., Sharpsburg, Pa., assignor to Carbide and Carbon Chemicals Corporation. Making alkylene polyamines. 2,318,730; May 11.
- Wilson, Allen B., Evanston, assignor to Acme Steel Company, Chicago, Ill. Venetian blind slat and method of and apparatus for forming the same. 2,313,111; Mar. 9.
- Wilson, Allen B., Evanston, assignor to Acme Steel Company, Chicago, Ill. Method of and apparatus for straightening strip steel. 2,333,282; Nov. 2.
- Wilson, Alvin B., assignor to The Davison Chemical Corporation, Baltimore, Md. Treating hydrogels. 2,323,583; July 6.
- Wilson, Andrew, Inc. (See Wilson, Andrew, assignor.)
- Wilson, Andrew, assignor to Andrew Wilson, Inc., Springfield, N. J. Material distributor. 2,307,313; Jan. 5.
- Wilson, Asbury G., et al. (See Sabol, Ernest J., assignor.)
- Wilson, Bert A., Pittsburgh, Pa. Apparatus for grinding billets or slabs. 2,308,842; Jan. 19.
- Wilson, Bert A., Pittsburgh, Pa. Grinding wheel mount. 2,308,843; Jan. 19.
- Wilson, Bertha C., Evansville, Ind. Office desk. 2,323,107; June 29.
- Wilson, Broadus, Miami, Fla. Article drying apparatus. 2,311,148; Feb. 16.
- Wilson, Burton, San Jose, Calif. Combination support. 2,316,038; Apr. 6.
- Wilson, Carroll J. (See McNab, J. G., Wilson, and Winning.)
- Wilson, Cecil B., Greenford, England, assignor to The Hoover Company, North Canton, Ohio. Comutator for dynamoelectric machines. 2,320,541; June 1.
- Wilson, Charles N., Washington, D. C. Interlocking decking panel. 2,335,556; Nov. 30.
- Wilson, Charles R., Oakland, Calif. Prefabricated building construction. 2,331,752; Oct. 12.
- Wilson, Charlotte E., et al. (See Eaton, Philip W., assignor.)
- Wilson, Chessie J. (See Wilson, James V., assignor.)
- Wilson, Clair J., et al. (See Rouse, Benjamin H., assignor.)
- Wilson, Claude, Duquoin, Ill. Packing holder for car journals. 2,328,883; Sept. 7.
- Wilson & Co. (See Gustus, Edwin L., assignor.)
- Wilson, Cyril D., Metuchen, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Methylene bis-azoles. 2,323,503; July 6.
- Wilson, Cyril D., Metuchen, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of omega acyl-azoles. 2,323,504; July 6.
- Wilson, Delbert I., and J. W. Quinn, assignors to The City Engineering Company, Dayton, Ohio. Manually operated screw machine. 2,319,963; May 25.
- Wilson, Earl D., Wilkensburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Treatment of copper-oxide rectifiers with nitrogen. 2,320,962; June 1.
- Wilson, Earl R., Montgomery, Ala., assignor of thirty-five one-hundredths to Luther L. Jones. Prisoner's harness. 2,324,193; July 13.
- Wilson, Edward B., H. Wilson, Webster Groves, and J. H. Linhardt, St. Louis, Mo., assignors to said Edward Wilson, trustee. Hydraulic motor system. 2,309,148; Jan. 26.
- Wilson, Edward H. (See Wilson, Edward and Edward H., and Linhardt.)
- Wilson, Edwin B., Forest Hills, assignor to Design Laboratories, Incorporated, New York, N. Y. Louver for lighting fixtures. 2,319,572; Mar. 18.
- Wilson, Edwin J., assignor to Hetherington & Berner Inc., Indianapolis, Ind. Trencher bucket digging unit. 2,335,166; Nov. 23.
- Wilson Engineering Corporation. (See McGrath, H. J., and Lamme-de, assignors.)
- Wilson Engineering Corporation. (See Wilson, Lyndon, assignor.)
- Wilson, Ernest E., assignor to General Motors Corp., Detroit, Mich. Resonance unit. 2,323,955; July 13.
- Wilson, Ernest E., near Milford, assignor to General Motors Corporation, Detroit, Mich. Resonator silencer. 2,325,352; July 27.
- Wilson, Ernest E., assignor to General Motors Corporation, Detroit, Mich. Internal combustion engine exhaust system. 2,332,543; Oct. 26.
- Wilson, Ernest S., Holly Oak, assignor to Hercules Powder Company, Wilmington, Del. Dry size and making. 2,310,006; Feb. 2.
- Wilson, Evelyn E., Brookline, Pa. Infant's sleeping garment. 2,328,938; Sept. 7.
- Wilson, Frank C., Arcade, N. Y. Hydraulic press. 2,319,964; May 25.
- Wilson, Frank H. (See Cooper, H. S., assignor.)
- Wilson, Fred G., Sr., Oakland, Calif. Electric cable cutter. 2,329,805; Sept. 21.
- Wilson, Gardiner C., Lancaster Township, Lancaster County, Pa., assignor, by mesne assignments, to Hiram Walker & Sons, Inc., Peoria, Ill. Slip cap for bottles. 2,312,513; Mar. 2.
- Wilson, George W., Reading, Ohio. Conveyer. 2,309,723; Feb. 2.
- Wilson, H. A., Company, The. (See Campbell, James R., assignor.)
- Wilson, H. A., Company, The. (See Howard, Ernest R., assignor.)
- Wilson, H. A., Company, The. (See Peterson, Chester, assignor.)
- Wilson, H. A., Company, The. (See Waltenberg, Romaine G., assignor.)
- Wilson, Harry. (See Lindsey, W. L., and Wilson.)
- Wilson, Harry, Fort Benning, Ga. Multiple launching of parachute borne equipment containers from aircraft. 2,326,813; Aug. 17.
- Wilson, Harry, and W. P. Yarborough, Fort Benning, Ga. Multipurpose parachute delivery container. 2,314,914; Mar. 30.
- Wilson, Herbert E., assignor to Lambeth Products Corporation, Antrim, N. H. Plug for lug straps. 2,337,218; Dec. 21.
- Wilson, Herbert O., Benton Township, Columbia County, Pa., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electrical control system. 2,323,266; June 29.
- Wilson, Hillsman D., assignor to Howard Smith Company, Houston, Tex. Gate valve. 2,326,988; Aug. 17.
- Wilson, Howard R., Cleveland, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cement composition. 2,316,039; Apr. 6.
- Wilson, Howard W., assignor to Paulus Brothers Packing Company, Salem, Oreg. Can stacker. 2,318,444; May 4.
- Wilson, James E., assignor to Chrysler Corporation, Detroit, Mich. Air conditioning method and apparatus. 2,316,641; Apr. 13.
- Wilson, James F., assignor of 49 percent to W. E. Baker, Des Moines, Iowa. Crutch. 2,312,786; Mar. 2.
- Wilson, James H. (See Sender, L., and Wilson.)
- Wilson, James V., assignor to C. J. Wilson, Los Angeles, Calif. Electric motor. 2,334,153; Nov. 9.
- Wilson, John A., and N. H. Sutterfield, assignors to The Timken-Detroit Axle Company, Detroit, Mich. Liquid fuel burning apparatus. 2,310,333; Feb. 9.
- Wilson, John C., assignor to The Thompson Grinder Co., Springfield, Ohio. Collapsible antifriction nut. 2,321,442; June 8.
- Wilson, John C., assignor to The Thompson Grinder Company, Springfield, Ohio. Grinding machine. 2,335,625; Nov. 30.
- Wilson, John C., Bayside, N. Y., assignor to Hazeltine Corporation. Television signal-translating system. 2,335,983; Dec. 7.
- Wilson, John H., Wichita Falls, Tex. Mast pole derrick. 2,316,204; Apr. 13.
- Wilson, John H., Wichita Falls, Tex. Clutch. 2,321,565; June 15.
- Wilson, John H., Wichita Falls, Tex. Oil well servicing mast. 2,336,432; Dec. 7.
- Wilson, John H., assignor to Automotive Sprinkler Company, North Platte, Nebr. Lawn sprinkler. 2,314,675; Mar. 23.
- Wilson, John M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Relay. 2,310,334; Feb. 9.
- Wilson, John M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic control system for fuel burners. 2,319,360; May 18.
- Wilson, John R., et al. (See Sabol, Ernest J., assignor.)
- Wilson-Jones Company. (See Buenger, E. F., and Nelson, assignors.)
- Wilson-Jones Company. (See Dawson, George H., assignor.)
- Wilson-Jones Company. (See Dawson, G. H., and Potts, assignors.)
- Wilson-Jones Company. (See Murphy, Edward B., assignor.)
- Wilson-Jones Company. (See Pitt, William, assignor.)
- Wilson-Jones Company. (See St. Louis, Charles V., assignor.)
- Wilson-Jones Company. (See Unger, Paul O., assignor.)
- Wilson-Jones Company. (See Wedge, Fred D., assignor.)
- Wilson, Joseph P., Columbia, S. C. Necktie engaging collar. 2,313,857; Mar. 16.
- Wilson, Lee, Sales Corporation. (See Wilson, L., and Olmstead, assignors.)

- Wilson, Lee, and F. Olmstead, assignors to Lee Wilson Sales Corporation, Cleveland, Ohio. Apparatus for subjoining cylindrical members to heat treatment. 2,317,009; Apr. 20.
- Wilson, Leroy A., Enterprise, Utah. Apparatus for grinding and separating ores. 2,316,982; Apr. 20.
- Wilson, Lloyd L., Sharpsville, H. W. Lowmiller, Farrell, Pa., and M. L. Bible, Masury, Ohio, assignors to Sharon Steel Corporation, Sharon, Pa. Manufacture of center stretched strip. 2,326,715; Aug. 10.
- Wilson, Lyndon F., assignor to Wilson Engineering Corporation, Chicago, Ill. Unit heater. 2,320,207; May 25.
- Wilson, Lyndon F., assignor to Wilson Engineering Corporation, Chicago, Ill. Unit heater. 2,330,653; Sept. 28.
- Wilson, Matthew P., Sparrows Point, Md., assignor to Bethlehem Steel Company. Coating metal sheets. 2,307,613; Jan. 5.
- Wilson Mechanical Instrument Co. (See Sklar, David F., assignor.)
- Wilson, Mitchell, assignor to Fred'k H. Levey Co., Inc., New York, N. Y. Method of and apparatus for printing. 2,319,174; May 11.
- Wilson, Norman B. (See von Fuchs, G. H., and Wilson.)
- Wilson, Norman B., Toronto, Ontario, Canada. Centrifuge clutch. 2,317,573; Apr. 27.
- Wilson, Philip, Jr. (See Thatcher, F. M., Wells and Wilson, Jr.)
- Wilson, Ralph W., New York, N. Y. Dispensing closure for containers. 2,314,676; Mar. 23.
- Wilson, Ralph W., New York, N. Y., assignor of one-half to W. G. Thompson, Clinton, Mass. Self-closing container closure. 2,330,939; Oct. 5.
- Wilson, Raymond W., Glendale, Calif. Dishwashing machine. 2,315,572; Apr. 6.
- Wilson, Richard E., Oakland, Calif. Fishing reel mounting. 2,325,457; July 27.
- Wilson, Robert E., Belleville, N. J. Detachable film loading guide for developing tank reels. 2,325,823; Aug. 3.
- Wilson, Robert F. (See Adler, Z. J., and Wilson.)
- Wilson, Robert F., and J. W. Liska, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Inner tube. 2,308,955; Jan. 19.
- Wilson, Robert J., Seattle, Wash. Refinishing tool for crank pins. 2,329,806; Sept. 21.
- Wilson, Robert T., et al. (See Schleif, Robert L., assignor.)
- Wilson, Robert W., et al. (See Smith, Merton J., assignor.)
- Wilson, Ross R., Billings, Mont. Vine cutting mechanism. 2,320,317; May 25.
- Wilson, Rosser L., Mahwah, N. J., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Control apparatus. 2,320,809; June 1.
- Wilson, Rosser L., Mahwah, N. J., assignor to American Brake Shoe Company. Control apparatus. 2,335,984; Dec. 7.
- Wilson, Steven B., Newton, Mass., assignor to Fram Corporation. Liquid filter and filtering unit therefor. 2,316,206; Apr. 13.
- Wilson, Steven B., Newton, Mass., assignor to Fram Corporation, East Providence, R. I. Lubricant gauge device. 2,333,438; Nov. 9.
- Wilson, Theodore F., et al. (See Sabol, Ernest J., assignor.)
- Wilson, Thomas K., Portland, Oreg. Fishhook. 2,315,307; Mar. 30.
- Wilson, Tom. (See Stevens, R. H., and Wilson.)
- Wilson, Wesley, Chicago, Ill. Radiant heat drying construction. 2,317,426; Apr. 27.
- Wilson, Wesley, Chicago, Ill. Electric lighting fixture. 2,334,139; Nov. 9.
- Wilson, Wilbert M. (See McKee, Graydon S., Wilson, and Johnson.)
- Wilson, Wilbert M., Beaver, Pa. Administration capsule. 2,333,283; Nov. 2.
- Wilson, William B., Chicago, Ill. Multiple display sheet holder. 2,309,287; Jan. 26.
- Wilson, William F., Newark, Del., assignor to Atlas Powder Company, Wilmington, Del. Blasting explosive assembly. 2,311,721; Feb. 23.
- Wilson, William G. (See Calvin, F. O., Wilson, and Smith.)
- Wilson, William H., assignor to Fruit & Vegetable Processing Co., Santa Monica, Calif. Article for use in the treatment of leafy vegetables. 2,322,493; June 22.
- Wilson, William J. (See Dohe, E. F., and Wilson.)
- Wilson, William M., Morristown, N. J. Slice for paper-making machinery. 2,337,288; Dec. 21.
- Wilson, William S., Brookline, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Production of aluminum sulfate. 2,323,499; July 6.
- Wilson, William S., Brookline, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Production of aluminum sulphate solutions. 2,332,285; Oct. 19.
- Wilson, William T. (See Redmon, Walter W., assignor.)
- Wilson, Winfred E., Los Angeles, Calif. Structural unit. 2,321,568; June 15.
- Wilson, Winfred E., Los Angeles, Calif. Structural unit. 2,321,567; June 15.
- Wilson, Winfred E., Los Angeles, Calif. Building structure. 2,321,568; June 15.
- Wilson Wire Works, Inc. (See Taylor, William J., assignor.)
- Wilson, Wylie G., Elizabeth, N. J. Sealing ring. 2,307,140; Jan. 5.
- Wilson, Wylie G., Elizabeth, assignor to Everlasting Valve Company, Jersey City, N. J. Valve. 2,330,020; Sept. 21.
- Wiltberger, Percy B., Columbus, Ohio. Means for the detection of color blindness. 2,328,700; Sept. 7.
- Wimbish, Raymond L., Roanoke, Va. Chassis frame suspension. 2,310,821; Feb. 9.
- Wimmer, Josef, Muckenberg, District of Liebenwerda, Germany; tested in the Allen Property Custodian. Production of the carbon chloride compound C_2Cl_4 . 2,308,903; Jan. 19.
- Winnans, Charles F., Pittsburgh, Pa., assignor to Wingfoot Corporation, Akron, Ohio. Production of propionitrile. 2,334,140; Nov. 9.
- Winnans, Robert C., Chatham, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Thermal time delay relay. 2,311,801; Feb. 23.
- Winborne, Russell A., East Orange, N. J., and R. L. Coultrip, Waukegan, assignors to Edison General Electric Appliance Company, Inc., Chicago, Ill. Thermal limit switch. 2,312,948; Mar. 2.
- Wincharger Corporation. (See Albers, John R., assignor.)
- Wincharger Corporation. (See Mironowicz, Vladimir C., assignor.)
- Winchell, Thomas R., Harpswell, Maine. Packaging. 2,307,250; Jan. 5.
- Wind, Fred V., assignor to Pacific Clay Products Company, Los Angeles, Calif. Pottery setter. 2,314,534; Mar. 23.
- Winder, George L. (See Beal, C. L., and Winder.)
- Winder, George L., Cuyahoga Falls, assignor to American Anode Inc., Akron, Ohio. Making blood pressure bags and other articles. 2,313,792; Mar. 18.
- Winder, George L., Cuyahoga Falls, assignor to American Anode Inc., Akron, Ohio. Making distensible bag catheters. 2,314,262; Mar. 16.
- Winder, George L., Cuyahoga Falls, assignor to American Anode Inc., Akron, Ohio. Distensible bag catheter. 2,330,399; Sept. 28.
- Winder, George L., Cuyahoga Falls, assignor, by mesne assignments, to American Anode, Inc., Akron, Ohio. Making distensible bag catheters and the like. 2,330,400; Sept. 28.
- Winder, George L., Cuyahoga Falls, assignor to American Anode Inc., Akron, Ohio. Rubber article and making the same. 2,335,203; Nov. 23.
- Winder, George L., Cuyahoga Falls, assignor to American Anode Inc., Akron, Ohio. Blood pressure bag or similar article. 2,335,204; Nov. 23.
- Winders, Arthur L. (See Winders, Robert F. and A. L.)
- Winders, Robert F. and A. L., South Gate, Calif. Spring construction. 2,309,880; Feb. 2.
- Windfield, Christian J., Stamford, Conn. Test indicator. 2,321,413; June 8.
- Windfields, Limited. (See Duffield, William A., assignor.)
- Wind Governor Corporation. (See Fiedler, William J., assignor.)
- Windham, Roy H., Rome, assignor to Burl J. Bandy, Dalton, Ga. Tufting machine and method. 2,311,802; Feb. 23.
- Winding, Charles C., Ithaca, N. Y., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Oil refining. 2,322,554; June 22.
- Winding, Charles C., Ithaca, N. Y., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Adsorbent and treatment of oil therewith. 2,322,555; June 22.
- Wine, William E., Toledo, Ohio. Demountable traction unit for tractor wheels. 2,332,037; Oct. 19.
- Wine, William E., Toledo, Ohio. Tractor wheel. 2,335,372; Nov. 30.
- Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Pressure controlling apparatus. 2,337,582; Dec. 28.
- Winer, Baruch, New York, N. Y. Multiphase continuous fat treating. 2,313,692; Mar. 9.
- Wing, Arthur K., Jr., Chatham, N. J., assignor to Radio Corporation of America. Filamentary cathode. 2,323,364; July 6.
- Wing, Arthur K., Jr., Chatham, N. J., assignor to Radio Corporation of America. Cathode. 2,330,401; Sept. 28.
- Wingard, William F., Baltimore, Md. Borehole deflecting tool. 2,317,010; Apr. 20.
- Wingert, Paul, Montpelier, Ohio. Draft regulator. 2,329,968; Sept. 21.
- Winget Limited. (See Stancliffe, Cecil W., assignor.)
- Wingfoot Corporation. (See Brown, George M., assignor.)
- Wingfoot Corporation. (See Brunner, Elmer F., assignor.)
- Wingfoot Corporation. (See Calvert, William C., assignor.)
- Wingfoot Corporation. (See Carson, Clarence M., assignor.)
- Wingfoot Corporation. (See Clifford, Albert M., assignor.)
- Wingfoot Corporation. (See Clifford, A. M., and Long, assignors.)
- Wingfoot Corporation. (See Cooper, James F., assignor.)
- Wingfoot Corporation. (See Clunan, Albert B., assignor.)
- Wingfoot Corporation. (See D'Ianni, James D., assignor.)

- Wingfoot Corporation. (See Donnell, L. H., and Schnitzer, assignors.)
 Wingfoot Corporation. (See Fehr, Frank E., assignor.)
 Wingfoot Corporation. (See Gardner, Charles E., assignor.)
 Wingfoot Corporation. (See Hardman, Albert F., assignor.)
 Wingfoot Corporation. (See Jones, Lewis H., assignor.)
 Wingfoot Corporation. (See Kilborn, Karl B., assignor.)
 Wingfoot Corporation. (See Kimmich, Elmer G., assignor.)
 Wingfoot Corporation. (See Larkin, Frederic V., assignor.)
 Wingfoot Corporation. (See Lichty, Joy G., assignor.)
 Wingfoot Corporation. (See Liebert, Herman R., assignor.)
 Wingfoot Corporation. (See Long, John R., assignor.)
 Wingfoot Corporation. (See Lyon, George R., assignor.)
 Wingfoot Corporation. (See Mallory, Gerald D., assignor.)
 Wingfoot Corporation. (See Martin, Ralph C., assignor.)
 Wingfoot Corporation. (See McMahan, William W., assignor.)
 Wingfoot Corporation. (See Meyer, Milton S., assignor.)
 Wingfoot Corporation. (See Morris, Thomas C., assignor.)
 Wingfoot Corporation. (See Osterhof, Harold J., assignor.)
 Wingfoot Corporation. (See Palko, Andrew J., assignor.)
 Wingfoot Corporation. (See Pike, C. O., and Snyder, assignors.)
 Wingfoot Corporation. (See Scott, Winfield, assignor.)
 Wingfoot Corporation. (See Scott, W., and Seymour, assignors.)
 Wingfoot Corporation. (See Smith, Claude H., assignor.)
 Wingfoot Corporation. (See Snyder, James E., assignor.)
 Wingfoot Corporation. (See Snyder, J. E., and Cavallito, assignors.)
 Wingfoot Corporation. (See Stephens, Edward W., assignor.)
 Wingfoot Corporation. (See Suloff, Paul D., assignor.)
 Wingfoot Corporation. (See Waters, Rex H., assignor.)
 Wingfoot Corporation. (See Watt, George W., assignor.)
 Wingfoot Corporation. (See Winans, Charles F., assignor.)
 Wingfoot Corporation. (See Woodward, Alva W., assignor.)
 Winkler, Erwin. (See Wiest, W., and Winkler.)
 Winkelmann, Herbert A., assignor to Dryden Rubber Company, Chicago, Ill. Reclaiming neoprene. 2,313,693; Mar. 9.
 Winkelmann, Samuel A. (See Butler, J. K., and Winkelmann.)
 Winkelmeyer, Robert D., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Grommet. 2,311,427; Feb. 16.
 Winkler, Albert H., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,328,763; Sept. 7.
 Winkler, Alfred, M. Dunneber, and K. Gelphe, Neuwed, Germany; vested in the Alien Property Custodian. Machine for the manufacture of envelopes of paper or similar material. 2,322,544; Oct. 26.
 Winkler, Bruno E., Detroit, Mich. Welding gun. 2,322,611; June 22.
 Winkler, Frederik W., Newark, N. J. Solid bowl type of centrifuging apparatus. 2,308,559; Jan. 19.
 Winkler, Fritz. (See Dufschmid, F., Linckh and Winkler.)
 Winkler, John, Cleveland, Ohio. Beater mechanism. 2,321,784; June 15.
 Winkler-Koch Patent Company, The. (See Skowronski, Felix J., assignor.)
 Winkler, Marion R., Chicago, Ill. Electromagnet. 2,321,569; June 15.
 Winkley, Erastus E. (See Hart, G. T., Jr., and Winkley.)
 Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Machine for cutting sheet material. 2,319,896; May 25.
 Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Leveling machine. 2,321,721; June 15.
 Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Leveling machine. 2,322,334; June 22.
 Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Leather manufacturing machine. 2,325,724; Aug. 3.
 Winlock, Joseph, and J. J. MacKinney, assignors to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Welding electrode. 2,322,101; June 15.
 Winlund, Edmond S., Moorestown, N. J., assignor to Radio Corporation of America. Frequency modulation. 2,316,927; Apr. 20.
 Winlund, Edmond S., Moorestown, N. J., assignor to Radio Corporation of America. Frequency modulation. 2,331,821; Oct. 12.
 Winn, Sidney B., Lapeer, Mich. Tractor-trailer. 2,318,038; May 4.
 Winnacker, Karl. (See Boedeker, K., and Winnacker.)
 Winnek, Douglas F., Rye, assignor to Research Corporation, New York, N. Y. Stereo-photography. 2,318,983; May 11.
 Winnek, Philip S., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Sulphonamide derivatives of urea and thiourea. 2,336,907; Dec. 14.
 Winner Manufacturing Company. (See Hains, Daniel B., assignor.)
 Winner Manufacturing Company. (See Hains, D. B., and Haines, assignors.)
 Winning, Carl. (See McNab, J. G., Wilson, and Winning.)
 Winning, Carl, Union, and L. A. Mikeska, Westfield, N. J., assignors to Standard Oil Development Company. Chemical process. 2,331,448; Oct. 12.
 Winning, Clarence H. (See Kirst, W. E., and Winning.)
 Winning, Clarence H., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive composition. 2,314,806; Mar. 23.
 Winning, Clarence H., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive composition. 2,314,807; Mar. 23.
 Winning, Clarence H., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive composition. 2,314,809; Mar. 23.
 Winning, Clarence H., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive composition. 2,314,810; Mar. 23.
 Winning, Clarence H., and R. J. Miller, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive composition. 2,314,808; Mar. 23.
 Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve protective system. 2,329,735; Oct. 21.
 Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve protective system. 2,331,643; Oct. 12.
 Winokar, Maurice, Chelsea, assignor to Federal File Envelope Co., Inc., Boston, Mass. Multiple filing pocket. 2,330,402; Sept. 28.
 Winsor, Bernard D., Brentford, England. Ventilator or window, or similar closure. 2,337,632; Dec. 28.
 Winsick, Anthony, Hamburg, N. Y. Flag holder for automobiles. 2,332,286; Oct. 19.
 Winslow, Charles A., and L. L. Moore, assignors to Winslow Engineering Co., Oakland, Calif. Lubricant purifier. 2,314,640; Mar. 23.
 Winslow Engineering Co. (See Winslow, C. A., and Moore, assignors.)
 Winslow, Samuel J., Taunton, Mass. Mirror. 2,324,049; July 13.
 Winsor, Thomas W., Bremerton, Wash. Automatic start-stop welding generator. 2,328,596; Sept. 7.
 Winston, Harry, Inc. (See Hopp, William J., assignor.)
 Winston, Harry, Inc. (See Mueller, Erhard, assignor.)
 Winter, August P., St. Vital, Manitoba, Canada. Grain weighing and receiving unit. 2,329,969; Sept. 21.
 Winter, Charles V., Barrington, Ill. All in one golf club. 2,329,313; Sept. 14.
 Winter, Ethel M., Drexel Hill, Pa. Body support. 2,308,410; Jan. 12.
 Winter, Fred H. (See Ewing, S. C., and Winter.)
 Winter, Fred H., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,330,101; Sept. 21.
 Winter, Fred H., Schenectady, N. Y., assignor to General Electric Company. Time delay device. 2,336,908; Dec. 14.
 Winter, Joseph W., Penfield, Pa., assignor, by mesne assignments, to Asbestos and Metal Industries Corporation, Dover, Del. Boiler connection. 2,333,968; Nov. 9.
 Winter, Otto W., Grand Island, assignor to Columbus McKinnon Chain Corporation, Tonawanda, N. Y. Welding machine electrode. 2,317,962; Apr. 27.
 Winter, Philip K., Oakland, Calif. Device for frying doughnuts or the like. 2,317,704; Apr. 27.
 Winter, William B., Belmont, assignor to Atlantic Research Associates, Inc., Newtonville, Mass. Apparatus for rapidly drying casein curd and like substances. 2,316,207; Apr. 13.
 Wintercorn, Andrew F. (See Anderson, Charles B., assignor.)
 Wintercorn, Andrew F. (See Nelson, R. S., and Wintercorn.)
 Wintercorn, Andrew F., Rockford, Ill. Electric safety razor. 2,330,853; Oct. 5.
 Winterhalter, Alfred C., Beaumont, Tex., assignor to Sun Oil Company, Philadelphia, Pa. Seismographic prospecting. 2,335,157; July 27.
 Winterhalter, Martin, Morcote-Castello, near Lugano, Switzerland. Separable slide fastener assembling machine. 2,335,034; Nov. 23.
 Winterkorn, Hans F., Columbus, Mo., assignor to The Quaker Oats Company, Chicago, Ill. Bituminous material. 2,314,181; Mar. 16.
 Wintermute, George J., and D. E. Bench, assignors, by mesne assignments, to The Commonwealth Engineering Company of Ohio, Dayton, Ohio. Hydraulic landing gear. 2,318,568; May 4.
 Winters, Alva B., assignor to Revere Electric Manufacturing Co., Chicago, Ill. Fixture mounting. 2,319,175; May 11.
 Winters, Alva B., Evanston, assignor to Revere Electric Manufacturing Company, Chicago, Ill. Illumination of explosive chambers. 2,329,501; Sept. 14.

- Winters, David L., Los Angeles, Calif. Bombing mechanism for aircraft. 2,309,686; Feb. 2.
- Winters, Leo, Detroit, Mich. House trailer. 2,333,910; Nov. 9.
- Winters National Bank and Trust Company, The. (See Blanchard, W. J., and MacNeil, assignors.)
- Winters, Verne W., (See Chapman, T. G., and Winters.)
- Winters, William P., (See Murell, J. H., and Winters.)
- Winters, William P., Cincinnati, Ohio, assignor to American Can Company, New York, N. Y. Electric welding can body. 2,307,089; Jan. 5.
- Winters, William P., Cincinnati, Ohio, assignor to American Can Company, New York, N. Y. Conveyor. 2,319,281; May 18.
- Winther, Martin P., Waukegan, Ill., assignor to M. P. Winther, as trustee. Eddy-current coupling. 2,334,976; Nov. 23.
- Winther, Martin P., Waukegan, Ill., assignor to M. P. Winther, as trustee. Lubricating system. 2,335,557; Nov. 30.
- Winthrop Chemical Company. (See Auerbach, Morris E., assignor.)
- Winthrop Chemical Company. (See Behnisch, Robert, assignor.)
- Winthrop Chemical Company. (See Bockmühl, M., and Persch, assignors.)
- Winthrop Chemical Company. (See Clingstein, H., and Gramann, assignors.)
- Winthrop Chemical Company. (See Fehle, A., Oesterlin, Hermann, and Hampe, assignors.)
- Winthrop Chemical Company, Inc. (See Kuhn, R., and Strobel, assignors.)
- Winthrop Chemical Company. (See Leuchs, Friedrich, assignor.)
- Winthrop Chemical Company. (See Metzsch, F., Klarer, and Behnisch, assignors.)
- Winthrop Chemical Company. (See Pohls, H., and Weikart, assignors.)
- Winthrop Chemical Company. (See Pohls, Paul, assignor.)
- Winthrop Chemical Company. (See Salzer, W., and Andersag, assignors.)
- Winthrop Chemical Company. (See Urbaschat, E., and Heckmanns, assignors.)
- Winthrop Chemical Company. (See Werner, Georg, assignor.)
- Winthrop Chemical Company, Inc. (See Pohls, P., Metzsch, and Rohm, assignors.)
- Winthrop, John, Wyckoff, N. J. Vacuum cleaner. Re. 2,22,334; June 8.
- Winthrop, Guy E., Springfield, Ill. Fluid level indicator. 2,320,502; Sept. 14.
- Windle, Thomas D. G., (See McLaughlin, H. F., Hill, Morgan and Windle.)
- Winton, Lewis B., Greenwich, Conn., assignor to P. A. Jerguson, Medford, Mass. Liquid level indicating system. 2,334,463; Nov. 16.
- Winton, Lewis B., Greenwich, Conn., assignor to P. A. Jerguson, Medford, Mass. Liquid level indicator. 2,337,171; Dec. 21.
- Wisniewski, Maurice G., Gentilly, France; vested in the Alien Property Custodian. Articulation means for artificial dentures. 2,309,084; Jan. 26.
- Wintringham, Andrews C., Glen Ridge, and V. L. King, Bound Brook, N. J., assignors to American Cyanamid Company, New York, N. Y. Melamine purification. 2,324,450; July 13.
- Wintritz, George, Staten Island, N. Y., assignor to Conmar Products Corporation, Bayonne, N. J. Method and apparatus for making the rolls. 2,318,445; May 4.
- Wintriss, George, Cranford, assignor to Conmar Products Corporation, Bayonne, N. J. Tape for slide fasteners. 2,333,352; Nov. 2.
- Wintriss, George, Alexandria, Va., assignor to Conmar Products Corporation, Bayonne, N. J. Apparatus for making slide fasteners. 2,336,662; Dec. 14.
- Wintriss, George, Alexandria, Va., and D. Rabinow, Brooklyn, N. Y., assignors to Conmar Products Corporation, Bayonne, N. J. Manufacture of slide fasteners. 2,335,626; Nov. 30.
- Wintzell, Teodor, Malmö, and N. T. L. Lauritzson, Trelleborg, Sweden. Extraction of sugar process water. 2,332,823; Oct. 26.
- Wiremold Company, The. (See Strang, Perry S., assignor.)
- Wirfel, James W., Ridgewood, N. Y. Fountain-type marking device. 2,316,040; Apr. 6.
- Wirkel, Walter H., assignor to Collins Radio Company, Cedar Rapids, Iowa. Frequency modulation system. 2,327,382; Aug. 24.
- Wirsching, Robert E., Packanack Lake, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone headset. 2,337,953; Dec. 28.
- Wirtel, Arthur F., Kirkwood, and C. M. Blair, Jr., Webster Groves, Mo., assignors to Petrolite Corporation, Ltd., Wilmington, Del. Breaking petroleum emulsions. 2,322,494; June 22.
- Wirth, Emil O., assignor to Bendix Aviation Corporation, South Bend, Ind. Carburetor. 2,328,764; Sept. 7.
- Wirthgen, Erich. (See Nubling, O., and Wirthgen.)
- Wirthman, John C., Delaware, Ohio. Black-out device. 2,325,992; Aug. 3.
- Wirz, A. H., Inc. (See Dresden, Mark K., assignor.)
- Wirz, Herman, Jr., Los Angeles, Calif. Manhole cover. 2,323,886; July 13.
- Wisconsin Chair Company, The. (See Bostwick, D. H., and Bode, assignors.)
- Wisconsin Electric Power Company. (See Drewry, M. K., and Fitze, assignors.)
- Wisconsin Motor Corporation. (See Malbrath, Arthur F., assignor.)
- Wise, Charles H. (See Campbell, V. D., and Wise.)
- Wise, Edmund M., Westfield, and R. F. Vines, Garwood, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Palladium plating baths. 2,335,821; Nov. 30.
- Wise, Elmer L., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Machine for typewriting. 2,325,898; Aug. 3.
- Wise, Elmer L., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,334,464; Nov. 16.
- Wise, Ernest T. (See Cunningham, M. M., and Wise.)
- Wise, George, Brooklyn, N. Y. Torpedo. 2,329,736; Sept. 21.
- Wise, Lawrence, Bronx, assignor to Richard N. Briefer, Brooklyn, N. Y. Sound and picture apparatus. 2,323,638; July 6.
- Wise, Raleigh J., (See Ridings, Garvice H., and Wise.)
- Wise, Raleigh J., Dunellen, and R. D. Parrott, West New York, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Reciprocating facsimile apparatus. 2,311,803; Feb. 23.
- Wise, Raleigh J., Dunellen, L. G. Stewart, Rutherford, and R. D. Parrott, West New York, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. System and apparatus for facsimile telegraphy. 2,315,361; Mar. 30.
- Wise, Raleigh J., Dunellen, and G. H. Ridings, Summit, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Facsimile recording apparatus. 2,315,362; Mar. 30.
- Wise, Raleigh J., Dunellen, and G. H. Ridings, Summit, assignors to The Western Union Telegraph Company, New York, N. Y. Facsimile recorder. 2,336,909; Dec. 14.
- Wise, Ralph H., Detroit, Mich. Chair. 2,309,881; Feb. 2.
- Wise, Raymond O., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Variable frequency bridge stabilized oscillator. 2,319,665; May 25.
- Wiselobd, Nathan, Malden, Mass. Preserving quicklime. 2,323,455; July 6.
- Wisner, George B., Pikeville, Ky. Portable table and carrier. 2,333,135; Nov. 2.
- Wisely, Don C., Los Angeles, Calif. Safety razor. 2,319,361; May 18.
- Wiseman, Walter S., Detroit, Mich. Window lifting and lowering device. 2,331,260; Oct. 5.
- Wishard, Thomas G. (See Robertson, H. J., and Wishard.)
- Wisner, John A., Baltimore, Md. Fountain cleaning device. 2,310,006; Feb. 2.
- Wisniewsky, Bohus S., (See Peshal, Carl M., assignor.)
- Wisschick Plush Mills, Inc. (See McElheney, James H., assignor.)
- Wissler, William A., Niagara Falls, N. Y., assignor to Haynes Stellite Company. Cutting tool. 2,309,371; Jan. 26.
- Wissler, William A., Niagara Falls, N. Y., assignor to Haynes Stellite Company. Cutting tool. 2,309,372; Jan. 26.
- Wissner, Benjamin F., New York, N. Y. Automatic phonograph. 2,318,654; May 11.
- Wisterner, George J., and W. H. Alton, Mo. Sharpener for the blades of sheep shearing machines. 2,337,289; Dec. 21.
- Wisterner, William H. (See Wisterner, George J. and W. H.)
- Witclger, Eugene J., assignor to The Lufkin Rule Company, Saginaw, Mich. Measuring tape. 2,314,915; Mar. 30.
- Withey, George S., Jr., Hudson Falls, assignor to W. & L. E. Gurley, Troy, N. Y. Apparatus for determining the tendency of paper to curl. 2,316,378; Apr. 13.
- Witham, George S., Jr., Hudson Falls, assignor to W. & L. E. Gurley, Troy, N. Y. Apparatus for determining the tendency of paper to shrink. 2,326,088; Aug. 3.
- Witham, Winifred A., East Rochester, assignor to Gleason Works, Rochester, N. Y. Method of finishing gears. 2,317,161; Apr. 20.
- Witherill, Lathrop M., Pensacola, Fla. Sole. 2,328,242; Aug. 31.
- Witherow, Harry M., Clifton, Mass., assignor to General Electric Company. Heavy load indicator for watt-hour meters. 2,324,895; July 20.
- Withington, Winthrop, Shaker Heights, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Combination weed cutter and hoe. 2,337,141; Dec. 21.
- Witmer, Harold G., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Circuit controlling instrument. 2,326,989; Aug. 17.
- Witmer, Harold G., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,336,827; Dec. 14.
- Witt, Harry C., Boston, Mass. Atomizer. 2,314,263; Mar. 16.

- Witte, Paul J. (See Russell, A. W., and Witte.)
- Witte, William H., assignor to General Vender Manufacturing Company, Kansas City, Mo. Geneva gearing. 2,307,476; Jan. 5.
- Wittell, Otto. (See Hood, H. J., and Wittell.)
- Wittell, Otto, and J. L. Boon, assignors to Eastman Kodak Company, Rochester, N. Y. Stereoscopic picture. 2,336,331; Dec. 7.
- Wittell, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Range finder. 2,336,330; Dec. 7.
- Wittmann, Matthew J., Alhambra, Calif. Venetian slat unit. 2,325,458; July 27.
- Wittmann Company, The. (See Lubke, Henry G., assignor.)
- Wittenberg, Edward H., assignor to National Pressure Cooker Company, Eau Claire, Wis. Container construction. 2,331,449; Oct. 12.
- Witter, Claude A., Philadelphia, Pa. Making of shell mites. 2,336,583; Dec. 14.
- Witter, Lawrie L. (See McCann, John J., assignor.)
- Witter, Lawrie L. (See Howard, Albert L., assignor.)
- Wittkuhns, Bruno A. (See Shayne, A., and Wittkuhns.)
- Wittkuhns, Bruno A., Summit, N. J., and A. Shayne, New York, N. Y., assignors to Sperry Products, Inc. Strain gauge for rolling mills and the like. 2,323,267; June 29.
- Wittlinger, Philip D., assignor to William Cooper & Newpews, Incorporated, Chicago, Ill. Identification tag. 2,309,030; Jan. 19.
- Wittman, Richard C., Emporium, Pa. Tractor wheel adapter. 2,318,550; May 4.
- Wittman, Richard C., Emporium, Pa. Humidifier. 2,326,089; Aug. 3.
- Wittmann, Robert A., Chicago, Ill., assignor to Chicago By-Products Corporation. Unit air conditioning system. 2,328,521; Aug. 31.
- Wittmer, Russell J., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Draft and buffing gear. 2,320,839; June 1.
- Wittrick, Louis A., Sidney, Nebr. Rotary tiller. 2,317,841; Aug. 17.
- Witzke, Raymond L., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fault-current neutralizer. 2,329,096; Sept. 7.
- Wobbe, Delbert E., River Forest, Ill., assignor to American Can Company, New York, N. Y. Preparing black plate for can manufacture. 2,326,814; Aug. 17.
- Wobbe, Delbert E., River Forest, Ill., assignor to American Can Company, New York, N. Y. Making can bodies. 2,326,815; Aug. 17.
- Woburn Degreasing Company. (See Van Over, Marquis D. L., assignor.)
- Wochner, Henry, Rock Island, Ill. Brake testing machine for motor vehicles. 2,323,887; July 13.
- Wodal, Francis A., Camden, and J. J. Wodal, West Collingswood, N. J. Cigarette package. 2,330,772; Sept. 28.
- Wodal, Joseph J. (See Wodal, F. A. and J. J.)
- Wochler, Conrad W., Forest Hills, N. Y. Cushion. 2,328,871; Sept. 7.
- Woelfel, Harold M., assignor to The Robert Mitchell Co. Limited, Montreal, Quebec, Canada. Air vent. 2,314,850; Mar. 23.
- Woelfel, Harold M., assignor to The Robert Mitchell Co. Limited, Montreal, Quebec, Canada. Preformed multipane glazing unit. 2,327,974; Aug. 24.
- Wolfer, Frank C., Jr., assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Pump. 2,312,857; Mar. 2.
- Wolfer, Frank C., assignor to The Cincinnati Ball Crank Company, and The Shott Manufacturing Company, Cincinnati, Ohio. Metal table. 2,324,252; July 13.
- Woerner, Alfred, Leuna, Germany, assignor to Standard Catalytic Company, catalytically cracking hydrocarbon oils. 2,319,836; May 25.
- Woerner, Friedrich, Berlin, Germany; vested in the Allen Property Custodian. Cathode ray tube arrangement. 2,332,881; Oct. 26.
- Wohlens, Friedrich H. N., Hempstead, N. Y., assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Furniture packing. 2,331,753; Oct. 12.
- Wohlens, Friedrich H. N., Hempstead, N. Y., assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Fastener. 2,331,754; Oct. 12.
- Wohlfarth, Otto. (See Patzschke, W. K. and Wohlfarth.)
- Wohlfeld, Frederick W., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield construction and assembly. 2,309,724; Feb. 2.
- Wolna, Benjamin A., assignor to L. M. Payne Company, Detroit, Mich. Seat slide structure. 2,336,433; Dec. 7.
- Wojcik, Bruno H., assignor to Hooker Electrochemical Company, Niagara Falls, N. Y. Halogenated alkyl carbonates and producing the same. 2,337,172; Dec. 21.
- Wolcott, Frank E., West Hartford, Conn. Food dispenser. 2,330,183; Sept. 21.
- Wolcott, Frank E., West Hartford, assignor to The Silux Company, Hartford, Conn. Combination pressing and steaming irons. 2,309,427; Jan. 26.
- Wolcott, Frank E., West Hartford, Conn., assignor to The Silux Company. Beverage making device. 2,313,112; Mar. 9.
- Wolcott, Frank E., West Hartford, assignor to The Silux Company, Hartford, Conn. Measuring dispenser. 2,315,473; Mar. 30.
- Wolcott, Frank E., West Hartford, assignor to The Silux Company, Hartford, Conn. Flatiron stand. 2,315,474; Mar. 30.
- Wolcott, Frank E., West Hartford, assignor to The Silux Company, Hartford, Conn. Combination steaming and pressing iron. 2,329,807; Sept. 21.
- Wolf, Abraham, Brooklyn, assignor to Noma Electric Corporation, New York, N. Y. Illuminating device. 2,313,378; Mar. 9.
- Wolf, Arnold M. (See Lermont, B., and Wolf.)
- Wolf, Austin M., Plainfield, N. J. Motor vehicle driving mechanism. 2,317,324; Apr. 20.
- Wolf, Austin M., Plainfield, N. J. Vehicle driving mechanism. 2,333,611; Nov. 2.
- Wolf, Cecil R. (See Ferris, W. D., and Wolf.)
- Wolf, Charles, Portland, Oreg. Chain saw. 2,308,847; Jan. 19.
- Wolf, Charles, Portland, Oreg. Timber saw. 2,327,233; Aug. 17.
- Wolf, Clayton S., New Haven, Conn., assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Briquette carbonizing process using modified tar or pitch binders. 2,314,641; Mar. 23.
- Wolf, Clayton S., New Haven, Conn., assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Acid treatment of coking coals. 2,336,154; Dec. 7.
- Wolf, Darwin M., San Diego, Calif. Soap holder and saver. 2,325,293; July 27.
- Wolf, Elias, et al. (See Junkin, Malcolm P., assignor.)
- Wolf, Frank, Middle Village, Long Island, N. Y. Air cooling wave device. 2,337,954; Dec. 28.
- Wolf, Frank M., Madison, Wis. Feeder. 2,334,368; Nov. 16.
- Wolf, Howard A., et al. (See Junkin, Malcolm P., assignor.)
- Wolf, Howard A. (See Stanger, William D., assignor.)
- Wolf, Jacques, & Co. (See Land, Albert A., assignor.)
- Wolf, Louis, et al. (See Junkin, Malcolm P., assignor.)
- Wolf, Louis, et al. (See Stanger, William D., assignor.)
- Wolf, Walter L., et al. (See Junkin, Malcolm P., assignor.)
- Wolf, Walter L., et al. (See Stanger, William D., assignor.)
- Wolf X-Ray Products Inc. (See Lubow, Morris, assignor.)
- Wolffard, Merl R., Cambridge, Mass. Saw. 2,330,854; Oct. 12.
- Wolffard, Merl R., Cambridge, Mass. Structural span. 2,333,336; Nov. 2.
- Wolfe, Allen K., assignor to Allen-Bradley Company, Milwaukee, Wis. Time delayed reduced voltage control circuit. 2,307,315; Jan. 5.
- Wolfe, Bruce E., assignor to Hamilton Watch Company, Lancaster, Pa. Automatic feeding device. 2,327,849; Aug. 24.
- Wolfe, Herbert J., Maspeth, Long Island, assignor to American Can Company, New York, N. Y. Lithographic printing ink and making the same. 2,324,550; July 20.
- Wolfe, Kenneth R. D., assignor to Fisher Governor Company, Marshalltown, Iowa. Manual change-over regulator. 2,334,977; Nov. 23.
- Wolfe & Lange, Inc. (See Madden, E. G., and Murdock, assignors.)
- Wolfe, Nicholas R., Seattle, Wash. Bumper. 2,329,808; Sept. 21.
- Wolters, Philip, assignor of one-quarter to I. Newton Brozan, Aaron Holman, and J. Stanley Halperin, jointly, all of New York, N. Y. Handle. 2,317,349; Apr. 27.
- Wolpert, Edward R., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,335,027; Nov. 30.
- Wolser, Alfred H., and P. P. Huber, Hillsdale, N. J., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Ammeter. 2,326,909; Aug. 17.
- Wolff, Ernest P. (See Wolff, Esther T. and E. P.)
- Wolff, Esther T., Chicago, Ill., and E. P. Wolff, Curacao, Netherlands, West Indies. Puppet show. 2,327,234; Aug. 17.
- Wolff, Ivan, New York, N. Y. Shirt boards. 2,327,516; Dec. 21.
- Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Frequency meter. 2,307,316; Jan. 5.
- Wolff, Jerome G., assignor to Scovill Manufacturing Company, Waterbury, Conn. Setting snap fasteners and the like. 2,310,007; Feb. 2.
- Wolff, Jerome G., O. J. Huelster, and J. E. Fagan, assignors to Scovill Manufacturing Company, Waterbury, Conn. Apparatus for setting buttons and the like. 2,310,008; Feb. 2.
- Wolfinger, Frank E., administrator. (See Wolfinger, Joseph, Sr.)
- Wolfinger, Joseph, Sr., Dundas, Wis., deceased, Frank E. Wolfinger, administrator. Vegetable slicer. 2,323,760; July 6.

- Wolfram, Arthur, Frankfort-on-the-Main-Roedelheim, and H. Jahn, Bad Soden in Taunus, Germany; vested in the Alien Property Custodian. Resinous condensation products and preparing them. 2,317,842; Apr. 27.
- Wolfram, Arthur, Frankfort-on-the-Main-Roedelheim, and H. Jahn, Bad Soden in Taunus, Germany; vested in Alien Property Custodian. Condensation products and preparing them. 2,322,990; June 29.
- Wolfram, John N. (See Parker, A. L., Margrave and Wolfram.)
- Wolfram, John N. (See Parker, A. L., and Wolfram.)
- Wolfschlaeger, Frank B. (See Hoskin, W. S., and Wolfschlaeger.)
- Wolfsen, Henry M., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical apparatus. 2,310,335; Feb. 9.
- Wolfsen, Isadore D., New York, N. Y. Garment. 2,308,411; Jan. 12.
- Wolfsen, Joseph R. (See Kevorkian, J. D., and Wolfson.)
- Wollensak Optical Company. (See Pirwitz, Friedrich G., assignor.)
- Wollenweber, Julius E., Detroit, Mich., assignor to The American Bottle Company, Toledo, Ohio. Mechanism for and method of charging containers with liquid. 2,328,372; Aug. 31.
- Wollin, Robert H., Milwaukee, Wis. Button. 2,326,593; Aug. 10.
- Wolanski, Stanley, Chicago, Ill. Window shade roller and curtain rod bracket. 2,313,907; Mar. 16.
- Wolter, Erhart, Dusseldorf-Benrath, Germany, assignor, by mesne assignments, to The Pfister & Gamble Company, Cincinnati, Ohio. Process of removing impurities from washed textiles. 2,316,379; Apr. 13.
- Wolters, Carl F., Kenmore, assignor to Remington Rand Inc., Buffalo, N. Y. Punch. 2,318,446; May 4.
- Wolters, Carl F., and N. Y. Anderson, Kenmore, assignors to Remington Rand Inc., Buffalo, N. Y. Drawer suspension. 2,331,529; Oct. 12.
- Wolters, Carl F., Kenmore, and A. H. Tober, assignors to Remington Rand Inc., Buffalo, N. Y. Contact printer. 2,336,663; Dec. 14.
- Wonnack, David R., United States Navy. Adjustable nose splint. 2,319,837; May 25.
- Wonnack, Harry G., Atlanta, Ga. Supporting carriage for wood to be sawed. 2,326,509; Aug. 10.
- Wonscott, Charles N. (See Arnold, George T., assignor.)
- Wonder Weave, Incorporated. (See Cosman, Claus A., assignor.)
- Wood, A. A., & Sons Company, The. (See Bernhardt, Ernest W., assignor.)
- Wood, Alfred R., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle-bar vibrating mechanism. 2,311,194; Feb. 16.
- Wood, Alfred R., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Reinforced seam. 2,323,507; July 6.
- Wood, Alfred R., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feed regulator for sewing machines. 2,334,154; Nov. 9.
- Wood, Casimir J., Hillsborough, assignor to Redwood Manufacturing Co., Pittsburg, Calif. Shutter construction. 2,329,868; Sept. 21.
- Wood, Charles H., Oakland, Calif. Venetian blind. 2,335,892; Dec. 7.
- Wood, Claude O., assignor to Goodman Manufacturing Company, Chicago, Ill. Controller. 2,334,978; Nov. 23.
- Wood, Colinton N., Victoria, British Columbia, Canada. Muffler. 2,330,004; Sept. 28.
- Wood, Conrad, Geneva, assignor to The Fork & Hoe Company, Cleveland, Ohio. Fish lure. 2,319,096; May 11.
- Wood Conversion Company. (See Anderson, David B., assignor.)
- Wood Conversion Company. (See Anway, Herman W., assignor.)
- Wood Conversion Company. (See Heritage, Clark C., assignor.)
- Wood Conversion Company. (See Jones, W. Bartlett, assignor.)
- Wood Conversion Company. (See Lang, Frederick W., assignor.)
- Wood Conversion Company. (See Walter, Henry E., assignor.)
- Wood, Edwin J., Detroit, Mich. Dual flow pipe fitting. 2,326,716; Aug. 10.
- Wood, Everett N., Minneapolis, Minn. Rock crusher. 2,318,039; May 4.
- Wood, Francis G., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Numerical accumulator. 2,334,465; Nov. 16.
- Wood, Frank E., and W. G. Cartter, assignors to Day and Night Water Heater Co., Ltd., Monrovia, Calif. Gas heater. 2,331,950; Oct. 19.
- Wood, Frank J., Riverside, assignor to Goodman Manufacturing Company, Chicago, Ill. Continuous strip pickling and cleaning apparatus. 2,320,499; June 1.
- Wood, Frank J., Riverside, assignor to Goodman Manufacturing Company, Chicago, Ill. Slitter. 2,315,731; May 11.
- Wood, Frank J., Riverside, assignor to Goodman Manufacturing Company, Chicago, Ill. Continuous strip pickling and cleaning device. 2,325,158; July 27.
- Wood, Froment E., Cristo, Cuba. Metallurgical mill reagent feeder. 2,323,268; June 29.
- Wood, Gar, Industries, Inc. (See Barrett, Edward R., assignor.)
- Wood, Gar, Industries, Inc. (See Komph, William L., Sr., assignor.)
- Wood, Gar, Industries, Inc. (See Monahan, John C., assignor.)
- Wood, Gar, Industries, Inc. (See Wood, Louis S., assignor.)
- Wood, Glenn D., assignor to Posture Research Corporation, Elkhart, Ind. Chair. 2,328,243; Aug. 31.
- Wood, Glenn D., assignor to Posture Research Corporation, Elkhart, Ind. Back rest cushioning device for chairs. 2,329,673; Sept. 14.
- Wood, Guy S., and R. A. Farnham, Herkimer, assignors to International Paper Company, New York, N. Y. Molded pulp article. 2,319,966; May 25.
- Wood, Harry F. (See Wahlberg, N. E., and Wood.)
- Wood, Howard B., assignor to Lumelite Corporation, New York, N. Y. Light reflecting stud. 2,317,162; Apr. 19.
- Wood, Howard B., assignor to Lumelite Corporation, New York, N. Y. Light-reflecting element. 2,337,703; Dec. 28.
- Wood, Jess E. (See Dodge, R. D., and Wood.)
- Wood, John, Manufacturing Company. (See Brouse, William H. D., assignor.)
- Wood, John, Manufacturing Company, Inc. (See Demers, Isaac B., assignor.)
- Wood, John, Manufacturing Company. (See Dougherty, Robert J., assignor.)
- Wood, John, Manufacturing Company. (See Ferny, Joseph E., assignor.)
- Wood, John, Manufacturing Company, The. (See Goldberg, M. J., and Willson, assignors.)
- Wood, John, Manufacturing Company. (See Willson, David S., assignor.)
- Wood, John, Manufacturing Company. (See Woodford, J. C., and Ferny, assignors.)
- Wood, John, Manufacturing Company. (See Woodford, J. C., and Maskus, assignors.)
- Wood, John M., Cranston, assignor to Franklin Process Company, Providence, R. I. Apparatus for drying, bleaching, and like treatment of textile materials. 2,314,962; Mar. 30.
- Wood, Joseph D., Bethlehem, assignor, by mesne assignments, to The Pennsylvania Company for Insurances on Lives and Granting Annuities, Philadelphia, Pa. Current protective means. 2,324,451; July 13.
- Wood, Joseph D., Bethlehem, Pa., assignor to Roller-Smith Company. Circuit breaker contact. 2,328,318; Aug. 31.
- Wood, Joseph K., assignor to General Spring Corporation, New York, N. Y. Emergency shutoff for steam lines. 2,325,725; Aug. 3.
- Wood, Joseph K., assignor to General Spring Corporation, New York, N. Y. Supporting and bracing device. 2,335,833; Nov. 10.
- Wood, Joseph K., assignor to General Spring Corporation, New York, N. Y. Variable support hanger. 2,335,834; Nov. 30.
- Wood, Joseph L. (See Gardiner, W. C., and Wood.)
- Wood, Laurence V., Berkeley, Calif. Game. 2,311,106; Feb. 16.
- Wood, Lemuel J. (See Spinello, Matthew, assignor.)
- Wood, Louis S., Grosse Pointe Farms, assignor to Gar Wood Industries, Inc., Detroit, Mich. Dump vehicle construction. 2,326,594; Aug. 10.
- Wood, Louis S., Grosse Pointe Farms, assignor to Gar Wood Industries, Inc., Detroit, Mich. Dump vehicle construction. 2,332,961; Oct. 26.
- Wood, Mallabar & Company Limited. (See Morse, Sydney H., assignor.)
- Wood, Manson E. (See McMordie, J. H. A. S., and Wood.)
- Wood, Morris B., Newbury, assignor to The Chase-Shawmut Company, Newburyport, Mass. Electric fuse. 2,308,435; Jan. 12.
- Wood, Morris B., Newbury, assignor to The Chase-Shawmut Company, Newburyport, Mass. Electrical connector. 2,308,436; Jan. 12.
- Wood, Neal S., et al., trustees. (See Daugherty, Fount F., assignor.)
- Wood Newspaper Machinery Corporation. (See Caffrey, Charles S., assignor.)
- Wood Newspaper Machinery Corporation. (See Lotz, Herbert A., assignor.)
- Wood Newspaper Machinery Corporation. (See Richards, Charles L., assignor.)
- Wood Newspaper Machinery Corporation. (See Roosen, Oscar C., assignor.)
- Wood Newspaper Machinery Corporation. (See Tollison, F. L., and Tornberg, assignors.)
- Wood, Orville T., assignor to Blake Manufacturing Corporation, Clinton, Mass. Flashlight. 2,309,687; Feb. 2.
- Wood, Orville T., assignor to Blake Manufacturing Corporation, Clinton, Mass. Flashlight. 2,338,078; Dec. 28.
- Wood, Otis F., New York, N. Y.; Elizabeth B. W. Distler, administratrix, C. T. A. Trelling and shaping plastic material. 2,334,233; Nov. 16.
- Wood Process Company. (See Cline, McGarvey, assignor.)

- Wood, Raymond E., Downers Grove, assignor, by mesne assignments, to Van Cleef Bros., Chicago, Ill. Mounting means for electrically operated units. 2,313,379; Mar. 9.
- Wood, Robert O., Upper Montclair, N. J. Game apparatus. 2,317,705; Apr. 27.
- Wood, Samuel J., Pittsburgh, Pa. Antiskidding device. 2,308,904; Apr. 19.
- Wood, Straud K., Hutchinson, Kans. License plate. 2,334,466; Nov. 16.
- Wood, Stuart G., Rockford, Ill. Wire stripping tool. 2,313,793; Mar. 16.
- Wood, Sydney M., Lake Bluff, and J. Roe, Chicago, Ill. Building. 2,309,149; Jan. 26.
- Wood, Walter H., Chicago, Ill. Waste fitting. 2,329,368; Sept. 14.
- Wood, William H., Jr., Ansonia, Conn. Water heating unit for oil burners. 2,325,824; Aug. 3.
- Wood, William H., Bedford, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Photographic developer. 2,311,428; Feb. 16.
- Wood, William H., Bedford, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Lithographic plate preparation. 2,328,371; Aug. 31.
- Wood, William S. (See Weber, I. E., and Wood.)
- Woodall Industries Incorporated. (See Nielsen, John P., assignor.)
- Woodall, Rose, Birmingham, Ala. Make-up cabinet. 2,308,139; Jan. 12.
- Woodard, Roger E., Campello, and A. C. MacLean, Brain-tree, assignors, by mesne assignments, to Robert Channing Company, East Bridgewater, Mass. Shoe form. 2,322,267; June 22.
- Woodberry, John H., Metuchen, N. J. Cartridge feeder and orienter. 2,326,816; Aug. 17.
- Woodburn, Chester C., Des Moines, Iowa. Adjustable goal for basketball courts. 2,313,188; Mar. 9.
- Woodbury, Clifford A., Media, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ignition composition. 2,312,741; Mar. 2.
- Woodbury, John B., assignor to Maine Steel, Inc., South Portland, Maine. Material collecting and loading apparatus. 2,307,717; Jan. 5.
- Woodcock, Waldo E. (See Zalewski, W. F., and Woodcock.)
- Woodford, Ira J., Philippe, W. Va. Fountain brush. 2,330,323; Sept. 28.
- Woodford, Joseph C., Spring Lake, and A. G. Maskus, Conshohocken, assignors to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Fluid meter. 2,321,785; June 15.
- Woodford, Joseph C., Spring Lake, and J. E. Fernly, Muskegon Heights, Mich., assignors to John Wood Manufacturing Company, Inc., Philadelphia, Pa. Interlocking and zeroizing mechanism. 2,336,381; Dec. 7.
- Woodhead, Robert C. (See Heeter, E. W., and Woodhead.)
- Woodhouse, John C., Cragmere and K. E. Walker, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydraulically actuated system. 2,316,437; Apr. 13.
- Woodings, Emanuel, Oakmont, assignor to Woodings-Verona Tool Works, Verona, Pa. Combined rail anchor and ballast tamper. 2,314,750; Mar. 23.
- Woodings, Robert T., Oakmont, assignor to Woodings-Verona Tool Works, Verona, Pa. Two-way creep check. 2,324,452; July 13.
- Woodings-Verona Tool Works. (See Woodings, Emanuel, assignor.)
- Woodings-Verona Tool Works. (See Woodings, Robert T., assignor.)
- Woodings, Walter C., Jr. (See Somers, N. C., and Woodings, Jr.)
- Woodington, William B., Washington, D. C. Combination flashlight and testing device. 2,324,661; July 20.
- Woodman, Charles K., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Work-locking mechanism. 2,316,911; Apr. 20.
- Woodman, Kenneth L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical appliance. 2,310,142; Feb. 2.
- Woodman, Kenneth L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steam iron. 2,317,706; Apr. 27.
- Woodman, Kenneth L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Steam iron. 2,337,077; Dec. 21.
- Woodmansee, Hollis D., Cypress, Calif. Apparatus for elevating fluids in wells. 2,307,557; Jan. 5.
- Woodrow, Charles A., Schenectady, N. Y., assignor to General Electric Company. Electric power system. 2,321,444; June 8.
- Woodruff, Albert E., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,324,659; July 20.
- Woodruff, Eugene H., assignor to The Upjohn Company, Kalamazoo, Mich. β -p-methoxyphenylpropyl methylamine. 2,309,150; Jan. 26.
- Woodruff, Eugene H., assignor to The Upjohn Company, Kalamazoo, Mich. β -o-methoxyphenylpropyl methylamines. 2,309,151; Jan. 26.
- Woodruff, Eugene H., assignor to The Upjohn Company, Kalamazoo, Mich. β -p-methoxyphenylpropyl benzylamine. 2,317,012; Apr. 20.
- Woodruff, Eugene H., assignor to The Upjohn Company, Kalamazoo, Mich. β -m-methoxyphenylpropyl benzylamine. 2,317,013; Apr. 20.
- Woodruff, Francis J., assignor of one-half to J. T. Gilmer, Detroit, Mich. Drift. 2,327,297; Aug. 17.
- Woodruff, Herbert H., Detroit, Mich., assignor to International Business Machines Corporation, New York, N. Y. Punching machine. 2,307,177; Jan. 5.
- Woodruff, Maurice D., assignor to The Bauer Brothers Company, Springfield, Ohio. Roaster system. 2,316,208; Apr. 13.
- Woodruff, Moffitt H., Lubbock, and E. W. Todd, Houston, Tex. Power lift. 2,309,152; Jan. 26.
- Woodruff, Rollin W., Portland, Ore. Hair-waving comb. 2,334,737; Nov. 23.
- Woodruff, William N. (See Herschede, W. F., and Woodruff.)
- Woodruff, William N., and C. A. Toce, Houston, Tex., assignors, by mesne assignments, to Vehicular Parking Ltd. Parking meter. 2,328,043; Aug. 31.
- Woodrum, Frank J., Charleston, W. Va. Flush tank float valve assembly. 2,328,701; Sept. 7.
- Woods, Gilbert R., Whittier, assignor to Food Machinery Corporation, San Jose, Calif. Hand truck for carrying box-end stacks. 2,312,461; Mar. 2.
- Woods, John E., Brookline, assignor to Clifford Manufacturing Co., Boston, Mass. Bellows control unit. 2,333,401; Nov. 2.
- Woods, John P., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Method and apparatus for seismic exploration. 2,325,199; July 27.
- Woods, John P., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Seismograph amplitude control. 2,326,206; Dec. 7.
- Woods, Robert J., Grand Island, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Wing construction. 2,318,909; May 11.
- Woods, Robert J., Grand Island, and C. J. Lane, Kenmore, assignors to Bell Aircraft Corporation, Buffalo, N. Y. Compressor lubricating system. 2,307,251; Jan. 5.
- Woods, Robert M., Wheeling, W. Va. Boat. 2,310,380; Feb. 9.
- Woods, T. B., Sons Company. (See Davis, Willard R., assignor.)
- Woods, William H., Garden City, assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,331,012; Oct. 5.
- Woodson, Claude B., San Francisco, Calif. Steering wheel button. 2,331,588; Oct. 12.
- Woodson, Omer L., Eggersville, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Hydraulic tube header. 2,326,990; Aug. 17.
- Woodson, Thomas T. (See Dunham, G. W., Woodson and Bariff.)
- Woodstock Typewriter Company. (See Koca, James F., assignor.)
- Woodward, Alva W., Kent, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Wheel assembly. 2,316,642; Apr. 13.
- Woodward, Burton S., Westerly, R. I., assignor to Delite Fabrics, Inc. Leno fabric. 2,312,226; Feb. 23.
- Woodward, Charles F. (See Willaman, J. J., Woodward, and Badgett.)
- Woodward, Clement A., Dedham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Cord securing device. 2,309,741; Feb. 2.
- Woodward, Clement A., Dedham, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Electrical connection. 2,314,751; Mar. 23.
- Woodward, Edward O., Hollywood, Calif. Inductive reactor. 2,316,928; Apr. 20.
- Woodward Governor Company. (See Drake, George F., assignor.)
- Woodward, Robert F., Minneapolis, Minn., assignor, by mesne assignments, to Minnesota and Ontario Paper Company, Wall. 2,324,971; July 20.
- Woodward, Phebe H., executrix. (See Woodward, W. E. and Filander.)
- Woodward, Teynham, Los Altos, Calif., assignor to Westvaco Chlorine Products Corporation, New York, N. Y. Treating wet solids. 2,335,373; Nov. 30.
- Woodward, Teynham, Los Altos, Calif., assignor to Westvaco Chlorine Products Corporation, New York, N. Y. Manufacture of high-density periclast. 2,335,374; Nov. 30.
- Woodward, William E., deceased, P. H. Woodward, executrix, Forest Hills, and A. H. Filander, New York, N. Y., said Filander, assignor to Lima Locomotive Works, Incorporated, Lima, Ohio. Locomotive construction. 2,318,040; May 4.
- Woodward, William H., Detroit, Mich. Circular saw machine. 2,328,244; Aug. 31.
- Woodward, William H., Detroit, Mich. Miter gauge. 2,329,235; Sept. 14.
- Woodworth, Herbert H. (See Adams, R. C., and Woodworth.)

- Woodworth, John A. (See Zechiel, E. H., and Woodworth.)
- Woodworth, John L., Schenectady, N. Y., assignor to General Electric Company. Carrier current apparatus. 2,324,344; July 13.
- Wooz, Paul, Paris, France; vested in the Alien Property Custodian. Polymerization of olefins. 2,316,380; Apr. 15.
- Woolbridge Manufacturing Company. (See Berner, Leo, assignor.)
- Woolf, William H., and P. P. Korn, New York, N. Y. Pressure-bonded seed wrapper and making same. 2,323,746; July 6.
- Woolf, William L., Bayside, Long Island, N. Y., assignor, by mesne assignments, to Amertype Recordgraph Corporation, Elizabeth, N. J. Sprocket for feeding film. 2,319,282; May 18.
- Woolf, William L., Bayside, Long Island, assignor to Recordgraph Corporation, New York, N. Y. Controlling device for sound record film. 2,328,597; Sept. 7.
- Woolf, William L., Bayside, Long Island, assignor, by mesne assignments, to Recordgraph Corporation, New York, N. Y. Method of splicing organic plastic film. 2,330,855; Oct. 5.
- Woolford Chemical Works, Limited. (See Lilpfer, William J., assignor.)
- Woolford, Curtis S., South Orange, N. J., assignor to American Can Company, New York, N. Y. Sheet treating machine. 2,311,014; Feb. 16.
- Woolhouse, Thomas G. (See Carr, W. F., Woolhouse, and Green.)
- Woolley, Louis A., Xenia, Ohio. Exercising device. 2,324,970; July 20.
- Woolridge, William W., Beverly, Mass., assignor to United Shoe Machinery Corporation, Flemington, N. J. Heel-attaching machine. 2,309,153; Jan. 26.
- Woolsey, Homer J., E. A. Campbell, and C. Jenkins, Tulsa, Okla., assignors to Lee C. Moore & Company, Inc., Pittsburgh, Pa. Mast structure. 2,332,479; Oct. 19.
- Wooster Brass Company, The. (See Schelling, J. C., Hunter, Housekeeper, and Calhoun, assignors.)
- Wooster, Philip A. (See Price, Laurence L., assignor.)
- Wooster, Philip A., San Rafael, Calif. Supply control for paper towel dispensers. 2,334,689; Nov. 23.
- Wooten, Leland A. (See Brown, J. R. C., Jr., and Wooten.)
- Wooters, Percival C., Meadville, Pa., assignor to Talon, Inc. Plating metal fasteners. 2,334,054; Nov. 9.
- Worcester, Charles B., Riverside, Calif. Portable photographing unit. 2,314,642; Mar. 23.
- Worcester Film Corporation. (See Ramsdell, Floyd A., assignor.)
- Worcester, Joseph A., Jr., Fairfield, Conn., assignor to General Electric Corporation. Converter circuits. 2,309,031; Jan. 19.
- Worden, Edward M., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Cutting machine. 2,314,535; Mar. 23.
- Worden, R. B., Granger, Wash. Fishing line attachment. 2,326,510; Aug. 10.
- Worden, R. B., Granger, Wash. Snelled hook. 2,333,503; Nov. 2.
- Worden, Van C. (See Bicknell, G. M., and Worden.)
- Work, Robert H. (See O'Kelly, A. A., and Work.)
- Workman, Myrtle F., San Diego, Calif. Fountain art brush. 2,315,996; Apr. 6.
- Workman, Walter J., Chicago, Ill. Fuel burner. 2,322,496; June 22.
- Worm, Oscar, Chemnitz, Germany; Alien Property Custodian. Device for drawing off welts. 2,308,237; Jan. 12.
- Wormer, Peter. (See Bambenek, J. B., Hein, and Wormer.)
- Worner, George R., assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer construction. 2,320,993; June 8.
- Worrell, Ella D. (See Crowder, Alfred G., assignor.)
- Wortendyke, Raymond D. (See Ernst, H., and Wortendyke.)
- Worth, Joseph, Flushing, assignor to D. F. H. Novelty Furniture Co., Inc., Brooklyn, N. Y. Auxiliary table top. 2,311,149; Feb. 16.
- Worth, Weldon, Dayton, Ohio. Viscosity control valve. 2,317,427; Apr. 27.
- Worthen, Eugene P., East Weymouth, Mass., assignor, by mesne assignments, to Buena Vista Iron Company. Combination low pressure feed heater. 2,325,044; Aug. 31.
- Worthen, Eugene P., East Weymouth, Mass., assignor to Buena Vista Iron Company. Feed-water heater. 2,328,045; Aug. 31.
- Worthington-Gamon Meter Company. (See Trager, Leon, assignor.)
- Worthington, George Y., III, Washington, D. C., and D. T. Thomas, Takoma Park, Md. Anchoring device for awnings. 2,327,147; Aug. 17.
- Worthington, James B., and V. Bartley, Oklahoma City, Okla. Micro-projector. 2,312,294; Feb. 23.
- Worthington Mower Company. (See Blair, John I., assignor.)
- Worthington Mower Company. (See Blair, J. I., and Imbt, assignors.)
- Worthington Pump and Machinery Corporation. (See Diserens, Paul, assignor.)
- Worthington Pump and Machinery Corporation. (See Diserens, P., Karig, and O'Connell, assignors.)
- Worthington Pump and Machinery Corporation. (See Robinson, Merrill P., assignor.)
- Worthington Pump and Machinery Corporation. (See Schorer, Otto J., assignor.)
- Worthington Pump and Machinery Corporation. (See Sebald, Joseph F., assignor.)
- Worthington Pump and Machinery Corporation. (See Sebald, Joseph H., and Joseph F., assignors.)
- Worthington, Roland B., Kansas City, Mo. Container. 2,320,840; June 1.
- Worthington, Wayne H., assignor to John Deere Tractor Company, Waterloo, Iowa. Engine lubricating system. 2,318,276; May 4.
- Wotton, Edward, Chicago, Ill. Device for cleaning side wall ports in cylinders. 2,321,786; June 15.
- Wotton, Edward, Chicago, Ill. Vehicle advertising sign retainer and the like. 2,337,517; Dec. 21.
- Wottring Instrument Company, The. (See Wottring, Le Roy, assignor.)
- Wottring, Le Roy, Altadena, Calif., assignor to The Wottring Instrument Company, Amherst, Ohio. Orthoptic instrument. 2,316,139; Apr. 6.
- Wouters, Otto J., Zwolle, Netherlands; vested in the Alien Property Custodian. Process for the production of solid milk products. 2,319,362; May 18.
- Woytch, Raymond M., assignor to Giddings & Lewis Machine Tool Company, Fond du Lac, Wis. Machine tool. 2,325,294; July 27.
- Wrathall, Leishman R., River Edge, N. J., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Modulation of carrier frequencies. 2,311,796; Feb. 23.
- Wrathall, Leishman R., River Edge, N. J., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Phase modulation. 2,320,963; June 1.
- Wratschko, Joseph, New Britain, Conn. Hose supporter. 2,315,237; Mar. 30.
- Wray, Perry H. (See Edge, D., and Wray.)
- Wright Aeronautical Corporation. (See Brown, Perry W., assignor.)
- Wright Aeronautical Corporation. (See Browne, Kenneth A., assignor.)
- Wright Aeronautical Corporation. (See Browne, K. A., and Sollinger, assignors.)
- Wright Aeronautical Corporation. (See Goodman, Willard B., assignor.)
- Wright Aeronautical Corporation. (See Goodman, W. B., and Hobeln, assignors.)
- Wright Aeronautical Corporation. (See Hunter, D. U., Moore, Modrovsky, assignors.)
- Wright Aeronautical Corporation. (See Jenny, Robert W., assignor.)
- Wright Aeronautical Corporation. (See Kincaid, Frank M., Jr., assignor.)
- Wright Aeronautical Corporation. (See Larsen, Waldeemar F., assignor.)
- Wright Aeronautical Corporation. (See Pierce, Erol F., assignor.)
- Wright Aeronautical Corporation. (See Pierce, E. F., and Weigand, assignors.)
- Wright Aeronautical Corporation. (See Steiner, Edward C., assignor.)
- Wright Aeronautical Corporation. (See Taylor, Edward S., assignor.)
- Wright, Alvin C., Grand Rapids, Mich. Swivel mount for striking bags. 2,322,081; June 15.
- Wright, Archibald J., Pelham Manor, N. Y. Folding cot and chair. 2,337,955; Dec. 28.
- Wright, Arthur. (See Lissauer, A. W., and Wright.)
- Wright, Arthur, Forest Hills, N. Y. Spoon for citrus fruits. 2,320,994; June 8.
- Wright, Arthur, Forest Hill, N. Y. Manufacture of umbrellas. 2,327,088; Aug. 24.
- Wright, Arthur E. (See Jamison, Clarence B., assignor.)
- Wright, Arthur J., Dallas, Tex. Curvometer. 2,311,804; Feb. 23.
- Wright, Burchard U., Eastchester, N. Y., and P. V. McKinney, Pittsburgh, Pa.; said McKinney assignor to Texas Gulf Sulphur Company. Printing of molten sulphur. 2,331,951; Oct. 19.
- Wright, Burdette S., Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Aerodynamic brake operating means. 2,335,035; Nov. 23.
- Wright, Charles F., Akron, Ohio, assignor to The Diamond Match Company, New York, N. Y. Cover feeding, scoring, and folding means for match booking machines. 2,313,609; Mar. 9.
- Wright, Clyde E., Elyria, assignor to The Ridge Tool Company, North Ridgeville, Ohio. Yoke vise. 2,318,566; May 4.
- Wright, Clyde E., Elyria, assignor to The Ridge Tool Company, North Ridgeville, Ohio. Pipe cutter. 2,325,353; July 27.
- Wright, Daniel K. (See Cotman, C. A., and Wright.)
- Wright, Daniel K., Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp. 2,324,972; July 20.
- Wright, Donald H., Garden City, N. Y. Blackout shield. 2,316,305; Apr. 13.

- Wright, Donald L., Westfield, and C. W. Bohmer, Jr., Elizabeth, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Lubricant. 2,335,331; Nov. 30.
- Wright, E. Stanley, doing business as Wright & Company. (See Cushing, George W., assignor.)
- Wright, Edgar E. (See Ehrhardt, R. A., and Wright.)
- Wright, Ernest B., Jr. (See Jacob, G. N., Jr., and Wright, Jr.)
- Wright, Frank L., Stamford, Conn., and G. V. Luerssen, Mühlenberg Park, assignors of one-half to The Carpenter Steel Company, Reading, Pa., and one-half to Norma-Hoffmann Bearings Corporation, Stamford, Conn. Alloy steel antifriction bearing element. 2,325,088; July 27.
- Wright, Frederick C., et al. (See Opp, Fred W., assignor.)
- Wright, George C., assignor to Gyproc Products Limited, London, England. Wall and ceiling construction. 2,307,653; Jan. 5.
- Wright, Harold B., assignor to Fisher Governor Company, Marshalltown, Iowa. Pressure regulator. 2,323,888; July 13.
- Wright, Harry. (See Kelsey, R. A., and Wright.)
- Wright, Helen E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of rubber articles. 2,335,139; Nov. 23.
- Wright, Horace C., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Shearing comb. 2,308,223; Jan. 12.
- Wright, Horace C., Chicago, Ill., assignor to Chicago Flexible Shaft Company. Sprinkler. 2,335,332; Nov. 30.
- Wright, John B., Lovington, Va. Saw. 2,319,176; May 11.
- Wright, John T., West Warren, Mass., assignor to The William E. Wright & Sons Company. Display box. 2,313,694; Mar. 9.
- Wright, John T., West Warren, Mass.; assignor to The William E. Wright & Sons Company. Package cover. 2,316,657; Apr. 13.
- Wright, John W., assignor to The Fry-Fryter Company, Dayton, Ohio. Fire extinguisher. 2,321,538; June 8.
- Wright, John W., assignor to The Fry-Fryter Company, Dayton, Ohio. Fire extinguisher. 2,330,940; Oct. 5.
- Wright, Le Moine, Worcester, Mass. Rubber product and making same. 2,320,691; June 1.
- Wright, Leo J. (See Moffat, R., and Wright.)
- Wright, Martha H., et al. (See Creighton, Thomas A., assignor.)
- Wright, Paul, Birmingham, Ala. Furnace with reflex arch. 2,316,381; Apr. 13.
- Wright, Paul, Birmingham, Ala. Discharging hopper. 2,319,177; May 11.
- Wright Products, Inc. (See Olson, Carl, assignor.)
- Wright, Richard H., Cleveland Heights, Ohio. Black-out Venetian blind. 2,322,612; June 22.
- Wright, Russell W., Sioux City, Iowa. Automatically closing pressure release valve. 2,322,960; June 29.
- Wright, Sumner B., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Two-way television and speech television. 2,314,471; Mar. 23.
- Wright, Theodore M. (See Osborne, F. H., and Wright.)
- Wright, Wallace C., Brookfield, N. H. Preformed welt for boot and shoe construction. 2,329,314; Sept. 14.
- Wright, William E., & Sons Company, The. (See Wright, John T., assignor.)
- Wright, William F., New Orleans, La., assignor to Pennsylvania Flexible Metallic Tubing Co., Inc., Philadelphia, Pa. Rivet receiver. 2,311,797; Feb. 23.
- Wright, William S., Newark, assignor to The Hoover Company, Canton, Ohio. Removing ice cubes from freezing trays. 2,320,542; June 1.
- Wright's Automatic Tobacco Packing Machine Company. (See Talbot, Richard C., assignor.)
- Wright's Automatic Tobacco Packing Machine Company. (See Talbot, R. C., and Beyer, assignors.)
- Wrigley, Walter. (See Draper, C. S., and Wrigley.)
- Wrigley, Wm., Jr., Company. (See Ranney, W. B., and Ruhl, assignors.)
- Writzmann, Alex A. (See Millermaster, R. A., and Writzmann.)
- Wroby, Norman W. (See Harris, J. M., Jr., Wroby, and Brown.)
- Wrona, Frank S., Aurora, Ill. Military tank. 2,319,178; May 11.
- Wronke, Louis J. (See Mattes, H. C., and Wronke.)
- Wrought Washer Mfg. Co. (See Caldwell, Eugene, assignor.)
- Wuertz, Alexander J., and M. S. Whelen, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,310,143; Feb. 2.
- Wuertz, Alexander J., and D. P. Graham, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,312,462; Mar. 2.
- Wuertz, Alexander J., Wilmington, Del., and H. B. Gottlieb, Pittman, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuff intermediates. 2,329,023; Sept. 7.
- Wuertz, Alexander J., and D. X. Klein, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyes of the anthraquinone acid wool dyestuff series. 2,329,809; Sept. 21.
- Wuertz, Alexander J., Wilmington, Del., H. R. Lee, Pittman, N. J., and E. C. Buxbaum, Swarthmore, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Acid wool dyestuffs of the anthraquinone series. 2,333,402; Nov. 2.
- Wuertz, Alexander J., M. A. Perkins, and W. T. Granger, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Vat dyestuffs of the anthraquinone series. 2,334,891; Nov. 23.
- Wuertz, Alexander J., and R. N. Lulek, Wilmington, Del., and W. L. Rintelman, Glassboro, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,334,892; Nov. 23.
- Wulf, William, New York, N. Y. Garment construction. 2,316,983; Apr. 20.
- Wulff, John, Cambridge, Mass. Lubricant. 2,334,738; Nov. 23.
- Wulff Process Company. (See Hasche, R. L., and Hincke, assignors.)
- Wulzinger, Karl. (See Boie, H., and Wulzinger.)
- Wunderer, Anton, Wiesbaden-Biebrich, Germany; vested in the Alien Property Custodian. Manufacture of sheets or bands from highly viscous cellulose solutions. 2,325,574; July 27.
- Wunderlich, Karl. (See Nerwin, H., and Wunderlich.)
- Wunderly, Charles X. (See Barlow, Joseph R., assignor.)
- Wünsch, Guido, and A. Krüssmann, Berlin, Germany; vested in the Alien Property Custodian. Device for remote control. 2,319,363; May 18.
- Wunsch, Wilhelm H. G., and E. J. A. Rolland, Brussels, Belgium; vested in the Alien Property Custodian. Carburetor for obtaining gaseous mixtures for internal combustion engines. 2,322,991; June 29.
- Wupperman, Alfred O., New Orleans, La. Fan. 2,308,140; Jan. 12.
- Wurdack, William, Jr., University City, assignor to Wm. Wurdack Electric Manufacturing Company, St. Louis, Mo. Electrical switch. 2,337,791; Dec. 28.
- Wurdack, Wm., Electric Manufacturing Company. (See Smith, George R., assignor.)
- Wurdack, Wm., Electric Manufacturing Company. (See Wurdack, William, Jr., assignor.)
- Wurlitzer, Rudolph, Company, The. (See Hokanson, Otto A., assignor.)
- Wurlitzer, Rudolph, Company, The. (See Hull, C. J., and Osborne, assignors.)
- Wurlitzer, Rudolph, Company, The. (See Miller, John A., assignor.)
- Wurlitzer, Rudolph, Company, The. (See Osborne, Fred H., assignor.)
- Wurlitzer, Rudolph, Company, The. (See Osborne, F. H., and Hull.)
- Wurlitzer, Rudolph, Company, The. (See Osborne, F. H., and Young, assignors.)
- Wurlitzer, Rudolph, Company, The. (See Socin, Francis C., assignor.)
- Wurlitzer, Rudolph, Company, The. (See Walt, A. J., and Rahnberg, assignors.)
- Würth, Wilhelm, Berlin, Germany, assignor to General Electric Company. Contact amplifier. 2,320,208; May 25.
- Wurton Machine Company. (See Touton, Rush D., assignor.)
- Wuritz, Clifford H., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,322,495; June 22.
- Wurzbach, Hugh E., Magna, Utah. Feed control system. 2,336,434; Dec. 7.
- Wurzburg, Francis L., Jr. (See Hardy, A. C., Wurzburg, Jr., and Dench.)
- Wurzeny, Herbert. (See Galster, B., Mansel, Voigt, and Wißteney.)
- Wyandotte Chemicals Corporation. (See Burkard, Perle N., assignor.)
- Wyandotte Chemicals Corporation. (See Heard, Joseph R., Jr., assignor.)
- Wyandotte Chemicals Corporation. (See Hughes, A. E., Browne, and Roderick, assignors.)
- Wyandotte Chemicals Corporation. (See Mericola, F. C., and Roderick, assignors.)
- Wyant, Fred E., Anderson, Ind. Orthopedic appliance. 2,310,824; Feb. 9.
- Wyatt, James R., Llanerch, assignor to Ajax Electric Furnace Corporation, Philadelphia, Pa. Induction furnace. 2,320,692; June 1.
- Wyatt, William P. (See Rowley, C. H., and Wyatt.)
- Wyckoff, Amos A., assignor to B. L. Youney, Oakland, Calif. Faucet. 2,310,455; Feb. 9.
- Wyckoff, George G., Chicago, Ill. Door stopping and holding device. 2,327,298; Aug. 17.
- Wyckoff, Ralph D., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Apparatus for measuring magnetic fields. 2,334,593; Nov. 16.
- Wyeth, Nathaniel C. (See Johnson, C. R., Nydegger, and Wyeth.)
- Wyeth, Nathaniel C., Paterson, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Predetermining counter. 2,313,189; Mar. 9.

- Wykes, Thomas E., Grand Rapids, Mich. Paper baler. 2,330,165; Sept. 21.
- Wyland, J. W., & Sons, Inc. (See Wyland, William C., assignor.)
- Wyland, William C., Alhambra, assignor to J. W. Wyland & Sons, Inc., San Gabriel, Calif. Machine for grading eggs by weight. 2,311,732; Feb. 23.
- Wylid, Reginald G. (See Nelson, C. R., and Wylid.)
- Wyman, Bryce W., Yendon, Pa., assignor to General Electric Company. Gas blast circuit breaker. Re. 23,298; Apr. 6.
- Wyman, Edwin T., Brookline, Mass. Vehicle signal device. 2,307,441; Jan. 5.
- Wyman, Edwin T., Brookline, Mass. Puncture-sealing pneumatic tube. 2,325,354; July 27.
- Wyman, Floyd H., Toccoa, Ga., assignor to R. G. Le Tourneau, Inc. Spreader. 2,310,306; Apr. 13.
- Wyman, Floyd H., Toccoa, Ga., assignor to R. G. Le Tourneau, Inc. Shell casing supporting and protector ring. 2,324,184; July 13.
- Wynd, Clarence L. A., and G. T. Lane, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic process. 2,322,082; June 15.
- Wynd, Clarence L. A., and G. T. Lane, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic element. 2,322,038; Oct. 19.
- Wyne, Samuel J., Riverport, N. Y., assignor to Cities Service Oil Company, New York, N. Y. Method and apparatus for preparing dispersions. 2,333,456; Nov. 2.
- Wynne, Charles G. (See Warmisham, A., and Wynne.)
- Wyrick, Clayton E., assignor to The Egly Register Company, Dayton, Ohio. Collating machine. 2,327,689; Aug. 24.
- Wyrick, Clayton E., Miami, Fla., assignor to The Egly Register Company, Dayton, Ohio. Finger print register. 2,333,065; Oct. 26.
- Wyrick, Edward. (See Gora, J. J., and Wyrick.)
- Wysong, Marcellus E., New York, N. Y., assignor, by mesne assignments, to Wysong Plastic Coating Corporation, Springfield, Mass. Coating and applying same. 2,335,333; Nov. 30.
- Wysong Plastic Coating Corporation. (See Wysong, Marcellus E., assignor.)
- X Chemicals, Incorporated. (See Moore, David P., assignor.)
- Xenis, C. P., Little Neck, W. P., Halesite, and R. E. King, Brooklyn, assignors to Consolidated Edison Company of New York. Method and apparatus for indicating average rate of intermittent operations. 2,333,758; Nov. 9.
- Xiques, Hippolyte R., New Orleans, La. Boat stern and propeller assembly. 2,328,939; Sept. 7.
- Yablin, Allan D., Chicago, Ill. Making foot balls. 2,327,299; Aug. 17.
- Yadon, John M., Oakland, Calif., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Terminal connector. 2,326,090; Aug. 3.
- Yaffa, Alexander, Boston, Mass. Bracket for cartons. 2,315,573; Apr. 6.
- Yager, William A., New Providence, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Dielectric material. 2,319,538; May 25.
- Yakee, Fred M., Mayville, Wis. Top for cans. 2,323,436; July 6.
- Yakes, Frank, Jr., Lafayette, Colo. Stemming dummy. 2,307,252; Jan. 5.
- Yale & Towne Manufacturing Company, The. (See Archer, Sylvanus M., assignor.)
- Yale & Towne Manufacturing Company, The. (See Fellows, Fred H., assignor.)
- Yale & Towne Manufacturing Company, The. (See Framheim, Herbert J., assignor.)
- Yale & Towne Manufacturing Company, The. (See Golden, A. H., and Ledin, assignors.)
- Yale & Towne Manufacturing Company, The. (See Lock, Frank, assignor.)
- Yale & Towne Manufacturing Company, The. (See Quayle, George, assignor.)
- Yale & Towne Manufacturing Company, The. (See Ramsell, H. G., and Taylor, assignors.)
- Yale & Towne Manufacturing Company. (See Schroeder, Charles S., assignor.)
- Yale & Towne Manufacturing Company. (See Ulinski, Bronislava, assignor.)
- Yamashita, Shun-ichi, Kamikyoku, Kyoto, and T. Yoshizaki, Asahiko, Osaka, Japan, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Preparing amino-sulphonic acids substituted in the amino-group by acyl radicals of fatty acids. 2,313,695; Mar. 9.
- Yanagida, Kyozo. (See Hiroimi, T., and Yanagida.)
- Yancey, John R., assignor to Gray Tool Company, Houston, Tex. Oil well equipment. 2,312,205; Feb. 23.
- Yanchenko, Basil J., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Two-hand control. 2,321,171; June 8.
- Yanchenko, Basil J., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Safety control for riveting machines and the like. 2,324,660; July 20.
- Yanchenko, Basil J., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Two-hand control. 2,328,765; Sept. 7.
- Yanchenko, Basil J., assignor to The Prosperity Company, Inc., Syracuse, N. Y. Safety control for machines having opening and closing movements. 2,337,143; Dec. 21.
- Yankel Metal Products Corp. (See Reed, Daniel E., assignor.)
- Yanke, Ralph D., Kansas City, Mo. Apparatus for supporting and spacing reinforcing devices. 2,334,369; Nov. 16.
- Yanovsky, Stephan, Brussels, Belgium, vested in the Allen Property Custodian. Recoil operated machine gun fire control mechanism. 2,319,839; May 25.
- Yant, Chester W. (See Schmidt, E. G., and Yant.)
- Yant, William P. (See Puntin, C. W., and Yant.)
- Yant, William P., Pittsburgh, Pa., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Protective hat. 2,312,227; Feb. 23.
- Yant, William P., Murrysville, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Valve. 2,313,827; May 11.
- Yarborough, William P. (See Wilson, H., and Yarborough.)
- Yard-Man, Inc. (See Funk, Truman B., assignor.)
- Yarnan, Paul J. (See Morris, J. C., and Yarnan.)
- Yarnall, David R., assignor to Yarnall Waring Company, Philadelphia, Pa. Indicator gauge construction. 2,315,238; Mar. 30.
- Yarnall, David R., Philadelphia, assignor to Yarnall-Waring Company, Chestnut Hill, Philadelphia, Pa. Liquid level gauge. 2,330,102; Sept. 21.
- Yarnall-Waring Company. (See McKee, John F., assignor.)
- Yarnall-Waring Company. (See Yarnall, David R., assignor.)
- Yaro, Jacob D. (See Weidner, R., and Yaro.)
- Yasenov, Dultry A., Sverdlovsk, and M. A. Perevalov, Moscow, Union of Soviet Socialist Republics. Discharging device for ball mills. 2,337,704; Dec. 28.
- Yates, Charles E., Perth Amboy, N. J., assignor to Anacoda Copper Mining Company, Stripping electrodeposited metal sheets. 2,330,103; Sept. 21.
- Yates, George, Glendale, Calif. Sheet metal clamp. 2,327,148; Aug. 17.
- Yates, Henry B., Fairfield, Conn. Safety air nozzle. 2,320,964; June 11.
- Yates, John, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Tea bag and making the same. 2,313,699; Mar. 9.
- Yates, John, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging compressible commodities. 2,327,766; Sept. 7.
- Yates, Lloyd E., St. Louis, Mo. Sorting case. 2,313,794; Mar. 16.
- Yates, Richard, East Rochester, assignor to Paul Folger, Rochester, N. Y. Resilient tire for wheels. 2,323,761; July 6.
- Yauck, Edwin C., Brighton, and J. Dessauer, Irondequoit, assignors to The Haloid Company, Rochester, N. Y. Duplex photographic material. 2,320,693; June 1.
- Yauney, Bernice L. (See Wyckoff, Amos A., assignor.)
- Yaydinsky, Julius A., New York, N. Y. Airship. 2,319,067; May 25.
- Yavitch, Morris, Los Angeles, Calif. Strainer for plumbing fixtures. 2,317,707; Apr. 27.
- Yavitch, Morris, Los Angeles, Calif. Water heater with safety drain. 2,328,245; Aug. 31.
- Yden, Esther N., Colbert, Wash. Bottle scrubber. 2,334,690; Nov. 23.
- Yenger, Anton J., assignor to Prentiss Wabers Products Co., Wisconsin Rapids, Wis. Starter burner. 2,326,332; Dec. 7.
- Yendall, Aubrey I., and A. W. Kelly, Baltimore, Md. Instantaneous beverage cup. 2,328,574; Sept. 7.
- Yeater, Douglas R. (See Yeater, Paul J. and D. R.)
- Yeater, Paul J. and D. R., Salem, Oreg. Safety pedal for bicycles. 2,315,380; Mar. 30.
- Yeatman, Walter C., Los Angeles, Calif. Artery type rotary pump. 2,336,580; Dec. 14.
- Yee, Jew Y., and R. O. E. Davis, Washington, D. C., assignors to C. R. Wickard, as Secretary of Agriculture of the United States of America, and to his successors in office. Production of non-caking fertilizer materials. 2,307,253; Jan. 5.
- Yeida, John O., Herculeanum, assignor to Automatic Control Corporation, St. Louis, Mo. Control means. 2,333,066; Oct. 26.
- Yeida, John O., Herculeanum, assignor to Automatic Control Corporation, St. Louis, Mo. Hose clamp. 2,335,985; Dec. 7.
- Yelinek, Gustav H., La Porte, Ind., assignor, by mesne assignments, to The Imperial Brass Manufacturing Company, Chicago, Ill. Anchored flexible coupling. 2,322,682; Oct. 26.
- Yellow Truck & Coach Manufacturing Company. (See Schjolin, Hans O., assignor.)
- Yellow Truck & Coach Manufacturing Company. (See Zampol, Peter, assignor.)
- Yelm, Charles W., assignor to The Gates Rubber Company, Denver, Colo. Picker. 2,324,752; July 20.
- Yendall, Edward F. (See Kornemann, H. C., and Yendall.)

- Yendall, Edward F., and H. C. Kornemann, Kenmore, N. Y., assignors to The Linde Air Products Company. Process of and apparatus for conserving gas material. 2,321,445; June 8.
- Yensen, Arthur E., Lowell, Nebr. Shovel. 2,318,277; May 4.
- Yeomans Brothers Company. (See Yeomans, Charles, assignor.)
- Yeomans Brothers Company. (See Yeomans, C., and Jeffrey, assignors.)
- Yeomans, Charles, Hubbard Woods, Ill., assignor to Yeomans Brothers Company. Leveling support for sewage distributors. 2,314,182; Mar. 16.
- Yeomans, Charles, Hubbard Woods, and H. T. Jeffery, assignors to Yeomans Brothers Company, Chicago, Ill. Sewage treatment apparatus. 2,323,437; July 6.
- Yeomans, Lucien I., assignor of one-half to G. F. Bryant, Chicago, Ill. Machining metal blanks. 2,314,183; Mar. 16.
- Yeomans, Lucien I., assignor of one-half to G. F. Bryant, Chicago, Ill. Method and machine for metalworking. 2,335,720; Nov. 30.
- Yeomans, Lucien I., Incorporated. (See Clausen, De Witt, assignor.)
- Yeoman, Carlos S., Schenectady, N. Y., assignor to General Electric Company. Oscillation generator. 2,323,956; July 13.
- Yerkovich, Simon. (See Bossmeyer, C. L., and Yerkovich.)
- Yerkovich, Simon, Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Phonograph. 2,318,828; May 11.
- Yerick, William D., and E. A. Lundstrom, Wellsville, assignors to The Air Preheater Corporation, New York, N. Y. Rotary reactor. 2,337,956; Dec. 28.
- Yerton, George B., New York, N. Y. Curtain and drapery hanger for windows. 2,309,725; Feb. 2.
- Yindrock, John J. (See Stenzel, E., and Yindrock.)
- Yingling, Frank B., Hamilton, Ohio. Valve cooling means. 2,310,144; Feb. 2.
- Yingling, Frank B., Hamilton, Ohio. Two-cycle engine. 2,322,961; June 29.
- Yingve, Victor, Lakewood, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Stabilized vinyl resins. 2,307,090; Jan. 5.
- Yingve, Victor, Lakewood, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Vinyl resin molding compositions. 2,307,091; Jan. 5.
- Yingve, Victor, Lakewood, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Stabilized artificial resins. 2,307,092; Jan. 5.
- Yingve, Victor, Lakewood, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Vinyl resin phonograph records. 2,307,180; Jan. 5.
- Yingve, Victor, Lakewood, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Vinyl resin phonograph records. 2,325,986; Dec. 7.
- Yoch, August H., Philadelphia, Pa., assignor to Air Reduction Company, Incorporated, New York, N. Y. Billet nicking machine. 2,317,239; Apr. 20.
- Yochem, Donald E., Columbus, assignor to L. S. D., Inc., Dayton, Ohio. Apparatus for washing and rinsing dishes, silverware, and the like. 2,317,014; Apr. 20.
- Yocum, Paul A., Barborton, Ohio. Rubber band dispenser. 2,328,522; Aug. 31.
- Yoder, Carl M., Lakewood, Ohio. Machine for operating on the side edges of sheet metal stock. 2,318,732; May 11.
- Yoder, Carl M., Lakewood, Ohio. Apparatus for operating on sheet material. 2,335,334; Nov. 30.
- Yoder, Lester, assignor to Iowa State College Research Foundation, Ames, Iowa. Isolation of sterols from fats and oils. 2,322,906; June 29.
- Yohal, Robert A. (See Tatoshian, H. G., and Yohal.)
- Yohpe, Reinhard A., assignor to Union Steam Pump Company, Battle Creek, Mich. Homogenizer valve structure. 2,328,702; Sept. 7.
- Yokell, Frank A., Gresham, Ore. Article of manufacture and making same. 2,337,792; Dec. 28.
- Yolles, Jack. (See Anderson, P. E., and Yolles.)
- Yolles, Jacob. (See Anderson, P. E., and Yolles.)
- Yolles, Jon J. (See Anderson, P. E., and Yolles, Jon J., also known as Jack and Jacob.)
- Yoman-Malek, M., San Francisco, Calif. Method and control system for treating and canning rice. 2,334,665; Nov. 16.
- Yoman-Malek, M., San Francisco, Calif. Control system of boiling and canning rice. 2,334,666; Nov. 16.
- Yost, Jay. (See Freeland, O. F., and Yost.)
- York Ice Machinery Corporation. (See Beline, Walter E., assignor.)
- York Ice Machinery Corporation. (See McGinnis, Walter R., assignor.)
- York Ice Machinery Corporation. (See Moore, Paul B., assignor.)
- York Ice Machinery Corporation. (See Zieber, William E., assignor.)
- York Oil Burner Co. (See Frank, George D., assignor.)
- York Safe and Lock Company. (See Bescherer, Palmer, assignor.)
- Yorkshire Dyeing and Proofing Company, The. (See Mason, Francis E., assignor.)
- Yost, Clarence F., Ambler, Pa. Fire extinguishing apparatus. 2,325,355; July 27.
- Yost, Irvine A., Lakewood, and C. F. Haas, Cleveland, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lamp fixture. 2,313,983; Mar. 16.
- Yost, James M. (See Weinrich, W. W., and Yost.)
- Yost, Lloyd, Los Angeles, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis. Closure for submersible pumping units. 2,311,805; Feb. 23.
- Yost, Lloyd, Los Angeles, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis. Submersible electrically driven pump. 2,320,708; June 1.
- Yost, Lloyd, Los Angeles, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis. Pump shaft bearing. 2,337,290; Dec. 21.
- Youhouse, Joseph, Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Electric motor. 2,319,194; May 11.
- Youker, Malcolm P., and W. H. Creel, Bartlesville, Okla., assignors to Phillips Petroleum Company. Panel furnace construction. 2,315,833; Apr. 6.
- Youker, Mortimer A., Gordon Heights, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making plastic polymeric materials which comprises polymerizing butadiene in the presence of selenium or tellurium as catalyst to form a product so made. 2,333,403; Nov. 2.
- Youmans, Edward D., Montclair, and W. F. Lamela, East Paterson, assignors to The Okonite Company, Passaic, N. J. Insulating and covering electrical conductors. 2,312,058; Feb. 23.
- Young, Alexander, Glasgow, and I. G. Stewart, Edinburgh, Scotland. Manufacture of woven plush or pile fabrics. 2,323,269; June 29.
- Young, Allan M., assignor to Manning, Bowman & Co., Meriden, Conn. Toaster. 2,328,046; Aug. 31.
- Young, Arthur E., and R. D. Freeman, assignors to The Dow Chemical Company, Midland, Mich. Coating composition. 2,308,664; Jan. 19.
- Young, Arthur R., assignor of one-half to J. G. Fuller, Chicago, Ill. Storage device. 2,308,479; Jan. 12.
- Young, Ben. (See Devore, R. W., and Young.)
- Young, Berg, Carl E., Los Angeles, Calif. Automatic miniature enlarger. 2,327,086; Aug. 17.
- Young, Bruce B., Tulsa, Okla. Well screen. 2,335,558; Nov. 30.
- Young, Charles A. (See Lee, H. R., and Young.)
- Young, Charles D., Chicago, Ill. Manufacture of clad metal. 2,309,288; Jan. 26.
- Young, Charles D., Haverford, Pa. Spring suspension for railway trucks and the like. 2,322,680; June 22.
- Young, Charles D., Haverford, and F. W. Hankins, Philadelphia, Pa. Steam boiler. 2,324,345; July 13.
- Young, Charles F., assignor to The Stewart Iron Works Company, Covington, Ky. Operating and indicating mechanism for jail doors. 2,313,410; Mar. 9.
- Young, Charles L., Radmore, Pa., assignor to Radio Corporation of America. Facsimile transmitter. 2,314,027; Mar. 16.
- Young, Clarence H., Lincoln Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric measuring apparatus. 2,309,490; Jan. 26.
- Young, Clarence H., Lincoln Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric measuring apparatus. 2,326,274; Aug. 10.
- Young, Clyde A., Downers Grove, Ill. Curve generating mechanism. 2,337,144; Dec. 21.
- Young, David W. (See Bousquet, I. R. G., and Young.)
- Young, David W., Roselle, N. J., assignor, by mesne assignments, to Jasco, Incorporated. Organic insecticide composition. 2,322,723; June 22.
- Young, David W., Roselle, and C. C. Swoope, Union, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Size reduction and stabilization of oil thickening polymers. 2,326,595; Aug. 10.
- Young, Donald M. (See Quattlebaum, W. M., Jr., and Young.)
- Young, Douglas, Inc. (See Young, Lewis D., assignor.)
- Young, Earle L., Stamford, assignor to Laminated Shim Company, Incorporated, Glenbrook, Conn. Apparatus for producing laminated sheets. 2,325,200; July 27.
- Young, Eldon H., trustee. (See Benschoter, Lewis J., assignor.)
- Young, Emil O., Cleveland, Ohio. Damper regulator. 2,311,195; Feb. 16.
- Young, Fred M., and S. K. Andersen, said Andersen assignor to Young Radiator Company, Racine, Wis. Unit for dehumidifying, filtering, cooling, and recirculating air. 2,337,718; Dec. 21.
- Young, George R. (See Wiegman, F. A., and Young.)
- Young, George W., Flushing, assignor to R. H. Macy & Co., Inc., New York, N. Y. Chair. 2,326,910; Aug. 17.
- Young, George W., Flushing, assignor to R. H. Macy & Co., Inc., New York, N. Y. Chair. 2,329,572; Sept. 14.
- Young, Gertrude, administratrix. (See Young, James M.)
- Young, Harland H., and H. C. Black, assignors to Industrial Patents Corporation, Chicago, Ill. Treatment of fats and oils. 2,308,848; Jan. 19.
- Young, Harvey I., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for removing the stresses from plastic sheeting. 2,320,115; May 25.
- Young & Haug Trust Estate. (See Young, H. E., and Haug, assignor.)

- Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,316,929; Apr. 20.
- Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,326,991; Aug. 17.
- Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,312,059; Feb. 23.
- Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Control apparatus. 2,315,032; Mar. 30.
- Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,318,551; May 4.
- Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,331,262; Oct. 5.
- Young, Herring, Louisville, Ky. Automatic mechanism for furnishing intermittent sprays of liquid soap for baths. 2,316,307; Apr. 13.
- Young, Homer W., Springfield, Mo. Compensating type-bar buffer for typewriters. 2,314,677; Mar. 23.
- Young, Homer W., Springfield, Mo. Bed davenport. 2,329,503; Sept. 14.
- Young, Homer W., Springfield, Mo. Bed davenport. 2,335,036; Feb. 23.
- Young, Howard A., Westfield, N. J., and J. C. H. Wendon, Naugatuck, Conn., assignors to United States Rubber Company, New York, N. Y. Wear testing machine. 2,323,175; June 29.
- Young, Hugh E., and E. H. Hong, assignors to Hugh E. Young, trustee of Young & Hong Trust Estate. Voltage regulator system. 2,325,809; Aug. 3.
- Young, Irvin L., Chicago, Ill. Casing closure. 2,307,181; Jan. 5.
- Young, James M., St. Louis, Mo., deceased, Gertrude Young, administratrix. Bottle forming machine. 2,328,873; Sept. 7.
- Young, John L., Pittsburgh, Pa., assignor to Plastic Metals, Inc. Electrolytic cell and anode. 2,325,241; July 27.
- Young, Leo F. (See Toltzheid, A. F., and Young.)
- Young, Leonard A. (See Ardner, Frank J., assignor.)
- Young, Leonard A., Detroit, Mich. Golf ball. 2,307,182; Jan. 5.
- Young, Leonard A., Detroit, Mich. Apparatus for manufacturing upholstery pads. 2,308,849; Jan. 10.
- Young, Leonard A., Detroit, Mich. Garment hanger. 2,314,643; Mar. 23.
- Young, Leonard A., Detroit, Mich. Spring structure. 2,321,268; June 8.
- Young, Leonard A., Detroit, Mich. Making rigid material of T-section from paper. 2,331,067; Oct. 5.
- Young, Leonard A., Detroit, Mich. Garment hanger. 2,324,370; Nov. 16.
- Young, Leonard A., Detroit, Mich. Garment hanger. 2,334,371; Nov. 16.
- Young, Leonard A., assignor to Star-Service Hanger Division, L. A. Young Spring & Wire Corporation, Detroit, Mich. Garment hanger. 2,307,558; Jan. 5.
- Young, Leonard A., Detroit, assignor to The L. A. Young Company, Grand Rapids, Mich. Making playing balls. 2,314,664; Mar. 30.
- Young, Leonard A., and V. Asaro, assignors to L. A. Young Spring & Wire Corporation, Detroit, Mich. Spring assembly. 2,320,987; June 8.
- Young, Leonard A., and V. Asaro, assignors to L. A. Young Spring & Wire Corporation, Detroit, Mich. Spring assembly. 2,332,124; Oct. 19.
- Young, L. A., Company, The. (See Young, Leonard A., assignor.)
- Young, L. A., Spring and Wire Corporation. (See Asaro, Vito, assignor.)
- Young, L. A., Spring and Wire Corporation. (See Clark, William A., assignor.)
- Young, L. A., Spring and Wire Corporation. (See Clark, W. A., and Asaro, assignors.)
- Young, L. A., Spring & Wire Corporation. (See Coney, James D., assignor.)
- Young, L. A., Spring & Wire Corporation. (See Hathaway, Hubert B., assignor.)
- Young, L. A., Spring & Wire Corporation. (See Young, L. A., and Asaro, assignors.)
- Young, Leonard P., Chester, Conn. Soldering device. 2,324,973; July 20.
- Young, Lewis D., Providence, R. I., assignor to Douglas Young, Inc. Package. 2,319,909; May 25.
- Young, Lewis D., Providence, R. I., assignor to Douglas Young, Inc. Display box cover. 2,321,883; June 15.
- Young, Lloyd W., Scotch Plains, N. J., assignor to The Linde Air Products Company. Tool-guiding apparatus. 2,334,301; Nov. 16.
- Young, Lloyd W., Scotch Plains, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Blowpipe valve means. 2,335,987; Dec. 7.
- Young, Lloyd W., Scotch Plains, N. J., assignor to Union Carbide and Carbon Corporation. Templet-tracing apparatus. 2,336,581; Dec. 14.
- Young, Luther P. (See Holmes, A. W., Benjamin and Young.)
- Young, Philip L., Westfield, N. J., assignor to Standard Oil Development Company. Producing valuable wax modifying agents. 2,332,824; Oct. 26.
- Young Radiator Company. (See Hilt, John J., assignor.)
- Young Radiator Company. (See Stempel, Edward H., assignor.)
- Young Radiator Company. (See Stempel, E. H., and Johnson, assignors.)
- Young Radiator Company. (See Young, F. M., and Andersen, assignor.)
- Young, Raymond E., Harvey, Ill. Damper for furnaces and the like. 2,319,652; May 18.
- Young, Raymond P., Wrightsville, Pa. Egg dyeing apparatus. 2,327,754; Aug. 24.
- Young, Richard V., assignor to Eastman Kodak Company, Rochester, N. Y. Silver halide emulsion for color photography. 2,331,755; Oct. 12.
- Young, Richard V., and G. Ehrenfried, assignors to Eastman Kodak Company, Rochester, N. Y. Producing dye images. 2,311,015; Feb. 16.
- Young, Richard V., and M. W. Seymour, assignors to Eastman Kodak Company, Rochester, N. Y. Simultaneous bleaching and fixing bath. 2,322,084; June 15.
- Young, Robert F., Smithdale, assignor of one-half to Henry E. Barnett, Summit, Miss. Vehicle door operating means. 2,319,897; May 25.
- Young, Samuel D., Rugby, assignor to S. A. Hunter, Farington, England. Cap or closure for bottles or like containers. 2,308,224; Jan. 12.
- Young, Stephen A. (See Becker, H. F., and Young.)
- Young, Stephen M. (See Scarlett, A. A., and Young.)
- Young, William D., Greenville, S. C. Method and means for forming bandage tails. 2,336,051; Dec. 7.
- Young, William D., Greenville, S. C. Bandage and making same. 2,337,011; Dec. 14.
- Young, William, Washington, D. C. Door securing mechanism. 2,315,239; Mar. 30.
- Young, William R., Fairfield, Conn., assignor to General Electric Company. Lamp socket. 2,317,163; Apr. 20.
- Young, William R., Fairfield, Conn., assignor to General Electric Company. Lamp holder. 2,321,446; June 8.
- Young, William R., Jr., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric timing device. 2,329,504; Sept. 14.
- Youngberg, Walter K., Middletown, Conn. Butter cutter. 2,309,814; Feb. 2.
- Youngberg, Walter K., Unionville, Conn. Butter former. 2,309,815; Feb. 2.
- Younger, George W., Dorking, England. Device for determining length of walking sticks to suit purchasers. 2,330,535; Sept. 28.
- Youngusband, James L., Chicago, Ill. Lipstick device. 2,310,726; Feb. 9.
- Youngusband, James L., Chicago, Ill. Lipstick device. 2,314,261; Mar. 16.
- Youngusband, James L., Chicago, Ill. Lipstick device. 2,335,559; Nov. 30.
- Youngstown Metal Products Company. (See Thomas, David W., assignor.)
- Youngstown Sheet and Tube Company, The. (See Adams, James L., Jr., assignor.)
- Youngstown Sheet & Tube Company, The. (See Platt, E. B., and Stanier, assignors.)
- Youngstown Sheet and Tube Company, The. (See Specht, Arnold M., assignor.)
- Youngstown Sheet & Tube Company. (See Stanier, J. S., and Platt, assignors.)
- Youngstown Steel Car Corporation. (See Wilkoff, Arthur E., assignor.)
- Youngstown Steel Door Company, The. (See Beauchamp, Wilfred A., assignor.)
- Youngstown Steel Door Company, The. (See Ditchfield, Frank, assignor.)
- Youngstown Steel Door Company, The. (See Doyle, Arthur J., assignor.)
- Youngstown Steel Door Company, The. (See Erhardt, Edward A., assignor.)
- Youngstown Steel Door Company, The. (See Henrieks, Harold H., assignor.)
- Youngstown Steel Door Company, The. (See Madland, Gabriel, assignor.)
- Youngstown Steel Door Company, The. (See Madland, Thirvald, assignor.)
- Younkins, Earl L., South Nyack, N. Y. Pessary. 2,310,564; Feb. 9.
- Yourttee, John A. (See Cornwell, R. T. K., Rosser, and Yourttee.)
- Yowell, Joseph W., Stratford, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Pressure transmitter. 2,313,610; Mar. 9.
- Yoxsimer, Orland H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator cabinet. 2,307,094; Jan. 5.
- Yoxsimer, Orland H., Springfield, Mass., and H. D. White, Adrian, Mich., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator cabinet. 2,307,093; Jan. 5.
- Yuba Manufacturing Company. (See Blanchard, Floyd M., assignor.)
- Yuba Manufacturing Company. (See Macaulay, Walter E., assignor.)
- Yule, John A. C. (See Murray, A., and Yule.)
- Yule, John A. C., assignor to Eastman Kodak Company, Rochester, N. Y. Photomechanical process. 2,316,443; Apr. 13.

- Yule, John A. C., assignor to Eastman Kodak Company, Rochester, N. Y. Photomechanical screen. 2,316,644; Apr. 13.
- Yule, John S. (See Backoff, W. J., Williams, O'Loughlin, Moir, and Yule.)
- Yutzy, Henry C., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,322,085; June 15.
- Yven, Emile J., Jackson Heights, N. Y., and E. B. Michaels, assignors to Clairol, Incorporated, Stamford, Conn. Hair winder. 2,309,375; Jan. 26.
- Z Pack Corporation. (See Stafford, E., and Welling, assignors.)
- Zabier, Erwin E., Chicago, Ill., assignor to American Can Company, New York, N. Y. Container opening key. 2,326,191; Aug. 10.
- Zablow, Nathan P. (See Fidelman, Paul, assignor.)
- Zabriskie, John W., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Stirring assembly. 2,326,091; Aug. 3.
- Zacharia, Erich, Berlin-Zehlendorf, Germany; vested in the Alien Property Custodian. Electrical follow-up movement. 2,315,176; Mar. 30.
- Zachariassen, Stig H. B., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator. 2,319,653; May 18.
- Zachos, Louis G., Atlanta, Ga. Instrument for measuring liquids. 2,326,111; Aug. 10.
- Zackheim, Paul, et al. (See Greenbaum, Everett R., assignor.)
- Zade, Adolf, Stockholm, Sweden. Disinfecting seeds. 2,309,289; Jan. 26.
- Zadek Feldstein Co. (See Ryan, Thomas A., assignor.)
- Zademach, Erich R., Elizabeth, assignor, by mesne assignments to Metalwash Machinery Company, Newark, N. J. Drier. 2,334,854; Nov. 23.
- Zadig, Ernest A., Norwalk, Conn. Pump. 2,334,525; Nov. 16.
- Zadnik, Otto, Stuttgart, Germany; vested in the Alien Property Custodian. Brush mounting. 2,315,177; Mar. 30.
- Zaesslin, Hans H. (See Martin, H., and Zaesslin.)
- Zaesslin, Hans. (See Martin, H., Zaesslin, Clatthar, and Staub.)
- Zaesslin, Hans H. (See Martin, H., Zaesslin, Hirt, Clatthar, and Staub.)
- Zaesslin, Hans H. (See Martin, H., Zaesslin, Hirt, and Staub.)
- Zaferakis, Alfred, Astoria, Long Island, New York. Combination window shade and screen roller. 2,307,095; Jan. 5.
- Zagar, Frank G., Cleveland, assignor to Zagar Tool, Inc., Euclid, Ohio. Indexing chuck. 2,335,721; Nov. 30.
- Zagar Tool. (See Zagar, Frank G., assignor.)
- Zahn, Otto F., assignor to N. J. Braun Lumber Co., Bull Run, Wis. Hog trough. 2,308,735; Jan. 19.
- Zahniser, Walter J. (See Bloume, W. J., and Zahniser.)
- Zahodlak, Victor F., New York, N. Y. Device for connecting rings or the like. 2,311,919; Feb. 23.
- Zahodlak, Victor F., New York, N. Y. Piston ring. 2,319,097; May 11.
- Zahodlak, Victor F., New York, N. Y. Piston ring. 2,319,098; May 11.
- Zahodlak, Victor F., Maplewood, N. J. Piston ring and forming the same. 2,333,457; Nov. 2.
- Zaiger, Max, Swampscott, Mass. Telescoping arm for windshield wipers. 2,312,278; Feb. 23.
- Zaiger, Max, Swampscott, Mass. Telescoping windshield wiper arm. 2,312,279; Feb. 23.
- Zak, Joseph T., U. S. Army, Aurora, Ill. Sighting instrument. 2,334,739; Nov. 23.
- Zalatorius, Walter. (See Reagan, L. C., and Zalatorius.)
- Zalesak, William A., Townley, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,329,780; Sept. 21.
- Zaleske, Michael J., Union, N. J., assignor, by mesne assignments to Talon, Inc., Meadville, Pa. Cowl fastener stud construction. 2,325,295; July 27.
- Zaleske, Michael J., Union, N. J., assignor to Ideal Clasp Manufacturing Co., Inc., Brooklyn, N. Y. Coupling device. 2,327,951; Aug. 24.
- Zalewski, Walter F., and W. E. Woodcock, assignors to Onondaga Pottery Company, Syracuse, N. Y. Trimming mechanism. 2,309,726; Feb. 2.
- Zalkind, Joseph, New York, N. Y. Sortable multiple form. 2,313,285; Mar. 9.
- Zalkind, Joseph, New York, N. Y. Summary form means. 2,316,209; Apr. 13.
- Zalkind, Philip, New York, N. Y. Drawer. 2,313,113; Mar. 9.
- Zalkind, Philip, New York, N. Y. Container. 2,318,655; May 11.
- Zalkind, Philip, New York, N. Y. Container and parts therefor. 2,319,283; May 18.
- Zalkind, Philip, New York, N. Y. Container-wall connection and track. 2,323,957; July 13.
- Zalkind, Philip, New York, N. Y. Collapsible insulating lining. 2,326,817; Aug. 17.
- Zalkind, Philip, New York, N. Y. Collapsible filler. 2,332,287; Oct. 19.
- Zalkind, Philip, New York, N. Y. Container-drawer stop and aligning means. 2,337,079; Dec. 21.
- Zampol, Peter, assignor to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Fluorescent lighting fixture for passenger motor coaches. 2,332,039; Oct. 19.
- Zampol, Peter, assignor to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Lighting fixture. 2,332,040; Oct. 19.
- Zandek, John, Alpha, Wash. Log cutting machine. 2,321,962; June 15.
- Zanella, Apollony, Spadra, Calif. Bed reading rack. 2,333,353; Nov. 2.
- Zap, Edward F., Los Angeles, Calif. Linkage mounting for aerodynamic members. 2,319,383; May 18.
- Zapf, Georg, Berlin-Charlottenburg, Germany; vested in The Alien Property Custodian. Telephone system. 2,322,992; June 29.
- Zappia, Anthony T., assignor to Fairmount Glass Works, Inc., Indianapolis, Ind. Intermittent drive mechanism. 2,334,684; Nov. 16.
- Zarbo, George, assignor to Kimble Glass Company, Vineland, N. J. Funnel and filtering. 2,321,639; June 15.
- Zareko, Doris. (See Zareko, Walter, assignor.)
- Zareko, Walter, assignor to D. Zareko, New York, N. Y. Assembled picture frame or the like. 2,317,708; Apr. 27.
- Zarembo Company. (See Eggert, William H., assignor.)
- Zart, F. C. (See Scheiding, Carl, assignor.)
- Zarth, William A., East Orange, N. J., assignor to Dictagraph Products Company, Inc., New York, N. Y. Portable microphone and amplifier. 2,336,825; Dec. 14.
- Zarwell, Cedric E. (See Johnson, R. W., and Zarwell.)
- Zaucker, Ewald. (See Meisenburg, K., Dennstedt and Zaucker.)
- Zaucker, Ewald, Schkopau, Germany; vested in the Alien Property Custodian. Vulcanizable polymerization product and producing same. 2,327,975; Aug. 24.
- Zaun, Robert, trustee. (See Grob, Benjamin, assignor.)
- Zavatkay, Frederick F., New Haven, Conn. Automatic safety rail clamp. 2,327,325; Aug. 17.
- Zavattaro, Mario, Milan, Italy, assignor to Radio Corporation of America. Cabinet for portable radio receiver sets. 2,319,527; May 18.
- Zavertnik, Joseph, Englewood, N. J., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Fractional distillation of tar. 2,310,500; Feb. 9.
- Zavertnik, Joseph, Englewood, N. J., assignor, by mesne assignments, to Allied Chemical & Dye Corporation. Distillation of tar to produce heavy cresote oil. 2,334,667; Nov. 16.
- Zdansky, Ewald, Gross-Glenicke, Germany; vested in the Alien Property Custodian. Pocket flashlight. 2,312,463; Mar. 2.
- Zeakas, Tom, et al. (See Brewer, Lewis E., assignor.)
- Zebulke, Edward A., North Tonawanda, assignor to H. F. Maynes and E. C. Maynes, Tonawanda, N. Y. Connecting means. 2,315,750; Apr. 6.
- Zecca, Frank M., Brooklyn, N. Y. Metal casing for building construction. 2,316,829; Apr. 20.
- Zech, Alfred. (See Jacobs, C. E., and Zech.)
- Zech, Alfred, Detroit, assignor to Industrial Wire Cloth Products Corporation, Wayne, Mich. Oil screen. 2,335,096; Nov. 23.
- Zechiel, Eugene H., North Hollywood, Calif. Hinge. 2,321,118; June 8.
- Zechiel, Eugene H., North Hollywood, and J. A. Woodworth, Los Angeles, Calif. Folding closure for recess tub shower bath. 2,331,822; Oct. 12.
- Zeckendorf, Victor, Sea Point, Cape Town, Cape of Good Hope, Union of South Africa. Method and apparatus for stitching up wool bales and like fabric containers. 2,335,375; Nov. 30.
- Zeidler, Kurt E., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Refrigerator car construction. 2,312,016; Feb. 23.
- Zeidler, Kurt E., Chicago, Ill., assignor to Standard Railway Devices Company. Refrigerator car construction. 2,321,539; June 8.
- Zeidler, Kurt E., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Refrigerator car construction. 2,326,717; Aug. 10.
- Zeiler, Frederick F., Fairfield, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Chain-stitch sewing machine. 2,312,865; Mar. 2.
- Zeiler, Frederick F., Fairfield, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating system for sewing machines. 2,317,240; Apr. 20.
- Zeiler, Frederick F., Fairfield, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine frame. 2,325,928; Aug. 3.
- Zeiler, Frederick F., Fairfield, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread-controlling mechanism for sewing machines. 2,327,838; Aug. 24.
- Zeiler, Frederick F., Fairfield, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle-vibrating mechanisms for sewing machines. 2,329,681; Sept. 14.
- Zeiger, Phil, New York, N. Y. Deep etching lithographic plate. 2,316,645; Apr. 13.
- Zeigler, Albert H. (See Hoffman, H. D., and Zeigler.)
- Zeigler, Harry R. (See Benz, G. R., and Zeigler.)

- Zelman, Roy H., assignor to Thew Shovel Company, Lehigh, Ohio. Reversible counterweight for excavating and load landing machines. 2,325,089; July 27.
- Zelensberg, Jack, Philadelphia, Pa., assignor to Atlantic Petroleum Corporation, Trenton, N. J. Handbag. 2,337,560; Dec. 28.
- Zellin, Alexander, New York, N. Y., assignor, by mesne assignments, to Sperry Products, Inc. Generating balancing signals. 2,332,498; June 22.
- Zellin, Alexander, New York, N. Y., assignor, by mesne assignments, to Sperry Products, Inc. Compensating potentiometer. 2,332,288; Oct. 19.
- Zellin, Alexander, New York, N. Y., assignor to Sperry Products, Inc. Method and means for leveling rolling mills. 2,332,289; Oct. 19.
- Zell, David H. (See Tamoshat, William, assignor.)
- Zell, Julius S., Portland, Oreg. Vertically adjustable optical spectacles. 2,322,993; June 29.
- Zellhoefer, Glenn F., Normal, C. S. Marvel, Urbana, and M. J. Copley, Philadelphia, Pa., assignors to Williams-Oil-Matic Heating Corporation, Bloomington, Ill. Refrigeration. 2,308,665; Jan. 19.
- Zelner, Samuel S., Elmhurst, N. J., assignor to Tide Water Associated Oil Company, New York, N. Y. Synthesis of organic acids. 2,323,861; July 6.
- Zelins, Edward P., assignor to The Dole Valve Company, Chicago, Ill. Automatic air vent valve. 2,314,963; Mar. 30.
- Zelins, Edward P., assignor to The Dole Valve Company, Chicago, Ill. Air valve. 2,320,162; May 25.
- Zelony, Emanuel M., New York, N. Y. Visual color comparator. 2,321,722; June 15.
- Zeltner, Joseph, Paris, France; vested in the Alien Property Custodian. Preparation of catalysts for hydrogenation. 2,326,275; Aug. 10.
- Zemba, John W. (See Britton, E. C., Coleman, and Zemba.)
- Zemba, John W. (See Coleman, G. H., and Zemba.)
- Zemba, John W., and G. H. Coleman, assignors to The Dow Chemical Company, Midland, Mich. Making polymers derived from styrene. 2,311,615; Feb. 16.
- Zenth Radio Corporation. (See Carnahan, Chalon W., assignor.)
- Zenth Radio Corporation. (See Ende, Kurt, assignor.)
- Zenth Radio Corporation. (See Gustafson, Gilbert E., assignor.)
- Zenth Radio Corporation. (See Wandrey, Clarence W., assignor.)
- Zenlea, Benjamin J. (See Jones, C. F., Clarke, and Zenlea.)
- Zenner, George H., Kenmore, N. Y., assignor to The Linde Air Products Company, Liquid level gauge. 2,326,511; Aug. 10.
- Zenner, Raymond E., Brookfield, assignor to Teletype Corporation, Chicago, Ill. Starting sequence system for telegraphs. 2,334,234; Nov. 16.
- Zenner, Raymond E., Brookfield, Ill., assignor to Teletype Corporation, Chicago, Ill. Communication system. 2,335,335; Nov. 30.
- Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Ticket printer. 2,309,088; Feb. 2.
- Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Telegraph switching apparatus. 2,323,438; July 6.
- Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Tape transmitter distributor. 2,323,955; July 13.
- Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,323,959; July 13.
- Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,331,952; Oct. 19.
- Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Coding apparatus. 2,334,467; Nov. 16.
- Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Telegraph transmitter. 2,336,910; Dec. 14.
- Zeno, Benigno, New York, N. Y. Combined cigarette lighter, flashlight, and writing implement. 2,323,960; July 13.
- Zenor, Hughes M., Houston, Tex., assignor to Standard Oil Development Company. Condenser gravity meter. 2,322,681; June 22.
- Zentmyer, William H. H., Rothsville, Pa. Grave marker. 2,312,859; Mar. 2.
- Zepp, Louis H., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Supporting means for radio coil units and the like. 2,335,205; Nov. 23.
- Zeppo Parachute Attachment Company. (See Coleman, George G., assignor.)
- Zernuth, Rudolf E., Jersey City, assignor to Conmar Products Corporation, Bayonne, N. J. Staple forming and setting machine. 2,314,184; Mar. 16.
- Zervas, Paul, Cologne-Mulheim, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. 1-aminoaryl-5-pyrazolone-4-sulphonic acids. 2,315,834; Apr. 6.
- Zervas, Paul, Cologne-Mulheim, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. Condensation products of 1-aminoaryl-5-pyrazolone-4-sulphonic acids. 2,315,835; Apr. 6.
- Zervas, Paul, Cologne-Mulheim, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. 5-pyrazolone-4-sulphonic acids. 2,315,836; Apr. 6.
- Zervas, Paul, Cologne-Mulheim, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. 1-acylaminoaryl-5-pyrazolones. 2,322,907; June 29.
- Zervas, Paul, Cologne-Mulheim, Germany, assignor to General Aniline & Film Corporation, New York, N. Y. 1-diazoaryl-5-pyrazolone-4-sulphonic acids. 2,337,845; Dec. 28.
- Zerweck, Herman, Groose Pointe, Mich. (Tank. 2,310,270; Feb. 9.
- Zerweck, Werner, and W. Brunner, Frankfurt-on-the-Main-Feechenheim, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Producing para-hydroxyarylsulphonates. 2,314,379; Mar. 23.
- Zerweck, Werner, and R. Müller, Frankfurt-on-the-Main-Feechenheim, and K. Bähr, Leverkusen I. G. Werk, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Vat dyestuff of the anthanthrone series. 2,320,694; June 1.
- Zerweck, Werner, Frankfurt-on-the-Main-Feechenheim, and Wilhelm Hechtelberg, Frankfurt-on-the-Main, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Sulphur dyestuffs. 2,321,787; June 15.
- Zerweck, Werner, and O. Träskén, Frankfurt-on-the-Main-Feechenheim, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Quaternary ammonium compounds. 2,321,963; June 15.
- Zerweck, Werner, and W. Kühne, Frankfurt-on-the-Main-Feechenheim, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Mixed polymerization products. 2,324,896; July 20.
- Zerweck, Werner, and E. Heinrich, Frankfurt-on-the-Main-Feechenheim, Germany, assignors to General Aniline & Film Corporation, New York, N. Y. Acid wool dyestuffs. 2,333,137; Nov. 2.
- Zeshaugh, Lawrence G. (See O'Neill, J. G., and Zeshaugh.)
- Zeth, Arthur M. (See Koppitz, C. G., and Zeth.)
- Zettergren, Fritz, New Haven, Conn. Wire drawing block. 2,327,149; Aug. 17.
- Zetterquist, Eric A., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling high temperature bolting. 2,320,398; June 1.
- Zetterquist, Eric A., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine apparatus. 2,326,112; Aug. 10.
- Zetterquist, Eric A., Drexel Hill, and J. Lloyd, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bolt cooling apparatus. 2,331,880; Oct. 19.
- Zetterstrom, Carl G., and L. J. F. Ell, assignors to Aktiebolaget Elektrol, Stockholm, Sweden. Juice extractor. 2,323,747; July 6.
- Zeugner, John J., Baltimore, Md. Wall panel construction. 2,312,940; Mar. 2.
- Zeuzla, George F., Commerce, Mich. Stock pusher. 2,323,889; July 13.
- Zieber, William E., assignor to York Ice Machinery Corporation, York, Pa. Purge system for refrigerative circuits. 2,321,964; June 15.
- Zieholz, Herbert, assignor to Askania Regulator Company, Chicago, Ill. Stabilizer system for regulators. 2,312,464; Mar. 2.
- Zieholz, Herbert, assignor to Electronbeam, Incorporated, Chicago, Ill. Electronic translating device. 2,314,302; Mar. 16.
- Zieholz, Herbert, assignor to Electronbeam, Incorporated, Chicago, Ill. Electronic relay. 2,322,556; June 22.
- Zieholz, Herbert, Chicago, Ill., assignor to Askania, Regulator Company. Fluid impulse controller. 2,330,654; Sept. 28.
- Zieg, Fred C. (See Swihart, Stewart D., assignor.)
- Ziegler, John G., assignor to Taylor Instrument Companies, Rochester, N. Y. Apparatus for controlling crystal growth. 2,315,683; Apr. 6.
- Ziegler, Nicholas A., and H. W. Northrup, assignors to Crane Co., Chicago, Ill. Malleable cast iron. 2,310,666; Feb. 9.
- Ziegler, Nicholas A., and H. W. Northrup, assignors to Crane Co., Chicago, Ill. Malleable cast iron. 2,310,667; Feb. 9.
- Ziegler, Peter, Philadelphia, Pa. Air cooled human footwear. 2,329,573; Sept. 14.
- Ziegs, Paul, Pförzheim, Germany; vested in the Alien Property Custodian. Electrical heating conductor and producing same. 2,319,364; May 18.
- Zieher, Gustav, Jena, Germany; vested in the Alien Property Custodian. Measuring device. 2,320,695; June 1.
- Ziehner, George P., Jr., assignor to American Can Company, New York, N. Y. Container. 2,310,271; Feb. 9.
- Zieliesch, Alvin, and S. W. Smith, Portland, Oreg. Dry ice refrigerating unit. 2,323,270; June 29.
- Zier, Frederick F., Fairfield, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating system for sewing machines. 2,311,604; Feb. 16.
- Zierden, Frank P., St. Francis, Wis. Hose reel. 2,334,141; Nov. 9.
- Zierdt, Conrad, Signal Company, Swissvale, Pa. Rectifying apparatus. 2,335,167; Nov. 23.

- Zieschang, Herman. (See Peltz, H. F., and Zieschang.)
- Zietlow, John F., Jr., assignor to Bell Aircraft Corporation, Buffalo, N. Y. Ordinance. 2,335,835; Nov. 30.
- Zim, Herman, New York, N. Y. Steering device aid for heavy motor trucks and the like. 2,311,321; Feb. 16.
- Zim Manufacturing Company. (See Berkman, Herbert A., assignor.)
- Zimarik, Louis, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Agent supplying attachment for washing machine. 2,312,950; Mar. 2.
- Zimarik, Louis, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Flexible conduit coupling for shell-less washers and the like. 2,322,909; June 29.
- Zimarik, Louis, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Unloading board or tray for washing machines. 2,332,186; Oct. 19.
- Zimarik, Louis, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Washing machine. 2,332,769; Oct. 26.
- Zimets Bed Spring Corporation. (See Hampton, Fred, assignor.)
- Zimmer, Elmer H., Toronto, Ontario, Canada. Safety switch. 2,313,380; Mar. 9.
- Zimmer, John C. (See Morway, A. J., and Zimmer, assignors.)
- Zimmer, John C., Union, and A. J. Morway, Clark Township, Union County, N. J., assignors to Standard Oil Development Company. Extreme pressure lubricant. 2,307,183; Jan. 5.
- Zimmer, John C., Hillside, and A. J. Morway, Roselle, N. J., assignors to Standard Oil Development Company. Treatment of ferrous bearing metals. 2,310,381; Feb. 9.
- Zimmer, John C., and G. M. McNulty, Union, N. J., assignors to Standard Oil Development Company. Extreme pressure lubricant. 2,311,500; Feb. 16.
- Zimmer, John C., Union, and A. J. Morway, Clark Township, Union County, N. J., assignors to Standard Oil Development Company. Lubricant. 2,326,596; Aug. 10.
- Zimmer, John C., Union, and A. J. Morway, Clark Township, Union County, N. J., assignors to Standard Oil Development Company. Lubricant. 2,330,773; Sept. 28.
- Zimmer, John C., Union, and A. J. Morway, Clark Township, N. J., assignors, by mesne assignments, to Jasco, Incorporated. Lubricant. 2,332,825; Oct. 26.
- Zimmer, John C., and G. M. McNulty, Union, N. J., assignors to Standard Oil Development Company. Lubricant composition. 2,334,594; Nov. 16.
- Zimmer, Myron J., Chicago, and R. B. Paysee, Oak Park, assignors to The Edward Katzinger Company, Chicago, Ill. Can opener. 2,318,350; May 4.
- Zimmer, Raymond R., assignor to The Bastian Blessing Co., Chicago, Ill. Coupling. 2,333,612; Nov. 2.
- Zimmerer, Mark E., assignor to Kingston Products Corporation, Kokomo, Ind. Pump. 2,312,614; Mar. 2.
- Zimmerman, Arthur, New Rochelle, N. Y. Tire valve accessory. 2,334,801; Nov. 23.
- Zimmerman, Arthur C., assignor to The Duro Company, Dayton, Ohio. Unitary fluid control valve and operation. 2,309,032; Jan. 19.
- Zimmerman, Charles E., Chicago, Ill. Cosmetic applicator. 2,317,662; Apr. 27.
- Zimmerman, David. (See Lucas, H. W., and Zimmerman.)
- Zimmerman, David, Cleveland, Ohio. Lapel. 2,318,829; May 11.
- Zimmerman, Edward C., assignor to Patent License Corporation, Chicago, Ill. Lighting equipment. 2,323,697; July 6.
- Zimmerman, Edwin G. (See Robson, J. T., Watkins, and Zimmerman.)
- Zimmerman, Emil, Everett, Wash. Sawdust hopper. 2,321,965; June 15.
- Zimmerman, Fred R., assignor, by mesne assignments, to Dixie-Vortex Company, Chicago, Ill. Method and machine for forming blanks for paper receptacles. 2,327,952; Aug. 24.
- Zimmerman, Herman B., assignor to Universal Oil Products Company, Chicago, Ill. Reaction vessel. 2,329,970; Sept. 21.
- Zimmerman, Harry, New York, N. Y. Xylophone. 2,317,164; Apr. 20.
- Zimmerman, Harry, New York, N. Y. Xylophone. 2,317,165; Apr. 20.
- Zimmerman, Harry, New York, N. Y. Xylophone. 2,330,166; Sept. 21.
- Zimmerman, Harry R., assignor to Pangborn Corporation, Hagerstown, Md. Blasting machine. 2,307,816; Jan. 12.
- Zimmerman, Henry H., Columbus Junction, Iowa. Building structure or unit. 2,335,836; Nov. 30.
- Zimmerman, Henry M., and G. O. Puerner, assignors to F. R. Mallory & Co., Inc., Indianapolis, Ind. Push-button switch assembly. 2,311,322; Feb. 16.
- Zimmerman, Herman T., Tulsa, Okla. Valve spring compressor. 2,316,830; Apr. 20.
- Zimmerman, Herman W., Highland Park, assignor to Automotive Maintenance Machinery Co., North Chicago, Ill. Torque measuring wrench. 2,320,023; May 25.
- Zimmerman, Herman W., Rock Valley, Iowa. Draw bar. 2,322,086; June 15.
- Zimmerman, Howard F., assignor to Loretta M. Zimmerman, Chicago, Ill. Portable refrigerator container. 2,317,871; Apr. 27.
- Zimmerman, Loretta M. (See Zimmerman, Howard F., assignor.)
- Zimmerman, Orr S., and T. J. Tully, assignors to Plastex Trim Corporation, Columbus, Ohio. Producing formed strips of plastic materials. 2,323,862; July 6.
- Zimmerman, William P. (See O'Neal, W. B., and Zimmerman.)
- Zimmermann, Lukas, assignor to Vickers Incorporated, Detroit, Mich. Power transmission and steering control for traction devices. 2,336,911; Dec. 14.
- Zimmermann, Lukas, assignor to Vickers Incorporated, Detroit, Mich. Power transmission and steering control for traction devices. 2,336,912; Dec. 14.
- Zimmermann, Maximilian E., Los Angeles, Calif. Means for locking vehicles against self-propulsion. 2,330,536; Sept. 28.
- Zimmermann, Maximilian E., and W. W. Hurtel, Los Angeles, Calif. Locking automobiles against self-propulsion. 2,336,829; Dec. 14.
- Zimmermann, Charles H. (See White, W. T., and Zimmermann.)
- Zimmermann, Frederick J., Wausau, Wis. Assignor to Potash Company of America, Denver, Colo. Purifying and crystallizing salts. 2,329,505; Sept. 14.
- Zimmermann, William F., Maplewood, assignor to Gould & Eberhardt, Newark, N. J. Thermally insulated hobbing machine. 2,330,167; Sept. 21.
- Zimmermann, William F., Maplewood, assignor to Gould & Eberhardt, Newark, N. J. Hobbing machine. 2,330,168; Sept. 21.
- Zimmermann, Wilmer, St. Louis, Mo. Tie for newspapers and the like. 2,317,507; Apr. 27.
- Zimt, Ilse. (See Crollie, John W., assignor.)
- Zimt, Ilse, New York, N. Y. Grease gun. 2,317,872; Apr. 27.
- Zinck, Morton M. (See Auzin, J. M., and Zinck.)
- Zindrick, Edward J., Chicago, Ill. Wood cutting machine. 2,310,604; Feb. 9.
- Zink, William L., Plano, V. O. Hauswirth, Kankakee, and J. M. Geistwhite, Chebanse, assignors to Sears, Roebuck and Co., Chicago, Ill. Weighted implement. 2,307,098; May 5.
- Zink, William, Plano, and G. L. McKibben, Kankakee, assignors to Sears, Roebuck and Co., Chicago, Ill. Tractor implement. 2,322,268; June 22.
- Zinkil, Roy H., Oak Park, assignor to Crane Co., Chicago, Ill. Making apertures in plastic earthenware. 2,334,855; Nov. 23.
- Zinkil, Roy H., Oak Park, C. U. Larson, Berwyn, and G. E. Hansen, assignors to Crane Co., Chicago, Ill. Sanitary self-closing faucet. 2,327,574; Aug. 24.
- Zinn, Manvel K., Manhasset, assignor to Bell Telephone Laboratories, Incorporated. Speech transmission system. 2,321,723; June 15.
- Zinn, Manvel K., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave circuit. 2,331,530; Oct. 12.
- Zint, George, Wapakoneta, Ohio. Bomb or similar device. 2,314,678; Mar. 23.
- Zintsmaster, Kim, Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Resilient car wheel. 2,310,486; Feb. 9.
- Ziock, Edward J., Oakland, Calif. Stop motion for knitting machines. 2,329,971; Sept. 21.
- Zippert, Morris, et al. (See Whisk, Samuel, assignor.)
- Zirinsky, Jerome, Brooklyn, N. Y. Prefabricated house. 2,337,435; Dec. 7.
- Zischler, Hans, Bitterfeld, and G. Wilmanns, Wolfen, Kreis Bitterfeld, Germany, assignors, by mesne assignments, to General Aniline & Film Corporation, New York, N. Y. Hydrainoalkyl sulphonic acids. 2,309,562; Jan. 26.
- Ziskind, Edward E., New York, N. Y. Machine for applying dry transfers of markings. 2,315,381; Mar. 30.
- Zivic, Fritz H. J. (See Mullica, Thomas A., assignor.)
- Zobel, Robert A., Milwaukee, Wis. Automatic balancing device. 2,331,756; Oct. 12.
- Zoder, Incorporated. (See Zoder, Orren E., assignor.)
- Zoder, Orren E., assignor to Zoder, Incorporated, St. Louis, Mo. Trailer truck. 2,317,508; Apr. 27.
- Zoder, Orren E., assignor, by mesne assignments, to Zoder, Incorporated, St. Louis, Mo. Safety apparatus. 2,327,953; Aug. 24.
- Zodtner, Heinrich, Berlin, Germany; vested in the Allen Property Custodian. Cooled electron tube. 2,312,465; Mar. 2.
- Zoerlein, Emil, and J. E. Hoffmann, assignors to Ford Motor Company, Dearborn, Mich. Distributor. 2,326,113; Aug. 10.
- Zoldok, Stephen W., San Luis Obispo, Calif. Dump car bottom. 2,311,514; Feb. 16.
- Zolk, Thomas C., Chicago, Ill. Self-lubricating shaft and leader pin. 2,333,067; Oct. 26.
- Zoll, Carl M., assignor to Universal Hydraulic Stress Equalizer, Inc., Dundalk, Md. Diver controlled salvage bell. 2,320,696; June 1.
- Zoll, Carl M., assignor to Universal Hydraulic Stress Equalizer, Inc., Dundalk, Md. Airplane carrier and seadrome. 2,325,993; Aug. 3.

- Zoll, Carl M., assignor to Universal Hydraulic Stress Equalizer, Inc., Dundalk, Md. Litt equalizing repair dock. 2,325,994; Aug. 5.
- Zoll, Carl M., Dundalk, Md. Ship salvaging apparatus. 2,329,972; Sept. 21.
- Zoll, Carl M., Dundalk, Md. Apparatus for salvaging ships. 2,336,148; Dec. 7.
- Zoller, Albert E., Tiffin, Ohio. Door opening and actuating mechanism. 2,335,336; Nov. 30.
- Zollinger, Ernesto, Turin, Italy, assignor to W. Zollinger, Zurich, Switzerland. Photographic apparatus. 2,342,683; Mar. 2.
- Zollinger, Walther. (See Zollinger, Ernesto, assignor.)
- Zollner, Hans. (See Conradt, O., and Zollner.)
- Zondek, Bernhard, Rehavia, Jerusalem, and E. Bergmann, Rehovoth, Palestine. Manufacture of progesterone. 2,344,185; Mar. 16.
- Zonis, Sydney, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Needle-vibrating mechanism for sewing machines. 2,321,447; June 8.
- Zouls, Sydney, and A. S. Meloy, Jr., Stratford, Conn. Chain-stitch sewing machine. 2,332,125; Oct. 19.
- Zonis, Sydney, Bridgeport, and A. S. Meloy, Jr., Stratford, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Loomer mechanism for sewing machines. 2,318,447; May 4.
- Zottu, Paul D., Richmond, Va., assignor, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Electrical heating. 2,307,344; Jan. 5.
- Zottu, Paul D., Richmond, Va., assignor to Radio Corporation of America. Short wave tuned circuit arrangement. 2,337,219; Dec. 21.
- Zoub, Erazim A., New York, N. Y. Safety device for automobiles. 2,312,951; Mar. 2.
- Zachokke, Arthur J., Huntington Park, assignors to Lane-Wells Company, Los Angeles, Calif. Gun perforator. 2,326,114; Aug. 10.
- Zachokke, Hans, Zurich, assignor to Aktiengesellschaft Brown, Boveri & Cie, Baden, Switzerland. Turbine construction. 2,327,539; Aug. 24.
- Zachua, Raymond, New York, N. Y. Combination electric tester, lamp and smoker's outfit. 2,316,382; Apr. 13.
- Zaher, John G., assignor to The Bell & Howell Company, Chicago, Ill. Lens mount. 2,307,345; Jan. 5.
- Zublin, John A., Los Angeles, Calif. Thrust bearing assembly. 2,325,459; July 27.
- Zublin, John A., Los Angeles, Calif. Apparatus for drilling lateral bores. 2,330,333; Dec. 7.
- Zublin, John A., Los Angeles, Calif. Drilling bore holes of different curvatures and diameters. 2,336,334; Dec. 7.
- Zublin, John A., Los Angeles, Calif. Rotary hammering bit. 2,336,335; Dec. 7.
- Zublin, John A., Los Angeles, Calif. Rotary turbine bit. 2,336,336; Dec. 7.
- Zublin, John A., Los Angeles, Calif. Heavy duty grating bit. 2,336,337; Dec. 7.
- Zublin, John A., Los Angeles, Calif. Apparatus for drilling bores deviating from existing well bores. 2,336,338; Dec. 7.
- Zuck, Albert L., Rockford, Ill., assignor to The Washburn Company, Worcester, Mass. Flour sifter. 2,314,186; Mar. 16.
- Zucker, Frank C., New York, N. Y. Adjustable instrument support. 2,318,910; May 11.
- Zucker, Jacques, Zurich, Switzerland. Plant for recovery of volatile oil and grease solvents. 2,330,655; Sept. 28.
- Zuckermann, Isidore, New York, N. Y. Filter. 2,334,802; Nov. 23.
- Zühke, Marcel. (See Kesselring, F., Gleffers, Kaufmann, Neugebauer, Puttfarcken, Schimpf, & Zühke.)
- Zühke, Marcel, Berlin, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Single or polyphase switch arrangement. 2,310,145; Feb. 2.
- Zukmann, Leslie, New York, N. Y. Dropout half-tone negative. 2,315,101; Mar. 30.
- Zukor, Arnold, Bronx, N. Y. Support device for sinking ships. 2,328,117; Aug. 31.
- Zumbusch, Heinz. (See Buschbeck, W., and Zumbusch.)
- Zumstein, T. H., et al. (See Butts, Richard R., assignor.)
- Zunick, Michael J., assignor to General Electric X-ray Corporation, Chicago, Ill. X-ray generator. 2,332,422; Oct. 19.
- Zunzer, Adolf, Waldshut, Hochrhein, Germany; vested in the Allen Property Custodian. Clearing device for air ducts in the lip of casting pots. 2,330,656; Sept. 28.
- Zupa, Frank A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay armature. 2,333,361; July 13.
- Zurcher, Paul. (See Hesse, W. O., and Zurcher.)
- Zur Horst, Clifford G., Hampton Township, Allegheny County, B. B. Wescott, Churchill, and L. W. Vollmer, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Quenching of metals. 2,327,383; Aug. 24.
- Zur Horst, Clifford G., Hampton Township, Allegheny County, B. B. Wescott, Churchill, and L. W. Vollmer, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Quenching of metals. 2,327,976; Aug. 24.
- Zur Horst, Clifford G., Hampton Township, Allegheny County, B. B. Wescott, Churchill, and L. W. Vollmer, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Quenching of metals. 2,327,977; Aug. 24.
- Zurian, Philip D., Hicksville, N. Y., assignor to Press Wireless, Inc., Chicago, Ill. Telephoto method and apparatus. 2,319,898; May 25.
- Zurn, J. A., Manufacturing Company. (See Luff, Henry J., assignor.)
- Zurn, J. A., Manufacturing Company. (See Shenk, Robert H., assignor.)
- Zurstadt, Helena, Baltimore, Md. Phonograph attachment. 2,333,079; Oct. 26.
- Zuschlag, Theodore, West Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Electromagnetic inspection. 2,329,810; Sept. 21.
- Zuschlag, Theodore, West Englewood, N. J., assignor to Magnetic analysis Corporation, Long Island City, N. Y. Electromagnetic inspection. 2,329,811; Sept. 21.
- Zuschlag, Theodore, West Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Electromagnetic inspection with alternating current. 2,329,812; Sept. 21.
- Zwack, Raymond T., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Flowmeter. 2,314,752; Mar. 23.
- Zwanzig, William, Ottawa, Ill. Soap dispenser. 2,333,068; Oct. 26.
- Zwaska, John M., Auburndale, Wis. Flow point. 2,310,336; Feb. 9.
- Zweber, Cyril J. (See Zweber, John P., and C. J.)
- Zweber, John P., Hastings, and C. J. Zweber, Farmington, Minn. Tablet crusher. 2,318,911; May 11.
- Zwickel, Elmer L., executor. (See Brennan, Daniel A.)
- Zwermann, Carl H., Jr., Robinson, Ill. Enameling. 2,332,423; Oct. 19.
- Zwermann, Carl H., Jr., Robinson, Ill. Enameling. 2,332,424; Oct. 19.
- Zwick, Kurt, Munich, Germany; vested in the Allen Property Custodian. Work turning device for machine tools. 2,335,468; Nov. 30.
- Zwickel, Elmer L., executor. (See Brennan, Daniel A.)
- Zwilmeyer, Frithjof, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dioxazine-type dyestuffs and preparing the same. 2,336,520; Dec. 14.
- Zwilmeyer, Frithjof, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dioxazine-type dyestuffs and preparing the same. 2,336,521; Dec. 14.
- Zwilmeyer, Frithjof, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitro-aryl amine sulphonic acids of 1,3-benzazoles. 2,336,664; Dec. 14.
- Zwirn, Charles W., New York, N. Y. Projection apparatus. 2,319,284; May 18.
- Zylo Ware Corporation. (See Rey, Stephen, assignor.)

LIST OF DESIGN PATENTEEES

- Aaronson, Hymaa S., Meriden, Conn. Clothes drier. 136,003; July 20.
- Aaronson, Hyman S., Meriden, Conn. Book mark or similar article. 136,213; Aug. 24.
- Abt, John H., assignor to Deering Milliken & Co., Inc., New York, N. Y. Textile fabric. 134,837; Jan. 19.
- Abt, John H., assignor to Deering Milliken & Co., Inc., New York, N. Y. Textile fabric. 135,042; Feb. 16.
- Accardi, Jules V., and G. E. Watts, El Cerrito, Calif. Merchandise cart. 136,218; Aug. 24.
- Accardi, Peter, Ozone Park, N. Y. Mopstick. 136,630; Nov. 9.
- Ackerman, Dolletta M., assignor to P. Davis, Los Angeles, Calif. Chin strap. 135,728; May 25.
- Adams, Gilford D., Butterfield, Mo. Shaker for salt and pepper. 136,174; Aug. 17.
- Adams, Wilbur H., Erie, Pa., assignor to The Colson Corporation, Elyria, Ohio. Bicycle pedal. 136,771; Dec. 7.
- Addington, L. R., et al. (See Hamlin, Glenn E., assignor.)
- Adler, Paul, New York, N. Y. Dress. 136,934; Dec. 28.
- Adler, Paul, New York, N. Y. Dress. 136,935; Dec. 28.
- Adler, Paul, New York, N. Y. Dress. 136,936; Dec. 28.
- Adler, Paul, New York, N. Y. Jacket. 136,937; Dec. 28.
- Adler, Paul, New York, N. Y. Dress. 136,940; Dec. 28.
- Adler, Paul, New York, N. Y. Dress. 136,941; Dec. 28.
- Adler, Paul, New York, N. Y. Dress. 136,942; Dec. 28.
- Adler, Paul, New York, N. Y. Dress. 136,943; Dec. 28.
- Adler, Paul, New York, N. Y. Dress. 136,944; Dec. 28.
- Advertising Displays, Inc. (See Austin, Charles D., assignor.)
- Agosta, Salvatore, Akron, Ohio. Broom holder. 135,636; May 4.
- Air Reduction Company. (See Dawson, Howard H., assignor.)
- Ajello, Antonino, & Bros. (See Ajello, Ralph A., assignor.)
- Ajello, Ralph A., Bronx, assignor to Antonino Ajello & Bros., New York, N. Y. Combined candle and music box. 135,847; June 22.
- Alexander, Emily. (See Selgenfeld, S., and Alexander.)
- Alexander, Gladys E. J., Searsdale, N. Y. Ash receptacle. 135,587; Apr. 27.
- Allen, Arthur S., New York, N. Y., assignor to Berkshire Knitting Mills, Wyomissing, Pa. Container covering of paper or similar flat material. 134,444; Oct. 5.
- Allen, Frank B., Lower Merion Township, Montgomery County, Pa. Button or similar article. 136,175; Aug. 17.
- Allen, George L., Lake Geneva, Wis. Coin tray. 135,695; May 18.
- Allen, Paul E., Skokie, Ill. Bottle holder. 134,949; Feb. 2.
- Allen, Paul E., Skokie, Ill. Teethers. 136,206; Aug. 24.
- Allen, Valerie R., New York, N. Y. Separable robe or similar article. 135,135; Mar. 2.
- Aller, Willis F., assignor to The Sheffield Corporation, Dayton, Ohio. Gauge for size measurement or comparison. 135,455; Apr. 13.
- Allied Purchasing Corporation. (See Kramer, Ferdinand, assignor.)
- Alho, Natalie A., Escanaba, Mich. Spoon or similar article. 136,418; Oct. 5.
- Alfred, Ernest, San Francisco, Calif. Broom holder. 136,004; July 20.
- Alsdorf, James W., Winnetka, assignor to Cory Glass Coffee Brewer Co., not Inc., Chicago, Ill. Upper bowl for a coffee brewer. 136,200; Aug. 24.
- Altman, Samuel, and F. Silverstein, New York, N. Y. Combined photo and match book cover. 135,938; July 6.
- Amberg File and Index Company. (See Amberg, Gilbert W., assignor.)
- Amberg, Gilbert W., assignor to Amberg File and Index Company, Kankakee, Ill. Phonograph record cabinet. 135,147; Mar. 2.
- American Cigarette and Cigar Company. (See Garratt, Alan C., assignor.)
- American Duplex Company. (See Schuhmann, Richard L., assignor.)
- American Greeting Publishers. (See Grossberg, Minnie, assignor.)
- American Hard Rubber Company. (See Carson, Oswald B., assignor.)
- American Machine and Metals, Inc. (See Miller, Edward L., assignor.)
- American Optical Company. (See Chaney, Austin B., assignor.)
- American Optical Company. (See Severy, Lawrence A., assignor.)
- American Products Company, The. (See Flett, Raymond L., assignor.)
- American Radiator & Standard Sanitary Corporation. (See Trout, Harry R., assignor.)
- American Seating Company. (See Normark, Walter, assignor.)
- Ampro Corporation. (See Shapiro, Abraham, assignor.)
- Amyot, Pierre, Quebec, Quebec, Canada. Brassière. 135,699; May 18.
- Anchor Hocking Glass Corporation. (See Barbiers, Ferdinand S., assignor.)
- Anderson Bros. & Johnson Co. (See Johnson, Albert H., assignor.)
- Anderson, David E., Los Angeles, Calif. Cabinet sink. 135,024; Feb. 16.
- Anderson, Eddie E. (See Sears, C. M., and Anderson.)
- Anderson, Gunnar. (See Riley, Jack B., assignor.)
- Anderson, Marshall S., assignor to McCarty-Sherman Distributing Corporation, Denver, Colo. Post hole digging attachment. 135,724; May 25.
- Apfelbaum, Huna L., assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 136,568; Oct. 26.
- Appel, Robert, New York, N. Y. Handbag. 135,816; June 15.
- Arden, Elizabeth, Sales Corporation. (See Freeman, Nathaniel H., assignor.)
- Arena, Egmout, New York, N. Y. Refrigerator. 135,332; Mar. 30.
- Arens, Egmout H., New York, N. Y., and T. C. Brookhart, assignors to The Hobart Manufacturing Company, Troy, Ohio. Slicing machine. 135,739; June 1.
- Armbruster, John T., Niagara Falls, assignor to Spencer Lens Company, Buffalo, N. Y. Microscope. 136,315; Sep. 7.
- Armbruster, John T., Niagara Falls, assignor to Spencer Lens Company, Buffalo, N. Y. Optical counting device. 136,826; Dec. 14.
- Armstrong Cork Company. (See Derham, Philip A., assignor.)
- Armstrong, Victor C., Short Hills, N. J. Golf club head. 136,005; July 20.
- Army Air Cadettes. (See Bercker, Frank H., assignor.)
- Aro Equipment Corporation, The. (See Ginter, Charles W., assignor.)
- Aron, M., Corporation. (See Aron, Morris, assignor.)
- Aron, Morris, South Norwalk, Conn., assignor to M. Aron Corporation, New York, N. Y. Display card or similar article. 135,136; Mar. 2.
- Aronoff, Samuel, Dayton, Ohio. Face plate for a leveling instrument. 135,194; Mar. 9.
- Art Metal Company, The. (See Hrabak, Robert A., assignor.)
- Art Metal Construction Company. (See Clark, Roscoe W., assignor.)
- Ash, Valter J., Woodmere, N. Y. Label or similar article. 135,114; Feb. 23.
- Ashley, Anna M., administratrix. (See Ashley, Frank M.)
- Ashley, Frank M., Great Kills, N. Y.; A. M. Ashley, administratrix of F. M. Ashley, deceased. Fountain pen. 134,950; Feb. 2.
- Associated Electric Laboratories, Inc. (See Giannini, Gabriel M., assignor.)
- Asproff, J. Leah, New York, N. Y. Dress. 135,229; Mar. 9.
- Austin, Charles D., Cincinnati, Ohio, assignor to Advertising Displays, Inc., Covington, Ky. Reading glass. 135,421; Apr. 6.
- Austin, Charles D., Cincinnati, Ohio, assignor to Advertising Displays, Inc., Covington, Ky. Illuminable magnifying glass. 135,422; Apr. 6.
- Austin, Joseph, Hartsdale, assignor to The F. & M. Schaefer Brewing Company, Brooklyn, N. Y. Holder for beer foam scrapers. 135,747; June 1.
- Ayotte, Joseph R., Chicago, Ill. Razor blade. 135,921; July 6.
- Baar, Sylvan M., New York, N. Y. Jabot or similar article. 135,800; June 8.
- Baar, Sylvan M., New York, N. Y. Jabot or similar article. 136,132; Aug. 10.
- Baar, Sylvan M., New York, N. Y. Jabot or similar article. 136,898; Dec. 28.
- Bach, Rita B., New York, N. Y. Combination wallet, cosmetic container and change purse. 135,980; July 13.
- Bach, Rita B., New York, N. Y. Combination wallet, cosmetic container, change purse, and transparent pocket. 135,981; July 13.
- Backus, Marcia, New York, N. Y. Jacket. 134,741; Jan. 1.
- Badger, Thomas N., Berkeley, Calif. Metal bracket clothes hanger. 136,392; Sept. 21.
- Baer, Myrtle, New York, N. Y. Brooch or similar article. 135,088; Feb. 23.
- Baer, Myrtle, New York, N. Y. Brooch or similar article. 135,089; Feb. 23.
- Baer, Myrtle, New York, N. Y. Brooch or similar article. 135,090; Feb. 23.
- Baer, Myrtle, New York, N. Y. Earring. 135,091; Feb. 23.
- Bailey, William S., Irvington, N. J. Flag. 135,658; May 11.
- Baines, John N., Chicago, Ill. Sign or the like. 135,279; Mar. 23.

- Baird, Albert W., Cranford, N. J., assignor to The Linde Air Products Company. Electric welding apparatus. 136,121; Aug. 10.
- Baird, Albert W., Cranford, N. J., assignor to The Linde Air Products Company. Electric welding apparatus. 136,122; Aug. 10.
- Bal, William, Newark, and J. T. Simpson, Fair Haven, N. J. Bed urinal. 135,195; Mar. 9.
- Balch, George W., Pasadena, Calif. Cord cutter. 136,620; Nov. 9.
- Baldwin, Curtis C., Ottawa, Kans. Tractor carried material handler or the like. 135,828; June 15.
- Bannow, Randolph P., Easton, and M. Wahlstrom, Bridgeport, Conn. Attachable shaping machine or the like. 136,019; July 20.
- Barash, Abraham I., Paterson, assignor to Bright Star Battery Company, Clifton, N. J. Flashlight. 136,756; Nov. 30.
- Barash, Abraham I., Paterson, assignor to Bright Star Battery Company, Clifton, N. J. Flashlight. 136,757; Nov. 30.
- Barbieri, Nicholas, Providence, R. I. Brooch or similar article. 135,513; Apr. 20.
- Barbieri, Nicholas, Providence, R. I. Brooch or similar article. 135,514; Apr. 20.
- Barbieri, Nicholas, Providence, R. I. Brooch or similar article. 135,515; Apr. 20.
- Barbieri, Nicholas, Providence, R. I. Brooch or similar article. 135,516; Apr. 20.
- Barbiers, Ferdinand S., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Glass coffee maker or article of similar nature. 134,823; Jan. 19.
- Barber, Edwin, Cincinnati, Ohio. Greeting card or similar article. 136,006; July 20.
- Barker, Harvey L. (See Pearl, Henry J., assignor.)
- Barnes, James F., as trustee. (See Bernhardt, R., and Reinecke, assignors.)
- Barnes, James F., trustee. (See Rebholz, Elmer F., assignor.)
- Barnes, Robert W., assignor to Robt. W. Barnes, Inc., Chicago, Ill. Casing for a dispensing container. 138,511; Oct. 19.
- Barnes, Robt. W., Inc. (See Barnes, Robert W., assignor.)
- Baron & Arnoff, Inc. (See Misley, John J., assignor.)
- Baron, Arthur A., et al. (See Vendepoe, Van L., assignor.)
- Bartelt, Harold L., Beloit, Wis. Tool setting and checking gauge. 134,883; Jan. 26.
- Bartholomew, Ermon C., St. Louis, Mo. Riding stick toy. 136,930; Aug. 21.
- Bartness, Russell S., assignor to Montgomery Ward & Co., Chicago, Ill. Ring. 136,481; Oct. 12.
- Bartram, Harry E., Sumner, Ill. Atomizer. 134,988; Feb. 9.
- Basecu, Arthur, Brooklyn, N. Y. Ash tray. 134,729; Jan. 5.
- Basecu, Arthur, Brooklyn, N. Y. Statuette. 135,608; May 4.
- Bassons. (See Englehardt, Charles P., assignor.)
- Bauer, Louise E., Zanesville, assignor to The A. E. Hull Pottery Company, Incorporated, Crooksville, Ohio. Cookie jar. 135,889; June 29.
- Baumgardner, Cersal F., Celina, Ohio. Portable paving machine. 135,005; Feb. 9.
- Baumgartner, Apollinaris, New York, N. Y. Liturgical fabric or similar article. 135,956; July 13.
- Baumgartner, Apollinaris, New York, N. Y. Liturgical fabric or similar article. 135,957; July 13.
- Baumgartner, Apollinaris, New York, N. Y. Orphrey or similar article. 135,958; July 13.
- Baumgartner, Apollinaris, New York, N. Y. Orphrey or similar article. 135,959; July 13.
- Baumgartner, Apollinaris, New York, N. Y. Liturgical fabric or similar article. 136,788; Dec. 7.
- Baumgartner, Apollinaris, New York, N. Y. Liturgical fabric or similar article. 136,789; Dec. 7.
- Baumgartner, Apollinaris, New York, N. Y. Liturgical fabric or similar article. 136,790; Dec. 7.
- Baumgartner, Frederick W., Kansas City, Mo. Combined message sheet and envelope. 135,748; June 1.
- Baundendistel, Mathias H., St. Louis, Mo. Infant's shoe. 136,614; Nov. 9.
- Bausch & Lomb Optical Company. (See Bausch, William, assignor.)
- Bausch & Lomb Optical Company. (See Flint, Edward F., assignor.)
- Bausch & Lomb Optical Company. (See Sterling, Scott, assignor.)
- Bausch, William, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Goggles. 135,237; Mar. 11.
- Beauchamp, Virgil G., Chapin, Ill. Sewing basket. 136,154; Aug. 10.
- Becker, Fred H., and L. F. Peabody, assignors to The Ohio Leather Company, Girard, Ohio. Leather or similar article of manufacture. 136,044; July 27.
- Beckwith, Wendell K., Whitewater, assignor to Milwaukee Electric Tool Corporation, Milwaukee, Wis. Portable electric motor-driven tool unit. 136,465; Oct. 12.
- Beebe Brothers Rubber Company. (See Beebe, E. Colman, assignor.)
- Beebe, E. Colman, assignor to Beebe Brothers Rubber Company, Nashua, N. H. Shoe sole. 135,791; June 8.
- Behrman, Harry P., St. Albans, N. Y. Wallet. 134,730; Jan. 6.
- Behrman, Harry P., St. Albans, N. Y. Wallet. 134,937; Feb. 2.
- Behrman, Harry P., St. Albans, N. Y. Purse. 136,425; Oct. 5.
- Behrman, Mayes, Atlanta, Ga., assignor to Starr Engraving Company, Houston, Tex. Badge or similar article. 135,367; Mar. 30.
- Beisler, Herbert B., Chicago, Ill. Garment rack. 134,854; Jan. 26.
- Beidler, Herbert B., Chicago, Ill. Hat rack. 134,855; Jan. 26.
- Beidler, Herbert B., Chicago, Ill. Garment rack. 135,771; June 8.
- Bell, Forrest F., assignor to Curtis Companies Incorporated, Clinton, Iowa. Weather strip. 134,792; Jan. 12.
- Bell Aircraft Corporation. (See Woods, Robert J., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Brown, Wolfe W., assignor.)
- Bell Telephone Laboratories, Incorporated. (See Lum, George R., assignor.)
- Bell, Thomas A., and A. E. Shagen, Brooklyn, N. Y. Finger nail protector. 136,030; July 20.
- Bendix, Juliette, and E. Halouze, New York, N. Y. Eyeglass frame. 136,405; Sept. 28.
- Ben Hur Products, Inc. (See Tawdlsh, Rebecca, assignor.)
- Benner Box & Printing Company. (See Benner, Thomas F., assignor.)
- Benner, Thomas W., assignor to Benner Box & Printing Company, Miami, Fla. Garment hanger. 134,980; Feb. 9.
- Bennett, Charles R., Cleveland, Ohio. Dispenser for sugar or the like. 136,307; Sept. 7.
- Benzel, Howard A., Marilla, assignor to Scott Aviation Corporation, Lancaster, N. Y. Compressor for a hydraulic brake unit or the like. 135,751; May 25.
- Berch, Frank H., assignor to Army Air Cadettes, Milwaukee, Wis. Pin. 135,305; Mar. 23.
- Berg, Roy E., Great Neck, N. Y., assignor to Tech-Art Plastics Company. Spoon or other article of flatware. 135,960; July 13.
- Berg, Roy E., Great Neck, N. Y., assignor to Tech-Art Plastics Company. Spoon or other article of flatware. 135,961; July 13.
- Berger, Arthur M., New York, N. Y. Uniform. 135,901; June 29.
- Berger, Milton, New York, N. Y. Dress. 135,013; Feb. 9.
- Berkshire Knitting Mills. (See Allen, Arthur S., assignor.)
- Berlin, Donovan R., Detroit, Mich. Airplane. 135,749; June 1.
- Bernard, Bernard, and Bruno W. Kirschner, New York, N. Y. Toothbrush or similar article. 136,031; Nov. 9.
- Bernard, Bernard, and Bruno W. Kirschner, New York, N. Y. Toothbrush. 136,032; Nov. 9.
- Bernhardt, R., and J. O. Reinecke, assignors to J. F. Barnes, as trustee, Chicago, Ill. Clamp for blankets and the like. 136,730; Nov. 30.
- Bernstein, Joseph, New York, N. Y. Embroidered fabric. 134,989; Feb. 9.
- Bernstein, Maurice J., Brighton, assignor to Panther-Panco Rubber Co., Inc., Chelsea, Mass. Shoe. 135,811; June 15.
- Berlin, Albert, Brooklyn, and Louis Samuels, New York, N. Y. Curtain display rack. 135,812; June 15.
- Betesh, Charles I., New York, N. Y. Tablecloth or similar article. 135,637; May 4.
- Betesh, Charles I., New York, N. Y. Tablecloth or similar article. 135,638; May 4.
- Betesh, Charles I., New York, N. Y. Tablecloth or similar article. 135,907; July 6.
- Betesh, Charles I., New York, N. Y. Tablecloth or similar article. 135,908; July 6.
- Betesh, Charles I., New York, N. Y. Tablecloth or similar article. 136,045; July 27.
- Bezbrodsko, David, New York, N. Y. Folding mirror or similar article. 135,404; Apr. 6.
- Bigler, Oscar A., Chicago, Ill., and M. S. Larison, Frankford, Pa., assignors to United States Gypsum Company, Chicago, Ill. Roofing shingle. 135,045; Feb. 16.
- Bihari, Henry J., Bronx, N. Y. Finger ring. 135,352; Mar. 30.
- Bilde, Tord E. D., Stockholm, Sweden. Combined bicycle guard and lamp. 135,493; Apr. 13.
- Billar, David J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Portable electric lighting fixture. 135,092; Feb. 23.
- Billar, David J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Portable electric lighting fixture. 135,093; Feb. 23.
- Billar, David J., assignor to Day-Brite Lighting, Inc., St. Louis, Mo. Housing for a fluorescent lighting fixture. 135,375; Mar. 30.
- Bingham, George H., Jr., Lincoln, assignor to Cambridge Rubber Co., Cambridge, Mass. Rubber shoe. 135,238; Mar. 16.
- Bingham, George H., Jr., Lincoln, assignor to Cambridge Rubber Co., Cambridge, Mass. Spt. 135,909; July 6.
- Bird, Kenneth A. (See Farley, E. E. and Bird.)

- Bird & Son, inc. (See Wright, William R., assignor.)
 Birenbaum, William, Haverhill, Mass. Shoe. 136,076; Aug. 3.
 Birnbaum, Charles, Brooklyn, N. Y. Ring mounting. 135,243; Mar. 16.
 Birsh, Henry, New York, N. Y. Stocking or similar article. 136,926; Dec. 28.
 Birtman Electric Company. (See Lanter, Clarence W., assignor.)
 Black, Donald H., Salem, Oreg. Acetylene torch. 136,207; Aug. 24.
 Black, Oswald R. (See Taube, W. G., and Black.)
 Blair, Robert F., Guttenberg, N. J. Tobacco pipe. 135,046; Feb. 16.
 Blakeney, Francis M. (See Ring, Ernest A., assignor.)
 Blaylock, Raymond C., Bexley, Ohio. Airplane. 136,577; Oct. 26.
 Bley, Fred, Chicago, Ill. Drag angle finder for diamond dressing tools. 136,535; Oct. 19.
 Block, J. & L. (See Block, Joseph, assignor.)
 Block, Joseph, assignor to J. & L. Block, New York, N. Y. One cup drip coffee maker. 135,841; June 22.
 Block, Richard G., Los Angeles, Calif. Combination picture frame and flower container. 136,054; July 27.
 Bloom, Abraham, Chicago, Ill. Trimming. 136,375; Sept. 21.
 Bloom, Samuel, New York, N. Y. Dress. 136,031; July 20.
 Bloom, Samuel, New York, N. Y. Dress. 136,032; July 20.
 Bluemink, Gary G., Racine, Wis., assignor to The Du-more Company. Electric motor. 136,349; Sept. 14.
 Blue Ridge Spread Company. (See Richman, Arthur N., assignor.)
 Blumstein, Julius, Brighton Beach, N. Y. Finger ring. 136,138; Aug. 10.
 Bock, Jacob M., New York, N. Y. Cigarette holder ring. 135,700; May 18.
 Boeing Airplane Company. (See Hudson, V. L., and Zipp, assignors.)
 Bonde, Kenneth C., Chicago, Ill. Juice extractor. 136,772; Dec. 7.
 Bonwit Teller & Company, et al. (See Rotthaus, Elisabeth D., assignor.)
 Booharin, Leo Y., assignor of one-half to M. Cooney, San Francisco, Calif. Flag. 135,115; Feb. 23.
 Booharin, Leo Y., San Francisco, Calif. Timepiece dial. 135,456; Apr. 13.
 Booty, Philip C. P., Chicago, Ill. Support for a table tennis net. 135,915; July 6.
 Borden Company, The. (See Oehrle, Walter, assignor.)
 Borg-Warner Corporation. (See Zetterberg, Arvid P., assignor.)
 Borgfeldt, Geo., Corporation. (See Kearney, George L., assignor.)
 Borregard, Ernst, Long Island City, N. Y. Display device for paints or the like. 135,244; Mar. 16.
 Borten, Isidore, New Haven, Conn. Cap. 135,435; Apr. 6.
 Botany Worsted Mills. (See Goldsmith, Berthold, Jr., assignor.)
 Botham, Arthur R., New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Traveling case. 135,357; Mar. 20.
 Botham, Arthur R., New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Combined traveling case and cosmetic holder. 135,358; Mar. 30.
 Botham, Arthur R., New York, N. Y., assignor to Coty, Inc. Combined stand and perfume bottles. 135,484; Apr. 13.
 Botham, Arthur R., New York, N. Y., assignor to Coty, Inc. Combined stand and perfume bottles. 135,485; Apr. 13.
 Botham, Arthur R., New York, N. Y., assignor to Coty, Inc. Combined stand and perfume bottles. 135,486; Apr. 13.
 Botham, Arthur R., New York, N. Y., assignor to Coty, Inc. Combined stand and perfume bottle. 135,487; Apr. 13.
 Botham, Arthur R., New York, N. Y., assignor to Coty, Inc. Combined stand and perfume bottles. 135,488; Apr. 13.
 Botham, Arthur R., New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Combined handbag and cosmetic holder. 135,568; Apr. 27.
 Botham, Arthur R., New York, N. Y., assignor to Coty, Inc. Combined perfume bottle and stand therefor. 136,155; Aug. 10.
 Botham, Arthur R., New York, N. Y., assignor to Coty, Inc. Combined perfume bottle and stand therefor. 136,184; Aug. 17.
 Botham, Arthur R., assignor to Coty, Inc., New York, N. Y. Combined perfume bottle and stand therefor. 136,569; Oct. 26.
 Boudinot, Eugene S., Des Moines, Iowa. Brooch or similar article. 136,007; July 20.
 Bouet-Williams, René, New York, N. Y. Textile fabric or similar article. 134,334; Jan. 19.
 Bourget, Frank E., et al. (See Rosier, Philip G., assignor.)
 Bouscher, Ruth J. (See Leszczynsky, J., and Bouscher.)
 Boyar, Benjamin, Woodmere, N. Y. Carrying case or similar article. 135,359; Mar. 30.
 Boyles, Nesbit A., Hartford City, Ind. Wood fastener. 136,371; Sept. 21.
 Braddon, Frederick D., Babylon, assignor to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Repeater compass indicator. 135,533; Apr. 20.
 Brady, Philip H., Bellefonte, Pa. Game board. 136,633; Nov. 9.
 Brandenburg Instrument Co. (See Brandenburg, Julius, assignor.)
 Brandenburg, Julius, New York, N. Y. Combined neurological hammer, brush, and needle. 136,273; Aug. 31.
 Brandenburg, Julius, New York, N. Y., assignor to Brandenburg Instrument Co., Inc. Micro blood sedimentation apparatus. 136,377; Sept. 21.
 Brandfield, Leo, New York, N. Y. Earring. 136,600; Nov. 2.
 Braun, Francis F., Cincinnati, assignor to The Globe-Wernicke Company, Norwood, Ohio. Desk. 134,717; Jan. 5.
 Braun, Jerome. (See Corwin, S., and Braun.)
 Breckwoldt, Julius, & Son, Inc. (See Schultz, William D., assignor.)
 Breeden, Robert M., Millville, N. J. Bottle. 136,219; Aug. 24.
 Breze, Corporations, Inc. (See Cadman, Arthur H., assignor.)
 Brennan, Raymond F., Attleboro, Mass. Rosary plaque. 134,793; Jan. 12.
 Brennan, Raymond F., Attleboro, Mass. Religious plaque. 134,856; Jan. 26.
 Brennan, Raymond F., Attleboro, Mass. Cross support and display unit. 134,993; Feb. 9.
 Bresch, Mordimer M., New York, N. Y. Dress or similar article. 135,043; Feb. 16.
 Breuner, Wallace E., Oakland, Calif. Vise. 135,081; Feb. 23.
 Breuner, Wallace E., Oakland, Calif. Adapter for a ski pack sled. 135,360; Mar. 30.
 Brewster-Squires Company. (See Patche, Clinton J., assignor.)
 Bright Star Battery Company. (See Barash, Abraham I., assignor.)
 Brilhart, Arnold, Great Neck, N. Y. Cap for a musical instrument mouthpiece. 135,886; June 29.
 Brinker, John H., Covington, Ky., assignor to The Globe-Wernicke Company, Norwood, Ohio. Clip board. 134,966; Feb. 2.
 Briz, Maurice, Chicago, Ill. Ash tray. 135,245; Mar. 16.
 Britz, Maurice, Chicago, Ill. Ash tray. 135,376; Mar. 30.
 Broas, William C., Verona, N. J. Ring. 135,116; Feb. 23.
 Brodsky, Charles, Brooklyn, N. Y. Poultry watering urip fountain. 136,201; Aug. 24.
 Brodsky, Samuel, Brooklyn, N. Y. Combined memorandum pad, pencil, and holder therefor, or similar article. 135,675; May 11.
 Brodsky, Samuel, Brooklyn, N. Y. Combined memorandum pad, pencil, and holder therefor, or similar article. 135,676; May 11.
 Brodton, Lynn, Collingswood, assignor to Flashlight Company of America, Jersey City, N. J. Flashlight or similar article. 135,225; Mar. 9.
 Brown, Frank C., Larchmont, N. Y. Dress. 135,885; June 29.
 Bromberg, Louis, Rockaway Park, N. Y. Piano. 136,083; Aug. 3.
 Bronzan, Blasito. (See Schisby, L. D., and Bronzan.)
 Brookhart, Theodore C. (See Arens, E. H., and Brookhart.)
 Brooks, Ernest N., Toronto, Ontario, Canada. Trackway cribbage board. 136,008; July 20.
 Brooks, Stephen H., and M. A. Wright, Beverly Hills, Calif. Match book holder. 136,033; July 20.
 Brothers, Abe R., Brooklyn, N. Y. Necktie-rack or the like. 135,750; June 1.
 Broughton, Herbert O., Minneapolis, Minn. Game board. 136,393; Sept. 21.
 Brown, Arthur T., Tucson, Ariz. House. 135,609; May 4.
 Brown, H. Brainard, Rochester, N. Y. Combined compass and match case. 134,829; Jan. 19.
 Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 135,590; Apr. 27.
 Brown, Morton, New York, N. Y. Slip. 135,006; Feb. 9.
 Brown, Morton, New York, N. Y. Slip. 135,869; June 22.
 Brown, Morton, New York, N. Y. Slip. 136,516; Oct. 19.
 Brown, Phelps, Jr., Springfield, assignor to Southworth Company, West Springfield, Mass. Envelope. 136,084; Aug. 3.
 Brown, Richard N. (See Welsbender, E. R., and Brown.)
 Brown, Robert H., Indianapolis, Ind. Aeroplane. 135,534; Apr. 20.
 Brown, Thomas J., West Medford, assignor to David Thomas, Inc., Boston, Mass. Handkerchief or similar article. 135,196; Mar. 9.
 Brown, William H., and S. W. Young, Wilton, Conn. Chair. 134,806; Jan. 19.
 Brown, Wolfe W., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone operator's chair. 135,333; Mar. 30.

- Brown, Wolfe W., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone operator's chair. 135,334; Mar. 30.
- Brayne, Richard C., assignor to The Todd Company, Inc., Rochester, N. Y. Apparatus for collating and posting business forms. 135,751; June 1.
- Bruson Company. (See Wallis, Marvin E., assignor.)
- Brunk, Harold J., Chicago, Ill., assignor to The C. F. House Company. Blueprint machine. 135,870; June 22.
- Brunswick-Balke-Coller Company, The. (See Kennedy, Robert E., assignor.)
- Brush Development Company, The. (See Williams, A. L. W., and Rutter, assignors.)
- Bryant Engineering Corporation. (See Bryant, Raymond W., assignor.)
- Bryant, Raymond W., Bellwood, Ill., assignor to Bryant Engineering Corporation, Spokane, Wash. Hydraulic control unit. 135,626; May 4.
- Buckingham, John D., assignor to Lucien Lelong, Inc., Chicago, Ill. Container for cologne bottle or similar article. 135,220; Mar. 9.
- Buckingham, John D., assignor to Lucien Lelong Inc., Chicago, Ill. Combined bottle and stopper. 135,569; Apr. 27.
- Budlong, Robert D., Skokie, assignor to Zenith Radio Corporation, Chicago, Ill. Combined radio receiver and clock casing. 136,827; Dec. 14.
- Buller, John B., St. Joseph, Mo. Handle for a safety razor. 135,044; Feb. 16.
- Bunton, Thomas R., Calgary, Alberta, Canada. Fruit juice extractor. 135,703; May 18.
- Burdick, Richard, et al. (See Vendope, Van L., assignor.)
- Burford, Walter J., Baltimore, Md. Food mixer. 135,647; May 11.
- Burgess Battery Company. (See Manning, Willis L., assignor.)
- Burke, Edward J., assignor to Southern Stove Works, Inc., Richmond, Va. Circulating heater. 135,554; Apr. 27.
- Burke, Wilfred H., Hutchinson, Kans. Combined collapsible tube and dispensing closure therefor. 135,246; Mar. 16.
- Burkhard, William L., assignor to The Gates Rubber Company, Denver, Colo. Display rack for belts or the like. 136,158; Aug. 17.
- Burn, Walter P., and H. L. Jurkops, Washington, D. C., assignors to the United States of America, as represented by the United States Director of Civilian Defense Office of Civilian Defense. Applique emblem or similar article. 134,923; Feb. 2.
- Burn, Walter P., and H. L. Jurkops, assignors to the United States of America, as represented by the United States Director of Civilian Defense, Office of Civilian Defense. Applique emblem or similar article. 136,059; July 27.
- Burnell, Vincent J., Keyport, N. J. Airplane. 136,249; Apr. 24.
- Burnside, Lillian P., New York, N. Y. Lady's hat or similar article. 136,706; Nov. 23.
- Burton Brothers & Co. (See Burton, John H., assignor.)
- Burton, John H., East Islip, assignor to Burton Brothers & Co., Inc., New York, N. Y. Textile fabric. 134,731; Jan. 5.
- Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wall paper border or similar article. 136,426; Oct. 5.
- Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wall paper border or similar article. 136,427; Oct. 5.
- Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wall paper border or similar article. 136,428; Oct. 5.
- Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wall paper border or similar article. 136,429; Oct. 5.
- Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wall paper border or similar article. 136,430; Oct. 5.
- Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wall paper border or similar article. 136,431; Oct. 5.
- Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wall paper border or similar article. 136,432; Oct. 5.
- Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wall paper border or similar article. 136,482; Oct. 12.
- Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wall paper border or similar article. 136,483; Oct. 12.
- Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wall paper border or similar article. 136,484; Oct. 12.
- Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wall paper border or similar article. 136,485; Oct. 12.
- Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wall paper border or similar article. 136,542; Oct. 26.
- Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wall paper border or similar article. 136,543; Oct. 26.
- Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper border or similar article. 136,544; Oct. 26.
- Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper border or similar article. 136,545; Oct. 26.
- Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper border or similar article. 136,546; Oct. 26.
- Burton, William, assignor to Trimz Company, Inc., Chicago, Ill. Wallpaper border or similar article. 136,573; Oct. 26.
- Butler, Noble C. (See Steinbicker, C. G., and Butler.)
- Butler, Ursal K. (See Flynt, Robert C., assignor.)
- Butler, Ursal K. (See Flynt, R. C., and Butler.)
- Butt, Charles S., Jr. (See Kemmer, P. H., Butt, and Reichert.)
- Button Rim Corporation. (See Frank, Charles H., assignor.)
- Buzas, Motiejus, Chicago, Ill. Gyro-top or similar toy. 134,857; Jan. 26.
- Buzzard, Arthur K., et al. (See Dill, Charles C., assignor.)
- Buzzard, Martelle, et al. (See Dill, Charles C., assignor.)
- Byrnes, Charles A., Chicago, Ill. Defense stamp vending device or similar article. 136,194; Aug. 17.
- Cadet Smokestands Company. (See Fletcher, Maurice J., assignor.)
- Cadman, Arthur H., Orange, assignor to Breeze Corporations, Inc., Newark, N. J. Badge or similar article. 136,749; Nov. 30.
- Cadwalader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lamp lens. 134,830; Jan. 19.
- Cadwalader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lamp lens. 134,831; Jan. 19.
- Cadwalader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile. 135,148; Mar. 2.
- Cadwalader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile bumper. 135,535; Apr. 20.
- Cadwalader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lamp lens. 135,570; Apr. 27.
- Cadwalader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lamp lens. 135,571; Apr. 27.
- Cadwalader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Lamp lens. 135,572; Apr. 27.
- Caldwell, Walter T., assignor to The George E. Falling Supply Company, Enid, Okla. Combined valve and operating attachment. 136,882; Dec. 21.
- Calnan, James P., Belmont, Mass. Crucifix. 135,247; Mar. 16.
- Calnan, James P., Belmont, Mass. Crucifix or similar article. 135,610; May 4.
- Cambridge Rubber Co. (See Bingham, George H., Jr., assignor.)
- Cameron, Allen, Oakland, and Victor H. Kidney, Alameda, Calif. Navigation instrument. 136,707; Nov. 23.
- Camuro, Hosié I., Beloit, Wis. Badge or the like. 134,858; Jan. 26.
- Cameron, William H. M., Toronto, Ontario, Canada. Game device. 135,377; Mar. 30.
- Cameron, William P., Washington, D. C., assignor to Edmilton Corporation, Milwaukee, Wis. Picture frame. 136,176; Aug. 17.
- Campbell, Sterling H., and F. H. Pletzsch, assignors to Railway Devices Company, St. Louis, Mo. Transitional angle cock holder. 135,423; Apr. 6.
- Cannon, Nahum A., Birmingham, Ala. Paperweight. 135,388; Mar. 30.
- Caplan, Lester P., St. Louis, Mo. Automobile body trim molding strip. 135,948; July 6.
- Cardona, Carlos J., Los Angeles, Calif. Eye-shade or similar article. 136,847; Dec. 14.
- Carlucci, Vincent F., New York, N. Y. Overall or similar article. 135,860; June 22.
- Carman, Owsley E., Vale, Oreg. Agitator for milk. 136,324; Sept. 7.
- Caron, Alexander, New York, N. Y. Dress. 135,014; Feb. 9.
- Carner, Victor H., Boston, Mass. Dental tool unit. 136,376; Sept. 21.
- Carson, Gretel E., Chicago, Ill. Ring cigarette holder. 135,032; Feb. 16.
- Carson, Gretel E., Chicago, Ill. Combined cigarette holder and ash tray. 136,572; Oct. 26.
- Carson, Nettye D., New York, N. Y. Dress. 135,015; Feb. 9.
- Carson, Nettye D., New York, N. Y. Dress. 135,016; Feb. 9.
- Carson, Nettye D., New York, N. Y. Dress. 136,327; Sept. 7.
- Carson, Oswald B., Scarsdale, assignor to American Hard Rubber Company, New York, N. Y. Dressing comb. 135,817; June 15.
- Cartier, Inc. (See Foret, Edmond, assignor.)
- Cartier, Inc. (See Graeter, Harold, assignor.)
- Cartier, Inc. (See Lebaigue, Henri, assignor.)
- Cartier, Inc. (See Schmitz, Carl L., assignor.)

- Casanov, Raymond C., Chicago, Ill. Battery holder. 136,758; Nov. 30.
- Casey, Clyde, Detroit, Mich. Weather indicating device. 136,108; Aug. 3.
- Cashin, Bonnie, New York, N. Y. Dress. 134,743; Jan. 5.
- Cashin, Bonnie, New York, N. Y. Dress. 134,744; Jan. 5.
- Cashin, Bonnie, New York, N. Y. Dress. 134,745; Jan. 5.
- Cashin, Bonnie, New York, N. Y. Dress. 134,746; Jan. 5.
- Cashin, Bonnie, New York, N. Y. Dress. 134,747; Jan. 5.
- Cashin, Bonnie, New York, N. Y. Dress. 134,748; Jan. 5.
- Cashin, Bonnie, New York, N. Y. Dress. 134,749; Jan. 5.
- Cashin, Bonnie, New York, N. Y. Dress. 134,750; Jan. 5.
- Cashin, Bonnie, New York, N. Y. Dress. 134,751; Jan. 5.
- Cashin, Bonnie, New York, N. Y. Dress. 134,752; Jan. 5.
- Cashin, Bonnie, New York, N. Y. Dress. 134,753; Jan. 5.
- Cashin, Bonnie, New York, N. Y. Dress. 134,754; Jan. 5.
- Cashin, Bonnie, New York, N. Y. Dress. 135,110; Feb. 23.
- Cashin, Bonnie, New York, N. Y. Dress. 135,117; Feb. 23.
- Cashin, Bonnie, New York, N. Y. Dress. 135,125; Feb. 23.
- Cashin, Bonnie, New York, N. Y. Dress. 135,226; Mar. 9.
- Cashin, Bonnie, New York, N. Y. Dress. 135,230; Mar. 9.
- Cashin, Bonnie, New York, N. Y. Dress. 135,231; Mar. 9.
- Cashin, Bonnie, New York, N. Y. Dress. 135,271; Mar. 16.
- Cashin, Bonnie, New York, N. Y. Dress. 135,326; Mar. 23.
- Cashin, Bonnie, New York, N. Y. Dress. 135,327; Mar. 23.
- Cashin, Bonnie, New York, N. Y. Dress. 135,396; Mar. 30.
- Cashin, Bonnie, New York, N. Y. Dress. 135,397; Mar. 30.
- Cashin, Bonnie, New York, N. Y. Dress. 135,398; Mar. 30.
- Cashin, Bonnie, New York, N. Y. Dress. 135,399; Mar. 30.
- Cashin, Bonnie, New York, N. Y. Dress. 135,449; Apr. 6.
- Cashin, Bonnie, New York, N. Y. Dress. 135,450; Apr. 6.
- Cashin, Bonnie, New York, N. Y. Dress. 135,451; Apr. 6.
- Cashin, Bonnie, New York, N. Y. Dress. 135,452; Apr. 6.
- Cashin, Bonnie, New York, N. Y. Dress. 135,453; Apr. 6.
- Cashin, Bonnie, New York, N. Y. Dress. 135,543; Apr. 20.
- Cashin, Bonnie, New York, N. Y. Dress. 135,544; Apr. 20.
- Cashin, Bonnie, New York, N. Y. Dress. 135,545; Apr. 20.
- Cashin, Bonnie, New York, N. Y. Dress. 135,546; Apr. 20.
- Cashin, Bonnie, New York, N. Y. Dress. 135,591; Apr. 27.
- Cashin, Bonnie, New York, N. Y. Dress. 136,034; July 20.
- Cashin, Bonnie, New York, N. Y. Dress. 136,035; July 20.
- Cashin, Bonnie, New York, N. Y. Dress. 136,036; July 20.
- Cashin, Bonnie, New York, N. Y. Dress. 136,068; July 27.
- Cashin, Bonnie, New York, N. Y. Dress. 136,069; July 27.
- Cashin, Bonnie, New York, N. Y. Dress. 136,070; July 27.
- Cashin, Bonnie, New York, N. Y. Dress. 136,071; July 27.
- Cashin, Bonnie, New York, N. Y. Dress. 136,112; Aug. 3.
- Cashin, Bonnie, New York, N. Y. Dress. 136,123; Aug. 10.
- Cashin, Bonnie, New York, N. Y. Dress. 136,147; Aug. 10.
- Cashin, Bonnie, New York, N. Y. Dress. 136,148; Aug. 10.
- Cashin, Bonnie, New York, N. Y. Dress. 136,149; Aug. 10.
- Cashin, Bonnie, New York, N. Y. Dress. 136,150; Aug. 10.
- Cashin, Bonnie, New York, N. Y. Dress. 136,151; Aug. 10.
- Cashin, Bonnie, New York, N. Y. Dress. 136,152; Aug. 10.
- Cashin, Bonnie, New York, N. Y. Dress. 136,191; Aug. 17.
- Cashin, Bonnie, New York, N. Y. Dress. 136,192; Aug. 17.
- Cashin, Bonnie, New York, N. Y. Dress. 136,195; Aug. 17.
- Cashin, Bonnie, New York, N. Y. Dress. 136,196; Aug. 17.
- Cashin, Bonnie, New York, N. Y. Dress. 136,197; Aug. 17.
- Cashin, Bonnie, New York, N. Y. Dress. 136,274; Aug. 31.
- Cashin, Bonnie, New York, N. Y. Dress. 136,275; Aug. 31.
- Cashin, Bonnie, New York, N. Y. Dress. 136,328; Sept. 7.
- Cashin, Bonnie, New York, N. Y. Dress. 136,329; Sept. 7.
- Cashin, Bonnie, New York, N. Y. Dress. 136,330; Sept. 7.
- Cashin, Bonnie, New York, N. Y. Dress. 136,331; Sept. 7.
- Cashin, Bonnie, New York, N. Y. Dress. 136,357; Sept. 14.
- Cashin, Bonnie, New York, N. Y. Dress. 136,685; Nov. 23.
- Cashin, Bonnie, New York, N. Y. Dress. 136,686; Nov. 23.
- Cashin, Bonnie, New York, N. Y. Dress. 136,690; Nov. 23.
- Castleton China Incorporated. (See Gougler, Marcelline, assignor.)
- Celanese Corporation of America. (See King, Muriel, assignor.)
- Center, Charles I. and W. E. Tarr, South Bend, Ind. Desk. 135,007; Feb. 9.
- Center, Charles I. and W. E. Tarr, South Bend, Ind. Desk. 135,261; Mar. 16.
- Century Oxford Manufacturing Corporation. (See Levy, Arthur M., assignor.)
- Chadkin, Bernard, New York, N. Y. Pocket stereoscope. 135,378; Mar. 30.
- Chalk, Benjamin, New York, N. Y. Mitten. 136,094; Aug. 3.
- Chalk, Benjamin, New York, N. Y. Vest or similar article. 136,300; Sept. 7.
- Chalk, Benjamin, New York, N. Y. Vest or similar article. 136,460; Oct. 12.
- Chaney, Austin B., San Francisco, Calif., assignor to American Optical Company, Southbridge, Mass. Ophthalmic-mounting lens. 136,095; Aug. 3.
- Chaney, Austin B., San Francisco, Calif., assignor to American Optical Company, Southbridge, Mass. Pair of spectacles. 136,096; Aug. 3.
- Chapman, Harvey A., Minneapolis, Minn. Lawn chair. 136,652; Nov. 16.
- Charles, Camille, New York, N. Y. Dress. 134,938; Feb. 2.
- Chay, Tee Ka, Brooklyn, N. Y. Game board or similar article. 135,337; Mar. 30.
- Cheney, Ralph G., and B. S. Pascall, Seattle, Wash.; said Cheney assignor to said Pascall. Nebulizer. 135,468; Apr. 13.
- Chernow, Michael, New York, N. Y. Earring clip. 135,873; June 29.
- Chernow, Michael, New York, N. Y. Earring. 136,077; Aug. 3.
- Chernow, Michael, New York, N. Y. Earring. 136,486; Oct. 12.
- Chernow, Michael, New York, N. Y. Earring. 136,487; Oct. 12.
- Chernow, Michael, New York, N. Y. Earring. 136,488; Oct. 12.
- Chernow, Michael, New York, N. Y. Earring. 136,491; Oct. 12.
- Chernow, Michael, New York, N. Y. Earring. 136,492; Oct. 12.
- Chernow, Michael, New York, N. Y. Earring. 136,493; Oct. 12.
- Chernow, Michael, New York, N. Y. Earring. 136,494; Oct. 12.
- Chernow, Michael, New York, N. Y. Earring. 136,495; Oct. 12.
- Chernow, Michael, New York, N. Y. Earring. 136,496; Oct. 12.
- Chernow, Michael, New York, N. Y. Earring. 136,497; Oct. 12.
- Chicago Musical Instrument Co. (See Peers, Sidney J., assignor.)
- Chic-Maid Hat Manufacturing Co., Inc. (See Gross, Max, assignor.)
- Chiang, George L., New York, N. Y. Automobile. 136,106; Aug. 3.
- Chiang, George L., New York, N. Y. Automobile. 136,107; Aug. 3.
- Christensen, Iva M., Mayfield, Utah. Bonnet. 136,605; Nov. 2.
- Christensen, Iva M., Mayfield, Utah. Bonnet. 136,606; Nov. 2.
- Chrysler Corporation. (See Cadwallader, Robert, assignor.)
- Churchill, Charles H., Cortland, N. Y. Garden hose holder. 134,939; Feb. 2.

- City Engineering Company, The. (See Joyce, W. E., Himes, and Wilson, assignors.)
- Civilian Defense, Office of. United States of America, as represented by the United States Director of Civilian Defense. (See Burn, W. P., and Jurkops, assignors.)
- Civilian Defense, the United States of America, as represented by the Director of. (See Jurkops, Helen L., assignor.)
- Clafin, Roland S., Park Ridge, Ill. Teething device. 135,585; May 7.
- Cladin, Roland S., Park Ridge, Ill. Teething device. 136,301; Sept. 7.
- Clark, James G., Newark, N. J. Fluorescent electric light fixture. 135,217; Mar. 9.
- Clark, Joanne, Los Angeles, Calif. Egg separator. 136,251; Aug. 31.
- Clark, Roscoe W., Lakewood, assignor to Art Metal Construction Company, Jamestown, N. Y. Letter tray or analogous article. 136,711; Nov. 23.
- Clark, W. L. M., Inc. (See Clark, William A., assignor.)
- Clark, W. L. M., Inc. (See Clark, William L. M., assignor.)
- Clark, W. L. M., Inc. (See Dempsey, John E., assignor.)
- Clark, William A., St. Louis, Mo. Mitten. 135,368; Mar. 30.
- Clark, William A., assignor to W. L. M. Clark, Inc., St. Louis, Mo. Bootie. 135,760; June 1.
- Clark, William L. M., assignor to W. L. M. Clark, Inc., St. Louis, Mo. Carrying bag. 135,218; Mar. 9.
- Clausing, Henry, assignor to Vulcan Corporation, Portsmouth, Ohio. Combined shoe sole and heel. 134,932; Feb. 2.
- Cleaver-Brooks Company. (See Cleaver, J. C., and Resek, assignors.)
- Cleaver-Brooks Company. (See Stevens, Clifford B., assignor.)
- Cleaver, John C., and J. V. Resek, Whitefish Bay, assignors to Cleaver-Brooks Company, Milwaukee, Wis. Combination boiler and sterilizer or the like. 135,379; Mar. 30.
- Clerc, Leonard F., Chicago, Ill. Portable refrigerating cabinet. 135,896; June 29.
- Cline, Harold A. (See Cottell, John B., assignor.)
- Cline, Harold A., Cincinnati, assignor of one-half to J. B. Cottell, India, Ill., Cincinnati, Ohio. Portable aerodrome light. 136,406; Sept. 28.
- Clowe, Henry W. (See Sydenham, H. G., Clowe, and Du Bois.)
- Cookley, Francis J., London, England. Curler comb. 136,009; July 20.
- Cobbs-Hopkins Company. (See Hopkins, Horner H., assignor.)
- Cobb, Ralph C., Los Angeles, Calif. Game board. 135,930; July 6.
- Cochran, Avery M., U. S. Army, Colorado Springs, Colo. Front door panel for camp stoves. 135,652; May 11.
- Codish, George, New York, assignor to J. A. Senter, Brooklyn, N. Y. Shoe or the like. 135,962; July 13.
- Codish, George, New York, assignor to J. A. Senter, Brooklyn, N. Y. Shoe. 135,963; July 13.
- Cohen, Bernard, New York, N. Y. Jodhpurs. 135,592; Apr. 27.
- Cohen, David S., New York, N. Y. Shoe. 135,082; Feb. 23.
- Cohen, Harry, Chicago, Ill. Combined match clusters and holder. 134,933; Feb. 2.
- Cohen, Henry B., assignor to Sea Emergency Device, Inc., New York, N. Y. Pulley block. 136,547; Oct. 26.
- Cohen, Morris, Kansas City, Mo., and G. A. Jorgenson, Chicago, Ill., assignors to Interstate Bakeries Corporation, Kansas City, Mo. Combined fumes removal hood and lighting fixture. 134,653; Nov. 10.
- Cohn, Julius, New York, N. Y. Brassière. 135,639; May 4.
- Cohn, Lewis W., Chicago, Ill. Latticework. 135,853; June 22.
- Comet & Rosenberger, Inc. (See Katz, Adolph, assignor.)
- Coll, Chlo., Oklahoma City, Okla. Purveying stand. 135,017; Feb. 9.
- Colburn, Harry, Detroit, Mich. Phonograph record rack. 136,654; Nov. 16.
- Coleman, Paul J. (See Gengler, Edwin J., assignor.)
- Collopy, Carl J. (See Collopy, Ernest C. and C. J.)
- Collopy, Ernest C. and C. J., New Bedford, Mass. Figurine or similar article. 135,227; Mar. 9.
- Collopy, Ernest C. and C. J., New Bedford, Mass. Combined pencil, sandglass timer, and telephone dialer. 136,214; Aug. 24.
- Colson Corporation, The. (See Adams, Wilbur H., assignor.)
- Colt's Patent Fire Arms Manufacturing Company. (See Smith, Edgar J., assignor.)
- Colt's Patent Fire Arms Manufacturing Company. (See Tatro, Amy, assignor.)
- Columbia Uniform Cap Corp. (See Scheppeler, Edith F., assignor.)
- Colvin-Slocum Boats, Inc. (See Slocum, Henry M., assignor.)
- Comet Model Airplane & Supply Co. (See Horback, Alexander, assignor.)
- Comet Model Airplane & Supply Co. (See Konefes, Joseph H., assignor.)
- Comptois, Gedeon R., New York, N. Y. Tobacco pipe. 135,149; Mar. 2.
- Comptois, Gedeon R., New York, N. Y. Tobacco pipe. 135,573; Apr. 27.
- Conant, David J., Cleveland Heights, assignor to Jack & Heintz, Inc., Bedford, Ohio. External energizer for internal combustion engine starters. 135,306; Mar. 23.
- Conant, David J., Cleveland Heights, assignor to Jack & Heintz Research Corporation, Bedford, Ohio. External energizer for internal combustion engine starters. 136,133; Aug. 10.
- Conlan, David, New York, N. Y. Signal lights staff. 135,290; Mar. 23.
- Conlan, David, Brooklyn, N. Y. Electrical control panel for examination lights or similar article. 136,316; Sept. 7.
- Connor, Cleoro E., Dallas, Tex. Ash tray. 135,248; Mar. 16.
- Consolidated Razor Blade Co. (See Worley, Ernest W., assignor.)
- Consolidated Vultee Aircraft Corporation. (See Hubert, Virgil F., assignor.)
- Consolidated Vultee Aircraft Corporation. (See Tsongas, Alexander G., assignor.)
- Constantine, George, New York, N. Y. Dress. 135,766; June 1.
- Constantine, George, New York, N. Y. Dress. 136,113; Aug. 3.
- Contalner Corporation of America. (See Ost, Donald E., assignor.)
- Cook, Robert L., Dallas, Tex. Combination fire screen and seat. 135,298; Mar. 23.
- Cookman, Helen C., New York, N. Y. Jacket. 135,710; May 25.
- Cookman, Helen C., New York, N. Y. Hat. 136,408; Nov. 12.
- Cookman, Helen C., New York, N. Y. Cap. 136,499; Oct. 12.
- Cookman, Helen C., New York, N. Y. Coat. 136,634; Nov. 9.
- Cookman, Warde C., Wilmette, assignor to Supreme Guardian Council of the Order of Job's Daughters, Chicago, Ill. Emblem pin or similar article. 136,723; Nov. 30.
- Cooney, Mark. (See Booharin, Leo Y., assignor.)
- Cooper, James F., Darby, Mont. Set of poker chips. 136,594; Sept. 21.
- Cooper, Nathan, New Haven, Conn. Dim-out shield for automobile headlights. 135,482; Apr. 13.
- Coppola, Frank J., East Douglas, Mass. Binding post. 135,640; May 4.
- Corbin Company, The. (See Lynch, Harold J., assignor.)
- Corder, Minnie F., New York, N. Y. Needle worker's utility holder. 136,276; Aug. 31.
- Cordley, Christopher M., assignor to Cordley & Hayes, New York, N. Y. Water cooler. 135,772; June 8.
- Cordley & Hayes. (See Cordley, Christopher M., assignor.)
- Corey, Flounroy, Cedar Rapids, and M. J. Fletcher, Des Moines, assignors to Pickwick Corporation, Cedar Rapids, Iowa. Poultry picking machine. 135,668; May 11.
- Corley, Ralph A., Mountain Lakes, N. J. Pipe coupling. 135,262; Mar. 16.
- Coro, Inc. (See Katz, Adolph, assignor.)
- Corwin, Sydney S., and J. Braun, New York, N. Y. Picture frame or the like. 135,034; Feb. 16.
- Cory Glass Coffee Brewer Co., not Inc. (See Alsdorf, James W., assignor.)
- Cory, Harvey, Prescott, Ariz. Upper bowl for a coffee brewer. 136,548; Oct. 26.
- Cosneck, Bernard J., St. Louis, Mo. Arm weapon. 136,910; Dec. 28.
- Coss, George R., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner attachment kit. 134,827; Jan. 19.
- Cottell, John B. (See Cline, Harold A., assignor.)
- Cottell, John B., assignor of one-half to H. A. Cline, Cincinnati, Ohio. Portable sign. 135,705; May 18.
- Cottrell, Walker C. Jr., Richmond, Va. Portable sound amplification unit. 135,104; Feb. 23.
- Cottrell, Walker C. Jr., and A. S. Ganzert, Jr., Richmond, Va., and M. J. Shapp, Silver Spring, Md. Portable sound amplification unit. 135,150; Mar. 2.
- Coty, Inc. (See Botham, Arthur R., assignor.)
- Couse Laboratories. (See Sutphen, Robert M., assignor.)
- Crandall, Glenn G., Springfield, Mass. Stool or similar article. 136,719; Nov. 30.
- Crane, Durries, Chicago, Ill. Baking pan. 136,177; Aug. 17.
- Crane Co. (See Stark, J. E., and Schmidt, assignors.)
- Crane Co. (See Stone, Carl R., assignor.)
- Crawford, Gertrude, Mattoon, Ill. Baby's shoe. 136,615; Nov. 12.
- Crawford, Thurston, Columbus, Ga. Bus. 134,718; Jan. 5.
- Crise Electric Manufacturing Company. (See Crise, George W., assignor.)
- Crise, George W., assignor to Crise Electric Manufacturing Company, Columbus, Ohio. Thermostat casing. 136,252; Aug. 31.
- Crocker, Ernest O., Washington, D. C. Ring. 135,829; June 15.
- Crosman, Loring P., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Listing calculator. 135,442; Apr. 6.

- Cross, Kenneth M. (See Stephens, Joseph J. W.)
 Cross, Mark, Company. (See Murphy, Gerald, assignor.)
 Cross, Mark, Company. (See Phelps, William D., assignor.)
 Crossland, Clarence J., et al. (See Williams, John H., assignor.)
 Crossley, Frank, Philadelphia, Pa. Holder for garbage cans. 135,897; June 29.
 Crowe, Thomas J., Chicago, Ill. Concrete dwelling house. 136,060; July 27.
 Cummings, Margery, Beverly Hills, Calif. Clock or similar article. 134,817; Jan. 19.
 Cummings, Margery, Beverly Hills, Calif. Combined ash tray and watch or similar article. 136,791; Dec. 7.
 Cunningham, Harry, assignor to Nathan Straus-Duparquet, Inc., New York, N. Y. Coffee maker. 136,302; Sept. 7.
 Curran, Francis J., Oak Park, Ill. Coaster. 135,773; June 8.
 Curtis Companies Incorporated. (See Beil, Forrest F., assignor.)
 Curtis, Darwin, Winnetka, Ill. Holder for fluorescent lamps and starter switch. 134,732; Jan. 5.
 Curtis, Thomas L., Utica, N. Y. Dog harness. 135,752; June 1.
 Cusick, Charles F., New York, and P. Marraccini, Bronx, N. Y. Service picture frame. 135,151; Mar. 2.
 Cutler-Hammer, Inc. (See Millermaster, R. A., and Fritzschman, assignors.)
 Cutler-Hammer, Inc. (See Robbins, Clyde F., assignor.)
 Cutler-Hammer, Inc. (See Stevens, Clifford B., assignor.)
 Cutrone, Lena, Brooklyn, N. Y. Bassinet. 136,335; Sept. 14.
 Dalley, Ansel, Parkersburg, W. Va. Combined garment hanger and door pull or similar article. 136,665; Nov. 16.
 Daley, Donald B., Santa Clara County, Calif., and Robert Farrington, Auburn, N. Y. Airplane. 136,277; Aug. 31.
 Daniels, Burton, New York, N. Y. Game device. 135,704; May 18.
 Dann, Charles W., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Combined speaker-microphone and control unit. 135,320; Mar. 23.
 Dannenberg, Milton A., Chicago, Ill. Reversible cap. 136,649; Nov. 9.
 Davio, Joseph C., Agawam, Mass. Billfold. 135,922; July 6.
 Davis & Catterall. (See Witz, Noel, assignor.)
 Davis, Fay P., Omak, Wash. Puzzle. 136,622; Nov. 9.
 Davis, Lillian J., Chicago, Ill. Sweater drier. 136,433; Oct. 5.
 Davis, Pauline. (See Ackerman, Dolletta M., assignor.)
 Dawer, Sigmund, New York, N. Y. Compact or similar article. 134,859; Jan. 26.
 Dawer, Sigmund, New York, N. Y. Compact or similar article. 136,010; July 20.
 Dawson, Howard H., East Cleveland, Ohio, assignor to Air Reduction Company, Incorporated, New York, N. Y. Bottle. 135,898; June 29.
 Day-Brite Lighting, Inc. (See Biller, David J., assignor.)
 Dayton Rubber Manufacturing Company. (See Reiling, Victor G., assignor.)
 De Aragon, Joseph M., New York, N. Y. Locket brooch or similar article. 135,964; July 13.
 Doherty, Michael, East Moline, Ill. Voltage regulator. 136,317; Sept. 7.
 Doerfer, Louise, New York, N. Y. Dress. 134,755; Jan. 6.
 Doerker, Sol, Chicago, Ill. Casing for hearing aids. 135,443; Apr. 6.
 Doekman, Joseph E., assignor to Kearshey & Mattison Company, Ambler, Pa. Engineer's scale template or the like. 136,395; Sept. 21.
 De Coursey, Florence J., Detroit, Mich. Container for flame coloring material. 135,999; July 13.
 Deering Milliken & Co. (See Abt, John H., assignor.)
 De Ganahl, Frank, Riverton, N. J., assignor, by mesne assignments, to Kaiser Cargo, Inc. Badge. 135,611; May 4.
 De Lanty, Loren J., Baldwin, assignor, to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Repeater compass course setting indicator. 135,536; Apr. 20.
 De Lash, Harold L., Sheboygan, Wis. Draftsman's bench. 134,873; Jan. 26.
 De Lash, Harry. (See Nash, James.)
 De Long, Arthur R., Chicago, Ill. Bread slicing board. 135,413; Apr. 6.
 Dempsey, John E., St. Louis County, assignor to W. L. M. Clark, Inc., St. Louis, Mo. Pillowcase. 134,794; Jan. 12.
 De Pontex, Paula, assignor to Pinaud Incorporated, New York, N. Y. Combined boutonniere and perfume container. 136,001; July 13.
 Derham, Philip A., Rosemont, assignor to Armstrong Cork Company, Lancaster, Pa. Safety razor case or similar article. 136,773; Dec. 7.
 Dernel, Herbert U., assignor to Kirby-Cogeshall-Stelva Company, Milwaukee, Wis. Toy machine gun. 136,738; Nov. 30.
 De Rose, Anthony. (See Schmid, A. P., and De Rose.)
 De Swart, Jan, assignor of one-half to C. B. Jamison, Los Angeles, Calif. Safety razor blade hone. 136,893; Dec. 21.
 Detroit Harvester Company. (See Kost, Harold W., assignor.)
 De Vilbiss Company. (See Villemenot, Frederic A., assignor.)
 Devine, John J., Middletown, Conn. Electric lamp bulb 135,299; Mar. 23.
 De Walt Products Corporation. (See Schutz, Ewald, assignor.)
 Dewey, Clarence L., Elkhart, Ind. Desk lamp. 135,478; Apr. 13.
 De Witt-Seitz Company. (See Pulford, Maxon H., assignor.)
 Di Ezer, Anna, New York, N. Y. Picture frame holder. 135,985; July 13.
 Dictaphone Corporation. (See Norton, L. D., and Wilson, assignors.)
 Dill, Charles C., Sundown, assignor of one-fourth to A. R. Buzzard and one-fourth to M. Buzzard, Levelland, Tex. Combination envelope and writing paper or similar article. 135,593; Apr. 27.
 Diller, Claude R., Hollywood, Calif. Nut holder. 136,549; Oct. 26.
 Dinkelspiel, Samuel L., Chicago, Ill. Lamp. 135,830; June 15.
 Disney, Walter E., Hollywood, Calif. Doll or similar article. 136,368; Sept. 21.
 Ditto, Hugo M., Newton, assignor to Marine Optical Mfg. Co., Boston, Mass. Spectacle frame or the like. 136,178; Aug. 17.
 Donahue, James P., Oak Park, Ill. Toy locomotive. 136,781; Nov. 30.
 Donegan, Halbert C., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Wall cabinet. 135,813; June 15.
 Doner, Halbert C., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Combination kitchen unit. 135,842; June 22.
 Doty, Boyd A., assignor to Hard Manufacturing Company, Buffalo, N. Y. Baby's bassinet and toilet stand or similar article. 136,011; July 20.
 Doty, Boyd A., assignor to Hard Manufacturing Company, Buffalo, N. Y. Baby's bassinet and toilet stand or similar article. 136,811; Dec. 7.
 Downer, Katherine R., Villa Nova, Pa. Butter measure. 136,046; July 27.
 Downs, Millson W., Los Angeles, Calif. Portable building. 135,537; Apr. 20.
 Dreitzer, Albert J., assignor to Pitman-Dreitzer & Co., Inc., New York, N. Y. Glass dish or article of similar nature. 134,860; Jan. 26.
 Drescher, Ernest W., Manheim Township, Lancaster County, Pa. Dust seal for chronometers. 136,828; Dec. 14.
 Drescher, Ernest W., Manheim Township, Lancaster County, Pa. Balance cock for chronometers. 136,829; Dec. 14.
 Dreyfuss, Henry, New York, N. Y., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control instrument. 136,848; Dec. 14.
 Dreyfuss, Henry, New York, N. Y., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control instrument. 136,849; Dec. 14.
 Dreyfuss, Henry, New York, N. Y., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control instrument. 136,850; Dec. 14.
 Dreyfuss, Henry, New York, N. Y., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control instrument. 136,851; Dec. 14.
 Dreyfuss, Henry, New York, N. Y., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control instrument. 136,852; Dec. 14.
 Druke, Joseph W., Grand Rapids, Mich. Game device. 135,706; May 18.
 Druke, Joseph W., Grand Rapids, Mich. Puzzle. 135,848; June 22.
 Druke, William F., Grand Rapids, Mich. Chessmen. 134,812; Jan. 19.
 Druke, William F., Jr., Grand Rapids, Mich. Game board. 135,239; Mar. 16.
 Druke, William F., Jr., Grand Rapids, Mich. Game board. 135,240; Mar. 16.
 Druke, William F., Jr., Grand Rapids, Mich. Game device. 135,707; May 18.
 Dryden, Charles J., assignor to W. T. Turner, doing business as Eagle Emblem Co., Springfield, Mass. Automobile emblem plate or similar article. 134,967; Feb. 2.
 Duberstein, Julius, New York, N. Y. Drinking straw or similar article. 134,914; Jan. 26.
 Duberstein, Julius, New York, N. Y. Drinking straw or similar article. 134,915; Jan. 26.
 Duberstein, Julius, New York, N. Y. Drinking straw or similar article. 134,916; Jan. 26.
 Du Bois, Arthur E. (See Sydenham, H. G., Clowe, and Du Bois.)
 Du Bois, Arthur E., Washington, D. C. Military insignia. 134,795; Jan. 12.
 Du Bois, Arthur E., Washington, D. C. Military insignia. 134,796; Jan. 12.

- Du Bois, Joseph E., assignor of one-fifth to V. I. Du Bois, Detroit, Mich., one-fifth to L. T. Holzworth, North Tonawanda, N. Y., one-fifth to R. C. Sterne, one-fifth to E. Silbert, and one-fifth to F. E. Taylor, Buffalo, N. Y. Eye shield. 136,378; Sept. 21.
- Dubais, Joseph E., assignor of one-fifth to V. I. Du Bois, Detroit, Mich., one-fifth to L. T. Holzworth, North Tonawanda, N. Y., one-fifth to R. C. Sterne, one-fifth to E. Silbert, and one-fifth to F. E. Taylor, all of Buffalo, N. Y. Eye shield. 136,379; Sept. 21.
- Du Bois, Virginia L., et al. (See Du Bois, Joseph E., assignor.)
- Dudy, Joseph F., New York, N. Y. Pin or similar article. 135,517; Apr. 20.
- Dugas Engineering Corporation. (See Hastert, Harley G., assignor.)
- Duhamel, Roland J., Maxwell Field, Ala. Airplane. 135,696; May 18.
- Dumler, Sidney, New York, N. Y. Coat. 136,691; Nov. 23.
- Dumore Company, The. (See Bluemink, Gary G., assignor.)
- Duncan, Abner D., Ponca City, Okla. Wire fence tool. 136,407; Sept. 28.
- Duncan, Kenneth A., Terre Haute, Ind. Toy gun. 136,724; Nov. 30.
- Dunn, Pearl E., Oakland, Calif. Child's folding toilet article. 135,469; Apr. 13.
- Duncan, Thomas P., Jr., Newport News, Va. Golf club head. 136,159; Aug. 17.
- Dunville, John G., (See Wolf, R. J., and Dunville.)
- Dupin, Eugene A., New York, N. Y. Wrist ornament or similar article. 136,341; Sept. 14.
- Du Pont, Edmund. (See Grant, H. C., Jr., and Du Pont.)
- Dworzynski, Theodore J., Washington, Ind. Badge. 135,518; Apr. 20.
- Eagle Emblem Co. (See Dryden, Charles J.)
- Eastly, Merton D., Oakland, Calif. Bolt and screw bin. 136,708; Nov. 23.
- Eastman Kodak Company. (See Johnson, Aaron D., assignor.)
- Eaton Manufacturing Company. (See Findley, Howard J., assignor.)
- Edison, Thomas A., Incorporated. (See Dann, Charles W., assignor.)
- Edison, Thomas A., Incorporated. (See La Forest, Louis Edmlton Corporation. (See Cameron, William P., assignor.)
- Edward Katzinger Company, The. (See Zimmer, Myron J., assignor.)
- Elch, Clementine M., St. Cloud, Minn. Smock or similar article. 135,137; Mar. 2.
- Elliott, Kenneth L., Salem, Oreg. Draftsman's welding symbol template. 136,655; Nov. 16.
- Elsen, Daniel, New York, N. Y. Eye spectacles for chickens or the like. 136,342; Sept. 14.
- Eitel-McCullough, Inc. (See Eitel, W. W., and McCullough, assignors.)
- Eitel, William W., and J. A. McCullough, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 135,252; Mar. 10.
- Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 135,307; Mar. 23.
- Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 135,308; Mar. 23.
- Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 135,309; Mar. 23.
- Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 135,310; Mar. 23.
- Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 135,311; Mar. 23.
- Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 135,312; Mar. 23.
- Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 135,313; Mar. 23.
- Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 135,792; June 8.
- Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 135,801; June 8.
- Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 135,856; June 22.
- Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 135,854; June 22.
- Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 135,855; June 22.
- Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 135,856; June 22.
- Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 136,380; Sept. 21.
- Eitel, William W., San Bruno, and J. A. McCullough, Millbrae, assignors to Eitel-McCullough, Inc., San Bruno, Calif. Vacuum tube. 136,732; Nov. 30.
- Elder, John W., Dayton, Ohio. Wrapping paper. 135,940; July 6.
- Elder, John W., Dayton, Ohio. Wrapping paper. 135,941; July 6.
- Elder, John W., Dayton, Ohio. Wrapping paper. 135,942; July 6.
- Elder, John W., Dayton, Ohio. Wrapping paper. 135,943; July 6.
- Elder, John W., Dayton, Ohio. Wrapping paper. 135,944; July 6.
- Elder, John W., Dayton, Ohio. Wrapping paper. 135,945; July 6.
- Elder, Livingston H., New York, N. Y. Lamp. 135,219; Mar. 9.
- Electric Arc, Inc. (See Holslag, Claude J., assignor.)
- Electric Service Supplies Company. (See Hallman, Eric B., assignor.)
- Elite Hand Painting Corporation. (See Hoffmann, Hugo, assignor.)
- Elkonin, Aaron, Brooklyn, N. Y. Finger ring or similar article. 134,924; Feb. 2.
- Elkonin, Aaron, Brooklyn, N. Y. Finger ring or similar article. 134,925; Nov. 9.
- Elkus, Richard J., San Francisco, Calif. Trailer. 135,711; May 25.
- Ellinger, Flora H., Chicago, Ill. Shampoo chair. 135,585; Apr. 27.
- Elssner, Joseph J., Philadelphia, Pa. Banner or the like. 135,118; Feb. 23.
- Engelstein, Harold, New York, N. Y. Photographic mount. 134,884; Jan. 26.
- Enghauser, Winford L., Cincinnati, assignor to The Production Plating Works, Inc., Lebanon, Ohio. Name plate. 134,925; Feb. 2.
- Enghauser, Winford L., Cincinnati, assignor to The Production Plating Works, Inc., Lebanon, Ohio. Mailbox support. 134,951; Feb. 2.
- Engineering and Research Corporation. (See Greene, William L., assignor.)
- Engineering Sales Company. (See Nash, James.)
- Englehardt, Charles P., Far Rockaway, assignors to Bassons, Masseth, Long Island, New York. Pin cushion. 135,280; Mar. 23.
- Epstein, Solomon, Los Angeles, Calif. Shirt. 134,838; Jan. 19.
- Ertsek, Olga, Los Angeles, Calif. Maternity and abdominal supporting garter belt. 135,601; Apr. 27.
- Eshelman, Cheston L., Baltimore, Md. Airplane. 136,700; Nov. 23.
- Eskind, Morris, New York, N. Y. Hood. 135,041; May 4.
- Esson, Edwin, Kansas City, Mo. Tile. 136,928; Dec. 28.
- Esson, Edwin, assignor to Locke Stove Company, Kansas City, Mo. Tile. 136,666; Nov. 16.
- Estes, Joseph H., New York, N. Y. Container for a deodorant. 136,877; Dec. 21.
- Etkin, Simon, New York, N. Y. Suit. 134,971; Feb. 2.
- Etkin, Simon, New York, N. Y. Jacket. 136,938; Dec. 28.
- Eubanks, Floyd G., assignor of forty-seven and one-half per cent to F. E. Vaughan, Pasadena, and five per cent to R. M. McManigal, South Pasadena, Calif. Drafting machine. 134,917; Jan. 26.
- Eubanks, Floyd G., assignor of forty-seven and one-half per cent to F. E. Vaughan, Pasadena, and five per cent to R. M. McManigal, Compton, Calif. Compass. 135,138; Mar. 2.
- Eureka Vacuum Cleaner Company. (See Coss, George R., assignor.)
- Everett, Charles E., assignor to The Massey-Harris Company, Racine, Wis. Combine. 135,008; Feb. 9.
- Everett, Charles E., assignor to The Massey-Harris Company, Racine, Wis. Corn harvester. 135,874; June 29.
- Everitt, David C., Milwaukee, Wis. Handbag. 135,197; Mar. 9.
- Exhibit Supply Company, The. (See Meyer, John F., assignor.)
- F. & M. Schaefer Brewing Company, The. (See Austin, Joseph, assignor.)
- Faden, Sylvia, New York, N. Y. Dress. 134,756; Jan. 5.
- Faden, Sylvia, New York, N. Y. Dress. 134,842; Jan. 19.
- Failing, George E., Supply Company. (See Caldwell, Walter T., assignor.)
- Falardo, Nicholas, New York, N. Y. Statuette. 136,531; Oct. 19.
- Falardo, Nicholas, New York, N. Y. Statuette. 136,532; Oct. 19.
- Falge Engineering Service. (See Falge, Raymond L., assignor.)
- Falge, Raymond L., assignor to Falge Engineering Service, Bethesda, Md. Flash or signal light. 135,768; June 1.
- Falge, Raymond L., assignor to Falge Engineering Service, Bethesda, Md. Flash or signal light. 135,802; June 8.
- Falls Plastics Company. (See Watson, Harold D., assignor.)
- Fanshier, Thomas C., Oklahoma City, Okla. Combined fishing rod handle and reel. 135,761; June 1.
- Farley, Edward E., and K. A. Bird, Pocatello, Idaho. Flag holder or similar article. 136,458; Oct. 5.
- Farrell, Edward J., New York, N. Y. Carton. 134,733; Jan. 5.

- Farrington, Robert. (See Dailey, D. B., and Farrington.)
- Faith, J. Morgan, New York, N. Y. Work suit. 134,757; Jan. 5.
- Favari, Sam, Weirton, W. Va. Pin or similar article. 134,975; Feb. 9.
- Feerst, Abraham, New York, N. Y. Lace. 134,952; Feb. 2.
- Felchenfeld, Arthur, Jr. (See Utley, R. C., and Felchenfeld.)
- Feldin, Jacob, Cossackie, N. Y. Combination tool. 135,574; Apr. 27.
- Feldner, John, Newark, Ohio. Badge or similar article of jewelry. 135,691; May 18.
- Fellows Gear Shaper Company, The. (See Miller, Edward W., assignor.)
- Felsenthal, Ben, New York, N. Y. Emblem pin. 135,263; Mar. 16.
- Felsenthal, Ben, New York, N. Y. Emblem pin. 135,300; Mar. 23.
- Felsenthal, Ben, New York, N. Y. Emblem pin. 135,380; Mar. 30.
- Felver, Richard L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Combination son toast server and toaster cover. 136,202; Aug. 24.
- Ferrier, Alvin M., Lowell, Mass. Card holder. 135,871; June 22.
- Ferrill, Thomas M., Jr. (See Jenks, F. A., Ferrill, Jr., and Folland.)
- Fetter, Norman C., assignor to Micro Switch Corporation, Freeport, Ill. Electric switch housing. 134,994; Feb. 9.
- Fidley, Howard J., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Thermoelectric generator. 136,109; Aug. 3.
- Finkelstein, Nathan, New York, N. Y. Suit. 134,839; Jan. 19.
- Finkelstein, Nathan, New York, N. Y. Coat. 135,910; July 6.
- Finkelstein, Nathan, New York, N. Y. Coat. 136,533; Oct. 19.
- Fishberger, Isidor, New York, assignor of one-half to E. Pappert, Flushing, N. Y. Spectacle frame or similar article. 134,976; Feb. 9.
- Fisher, James H., Marshalltown, Iowa. Service bar pin. 135,793; June 8.
- Fisher Scientific Company. (See Warren, William B., assignor.)
- Fitchhorn, Elver J., Delaware, Ohio. Reed for musical instruments. 135,338; Mar. 30.
- Flashlight Company of America. (See Brodton, Lynn, assignor.)
- Flaster, Alfred A., New York, N. Y. Combined bottle and display holder. 135,028; Feb. 16.
- Flaster, Alfred A., New York, N. Y. Compact or similar article. 135,335; Mar. 30.
- Flauder, Alfred J., Trumbull, Conn. Condiment bottle. 136,656; Nov. 16.
- Fleischman, Henry, New York, N. Y. Textile fabric or the like. 136,887; Dec. 21.
- Fletcher, Albert C., assignor to Quick Charge, Inc., Oklahoma City, Okla. Battery charger. 134,818; Jan. 19.
- Fletcher, Charles B., and P. J. Nordby, assignors to Marietta Chair Company, Marietta, Ohio. Swivel chair. 136,160; Aug. 17.
- Fletcher, Maurice J. (See Corey, F., and Fletcher.)
- Fletcher, Maurice J., assignor to Cadet Smokestands Company, Des Moines, Iowa. Smoking stand. 135,198; Mar. 9.
- Fletcher, Maurice J., assignor to Cadet Smokestands Company, Des Moines, Iowa. Cigarette tray. 135,291; Mar. 23.
- Fletcher, Richard H., Jr., Bay City, Mich. Gasoline station. 135,612; May 4.
- Fletcher, William G., Bogota, N. J. Wind vane for bicycles or the like. 134,813; Jan. 19.
- Fletcher, William G., Bogota, N. J. Game board. 135,681; May 11.
- Flett, Raymond L., assignor to The American Products Company, Cincinnati, Ohio. Bottle. 136,024; July 20.
- Flint, Bradford B., Lake George, N. Y. Plaque or similar article. 134,895; Jan. 26.
- Flint, Edward F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Octant. 135,314; Mar. 23.
- Flood, Patrick E., et al. (See Williams, John H., assignor.)
- Floren, Earl R., Antioch, Ill. Airplane. 135,994; July 13.
- Floren, Earl R., Antioch, Ill. Airplane. 135,995; July 13.
- Florman, Irving, New York, N. Y. Table lighter for cigarettes or the like. 135,554; Apr. 27.
- Flynn, John, Skokie, Ill., assignor to Remington Rand Inc., Buffalo, N. Y. Tool for applying index clips. 136,072; July 27.
- Flynt, Robert C., Winston-Salem, N. C. Toy cart. 136,726; Nov. 30.
- Flynt, Robert C., assignor to U. K. Butler, doing business as New Enterprises, Winston-Salem, N. C. Toy cart. 136,725; Nov. 30.
- Flynt, Robert C., and U. K. Butler, Winston-Salem, N. C. Toy machine gun. 134,773; Jan. 12.
- Folland, Donald F. (See Jenks, F. A., Ferrill, Jr., and Folland.)
- Folmer Graflex Corporation, The. (See Grover, Frederic S., assignor.)
- Fontaine, Athanas P., San Marino, assignor to Vultee Aircraft, Inc., Vultee Field, Calif. Airplane. 136,635; Nov. 9.
- Ford, George E., Brighton, assignor to Rochester Manufacturing Co., Inc., Rochester, N. Y. Thermometer dial. 136,400; Sept. 28.
- Fordyce, Charles L., New York, assignor to M. Halprin, Inc., Brooklyn, N. Y. Combined holder and receptacle therefor, or the like. 136,064; July 27.
- Forester, Lucian. (See Meyer, Martha, assignor.)
- Foret, Edmond, assignor to Cartier, Inc., New York, N. Y. Bill clip. 134,886; Jan. 26.
- Foret, Edmond, assignor to Cartier, Inc., New York, N. Y. Combined pocketbook and shopping bag. 136,679; Nov. 16.
- Forst, John G., Albany, N. Y. Game board. 135,414; Apr. 6.
- Foss, Helen E., New York, N. Y. Jacket. 134,800; Jan. 12.
- Foss, Helen E., New York, N. Y. Jacket. 134,801; Jan. 12.
- Foster Brothers Mfg. Co. (See Latimer, George W., assignor.)
- Fox, Marvin, Hanover, Pa., assignor to H. Jacobs & Son, Inc. Slipper or like article. 134,777; Jan. 12.
- Frambela, Herbert J. (See Holland, G., and Frambela.)
- Franceschi, Rolando V., Taupo, P. R. Automobile ornament. 135,659; May 11.
- Frank, Armin C., Milwaukee, Wis. Automobile. 134,921; Jan. 26.
- Frank, Charles H., New Rochelle, N. Y. Button. 135,168; Mar. 2.
- Frank, Charles H., New Rochelle, assignor to Button Rim Corporation, New York, N. Y. Button. 135,556; Apr. 27.
- Frank, Charles H., New Rochelle, assignor to Button Rim Corporation, New York County, N. Y. Button. 135,875; June 29.
- Frazita, Josephine, New York, N. Y. Dress. 136,332; Sept. 7.
- Frazita, Josephine, New York, N. Y. Dress. 136,333; Sept. 7.
- Frazita, Josephine, New York, N. Y. Dress. 136,336; Sept. 14.
- Frazita, Josephine, New York, N. Y. Dress. 136,813; Dec. 7.
- Freeman, Louis J., New York, N. Y. Bedspread. 135,315; Mar. 23.
- Freeman, Nathaniel H., assignor to Elizabeth Arden Sales Corporation, New York, N. Y. Powder sample dispenser. 136,774; Dec. 7.
- Freese, Douglas, Portage Des Sioux, Mo. Badge or similar article. 134,824; Jan. 19.
- Freese, Douglas H., Portage Des Sioux, Mo. Combined envelope moistener and sealer. 136,073; July 27.
- Frenger, Clarence, Las Cruces, N. Mex. Combined cake and candle holder. 135,152; Mar. 2.
- Friedman, Leonard I., New York, N. Y. Embossed leather. 136,253; Aug. 31.
- Friedman, Leonard I., New York, N. Y. Embossed leather. 136,254; Aug. 31.
- Frisch, Walter, Brooklyn, N. Y. Statuette. 135,931; July 6.
- Frollich, Irving, New York, N. Y. Combined easel support and hanger. 136,372; Sept. 21.
- Frost, Frank E., Chicago, Ill. Stocking. 135,810; June 8.
- Fuchs, Abraham C., New York, N. Y. Picture frame. 136,061; July 27.
- Fukal, Alfred F., assignor to W. W. Welch, Cincinnati, Ohio. Combined stand and electric fan. 134,758; Jan. 5.
- Fuller, Clarence W., Yonkers, N. Y. Toothbrush. 136,156; Aug. 10.
- Fullerton, Robert H., Binghamton, assignor to General Aniline & Film Corporation, New York, N. Y. Casing for densitometers or similar articles. 136,911; Dec. 28.
- Funk, Truman B., assignor to Yard-Man, Inc., Jackson, Mich. Industrial truck. 135,400; Mar. 30.
- Funk, Julian W., Falam Manor, N. Y. Holder for narrow fabrics. 136,657; Nov. 16.
- G-H Specialty Company. (See Meyer, Joseph J., assignor.)
- Gade, Harold F., Philadelphia, Pa., assignor to Pennsylvania Manufacturing Company, Jenkintown, Pa. Nut. 134,789; Jan. 12.
- Gair, Milton M., Redlands, Calif. Advertising sign or the like. 135,281; Mar. 23.
- Gallagher, B., William M., Oklahoma City, Okla. Holder for inkwells and pens. 135,831; June 15.
- Gallo, Thomas, Arlington, Va. Diluter for lubricants. 135,489; Apr. 13.
- Galter, Jack, Chicago, Ill. Cover for Bibles. 134,998; Feb. 9.
- Galvin Manufacturing Corporation. (See Holthouse, Harry B., assignor.)
- Galvin Manufacturing Corporation. (See Mitchell, Donald H., assignor.)
- Gamache, Homer, Newark, N. J. Mixing spoon. 136,343; Sept. 14.
- Ganson, Howard H., assignor to Hygeia Nursing Bottle Company, Inc., Buffalo, N. Y. Nursing bottle. 136,888; Dec. 21.

- Ganz, Rudy V., assignor to Shawnee Pottery Co., Zanesville, Ohio. Shaker for salt and pepper. 135,785; June 8.
- Ganzert, Alexander S., Jr. (See Cottrell, W. C., Jr., Ganzert, Jr., and Shapp.)
- Garcia, Pedro G., Macon, Ga. Toy. 136,869; Dec. 21.
- Garratt, Alan C., Upper Montclair, N. J., assignor to American Cigarette and Cigar Company, New York, N. Y. Display device. 135,695; Feb. 23.
- Gaston, Guy L., and H. Stiles, II, Baltimore, Md. Plaque base or the like. 135,264; Mar. 16.
- Gates Rubber Company, The. (See Burkhard, William L., assignor.)
- Gavin Manufacturing Corporation. (See Holthouse, Harry B., assignor.)
- Garda, Antoine, Providence, R. I. Hydroplane. 136,792; Dec. 7.
- Garda, Antoine, Providence, R. I. Hydroplane. 136,793; Dec. 7.
- Garda, Antoine, Providence, R. I. Hydroplane. 136,794; Dec. 7.
- Gering, Charles A., Bellwood, Ill. Flag stand. 134,995; Feb. 9.
- Geddes, Walter H., assignor to United Aircraft Products, Inc., Dayton, Ohio. Temperature regulator. 135,682; May 11.
- Geffner, Samuel H., New York, N. Y. Display box. 136,489; Oct. 12.
- Gelger, John P., et al. (See Smith, Merton J., assignor.)
- Geis, Katharine R., Anne Arundel County, Md. Toy animal. 135,200; Mar. 9.
- Geist, Irving, New York, N. Y. Belt fastener or similar article. 135,876; June 29.
- Gelb, Abe, New York, N. Y. Lace. 136,903; Dec. 28.
- Gemmill, Robert S., New York, N. Y. Hook or similar article. 136,228; Aug. 24.
- Genco Mfg. Co. (See Gensburg, Louis W., assignor.)
- General Aniline & Film Corporation. (See Fullerton, Robert H., assignor.)
- General Electric Company. (See Masterson, Charles T., assignor.)
- General Motors Corporation. (See Teeter, Wilford H., assignor.)
- Generale, John T., Pelham Manor, N. Y. Sliding board. 135,457; Apr. 13.
- Gendler, Edwin J., Milwaukee, Wis., assignor to P. J. Coleman, Highland Park, Ill. Molding timer. 134,759; Jan. 5.
- Gensburg, Louis W., assignor to Genco Mfg. Co., Chicago, Ill. Flashlight case. 135,153; Mar. 2.
- Genter, Albert H., Mount Lebanon Township, Allegheny County Pa. Trolley fly feeder tap. 135,932; July 6.
- Gerber, Joseph R., Portland, Oreg. Carving knife. 136,445; Oct. 5.
- Gerrit, Emanuel J., New York, N. Y. Wrap-around skirt. 135,872; June 22.
- Gerow, Theron G., assignor to Kensington Steel Company, Chicago, Ill. Rack and pinion assembly. 136,128; Aug. 10.
- Gershuny, Abe, New York, N. Y. Dress. 135,018; Feb. 9.
- Gershuny, Abe, New York, N. Y. Dress. 135,047; Feb. 16.
- Gershuny, Abe, New York, N. Y. Dress. 135,048; Feb. 16.
- Gershuny, Abe, New York, N. Y. Dress. 135,126; Feb. 23.
- Gershuny, Abraham, New York, N. Y. Dress. 134,813; Jan. 19.
- Gerson, Samuel L., Bridgeton, N. J. Barometer. 134,990; Feb. 9.
- Gerson, Samuel L., Bridgeton, N. J. Barometer. 134,991; Feb. 9.
- Gerstel, Fred V., et al. (See Kramer, Ferdinand, assignor.)
- Gerstenzang, Abraham, New York, N. Y. Hat trimming or similar article. 134,778; Jan. 12.
- Ghez, Henry and O., New York, N. Y. V-shaped tread member for shoes. 136,208; Aug. 24.
- Ghez, Henry and O., New York, N. Y. Shoe sole or similar article. 136,381; Sept. 21.
- Ghez, Oscar. (See Ghez, Henry and O.)
- Ghinsberg, Sol, Cleveland Heights, assignor of one-half to S. Schwartz, Cleveland, Ohio. Eye shield. 135,877; June 29.
- Gholson, Samuel, Cincinnati, Ohio. Lapel button or the like. 135,818; June 15.
- Giannini, Gabriel M., North Hollywood, Calif., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Loud-speaking telephone. 135,389; Mar. 30.
- Giannini, Gabriel M., North Hollywood, Calif., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Loud-speaking telephone. 135,401; Mar. 30.
- Giannini, Gabriel M., North Hollywood, Calif., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Loud-speaking telephone set. 135,495; Apr. 13.
- Gibson Electric Refrigerator Corporation. (See James, Richard B., assignor.)
- Gibson, James E., High Point, N. C. Toy. 135,849; June 22.
- Gideon, Wayne M., assignor to The Lima Electric Motor Company, Lima, Ohio. Pedestal frame for grinding, polishing or like machines. 136,775; Dec. 7.
- Gile, Harold C., Kittery, Maine. Beam compass. 135,353; Mar. 30.
- Gillette Safety Razor Company. (See Hollis, Morton, assignor.)
- Gillette Safety Razor Company. (See Testi, Nicholas, assignor.)
- Gilles, James R., assignor to H. Horne, New York, N. Y. Musical wind instrument. 134,719; Jan. 5.
- Gillmor, Hugh L., Glens Falls, N. Y. Cigarette box. 135,965; July 13.
- Gilmer, Harold C., Grand Rapids, Mich. Drafting instrument. 136,500; Oct. 12.
- Gindhart, Isaac D., Jr., assignor to M. W. Gindhart, Hartford, N. J. Toy figure. 135,573; Apr. 27.
- Gindhart, Mary W. (See Gindhart, Isaac D., Jr., assignor.)
- Ginter, Charles W., assignor to The Aero Equipment Corporation, Bryan, Ohio. Combined meter and pump housing or the like. 135,627; May 4.
- Giordano, Salvatore, South Ozone Park, assignor to Frank J. Quigan, Inc., Maspeth, Long Island, N. Y. Chair or chair or the like. 135,292; Mar. 23.
- Giovannoni, Violet, New York, N. Y. Negligee. 135,021; Feb. 9.
- Giovannoni, Violet, New York, N. Y. Trouser-skirt. 135,642; May 4.
- Glaser, Michael, Washington, D. C. Suspender clasp or similar article. 136,812; Dec. 28.
- Glaserb Company. (See Sosman, Meyer, assignor.)
- Glasson, George A., Lynn, Mass. Shoe. 136,408; Sept. 28.
- Globe-Wernicke Company, The. (See Braun, Francis F., assignor.)
- Globe-Wernicke Company, The. (See Brinker, John H., assignor.)
- Globe-Wernicke Company, The. (See Hearn, Thomas A., assignor.)
- Gloetner, Anton, Glendale, Calif. Napkin holder. 135,986; July 13.
- Glueck, Major A., Kansas City, Mo. Flask unit. 136,092; Nov. 23.
- Godfrey, Lena. (See Godfrey, Ralph M. and L.)
- Godfrey, Ralph M. and L., Lima, Ohio. Photographing cabinet. 135,139; Mar. 2.
- Goldbert, Max L., New York, N. Y. Cigarette case or similar article. 136,025; July 20.
- Goldbert, Max L., New York, N. Y. Cigarette case or similar article. 136,759; Nov. 30.
- Golden, David T., New York, N. Y. Appliqué emblem or similar article. 135,838; June 15.
- Goldenberg, Bernhard J., Cedarhurst, N. Y. Hat. 135,232; Mar. 9.
- Goldfield, Edward, New York, N. Y. Suit. 134,940; Feb. 2.
- Goldfrank, John, New York, N. Y. Embroidered trimming. 135,049; Feb. 16.
- Goldfrank, John, New York, N. Y. Embroidered trimming. 135,163; Mar. 2.
- Goldfrank, John, New York, N. Y. Embroidered trimming. 135,182; Mar. 9.
- Goldfrank, John, New York, N. Y. Embroidered trimming. 135,183; Mar. 9.
- Goldsmith, Berthold, Jr., Woodmere, N. Y., assignor to Botany Worsted Mills, Passaic, N. J. Point of type. 135,683; May 11.
- Goodie, Joseph B., Towson, Md. Automobile ornament. 136,220; Aug. 24.
- Goodman, Abraham, New York, N. Y. Dress. 134,802; Jan. 12.
- Goodman, Abraham, New York, N. Y. Dress. 134,901; Jan. 26.
- Goodman, Edward, New York, N. Y. Head scarf. 136,097; Aug. 3.
- Goodman, Edward, New York, N. Y. Scarf hat. 136,853; Dec. 14.
- Goodwin, Greta, New Salem, Ohio, assignor to Standard Safety Equipment Co. Woman's cap. 135,369; Mar. 30.
- Goodyear Footwear Corporation. (See Hard, John E., assignor.)
- Gorham Manufacturing Company. (See Price, James R., assignor.)
- Gosling, James, Jr., assignor to Frankling Simon & Co., Inc., New York, N. Y. Building facade or similar article. 135,576; Apr. 27.
- Gossard, Ruth B., Kansas City, Mo. Game board. 134,902; Jan. 26.
- Gotsch, Walter M., Company. (See Kittles, William M., assignor.)
- Gotsch, Walter M., Company. (See Surenson, Lenore, assignor.)
- Gottlieb, David E., New York, N. Y. Dress. 135,019; Feb. 9.
- Gottlieb, David E., New York, N. Y. Dress. 135,020; Feb. 9.
- Gougler, Marcelline, Chicago, Ill., assignor to Castleton China Incorporated, New York, N. Y. Plate or the like. 136,255; Aug. 31.
- Gougler, Marcelline, Chicago, Ill., assignor to Castleton China Incorporated, New York, N. Y. Plate or the like. 136,776; Dec. 7.

- Gould, James L., Mayfield, Wash. Hook. 136,667; Nov. 16.
- Grab, Oscar E., New York, N. Y. Shaving soap holder. 136,012; July 20.
- Grabowski, Frank. (See Harrison, R. W., and Grabowski.)
- Grady, Martin, Decatur, Ill. Illuminable make-up cabinet. 135,201; Mar. 9.
- Graeter, Harold, assignor to Cartier, Inc., New York, N. Y. Bill clip. 135,753; June 1.
- Graham, George M., Detroit, assignor to Hinckley-Myers Division of Kent-Moore Organization Inc., Jackson, Mich. Driving tool. 136,179; Aug. 17.
- Grams, Ruth P., Bethlehem, Pa. Doll. 136,830; Dec. 14.
- Grant, Donald C., Los Angeles, Calif. Sweater drier. 135,199; Mar. 9.
- Grant, Harry C., Jr., New York, N. Y., and E. Du Pont, assignors to Specialties Development Corporation, Bloomfield, N. J. Flame operated switch or similar article. 135,444; Apr. 6.
- Grau, George A., Cincinnati, Ohio. Flower pot. 136,358; Sept. 14.
- Gray, Helen H., San Dimas, Calif. Crochet needle. 136,636; Nov. 9.
- Gray, Newenham A., assignor to D. J. Murray Manufacturing Co., Wausau, Wis. Heat transfer unit. 136,904; Dec. 28.
- Gray, William G., Harrisonville, Mo. Magazine rack. 135,556; Apr. 27.
- Green, Robert O., New York, N. Y. Hat or similar article. 136,562; Oct. 26.
- Green, Thomas C., U. S. Marine Corps. Navigational instrument. 135,282; Mar. 23.
- Green, Warren B., New York, assignor to U-Need-A-Pak Products Corp., Brooklyn, N. Y. Vending machine contents display panel. 134,926; Feb. 2.
- Greenberg, Albert, New York, N. Y. Aquarium ornament. 134,953; Feb. 2.
- Greenberg, Albert, New York, N. Y. Aquarium ornament. 134,951; Feb. 2.
- Greenberg, Albert, New York, N. Y. Aquarium ornament. 134,955; Feb. 2.
- Greenberg, Fred, New York, N. Y. Dress. 134,972; Feb. 2.
- Greenberg, Fred, New York, N. Y. Dress. 136,278; Aug. 31.
- Greene, William L., Takoma Park, assignor to Engineering and Research Corporation, Riverdale, Md. Badge or the like. 135,265; Aug. 31.
- Greenspan, Abraham, New York, N. Y. Dress. 135,826; June 15.
- Gresh, Earl, St. Petersburg, Fla. Handbag. 135,990; July 13.
- Grice, Letcher O., U. S. Army, Washington, D. C. Closure for gasoline container. 134,828; Jan. 19.
- Grice, Letcher O., Washington, D. C. Military cap. 134,878; Jan. 26.
- Griffes, Walter, Chicago, Ill. Sharpener for razor blades. 135,029; Feb. 16.
- Griffith, Vernon D., Glendale, Calif. License plate frame. 134,835; Jan. 19.
- Grivin, Adolphe, New York, N. Y. Combined hanger and case. 135,786; June 8.
- Greene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Lathe. 136,601; Nov. 2.
- Greene, William F., and H. F. Stoffregen, Jr., assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Taper attachment conversion rule. 136,712; Nov. 23.
- Gross, Angus R., Baltimore, Md. Sedan cruiser. 134,903; Jan. 26.
- Gross, Henry R., Chicago, Ill. Automobile light. 135,547; Apr. 20.
- Gross, Henry R., Chicago, Ill. Automobile lamp. 135,548; Apr. 20.
- Gross, Max, assignor to Chic-Maid Hat Manufacturing Co., Inc., Buffalo, N. Y. Cap. 135,996; July 13.
- Grossberg, Minnie, assignor to American Greeting Publishers, Cleveland, Ohio. Greeting card display cabinet. 135,336; Mar. 30.
- Grossman, Edward, Chicago, Ill. Ash tray or similar article. 134,904; Jan. 26.
- Grossman, Murry, New York, N. Y. Dress. 135,735; May 25.
- Grover, Frederic S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Camera carrying case. 135,762; June 1.
- Gruber, Abe, New York, N. Y. Suit. 135,902; June 29.
- Gruber, Abe, New York, N. Y. Suit. 135,911; July 6.
- Gruber, Abe, New York, N. Y. Suit. 135,912; July 6.
- Gruber, Abe, New York, N. Y. Coat. 135,913; July 6.
- Gruber, Abe, New York, N. Y. Suit. 136,610; Nov. 2.
- Gruber, Abe, New York, N. Y. Suit. 136,611; Nov. 2.
- Gruber, Abe, New York, N. Y. Suit. 136,612; Nov. 2.
- Gruber, Abe, New York, N. Y. Suit. 136,613; Nov. 2.
- Gruber, Abe, New York, N. Y. Suit. 136,637; Nov. 9.
- Gruber, Abe, New York, N. Y. Suit. 136,638; Nov. 9.
- Gruber, Abe, New York, N. Y. Coat. 136,870; Dec. 21.
- Gruber, Abe, New York, N. Y. Suit. 136,871; Dec. 21.
- Gruber, Abe, New York, N. Y. Coat. 136,899; Dec. 28.
- Guardian Electric Manufacturing Co. (See Obszarny, T., and Rowell, assignors.)
- Guérin, Anna, New York, N. Y. Bottle or similar article. 136,777; Dec. 7.
- Guérin, Anna, New York, N. Y. Bottle or similar article. 136,778; Dec. 7.
- Guérin, Anna, New York, N. Y. Bottle or similar article. 136,779; Dec. 7.
- Guérin, Anna, New York, N. Y. Bottle or similar article. 136,780; Dec. 7.
- Gutekunst, Ralph M., Bala-Cynwyd, assignor to The Hellwig Silk Dyeing Co., Philadelphia, Pa. Textile fabric or similar article. 135,458; Apr. 13.
- Guth, Edwin F., Florissant, Mo. Fluorescent light channel. 136,382; Sept. 21.
- Haas, Carl F. (See Winkler, F. C., and Haas.)
- Haas, Carl F., and E. W. Yungman, Cleveland, Ohio, assignors to Westinghouse Electric & Manufacturing Company, Luminaire. 135,733; May 25.
- Haase, Wilbert W., Co. (See Haase, Wilbert W., assignor.)
- Haase, Wilbert W., assignor to Wilbert W. Haase Co., Forest Park, Ill. Strap lewis for burial vault parts. 135,878; June 29.
- Haber, Lyra R. (See Lenz, Norbert, assignor.)
- Habib, Maurice, Habana, Cuba. Perfume container. 136,501; Oct. 12.
- Hagan, Charles L., Laverne, Okla. Game board. 136,781; Dec. 7.
- Hagen, Marilyn, New York, N. Y. Dress. 134,803; Jan. 12.
- Hagopian, Charles H., New York, N. Y. Bubble making device. 136,551; Nov. 2.
- Hagstrom, Jerome E., assignor to C. E. Hovey, Kansas City, Mo., as trustee. Work-holding rack. 135,832; June 15.
- Hahn, Harold V. (See Phillips, D., and Hahn.)
- Hall, James S., assignor to L. E. Smith Glass Company, Mount Pleasant, Pa. Tray for drinking glasses. 136,434; Oct. 5.
- Hall, Solomon M., Springfield, Ohio. Toy. 136,733; Nov. 30.
- Hallbauer, Otto, Teaneck, N. J. Embroidered trimming or similar article. 135,967; July 13.
- Hallbauer, Otto, Teaneck, N. J. Embroidered trimming or similar article. 135,968; July 13.
- Hallman, Eric B., assignor to Electric Service Supplies Company, Philadelphia, Pa. Lighting fixture. 135,613; May 4.
- Halouze, Edouard. (See Bendix, J., and Halouze.)
- Halpern, Benjamin C., Dayton, Ohio. Statuette. 136,734; Nov. 30.
- Halpern, Joseph, New York, N. Y. Hat or similar article. 136,446; Oct. 5.
- Halpern, Joseph, New York, N. Y. Display stand or similar article. 136,582; Nov. 2.
- Halpern, Joseph, New York, N. Y. Display stand or similar article. 136,901; Dec. 28.
- Halpert, Percy, Kew Gardens, and J. B. Schaefer, Glen Head, assignors to Sperry Gyroscopic Company, Inc., Brooklyn, N. Y. Automatic pilot indicator for aircraft. 135,415; Apr. 6.
- Halprin, M., Inc. (See Fordyce, Charles L., assignor.)
- Hamilton Watch Company. (See Weber, John, assignor.)
- Hamlin, Glenn E., et al. (See Hamlin, Glenn E., assignor.)
- Hamlin, Glenn E., assignor to a partnership consisting of W. V. Stevens, Glenn E. Hamlin, and L. R. Addington, Detroit, Mich. Calculator. 136,472; Oct. 12.
- Hammock, Elijah J., Hamilton, Ohio. Table. 136,583; Nov. 2.
- Hammond Machinery Builders, Inc. (See Krueger, E. C., assignor.)
- Hamre, Marion R., Oceanside, N. Y. Fabric. 135,144; Mar. 2.
- Handler, Elliot, Los Angeles, Calif. Ceramic brooch pin. 135,096; Feb. 23.
- Handler, Elliot, Los Angeles, Calif. Ceramic brooch pin. 135,100; Feb. 23.
- Handler, Elliot, Los Angeles, Calif. Ceramic brooch pin. 135,101; Feb. 23.
- Handler, Elliot, Los Angeles, Calif. Ceramic brooch pin. 135,102; Feb. 23.
- Handler, Elliot, Los Angeles, Calif. Ceramic brooch pin. 135,103; Feb. 23.
- Handler, Elliot, Los Angeles, Calif. Ceramic brooch pin. 135,519; Apr. 20.
- Handler, Elliot, Los Angeles, Calif. Ceramic brooch pin. 135,520; Apr. 20.
- Handler, Elliot, Los Angeles, Calif. Ceramic brooch pin. 135,521; Apr. 20.
- Handler, Elliot, Los Angeles, Calif. Ceramic brooch pin. 135,522; Apr. 20.
- Handler, Elliot, Los Angeles, Calif. Ceramic brooch pin. 135,523; Apr. 20.
- Handler, Elliot, Los Angeles, Calif. Ceramic brooch pin. 135,595; Apr. 27.
- Handler, Elliot, Los Angeles, Calif. Ceramic brooch pin. 136,221; Aug. 24.
- Handler, Elliot, Los Angeles, Calif. Ceramic brooch pin. 136,222; Aug. 24.
- Handler, Elliot, Los Angeles, Calif. Ceramic brooch pin. 136,223; Aug. 24.
- Handler, Elliot, Los Angeles, Calif. Ceramic brooch pin. 136,447; Oct. 5.
- Handler, Elliot, Los Angeles, Calif. Ceramic brooch pin. 136,750; Nov. 30.

- Hansen, Bertha J., Rutherford, N. J. Brooch or similar article. 135,203; Mar. 9.
- Hansen, Bertha J., Rutherford, N. J. Brooch or similar article. 135,370; Mar. 30.
- Hansen, William, Chicago, Ill. Shopper's cart. 134,941; Feb. 2.
- Hansen, William, Chicago, Ill. Lamp shade. 136,266; Aug. 31.
- Hanson, Harry E., St. Paul, Minn. Slipper. 135,339; Mar. 30.
- Hanson, Carl W. (See Reed, R. R., and Hanson.)
- Hard, John E., Cranston, assignor to Goodyear Footwear Corporation, Providence, R. I. Waterproof jacket. 135,787; June 8.
- Hard Manufacturing Company. (See Doty, Boyd A., assignor.)
- Harpignies, Zinaida, Kew Gardens, N. Y. Hat. 134,772; Jan. 5.
- Harpignies, Zinaida, Kew Gardens, N. Y. Hat. 134,790; Jan. 12.
- Harpignies, Zinaida, Kew Gardens, N. Y. Hat. 134,840; Jan. 19.
- Harpignies, Zinaida, Kew Gardens, N. Y. Hat. 134,908; Feb. 2.
- Harpignies, Zinaida, Kew Gardens, N. Y. Hat. 135,009; Feb. 9.
- Harpignies, Zinaida, Kew Gardens, N. Y. Hat. 135,010; Feb. 9.
- Harpignies, Zinaida, Kew Gardens, N. Y. Hat. 135,011; Feb. 9.
- Harpignies, Zinaida, Kew Gardens, N. Y. Hat. 135,321; Mar. 23.
- Harpignies, Zinaida, Kew Gardens, N. Y. Safety cap. 135,354; Mar. 30.
- Harpignies, Zinaida, Kew Gardens, N. Y. Hat. 135,549; Apr. 20.
- Harpignies, Zinaida, Kew Gardens, N. Y. Hat. 135,708; May 18.
- Harpignies, Zinaida, Kew Gardens, N. Y. Safety cap. 136,559; Sept. 14.
- Harpignies, Zinaida, Kew Gardens, N. Y. Hat. 136,517; Oct. 19.
- Harpignies, Zinaida, Kew Gardens, N. Y. Hat. 136,525; Oct. 19.
- Harpignies, Zinaida, Kew Gardens, N. Y. Safety suit. 136,559; Oct. 26.
- Harpignies, Zinaida, Kew Gardens, N. Y. Handbag. 136,872; Dec. 21.
- Harpignies, Zinaida, Kew Gardens, N. Y. Handbag. 136,873; Dec. 21.
- Harpignies, Zinaida, Kew Gardens, N. Y. Handbag. 136,874; Dec. 21.
- Harris, John R., Broadview, assignor to Sears, Roebuck and Co., Chicago, Ill. Kitchen cabinet. 134,934; Feb. 2.
- Harris, Violet S., Vancouver, Wash. Badge or similar article. 136,727; Nov. 30.
- Harrison, Monroe, Chicago, Ill. Beverage dispenser. 135,506; Apr. 20.
- Harrison, Richard W., and F. Grabowski, Charlestown, Mass. Combined shaving cup and razor blade hone. 134,956; Feb. 2.
- Harshman, Arthur L., assignor to Indiana Glass Company, Dunkirk, Ind. Dish or similar article. 135,030; Feb. 16.
- Hart, Fred E., Southgate, Calif. Collecting receptacle or crinoids or the like. 134,922; Jan. 26.
- Hartley, Frank S., New York, N. Y. Brooch or similar article. 135,145; Mar. 2.
- Hartman, William E., Sr., assignor to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Dispensing cap for container. 136,098; Aug. 3.
- Harvey, James W., Lakeville, Conn. Fish lure or similar article. 135,850; June 22.
- Haskins, Butler J., Fox Lake, Ill., assignor to Joseph Veldenhoff, Inc. Magneto testing apparatus. 136,713; Nov. 23.
- Hastert, Harley G., assignor to Dugas Engineering Corporation, Marinette, Wis. Package for fire extinguishing material or similar article. 135,677; May 11.
- Hat Corporation of America. (See Maxwell, P. M., and Bussey, assignors.)
- Hauptman, Wesley R., assignor to Nassour Bros., Inc., Ltd., Los Angeles, Calif. Cologne bottle. 136,658; Nov. 16.
- Havas, Arpad J., Jackson Heights, N. Y. Combined tool holder and cutting device for lathes. 136,502; Oct. 12.
- Hawkes, Frances, assignor to Rollins Hosiery Mills, Inc., Des Moines, Iowa. Slip or similar article. 135,701; May 18.
- Hawthurst, Lee C., New York, N. Y. Dress. 135,184; Mar. 9.
- Hayes, Edward, Wickliffe, Ohio. Nonskid tire. 135,851; June 22.
- Hearn, Thomas A., Ludlow, Ky., assignor to The Globe-Wernicke Company, Norwood, Ohio. Card follower. 135,459; Apr. 13.
- Hearn, Thomas A., Ludlow, Ky., assignor to The Globe-Wernicke Company, Norwood, Ohio. Card follower. 135,460; Apr. 13.
- Hector, Ernest A., Jamestown, N. Y. Bottle. 136,224; Aug. 24.
- Heemann, Arthur E., Bell, assignor of one-half to C. R. Kellogg, Los Angeles, Calif. Liquid dispenser. 134,935; Feb. 2.
- Hell Co., The. (See Meyer, Arnold F., assignor.)
- Helman, Sidney J., St. Louis, Mo. Flue cap. 135,628; May 4.
- Heimerman, Olive L., Fond du Lac, Wis. Apron. 135,445; Apr. 6.
- Heintz & Kaufman, Ltd. (See Wagener, W. G., and Splar, assignors.)
- Heintz, Ralph M., Cleveland, assignor to Jack & Heintz Research Corporation, Bedford, Ohio. Engine starter. 135,899; June 29.
- Heintz, Ralph M., Cleveland, assignor to Jack & Heintz Research Corporation, Bedford, Ohio. Engine starter. 136,503; Oct. 12.
- Heintz, Ralph M., Cleveland, assignor to Jack & Heintz Research Corporation, Bedford, Ohio. Engine starter. 136,504; Oct. 12.
- Heintz, Ralph M., Cleveland, assignor to Jack & Heintz Research Corporation, Bedford, Ohio. Engine starter. 136,800; Dec. 7.
- Helrlom Needlework Guild, Inc. (See Lopez, Grace W., assignor.)
- Helrlom Needlework Guild, Inc. (See Vertes, Dora, assignor.)
- Heisey, A. H., & Company. (See Whipple, Clyde S., assignor.)
- Helberg, Carl W., Chicago, Ill. Service plaque. 135,221; Mar. 9.
- Heller, Elias, Brooklyn, N. Y. Brassière. 135,316; Mar. 23.
- Hellwig Silk Dyeing Co., The. (See Gutekunst, Ralph M., assignor.)
- Hendrix, Rex, Ruth, Nev. Jewelry finding or similar article. 135,371; Mar. 30.
- Henkel, Andrew L., Chicago, Ill. Apron. 136,814; Dec. 7.
- Henken, William J., Sioux City, Iowa. Combined radio, clock and table lamp. 135,265; Mar. 16.
- Hennrich, Motor Company. (See Schofield, Earl L., assignor.)
- Herbert, Leon S., Merion, Pa. Sock or similar article. 136,939; Dec. 28.
- Herbert, Leon S., Merion, Pa. Sock or similar article. 136,945; Dec. 28.
- Herron, Robert, Revere, Mass. Shoe sole. 136,065; July 27.
- Herschensohn, Arthur M., New York, N. Y. Brush. 134,720; Jan. 5.
- Herszkowicz, Lewek, New York, N. Y. Knotted fabric. 135,328; Mar. 23.
- Herzfeld, Emil, Stamford, Conn. Scarf or similar article. 134,999; Feb. 9.
- Herz, Erwin, assignor to Samuel Lowe Company, New York, N. Y. Foldable paper Christmas crib. 136,085; Aug. 3.
- Hess, Lester L., New York, N. Y. Brooch or similar article. 136,741; Nov. 30.
- Hietrick Manufacturing Company, The. (See Smith, William L., assignor.)
- Hiegan, Arthur, Oakland, assignor to Joe Koret, San Francisco, Calif. Skirt. 135,819; June 15.
- Hibbard, Hall L., West Los Angeles, and C. L. Johnson, Enclino, assignors to Lockheed Aircraft Corporation, Burbank, Calif. Airplane. 136,352; Sept. 14.
- Hickman, Alfred Merwin, Paterson, and G. B. Shield, Ridgewood, N. J. Bag. 135,734; May 25.
- Hickman, Willie L., Tampa, assignor of one-half to W. J. Trowell, Sulphur Springs, Fla. Salt shaker. 135,273; Mar. 23.
- Hickok Manufacturing Company. (See Ricketts, Carl E., assignor.)
- Hill, Budd A., Dallas, Tex. Coin bank. 136,929; Dec. 28.
- Hill, C. V., & Company. (See Hoffman, Cyrus F., assignor.)
- Hillenbrand, William A., assignor to Hill-Rom Company, Inc., Batesville, Ind. Over-bed table. 135,507; Apr. 20.
- Hillenbrand, William A., Franklin County, assignor to Hill-Rom Company, Inc., Batesville, Ind. Over-bed table. 135,530; Mar. 30.
- Hillenbrand, William A., Franklin County, assignor to Hill-Rom Company, Inc., Batesville, Ind. Over-bed table. 135,341; Mar. 30.
- Hill-Rom Company. (See Hillenbrand, William A., assignor.)
- Hillenbrand, Frank X., New York, N. Y. Handbag. 136,526; Oct. 19.
- Hillenbrand, Frank X., New York, N. Y. Handbag. 136,550; Oct. 26.
- Hillenbrand, Frank X., New York, N. Y. Handbag frame. 136,878; Dec. 21.
- Himes, William H. (See Joyce, W. E., Himes, and Wilson.)
- Hinekey-Myers Division of Kent-Moore Organization Inc. (See Graham, George M., assignor.)
- Hinde & Dauch Paper Company, The. (See Larkin, Daniel A., assignor.)
- Hirsch, Mano, New York, N. Y. Doll. 135,684; May 11.
- Hirschfeld, Mortimer H., Great Neck, assignor to Tone Laboratories, Inc., New York, N. Y. Powder bellows. 135,026; Feb. 16.

- Hirson, Samuel L., Los Angeles, Calif. Brooch pin or similar article. 135,653; May 11.
- Hobart Manufacturing Company, The. (See Arens, E. H., and Brookhart, assignors.)
- Hobden, Frederick G., assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth. 135,012; Feb. 9.
- Hochberg, Albert, New York, N. Y. Dress. 135,614; May 4.
- Hodes, Benjamin D., Houston, Tex. Tossing ring. 135,740; June 1.
- Hodge, G. Howard, New York, N. Y. Hat. 136,812; Dec. 7.
- Hoff, Frank A., Baltimore, Md. Incense burner. 136,739; Nov. 30.
- Hoffman, Al H., Azusa, Calif. Rupture pad. 135,737; May 25.
- Hoffman, Cyrus F., assignor to C. V. Hill & Company, Inc., Trenton, N. J. Display case. 134,836; Jan. 19.
- Hoffman, Cyrus F., assignor to C. V. Hill & Company, Inc., Trenton, N. J. Refrigerated display cabinet. 135,025; Feb. 16.
- Hoffman, Harold J., assignor to Peter A. Hoffman, Hastings, Minn. Index card tab. 135,639; Nov. 9.
- Hoffman, Peter. (See Hoffman, Harold J., assignor.)
- Hoffmann, Hugo, assignor to Elite Hand Painting Corporation, New York, N. Y. Christmas tree ornament or the like. 135,470; Apr. 13.
- Hoffmaster, Byron T., assignor to Marathon Paper Mills Company, Rothschild, Wis. Dispenser for interfolded sheets. 135,591; Nov. 2.
- Hoffmaster, Byron T., Menasha, assignor to Marathon Paper Mills Company, Rothschild, Wis. Dispenser for paper napkins. 136,267; Aug. 31.
- Hofstetter, Christian, Oxnard, Calif. Fluorescent light fixture. 136,518; Oct. 19.
- Holland, Glen, Bronxville, N. Y., and H. J. Framhein, Chicago, Ill., assignors to The Yale & Towne Manufacturing Company, Stamford, Conn. Industrial truck. 136,279; Aug. 31.
- Holland, William T., Marietta, Ga. Pen holding stand. 136,280; Aug. 31.
- Hollander, Alfred I., Deal, N. J. Combined cigarette container and ash tray or similar article. 136,760; Nov. 30.
- Hollis, Morton, Brookline, assignor to Gillette Safety Razor Company, Boston, Mass. Case for safety razors and shaving accessories. 135,381; Mar. 30.
- Holsing, Claude J., South Orange, assignor to Electric Arc, Inc., Newark, N. J. Welding electrode extruder covering machine. 135,342; Mar. 30.
- Holsing, Claude J., South Orange, assignor to Electric Arc, Inc., Newark, N. J. Engine-driven plural-electric-generator power set. 135,648; May 11.
- Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Portable heating unit. 135,577; Apr. 27.
- Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Portable heating unit. 135,833; June 15.
- Holthouse, Harry B., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Portable heating unit. 135,962; June 22.
- Holton, Harry L., Chicago, Ill. Soap dish. 136,209; Aug. 24.
- Holzworth, Lauriene T., et al. (See Du Bois, Joseph E., assignor.)
- Honeyman, William A., San Francisco, Calif. Spirit level. 136,563; Oct. 26.
- Hoover, Joseph J., New Orleans, La. Badge or similar article of jewelry. 136,930; Dec. 28.
- Hopkins, George, Rochester, N. Y. Ski glider. 135,343; Mar. 30.
- Hopkins, Horace E., Jeffersonville, Ind. Lamp. 135,479; Apr. 13.
- Hopkins, Homer H., assignor to Cobbs-Hopkins Company, Des Moines, Iowa. Spice cabinet or similar article. 135,839; June 15.
- Horbach, Alexander, Chicago, Ill., assignor to Comet Model Airplane & Supply Co., Inc. Toy glider. 136,013; July 20.
- Hordes, Irving, Yonkers, N. Y. Lapel picture frame or similar article. 135,204; Mar. 9.
- Hornak, Francis S., Bridgeport, Conn. Airplane. 135,702; May 18.
- Horne, Hal. (See Gillie, James R., assignor.)
- Hoskins, Lynn W., Knoxville, Tenn. Bird house or the like. 134,814; Jan. 19.
- Hoshafian, Lucy, New York, N. Y. Dress. 134,804; Jan. 12.
- Hoshafian, Lucy, New York, N. Y. Dress. 134,805; Jan. 12.
- Hotstream Heater Company, The. (See Morrow, Clarence H., assignor.)
- Houdaille-Hershey Corporation. (See Sebok, Joseph B., assignor.)
- House of Westmore Inc. (See Loewy, Raymond, assignor.)
- Hovey, C. Earl, trustee. (See Hagstrom, Jerome E., assignor.)
- Hovey, C. Earl. (See Sherman, C. G., and Ryan, assignors.)
- Hrabak, Robert A., Lakewood, assignor to The Art Metal Company, Cleveland, Ohio. Ultraviolet sterilizer. 135,255; Mar. 16.
- Hrabak, Robert A., Lakewood, assignor to The Art Metal Company, Cleveland, Ohio. Ultraviolet sterilizer. 135,255; Mar. 16.
- Hrabak, Robert A., Lakewood, assignor to The Art Metal Company, Cleveland, Ohio. Ultraviolet sterilizer. 135,256; Mar. 16.
- Hubert, Virgil F., Coronado, assignor to Consolidated Vultee Aircraft Corporation, San Diego, Calif. Applique or the like. 135,986; July 13.
- Hucklebridge, John R., Chualar, Calif. Game board. 136,256; Aug. 31.
- Hudson, Richard L., Worland, Wyo. Sheep clipper comb. 136,086; Aug. 3.
- Hudson, Verne L., and H. W. Zipp, assignors to Boeing Airplane Company, Wichita, Kans. Airplane. 136,360; Sept. 14.
- Huebner, Arthur F., Bay City, Mich. Medal or similar article. 136,308; Sept. 7.
- Huenergardt, William H., Chicago, Ill. Ammunition rounds indicator. 135,916; July 6.
- Huff, Basil D., New York, N. Y. Holding clip for a shoe ornament or similar article. 134,779; Jan. 12.
- Huff, Basil D., New York, N. Y. Buckle. 134,936; Feb. 2.
- Huff, Basil D., New York, N. Y. Buckle. 135,154; Mar. 2.
- Huff, Basil D., New York, N. Y. Flexible sandal. 135,155; Mar. 2.
- Hull, A. E., Pottery Company, The. (See Bauer, Louise E., assignor.)
- Hull, David B., Bethesda, Md. Follower block for a filing drawer. 135,416; Apr. 6.
- Hull, Maud P., Richmond, Va. Earring. 136,815; Dec. 7.
- Hull, Orville S., Jr., Jefferson City, Mo. Watch charm or similar article. 136,693; Nov. 23.
- Humphrey, Don B., Great Neck, N. Y., assignor to United States Gypsum Company, Chicago, Ill. Roofing shingle. 135,035; Feb. 16.
- Hunting, Arthur J., Eureka, Calif. Bathtub. 135,283; Mar. 23.
- Hurschler, Charles J., New York, N. Y. Rack for kitchen or laboratory utensils or the like. 136,831; Dec. 14.
- Hutson, Alton W. and H. M., Del Rio, Tex. Catapult. 135,283; Mar. 23.
- Hutson, Hazel M. (See Hutson, Alton W. and H. M.)
- Hutson, Lester E., Los Angeles, Calif. Nut anchor. 136,173; Oct. 12.
- Huwyley, Gottlieb J., Harrison, Maine. Flag or similar article. 135,119; Feb. 23.
- Hydraulic Development Corporation Inc., The. (See Mills, Howard V., assignor.)
- Hydraulic Development Corporation, The. (See Tucker, Warren R., assignor.)
- Hygela Nursing Bottle Company. (See Ganson, Howard H., assignor.)
- Hyman, Sidney, New York, N. Y. Folder for bills, coins, cards, or the like. 136,889; Dec. 21.
- Ideal Novelty & Toy Co. (See Michtom, Benjamin F., assignor.)
- Ileff, Ilon, Detroit, Mich. Combined shade and curtain bracket. 136,161; Aug. 17.
- Indiana Glass Company. (See Harshman, Arthur L., assignor.)
- International Plastic Corporation. (See Schieman, Gustave, assignor.)
- Interstate Bakeries Corporation. (See Cohen, M., and Jorgenson, assignors.)
- Irwin, George C., St. Louis, Mo. Chemical container. 136,129; Aug. 10.
- Irwin, George C., St. Louis, Mo. Volatile moth exterminant. 136,130; Aug. 10.
- Isis, Inc. (See Long, Hiram A., assignor.)
- Ivers-Lee Company. (See Salsberg, Leroy L., assignor.)
- Jack & Heintz, Inc. (See Conant, David J., assignor.)
- Jack & Heintz Research Corporation. (See Conant, David J., assignor.)
- Jack & Heintz Research Corporation. (See Heintz, Ralph M., assignor.)
- Jackson, Diana M., New York, N. Y. Combination bag* and garment. 135,794; June 8.
- Jackson, Merlin M., San Jose, Calif. Combined washer and wringer drive housing. 136,410; Sept. 28.
- Jacobs, H. & Son, Inc. (See Fox, Marvin, assignor.)
- Jacobs, Joseph S., New York, N. Y. Victory plaque. 135,285; Mar. 23.
- Jacobs, Vera, New York, N. Y. Dress. 135,127; Feb. 23.
- Jacobs, Vera, New York, N. Y. Dress. 135,128; Feb. 23.
- Jacobs, Vera, New York, N. Y. Dress. 135,129; Feb. 23.
- Jacobson, Louis, Brooklyn, N. Y. Eyeglass frame. 136,047; July 27.
- James Manufacturing Company. (See Waterman, Arthur E., assignor.)
- Jamison, C. Bland. (See de Swart, Jan, assignor.)
- Jamison, Truman K., Hoquiam, Wash. Bag fastener or similar article. 135,112; Feb. 23.
- Janes, Richard B., assignor to Gibson Electric Refrigerator Corporation, Greenville, Mich. Refrigerator. 135,274; Mar. 23.
- Janes, Richard B., assignor to Gibson Electric Refrigerator Corporation, Greenville, Mich. Refrigerator. 135,275; Mar. 23.

- Janning, William J., Dayton, Ohio, and F. F. Joyner, Burbank, Calif. Sewer plug. 136,659; Nov. 16.
- Jantzen Knitting Mills. (See Scriggins, Edwin P., assignor.)
- Jardur Import Company. (See Vetter, Ernest G., assignor.)
- Jarman, Emerson W., Farmville, Va. Building. 135,861; June 25.
- Jarnagin, Marvin, Detroit, Mich. Toy cannon. 136,709; Nov. 23.
- Jeannet, Max, Berne, Switzerland. Dental parallel cavity former. 134,905; Jan. 26.
- Jeanette Glass Company, The. (See Sloan, Carl T., assignor.)
- Jefferys, William M., Youngstown, Ohio. Foot exerciser. 136,905; Dec. 28.
- Jenks, Frederic A., Rockville Centre, T. M. Ferrill, Jr., Hempstead, and D. F. Folland, East Hempstead, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Aircraft landing instrument indicator. 135,322; Mar. 23.
- Johnson, Aaron D., assignor to Eastman Kodak Company, Rochester, N. Y. Photo album. 134,780; Jan. 12.
- Johnson, Albert H., assignor to Anderson Bros. & Johnson Co., Wausau, Wis. Monument. 134,927; Feb. 2.
- Johnson, Albert H., assignor to Anderson Bros. & Johnson Co., Wausau, Wis. Monument. 134,928; Feb. 2.
- Johnson, Andrew J., Muncie, Ind. Rake head. 136,519; Oct. 19.
- Johnson, Clarence L. (See Hibbard, H. L., and Johnson.)
- Johnson, Hugh B., Rochester, N. Y. Card follower block for a filing drawer. 134,874; Jan. 26.
- Johnson, Hugh B., Rochester, N. Y. Pack board. 135,795; June 8.
- Johnson, Ruth V., Buffalo, N. Y. Lady's hat. 134,844; Jan. 19.
- Johnson, William B., U. S. Army. Tool box. 134,918; Jan. 26.
- Johnson, William B., United States Army. Portable container for liquids. 136,890; Dec. 21.
- Johnstone, Fleurette C., Pasadena, Calif. Infant's wear-inc tray. 135,624; Apr. 20.
- Jolles, Ida, New York, N. Y. Plastic unit for use on handbags or the like. 135,729; May 25.
- Jolles, Ida, New York, N. Y. Handbag. 135,769; June 1.
- Jolles, Ida, New York, N. Y. Handbag. 135,840; June 15.
- Jones, Edward L., Richmond, Va. Combination lamp, perpetual calendar, and container. 135,550; Apr. 20.
- Jones, Frank S., Drexel Hill, Pa. Horizontal boring mill. 135,686; May 18.
- Jones, George E., Tampa, Fla. Blind flying hood. 136,539; Oct. 19.
- Jones, Howard B., Evanston, Ill. Terminal block for electrical connections. 135,033; Feb. 16.
- Jones, James W., Lutz, Fla. Fence stretcher. 136,536; Oct. 19.
- Jorgensen, Clarence W., and W. A. Odencrantz, Chicago, Ill. Tie rack. 136,900; Dec. 28.
- Jorgenson, Gerald A. (See Cohen, M., and Jorgenson.)
- Joyce, William E., W. H. Himes, and D. I. Wilson, assignors to The City Engineering Company, Dayton, Ohio. Screw machine. 134,109; Feb. 23.
- Joyner, Frank F. (See Janning, W. J., and Joyner.)
- Joyne, Bloomfield M., Hampton, Va. Tool for removing sand and asbestos shingles. 136,668; Nov. 16.
- Judd, Clifford W., Rochester, N. Y. Toy vehicle. 135,424; Apr. 6.
- Jullan, Lena M., Brockton, Mass. Headband ornament. 136,854; Dec. 14.
- Jullanelli, Charles A. (See Jullanelli, Mabel and C. A.)
- Jullanelli, Mabel and C. A., New York, N. Y. Shoe. 134,781; Jan. 12.
- Jullanelli, Mabel and C. A., New York, N. Y. Shoe. 134,782; Jan. 12.
- Jullanelli, Mabel and C. A., New York, N. Y. Shoe. 134,783; Jan. 12.
- Jurkops, Helen L. (See Burn, W. P., and Jurkops.)
- Jurkops, Helen L., Washington, D. C., assignor to United States of America, as represented by the United States Director of Civilian Defense. Applique emblem or similar article. 135,525; Apr. 20.
- Jurkops, Helen L., Washington, D. C., assignor to The United States of America, as represented by the Director of Civilian Defense, Office of Civilian Defense. Applique emblem or similar article. 136,650; Nov. 9.
- Kaback, Nathan, New York, N. Y. Dress. 136,281; Aug. 31.
- Kafka, Elsa M., New York, N. Y. Pin or similar article. 135,286; Mar. 23.
- Kafka, Elsa M., New York, N. Y. Brooch or similar article. 136,268; Aug. 31.
- Kafka, Elsa M., New York, N. Y. Brooch or similar article. 136,269; Aug. 31.
- Kahn, David, Woodcliff, N. J. Fountain pen and pencil clip or the like. 135,890; June 29.
- Kaiser Cargo, Inc. (See de Ganahl, Frank, assignor.)
- Kalina, Leon, New York, N. Y. Pin or similar article. 134,957; Feb. 2.
- Kalina, Leon, New York, N. Y. Pin or similar article. 135,615; May 4.
- Kalisher, Benjamin, Poughkeepsie, assignor to Wood-Flex Fashions Inc., New York, N. Y. Handbag. 135,603; May 4.
- Kalisher, Benjamin, Poughkeepsie, assignor to Wood-Flex Fashions Inc., New York, N. Y. Handbag. 135,604; May 4.
- Kalisher, Benjamin, Poughkeepsie, assignor to Wood-Flex Fashions Inc., New York, N. Y. Handbag. 135,605; May 4.
- Kalisher, Benjamin, Poughkeepsie, assignor to Wood-Flex Fashions Inc., New York, N. Y. Handbag. 135,606; May 4.
- Kalisher, Benjamin, Poughkeepsie, assignor to Wood-Flex Fashions Inc., New York, N. Y. Handbag. 135,607; May 4.
- Kalisher, Benjamin, Poughkeepsie, assignor to Wood-Flex Fashions Inc., New York, N. Y. Handbag. 135,607; May 4.
- Kalisher, Benjamin, Poughkeepsie, assignor to Wood-Flex Fashions Inc., New York, N. Y. Handbag. 136,014; July 20.
- Kaltreider, Walter H., York, Pa. Tire chain applying device or similar article. 135,730; May 25.
- Kamenstein, David. (See Kapner, T., and Kamenstein.)
- Kaminky, Oscar H., assignor to Micro Switch Corporation, Freeport, Ill. Electric switch housing. 134,996; Feb. 9.
- Kane, Martine, New York, N. Y. Combined shoe insole and cover. 136,180; Aug. 17.
- Kanter, Edward, Cleveland Heights, Ohio. Cigarette pack holder. 135,621; May 4.
- Kanter, Edward, Cleveland Heights, Ohio. Cigarette pack holder. 135,622; May 4.
- Kanter, Edward, Cleveland Heights, Ohio. Cigarette pack holder. 135,623; May 4.
- Kanter, Edward, Cleveland Heights, Ohio. Cigarette pack holder. 135,624; May 4.
- Kanter, Edward, Cleveland Heights, Ohio. Cigarette pack holder. 135,625; May 4.
- Kaplan, Sholem E., Hartford, Conn. Clothespin bag. 135,538; Apr. 20.
- Kaplan, Sholem E., Hartford, Conn. Clothespin bag. 135,539; Apr. 20.
- Kapner, Thomas, Bellaire, Ohio, and D. Kamenstein, New York, N. Y. Casserole. 135,649; May 11.
- Kaputiller, Alexander E., Chicago, Ill. Meat grinder. 135,933; July 6.
- Karlan, Jacob, Mount Vernon, N. Y. Stone setting for rings. 135,987; July 13.
- Karlen, Lena, New York, N. Y. Scarf hat or similar article. 135,678; May 11.
- Karoff, Mary S., New York, N. Y. Bag or similar article. 135,446; Apr. 6.
- Karoff, Mary S., New York, N. Y. Container. 135,616; May 4.
- Karpel, Rosalyn Z., assignor to R. H. Macy & Co., Inc., New York, N. Y. Hostess coat. 136,459; Oct. 6.
- Karsmidt, Clarence, Glen Ellyn, assignor to Sears, Roebuck and Co., Chicago, Ill. Motion picture projector. 136,023; Nov. 9.
- Kartvill, Alexander, Massapequa, N. Y., assignor to Republic Aviation Corporation. Airplane. 136,714; Nov. 23.
- Kaseo Mills, Inc. (See Kieser, Ernest II., assignor.)
- Kass, Ruth R., New York, N. Y. Dress. 136,139; Aug. 10.
- Kass, Ruth R., New York, N. Y. Dress. 136,140; Aug. 10.
- Kass, Ruth R., New York, N. Y. Dress. 136,141; Aug. 10.
- Kass, Ruth R., New York, N. Y. Dress. 136,142; Aug. 10.
- Kass, Ruth R., New York, N. Y. Dress. 136,143; Aug. 10.
- Katz, Abraham M., Freeport, N. Y. Beach wear dress. 136,875; Dec. 21.
- Katz, Abraham M., Freeport, N. Y. Playsuit. 136,876; Dec. 21.
- Katz, Adolph, Providence, R. I., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Separable brooch. 134,981; Feb. 9.
- Katz, Adolph, Providence, R. I., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Brooch or similar article. 134,982; Feb. 9.
- Katz, Adolph, Providence, R. I., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Brooch or similar article. 134,983; Feb. 9.
- Katz, Adolph, Providence, R. I., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Brooch or similar article. 134,984; Feb. 9.
- Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 135,969; July 13.
- Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Separable brooch. 135,970; July 13.
- Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 135,971; July 13.
- Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 135,972; July 13.
- Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 135,973; July 13.
- Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 136,309; Sept. 7.

- Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 136,310; Sept. 7.
- Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 136,311; Sept. 7.
- Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 136,312; Sept. 7.
- Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch or similar article. 136,313; Sept. 7.
- Katz, Adolph, assignor to Coro, Inc., Providence, R. I. Brooch or similar article. 136,505; Oct. 12.
- Katz, Adolph, assignor to Coro, Inc., Providence, R. I. Brooch or similar article. 136,506; Oct. 12.
- Katz, Adolph, assignor to Coro, Inc., Providence, R. I. Brooch or similar article. 136,507; Oct. 12.
- Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 136,832; Dec. 14.
- Katz, Adolph, Providence, R. I., assignor to Coro, Inc., New York, N. Y. Brooch pin. 136,833; Dec. 14.
- Katz, Adolph, assignor to Coro, Inc., Providence, R. I. Brooch or similar article. 136,868; Dec. 21.
- Katz, Willy, Woodside, N. Y. Combined picture frame and easel support. 134,958; Feb. 2.
- Kaub, Ottmar, St. Louis, Mo. Moistener. 136,215; Aug. 24.
- Kaufmann, Melville, Los Angeles, Calif. Shoe or similar article. 136,337; Sept. 14.
- Kay, Murray, New York, N. Y. Slacks suit. 135,863; June 22.
- Kearney, George L., Tuckahoe, assignor to Geo. Borgfeldt Corporation, New York, N. Y. Drinking glass. 136,684; Nov. 23.
- Keasbey & Mattison Company. (See Deckman, Joseph E., assignor.)
- Keeler, Paul S., Reading, Pa. Lamp. 135,946; July 6.
- Keene, Joseph F., New York, N. Y. Handbag. 135,857; June 22.
- Kelsor, Charles B., Wilkes-Barre, Pa. Stamp button or similar article. 134,784; Jan. 12.
- Keith, Marian W., Washington, D. C. Bathing garment or the like. 136,185; Aug. 17.
- Kellett, Rayford, and F. C. Robinson, Leavenworth, Kans. Jewelry finding or similar article. 135,436; Apr. 6.
- Kelley, George W., Philadelphia, Pa. Combined butter dish and knife rest or similar article. 136,474; Oct. 12.
- Kellogg, Caroline R. (See Heemann, Arthur E., assignor.)
- Kemmer, Paul H., Patterson Field, and C. S. Butt, Jr., and C. E. Reichert, Dayton, Ohio. Bombardment airplane. 135,852; June 22.
- Kennedy, Robert E., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Combined bowling alley bed and approach or similar article. 135,447; Apr. 6.
- Kennerson, Burton H., San Jose, Calif. Combined display and sales cabinet. 134,807; Jan. 19.
- Kenney, Verle C., Chagrin Falls, Ohio. Hand cart. 135,697; May 18.
- Kenney, Verle C., Chagrin Falls, Ohio. Toy wheelbarrow. 135,725; May 25.
- Kenney, Verle C., Chagrin Falls, Ohio. Toy rocking horse. 136,834; Dec. 14.
- Kenney, Verle C., Chagrin Falls, Ohio. Toy cart. 136,835; Dec. 14.
- Kenney, Verle C., Chagrin Falls, Ohio. Toy cart. 136,836; Dec. 14.
- Kensington Steel Company. (See Gerow, Theron G., assignor.)
- Kensington Steel Company. (See Williams, Russell J., assignor.)
- Kent, William R. (See White, P. W., and Kent.)
- Kessler, Betty, New York, N. Y. Dress. 134,760; Jan. 6.
- Kessler, Betty, New York, N. Y. Dress. 134,761; Jan. 6.
- Kessler, Betty, New York, N. Y. Dress. 134,846; Jan. 6.
- Kessler, Betty, New York, N. Y. Dress. 135,130; Feb. 23.
- Kessler, Betty, New York, N. Y. Dress. 135,131; Feb. 23.
- Keyes, Kenneth, New York, N. Y. Shoe or similar article. 136,742; Nov. 30.
- Keyes, Kenneth, New York, N. Y. Slipper. 136,913; Dec. 28.
- Kidney, Victor H. (See Cameron, A., and Kidney.)
- Kiekhaefer Corporation. (See Kiekhaefer, Elmer C., assignor.)
- Kiekhaefer, Elmer C., assignor to Kiekhaefer Corporation, Cedarburg, Wis. Outboard motor. 135,329; Mar. 23.
- Kiel, Julius H., et al. (See Owen, Ira J., assignor.)
- Kiel, Robert B., et al. (See Owen, Ira J., assignor.)
- Kieser, Ernest H., assignor to Kasco Mills, Inc., Toledo, Ohio. Set of playing cards. 135,763; June 1.
- Kimble Glass Company. (See Moran, James J., assignor.)
- Kimlich, William, Medina, Ohio. Illuminable Christmas ornament. 136,448; Oct. 5.
- Kincannon, Florence L., Palm Harbor, Fla. Combined lawn figure and sign. 136,584; Nov. 2.
- Kincannon, Florence L., Palm Harbor, Fla. Combined lawn figure and sign. 136,585; Nov. 2.
- King, Fred H., Canton, Ohio. Jewelry pin or similar article. 136,801; Dec. 7.
- King, Fred H., Canton, Ohio. Jewelry pin or similar article. 136,802; Dec. 7.
- King, Muriel, Pleasantville, N. Y., assignor to Celanese Corporation of America. Apron. 135,712; May 25.
- King, Muriel, Pleasantville, N. Y., assignor to Celanese Corporation of America. Dress. 135,713; May 25.
- King, Muriel, Pleasantville, N. Y., assignor to Celanese Corporation of America. Jacket. 135,714; May 25.
- King, Muriel, Pleasantville, N. Y., assignor to Celanese Corporation of America. Blouse. 135,715; May 25.
- Kingdon, Ralph H., Delavan, Wis. Diaper scrubber. 136,715; Nov. 13.
- Kingston, Justin I., Mount Vernon, assignor to Millburn Mills, Inc., New York, N. Y. Box. 136,383; Sept. 21.
- Kirby-Coghesall-Steivan Company. (See Dernehl, Herbert U., assignor.)
- Kirchen, Theodore, Chicago, Ill. Artificial wreath. 135,660; May 11.
- Kirchner, Paul J., Plainville, assignor to Landers, Frary & Clark, New Britain, Conn. Scale. 136,435; Oct. 5.
- Kirschner, Bruno W. (See Bernard, B., and Kirschner.)
- Kiser, Fred H., Los Angeles, Calif. Scratch-pad holder or similar article. 136,660; Nov. 16.
- Kittel, John J., St. Albans, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 136,751; Nov. 30.
- Kittel, John J., St. Albans, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 136,752; Nov. 30.
- Kittel, John J., St. Albans, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 136,761; Nov. 30.
- Kittles, William M., assignor to Walter M. Gotsch Company, Chicago, Ill. House coat. 135,036; Feb. 16.
- Klauber, Siegfried, New York, N. Y. Textile fabric. 135,602; May 4.
- Klauber, Siegfried, New York, N. Y. Handkerchief or similar article. 136,746; Nov. 30.
- Klein, Frank, Oradell, N. J. Finger ring. 136,344; Sept. 14.
- Kleinberg, Harry I., Pittsburgh, Pa. Jelly mold or similar article. 136,782; Dec. 7.
- Kleineck, Roy J., Onslow, Iowa. Pin or similar article of jewelry. 136,020; July 20.
- Kundsen, William S., U. S. Army, Washington, D. C., assignor to the United States of America, as represented by the Secretary of War. Lapel emblem button or the like. 134,959; Feb. 2.
- Koehler, Emma E., Elmhurst Gardens, Ill. Apron. 135,807; June 8.
- Kolker, Louis, Elizabeth, N. J. Folding stroller. 136,914; Dec. 28.
- Konches, Joseph H., Chicago, Ill., assignor to Comet Model Airplane & Supply Co., Inc. Airplane control instruction device or similar article. 134,942; Feb. 2.
- Koonz, Frederick W., Bernardston, assignor to Rogers, Lunt & Bowlen Company, Greenfield, Mass. Spoon or similar article. 135,461; Apr. 13.
- Koret, Joe. (See Heyman, Arthur, assignor.)
- Kost, Harold W., Birmingham, assignor to Detroit Harvester Company, Detroit, Mich. Fastener applying tool. 136,891; Dec. 21.
- Kotzin, Adolph A., Chicago, Ill. Shoe sole. 135,156; Mar. 2.
- Kraissel, Frederick, Jr., North Hackensack, N. J. Combined filter and strainer. 136,021; July 20.
- Kramer, Ferdinand, Portchester, assignor to Allied Purchasing Corporation, and F. V. Gerstel, New York, F. Kramer, Portchester, and P. M. Mazur, New York, N. Y. Combination stool and coffee table. 136,694; Nov. 23.
- Krause, Frederick A., Hinsdale, Ill. Antidrying carton. 136,607; Nov. 2.
- Krauter, Erich O. U. S. Army. Spring shackle bolt. 135,661; May 11.
- Krelnik, Isidore, New York, N. Y. Coat. 136,687; Nov. 23.
- Kress, Herman, New York, N. Y. Girdle or the like. 136,050; July 27.
- Krol, Edward T., Sacramento, Calif. Locket or similar article. 135,526; Apr. 20.
- Kropp, Willis A., River Forest, assignor to Victor Adding Machine Co., Chicago, Ill. Check writing machine casing. 135,500; Apr. 13.
- Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Suction cleaner casing or the like. 135,974; July 13.
- Krueger, Edward C., Otsego, assignor to Hammond Machinery Builders, Inc., Kalamazoo, Mich. Backstand for belt polishing machines. 135,344; Mar. 30.
- Kulka, Eugene R., Mount Vernon, N. Y. Terminal block for electrical connections. 136,608; Nov. 2.
- Kulka, Eugene R., Mount Vernon, N. Y. Terminal block for electrical connections. 136,762; Nov. 30.
- Kupersmith, Fred W., Bloomington, Ill. Combined air gauge, regulator, and indicator or similar article. 136,369; Sept. 21.
- Kuznetz, Samuel, New York, N. Y. Lady's suit. 135,903; June 29.

- Kuznetz, Samuel, New York, N. Y. Lady's suit. 136,115; Aug. 3.
- Kuznetz, Samuel, New York, N. Y. Lady's suit. 136,116; Aug. 3.
- Lachman, Harry, Beverly Hills, Calif. Serving stand. 136,237; Aug. 31.
- Ladenburger, Morris, New York, N. Y. Wallet. 134,906; Jan. 26.
- La Forest, Louis Z., Parsippany-Troy Hills Township, Morris County, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Dual control for phonographs. 135,266; Mar. 16.
- Lanis, Viola, Seattle, Wash. Transparent sewing machine presser foot. 135,390; Mar. 30.
- Lake, William W., et al. (See Wade, John L., assignor.)
- Lamb, Thomas, New York, N. Y. Figure toy or the like. 135,267; Mar. 16.
- Lamb, Thomas, New York, N. Y. Figure toy or the like. 135,352; Mar. 30.
- Lampl, Walter, New York, N. Y. Charm or similar article. 135,050; Feb. 16.
- Lampl, Walter, New York, N. Y. Charm or similar article. 135,051; Feb. 16.
- Lampl, Walter, New York, N. Y. Charm or similar article. 135,052; Feb. 16.
- Lampl, Walter, New York, N. Y. Charm or similar article. 135,053; Feb. 16.
- Lampl, Walter, New York, N. Y. Charm or similar article. 135,054; Feb. 16.
- Lampl, Walter, New York, N. Y. Charm or similar article. 135,055; Feb. 16.
- Lampl, Walter, New York, N. Y. Charm or similar article. 135,056; Feb. 16.
- Lampl, Walter, New York, N. Y. Charm or similar article. 135,057; Feb. 16.
- Lampl, Walter, New York, N. Y. Charm or similar article. 135,058; Feb. 16.
- Lampl, Walter, New York, N. Y. Charm or similar article. 135,059; Feb. 16.
- Lampl, Walter, New York, N. Y. Charm or similar article. 135,060; Feb. 16.
- Lampl, Walter, New York, N. Y. Charm or similar article. 135,061; Feb. 16.
- Lampl, Walter, New York, N. Y. Ring or the like. 136,037; July 20.
- Lampl, Walter, New York, N. Y. Ring or the like. 136,038; July 20.
- Lampl, Walter, New York, N. Y. Ring or the like. 136,039; July 20.
- Land, Frank, Boston, Mass. Lady's suit. 135,330; Mar. 23.
- Landers, Frary & Clark. (See Kircher, Paul J., assignor.)
- Lange, Frederick E., Lincoln, Nebr. Clothes hanger. 134,808; Jan. 19.
- Langvin, Carl C., San Mateo, Calif. Loud-speaker or the like. 136,537; Oct. 19.
- Lanter, Clarence W., Du Page County, Ill., assignor to Birtman Electric Company. Grain disintegrator or similar article. 136,837; Dec. 14.
- Larkin, Daniel A., assignor to The Hinde & Dauch Paper Company, Newark, Ohio. Combined shipping and display container. 135,834; June 15.
- Larrison, Millard S. (See Bigler, O. A., and Larrison.)
- Larson, Erick E., New Buffalo, Mich. Vase. 136,931; Dec. 28.
- Larson, Willard A., Preston, Idaho. Building block. 135,257; Mar. 16.
- Larsson, Ralph A. (See Zenner, W. A., and Larsson.)
- Lateana, Joseph, San Francisco, Calif. Amphibian cargo plane or similar article. 136,325; Sept. 7.
- Latimer, George W., Baltimore, Md., assignor to Foster Brothers Mfg. Co., Inc. Corner member for a sleeping berth or the like. 135,346; Mar. 30.
- Laughlin, Alice D., Gloucester, Mass. Pin or similar article. 135,157; Mar. 2.
- Lazarus, Paul, assignor to Peerless Products Company, Brooklyn, N. Y. Bubble pipe or the like article. 136,367; Sept. 14.
- Lear Avia, Inc. (See Lear, William P., assignor.)
- Lear, William P., assignor to Lear Avia, Inc., Piqua, Ohio. Linear actuator for movable parts of an airplane or the like. 136,795; Dec. 7.
- Lebaigue, Henri, Pelham, assignor to Cartier, Inc., New York, N. Y. Shopping bag. 136,560; Oct. 26.
- Lebhar, Norman J., Jr., assignor to Lily-Tulip Cup Corporation, New York, N. Y. Combined cup and dish holder or similar article. 134,809; Jan. 19.
- Le Blond, R. K., Machine Tool Company, The. (See Groene, William F., assignor.)
- Le Blond, R. K., Machine Tool Company, The. (See Srofe, Jesse, assignor.)
- Le Blond, Richard K., Cincinnati, Ohio. Feed box for bees. 135,345; Mar. 30.
- Lebow, Victor, assignor to C. H. Roth Co., Inc., New York, N. Y. Hosiers band or the like. 136,216; Aug. 24.
- Lebus, William A., assignor to Prismacolor, Inc., Chicago, Ill. Projector housing. 135,917; July 6.
- Leddy, Edward J., Columbus, Ohio. Instrument for manipulations of the spinal column. 136,669; Nov. 16.
- Lee, Bert, Hollywood, Calif. Fan propeller. 136,162; Aug. 17.
- Lee, Emma T., Utica, N. Y. Pin or similar article of jewelry. 136,466; Oct. 12.
- Leerer, Ben, New York, N. Y. Textile fabric. 134,762; Jan. 5.
- Leibowitz, Isidor, New York, N. Y. Dress. 135,372; Mar. 30.
- Leibowitz, Isidor, New York, N. Y. Dress. 135,373; Mar. 30.
- Leider, Samuel L., New York, N. Y. Toy gun. 135,774; June 8.
- Leitner, Richard G., and W. K. Rieber, assignors to Frank Rieber, Inc., West Los Angeles, Calif. Portable recorder. 136,798; Dec. 7.
- Leitner, Richard G., and W. K. Rieber, assignors to Frank Rieber, Inc., West Los Angeles, Calif. Recorder frame. 136,892; Dec. 21.
- LeLONG, Lucien, Inc. (See Buckingham, John D., assignor.)
- Lent, Constantin P., Forest Hills, N. Y. Brooch or similar article. 135,391; Mar. 30.
- Leontic, Incorporated. (See McIntosh, Frank, assignor.)
- Lenz, Norbert, assignor to L. R. Haber, doing business as Wonder Products Co., Cleveland, Ohio. Photograph receiving plaque or similar article. 134,887; Jan. 26.
- Leon, Tom L., Portland, Oreg. Compound tool. 136,670; Nov. 16.
- Lerner, S. P. (See Swain, Rae C., assignor.)
- Lester, Dudley W., Chicago, Ill. Wooden fastener. 136,735; Nov. 30.
- Leszczynski, J., and R. J. Bouscher, New York, N. Y. Stocking. 136,000; July 13.
- Le Tourneau, R. G., Inc. (See Le Tourneau, Robert G., assignor.)
- Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc., Stockton, Calif. House. 136,671; Nov. 16.
- Lett, Julian T., et al. (See Wiley, Lee M., assignor.)
- Le Veck, Max A., Dayton, Ohio. Clothesline reel. 136,783; Dec. 7.
- Levenson, Ben D., Pittsburgh, Pa. Glass jelly mold. 135,557; Apr. 27.
- Leventhal, Leon, New York, N. Y. Jacket. 136,688; Nov. 23.
- Leventhal, Leon, New York, N. Y. Jacket. 136,695; Nov. 23.
- Levine, Jesse. (See Levine, M., and J.)
- Levine, Louis C., Brooklyn, N. Y. Handbag. 136,879; Dec. 21.
- Levine, Martin, Chicago, Ill. Combined ash receiver and cigarette holder. 136,186; Aug. 17.
- Levine, Mervin and J., New York, N. Y. Tag. 136,411; Sept. 28.
- Levitt, Max, New York, N. Y. Coat or similar article. 136,551; Oct. 26.
- Levy, Arthur M., New York, assignor to Century-Oxford Manufacturing Corporation, Long Island City, N. Y. Eyeclass frame. 136,203; Aug. 24.
- Levy, Henry, New York, N. Y. Mask for dolls or similar article. 136,087; Aug. 3.
- Levy, Nat., New York, N. Y. Earring. 135,780; June 8.
- Levy, Nat., New York, N. Y. Brooch. 135,781; June 8.
- Levy, Nat., New York, N. Y. Brooch. 135,782; June 8.
- Levy, Nat., New York, N. Y. Brooch. 135,783; June 8.
- Libbey-Owens-Ford Glass Company. (See Doner, Halbert C., assignor.)
- Liberatore, Yolanda M., Chicago, Ill., assignor to Standard Safety Equipment Co. Woman's cap. 135,323; Mar. 23.
- Lichter, Joseph A., Norwalk, Conn. Handbag. 136,258; Aug. 31.
- Lily-Tulip Cup Corporation. (See Lebhar, Norman J., Jr., assignor.)
- Lima Electric Motor Company, The. (See Gideon, Wayne M., assignor.)
- Linde Air Products Company, The. (See Baird, Albert W., assignor.)
- Lindner, Eugene, Irvington, N. J. Window shade pendant. 136,672; Nov. 16.
- Lipic, Jos., Pen Co. (See Lipic, Joseph G., Jr., assignor.)
- Lipic, Joseph G., Jr., assignor to Jos. Lipic Pen Co., St. Louis, Mo. Desk ornament or similar article. 135,164; Mar. 2.
- Lion, Oscar, New York, N. Y. Wrapping paper or the like. 136,088; Aug. 3.
- Lish, Samuel, Woodmere, N. Y. Hat. 136,225; Aug. 24.
- Lish, Samuel, Woodmere, N. Y. Hat. 136,282; Aug. 31.
- Lish, Samuel, Woodmere, N. Y. Cap. 136,283; Aug. 31.
- Lish, Samuel, Woodmere, N. Y. Hat. 136,284; Aug. 31.
- Little, John M., Toledo, Ohio. Pneumatic motor unit. 136,743; Nov. 30.
- Little, Mathew, Walla Walla, Wash. Violin. 135,692; May 18.
- Locke Stove Company. (See Esson, Edwin, assignor.)
- Lockheed Aircraft Corporation. (See Hibbard, H. L., and Johnson, assignors.)
- Loeb, Ernest, Jamaica, N. Y. Cover opening key for waterproof watches or similar articles. 136,512; Oct. 19.
- Loewy, Raymond, assignor to House of Westmore Inc., New York, N. Y. Bottle. 135,803; June 8.

- Loewy, Raymond G. F., Sands Point, N. Y., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Locomotive body. 136,259; Aug. 31.
- Loewy, Raymond G. F., Sands Point, N. Y., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Locomotive body. 136,260; Aug. 31.
- Loewy, Raymond G. F., Sands Point, N. Y., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Locomotive body. 136,261; Aug. 31.
- Logan Engineering Co. (See Logan, Henry H., assignor.)
- Logan, Henry H., assignor to Logan Engineering Co., Chicago, Ill. Bench for lathes or the like. 136,689; May 11.
- Long, Hiram A., Providence, R. I., assignor to Isis, Inc. Jewelry package. 136,696; Nov. 23.
- Lopez, Grace W., Stepeny, Conn., assignor to Heirloom Needlework Guild, Inc., New York, N. Y. Doll. 136,720; Nov. 30.
- Lopez, Grace W., Stepeny, Conn., assignor to Heirloom Needlework Guild, Inc., New York, N. Y. Doll. 136,721; Nov. 30.
- Lorenzen, Roger E., Niles, Mich. Dial for aircraft attitude indicating device. 136,099; Aug. 3.
- Love, Peace, New York, N. Y. Brooch or similar article. 134,879; Jan. 26.
- Louis, Lazare, New York, N. Y. Vestee scarf. 136,680; Nov. 16.
- Loy, John G., assignor to Porcelain Products, Inc., Findlay, Ohio. Wall box. 135,527; Apr. 20.
- Lowe, Samuel, Company. (See Herz, Erwin, assignor.)
- Lubkin, Abraham, New York, N. Y. Brush. 134,797; Jan. 12.
- Luen Lelong, Inc. (See Buckingham, John D., assignor.)
- Luckiesh, Matthew, Shaker Heights, Ohio. Incandescent lamp. 136,640; Nov. 9.
- Lueders, Arthur K., St. Paul, Minn. Folding lamp shade. 135,496; Apr. 13.
- Luger, Kenneth E., Minneapolis, Minn. Clothes-drying rack. 136,015; July 20.
- Lun, George H., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone booth. 135,617; May 4.
- Lundquist, Hazel M., San Francisco, Calif. Spring hair curl clip. 135,820; June 15.
- Luz, Andrew, Lowell, Mass. Receptacle for fire extinguishing material. 136,318; Sept. 7.
- Lynch, Edward S., Yonkers, N. Y. Glass tumbler or similar article. 136,520; Oct. 19.
- Lynch, Harold J., New York, N. Y., assignor to The Corbin Company. Brooch. 136,893; Dec. 21.
- Lyon, Harold J., Los Angeles, Calif. Combined pendant wallet and dog tag holder. 136,753; Nov. 30.
- Lyons, William, Novelty Co. Inc. (See Lyons, William, assignor.)
- Lyons, William, Lynbrook, assignor to William Lyons Novelty Co. Inc., New York, N. Y. Combination mirror and tissue dispenser. 135,097; Feb. 23.
- Lyons, William, Lynbrook, assignor to William Lyons Novelty Co. Inc., New York, N. Y. Mirror headed curtain tieback. 136,217; Aug. 24.
- MacKinnon, Margaret D., North Hollywood, Calif. Brooch or similar article. 136,384; Sept. 21.
- Mackintosh-Hemphill Company. (See McConnell, William M., assignor.)
- Macy, R. H., & Co. (See Karpel, Rosalyn Z., assignor.)
- Madan, Edward K., Maplewood, N. J. Medallion. 134,985; Feb. 9.
- Madsen Iron Works. (See Madsen, Walter M., assignor.)
- Madsen, Walter M., Alhambra, assignor to Madsen Iron Works, Huntington Park, Calif. Aggregate mixer arm. 134,055; July 27.
- Magee, Beverly, Agawam, Mass. Screwdriver or similar article. 135,184; July 6.
- Magnuson, A., et al. (See Magnuson, Raymond A., assignor.)
- Magnuson, R. A., et al. (See Magnuson, Raymond A., assignor.)
- Magnuson, Raymond A., assignor to R. A. Magnuson, A. Magnuson, and E. Peterson, co-partners, doing business as Vogel-Peterson Co., Chicago, Ill. Garment rack. 135,241; Mar. 16.
- Maguin, Margarita M., New York, N. Y. Drinking glass. 136,616; Nov. 9.
- Mahon, Benedict, Stirling, N. J. Combined picture and photograph frame. 135,120; Feb. 23.
- Malsch, Jacques E., New York, N. Y. Textile fabric. 136,345; Sept. 14.
- Majewski, Joseph M., Jr. (See Payne, C. M., and Majewski, Jr.)
- Makrines, James K., Longmeadow, assignor to National Paper Box Co. Inc., West Springfield, Mass. Knock-down toy cradle. 136,066; July 27.
- Malmstead, Lillian, New York, N. Y. Brassiere or similar article. 135,923; July 6.
- Manning, Frank B., University City, Mo. Clothes-washing stirrer or the like. 136,661; Nov. 16.
- Manning, Willis L., Park Ridge, assignor to Burgess Battery Company, Freeport, Ill. Telephone booth or the like. 136,134; Aug. 10.
- Marathon Paper Mills Company. (See Hoffmaster, Byron T., assignor.)
- Marchand, Adolph, Jackson Heights, N. Y. Cabinet door. 135,654; May 11.
- Marek, Waldo T., Minneapolis, Minn. Lighting fixture. 136,797; Dec. 7.
- Marek, Jessie E., Berwyn, Ill. Doll. 136,163; Aug. 17.
- Maretta Chair Company. (See Fletcher, C. B., and Nordby, assignors.)
- Marine Optical Mfg. Co. (See Ditton, Hugo M., assignor.)
- Markesinis, Konstantinos, Barry Dock, England. Protecting ferrule for boiler fire and smoke tubes. 136,855; Dec. 14.
- Markham, Irving, Woodmere, N. Y. Toy trunk. 136,915; Dec. 28.
- Marovich, Daniel, Oakland, Calif., assignor to National Foundation for Infantile Paralysis, New York, N. Y. Display stand. 135,558; Apr. 27.
- Marracini, Philip. (See Cusick, C. F., and Marracini.)
- Marschner, Charles F., assignor to McDonnell Aircraft Corporation, St. Louis, Mo. Plastic bonding strip for fabric covered structures. 135,578; Apr. 27.
- Marshall, Iola G., Oakland, Calif. Vase or similar vessel. 136,475; Oct. 12.
- Martin, Glenn L., Company, The. (See Martin, Glenn L., assignor.)
- Martin, Glenn L., assignor to The Glenn L. Martin Company, Baltimore, Md. Lapel pin or the like. 134,875; Jan. 26.
- Martin, Guss, Bloomington, Ind. Apron. 135,949; July 6.
- Martin, William, Chicago, Ill. Picture frame. 136,932; Dec. 28.
- Marvel Slide Fastener Corporation. (See Norkin, Morris, assignor.)
- Mas, George N., Washington, D. C. Fibrous cap for containers. 135,997; July 13.
- Mas, George N., Washington, D. C. Fibrous cap for containers. 136,002; July 13.
- Mas, George N., Washington, D. C. Fibrous cap for container. 136,350; Sept. 14.
- Mas, George N., Washington, D. C. Sealing stopper for bottles. 136,627; Nov. 9.
- Mas, George N., Washington, D. C. Bottle cap. 136,628; Nov. 9.
- Mas, George N., Washington, D. C. Bottle cap. 136,629; Nov. 9.
- Mason, Ray M., Lemont, Ill. Patriotic badge. 135,754; June 1.
- Mason, Ray M., Lemont, Ill. Patriotic badge. 135,755; June 1.
- Massey-Harris Company, The. (See Everett, Charles E., assignor.)
- Massey, Thomas H., Smithfield, Va. Locket. 136,270; Aug. 31.
- Maslie, Lewis E., Culver City, Calif. Relay. 136,187; Aug. 17.
- Masterson, Charles T., East Cleveland, Ohio, assignor to General Electric Company. Lighting fixture. 136,453; Oct. 5.
- Masterson, Charles T., East Cleveland, Ohio, assignor to General Electric Company. Lighting fixture. 136,641; Nov. 9.
- Mastrangelo, Frank, Fitchburg, Mass. Settee. 135,287; Mar. 23.
- Mastrangelo, Frank, Fitchburg, Mass. Dining booth unit. 136,271; Aug. 31.
- Matias, Ariston, Honolulu, Hawaii. Handbag. 136,285; Aug. 31.
- Matfies, Alfred V., San Diego, Calif. Magazine rack. 136,051; July 27.
- Matignon, Edmond C., Oakland, Calif. Nail or similar article. 135,662; May 11.
- Matta, John J., McKeesport, Pa. Game board. 136,784; Dec. 7.
- Maurette, René G., Beverly, assignor to Sylvania Electric Products Inc., Salem, Mass. Lighting fixture. 136,521; Oct. 19.
- Maxwell, Paul M., Manhasset, N. Y., and W. J. Russey, Jersey City, N. J., assignors to Hat Corporation of America, Norwalk, Conn. Hat. 134,964; Feb. 2.
- Maxwell, Paul M., Manhasset, N. Y., and W. J. Russey, Jersey City, N. J., assignors to Hat Corporation of America, Norwalk, Conn. Hat. 135,146; Mar. 2.
- Maxwell, Paul M., Manhasset, N. Y., and W. J. Russey, Jersey City, N. J., assignors to Hat Corporation of America, Norwalk, Conn. Cap. 135,437; Apr. 6.
- Maxwell, Paul M., Manhasset, N. Y., and W. J. Russey, Jersey City, N. J., assignors to Hat Corporation of America, Norwalk, Conn. Cap. 135,439; Apr. 6.
- Maxwell, Paul M., Manhasset, N. Y., and W. J. Russey, Jersey City, N. J., assignors to Hat Corporation of America, Norwalk, Conn. Cap cover. 136,884; Dec. 21.
- Mayer, Michael, Cleveland, Ohio. Combined ash tray and safety match holder. 135,934; July 6.
- Mayer, Paul M. E., New York, N. Y. Combined bottle and cap. 136,351; Sept. 14.
- Maynard, Alda L., Otis Orchards, Wash. Animal figure. 134,759; Jan. 6.
- Mayo, Clarence M., Oklahoma City, Okla. Wrench or similar article. 135,845; June 22.
- Mazur, Paul M., et al. (See Kramar, Ferdinand, assignor.)
- Mazzarelli, Augustine M., New York, N. Y. Pouring spout for bottles. 135,796; June 8.
- McCarty-Sherman Distributing Corporation. (See Anderson, Marshall S., assignor.)

- McConnell, William M., McKeesport, assignor to Mackintosh-Hemphill Company, Pittsburgh, Pa. Housing for rapid traverse mechanism for lathes. 135,741; June 1.
- McConnell, William M., McKeesport, assignor to Mackintosh-Hemphill Company, Pittsburgh, Pa. Lathie carriage. 135,742; June 1.
- McConnell, William M., McKeesport, assignor to Mackintosh-Hemphill Company, Pittsburgh, Pa. Tailstock for lathes. 135,904; June 29.
- McConnell, William M., McKeesport, assignor to Mackintosh-Hemphill Company, Pittsburgh, Pa. Headstock for lathes. 135,905; June 29.
- McCowan, David A., Toronto, Ontario, Canada. Display stand. 135,205; Mar. 9.
- McCoy, Marion, St. Louis, Mo. Dress. 134,889; Jan. 26.
- McCoy, Marion, St. Louis, Mo. Dress. 134,890; Jan. 26.
- McCoy, Marion, St. Louis, Mo. Dress. 134,907; Jan. 26.
- McCoy, Marion, St. Louis, Mo. Dress. 134,908; Jan. 26.
- McCoy, Marion, St. Louis, Mo. Dress. 134,909; Jan. 26.
- McCoy, Marion, St. Louis, Mo. Dress. 134,910; Jan. 26.
- McCoy, Marion, St. Louis, Mo. Dress. 134,911; Jan. 26.
- McCoy, Marion, St. Louis, Mo. Dress. 134,912; Jan. 26.
- McCoy, Marion, St. Louis, Mo. Dress. 134,913; Jan. 26.
- McCoy, Marion, St. Louis, Mo. Dress. 136,239; Aug. 24.
- McCoy, Marion, St. Louis, Mo. Dress. 136,240; Aug. 24.
- McCoy, Marion, St. Louis, Mo. Dress. 136,243; Aug. 24.
- McCoy, Marion, St. Louis, Mo. Dress. 136,244; Aug. 24.
- McCoy, Marion, St. Louis, Mo. Dress. 136,245; Aug. 24.
- McCoy, Marion, St. Louis, Mo. Dress. 136,286; Aug. 31.
- McCoy, Marion, St. Louis, Mo. Dress. 136,287; Aug. 31.
- McCoy, Marion, St. Louis, Mo. Dress. 136,288; Aug. 31.
- McCoy, Marion, St. Louis, Mo. Dress. 136,289; Aug. 31.
- McCoy, Marion, St. Louis, Mo. Dress. 136,290; Aug. 31.
- McCoy, Marion, St. Louis, Mo. Dress. 136,291; Aug. 31.
- McCoy, Marion, St. Louis, Mo. Dress. 136,292; Aug. 31.
- McCoy, Marion, St. Louis, Mo. Dress. 136,338; Sept. 14.
- McCoy, Marion, St. Louis, Mo. Dress. 136,396; Sept. 21.
- McCoy, Marion, St. Louis, Mo. Dress. 136,461; Oct. 12.
- McCoy, Marion, St. Louis, Mo. Dress. 136,541; Oct. 19.
- McCullough, Jack A. (See Eitel, W. A., and McCullough.)
- McCullough, Jack A. (See Eitel, W. A., and McCullough.)
- McCullough, Samuel G., Narragansett, R. I. Ice skate. 135,462; Apr. 13.
- McDonnell Aircraft Corporation. (See Marschner, Charles F., assignor.)
- McGee, Joseph W., New York, N. Y. Combined heel, elongated shank, and sole. 135,864; June 22.
- McGill Manufacturing Company. (See Popp, Rudolf, assignor.)
- McIntosh, Frank, assignor to Lenthier, Incorporated, New York, N. Y. Bottle. 135,293; Mar. 23.
- McIntosh, Frank, assignor to Lenthier, Incorporated, New York, N. Y. Talc container or the like. 135,618; May 4.
- McIntosh, Frank, assignor to Lenthier, Incorporated, New York, N. Y. Bottle. 135,679; May 11.
- McKee Glass Company. (See Poglein, Louis, assignor.)
- McKinney, Harris D., Bucks County, assignor to Proctor & Schwartz, Inc., Philadelphia, Pa. Combined flatiron and lamp housing. 135,022; Feb. 9.
- McLaren, Roy W., Oaklyn, N. J. Aligning and holding bracket for plate welding operations. 135,425; Apr. 6.
- McLeod, Alan N., Detroit, Mich. Razor. 136,508; Oct. 12.
- McManigal, Robert M., et al. (See Eubanks, Floyd G., assignor.)
- Mead, Lydia, New York, N. Y. Doll or the like. 134,891; Jan. 26.
- Medgyes, Ladislav, assignor to Helena Rubinstein, Inc., New York, N. Y. Decalcomania transfer sheet or the like. 135,499; Apr. 13.
- Meltzer, Jack, New York, N. Y. Sandal or similar article. 136,513; Oct. 19.
- Mercer, Nicholas A., New York, N. Y. Wrist watch strap. 136,736; Nov. 30.
- Mercant, Meta, New York, N. Y. Hat or similar article. 135,588; Apr. 27.
- Merton, Percy, Hillsdale, N. J. Emblematic poster. 135,062; Feb. 16.
- Messinger, Harold L., assignor of one-half to L. P. Romano, Los Angeles, Calif. Swimming propeller. 135,331; Mar. 23.
- Metcalf, Leroy, North Attleboro, assignor to Plainville Stock Company, Plainville, Mass. Display stand or like article. 134,774; Jan. 12.
- Meyer, Arnold F., Pewaukee, assignor to The Hell Co., Milwaukee, Wis. Tank vehicle. 136,701; Nov. 23.
- Meyer, Arnold F., Pewaukee, assignor to The Hell Co., Milwaukee, Wis. Tank vehicle. 136,702; Nov. 23.
- Meyer, Arnold F., Pewaukee, assignor to The Hell Co., Milwaukee, Wis. Tank vehicle. 136,703; Nov. 23.
- Meyer, Arnold F., Pewaukee, assignor to The Hell Co., Milwaukee, Wis. Tank vehicle. 136,704; Nov. 23.
- Meyer, Arnold F., Pewaukee, assignor to The Hell Co., Milwaukee, Wis. Tank vehicle. 136,705; Nov. 23.
- Meyer, Henry J., Briarcliff Manor, N. Y. Rocking horse. 136,181; Aug. 17.
- Meyer, Joseph J., assignor to G-H Specialty Company, Milwaukee, Wis. Dog bed. 135,242; Mar. 16.
- Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Cabinet for an amusement apparatus. 135,405; Apr. 6.
- Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Cabinet for an amusement apparatus. 135,408; Apr. 6.
- Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Amusement apparatus. 135,407; Apr. 6.
- Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Cabinet for an amusement apparatus. 135,408; Apr. 6.
- Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Cabinet for an amusement apparatus. 135,409; Apr. 6.
- Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Amusement apparatus. 135,410; Apr. 6.
- Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Amusement apparatus. 135,411; Apr. 6.
- Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Cabinet for a vending machine. 135,412; Apr. 6.
- Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Switch enclosure. 135,528; Apr. 20.
- Meyer, Martha, assignor to L. Forestier, Paterson, N. J. Textile fabric. 134,819; Jan. 19.
- Meyer, Maximilian C., Brooklyn, N. Y. Display stand for cartons, containers, or the like. 134,721; Jan. 6.
- Meyer, Maximilian C., Brooklyn, N. Y. Display stand. 134,861; Jan. 26.
- Meyer, Maximilian C., Brooklyn, N. Y. Jewelry pin. 134,888; Jan. 26.
- Meyer, Maximilian C., Brooklyn, N. Y. Jewelry pin. 134,977; Feb. 9.
- Meyer, Maximilian C., Brooklyn, N. Y. Jewelry pin. 135,301; Mar. 23.
- Meyer, Maximilian C., Brooklyn, N. Y. Jewelry pin or similar article. 135,317; Mar. 23.
- Meyer, Maximilian C., Brooklyn, N. Y. Earring. 135,318; Mar. 23.
- Meyer, Maximilian C., Brooklyn, N. Y. Jewelry pin or similar article. 136,419; Oct. 5.
- Meyer, Maximilian C., Brooklyn, N. Y. Jewelry pin or similar article. 136,420; Oct. 5.
- Meyer, Maximilian C., Brooklyn, N. Y. Jewelry pin or similar article. 136,421; Oct. 5.
- Meyer, Maximilian C., Brooklyn, N. Y. Earring. 136,422; Oct. 5.
- Michael, William E., Chicago, Ill. Clasp. 135,629; May 4.
- Michtom, Benjamin F., New Rochelle, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Stuffed toy animal unit. 135,355; Mar. 30.
- Michtom, Benjamin F., New Rochelle, assignor to Ideal Novelty & Toy Co., Long Island City, N. Y. Stuffed toy animal unit. 135,356; Mar. 30.
- Micro-Master Company. (See Nelson, Peter N., assignor.)
- Micro Switch Corporation. (See Fetter, Norman C., assignor.)
- Micro Switch Corporation. (See Kaminky, Oscar H., assignor.)
- Mikesell, Herbert S., Richmond, Ind. Banner or the like. 135,663; May 11.
- Milburn Mills, Inc. (See Kingson, Justin I., assignor.)
- Mildwoff, George H., New York, N. Y. Table. 135,508; Apr. 20.
- Miles, Majel J., New York, N. Y. Bathing suit or similar article. 135,670; May 11.
- Miller, Arthur P., New Kensington, Pa. Cutlery holder or similar article. 135,185; Mar. 9.
- Miller, Arthur P., New Kensington, Pa. Cutlery holder or similar article. 135,186; Mar. 9.
- Miller, Edward L., Moline, Ill., assignor to American Machine and Metals, Inc., New York, N. Y. Washing machine or similar article. 136,552; Oct. 26.
- Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Generative cutting machine. 136,816; Dec. 7.
- Miller, Everett J., assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Applique or similar article. 134,919; Jan. 26.
- Miller, Henry M., assignor to Scovill Manufacturing Company, Waterbury, Conn. Spanner wrench. 135,158; Mar. 2.
- Miller, Norman P., West Los Angeles, Calif. Barbecue table. 135,975; July 13.
- Miller, Warren P., Anderson, Ind. Framework for physical and recreational training. 135,935; July 6.

- *Millermaster, Ralph A., Whitefish Bay, and A. A. Writtmann, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Fuse holder. 136,522; Oct. 19.
- Mills, Howard V., Mount Gilead, Ohio, assignor to The Hydraulic Development Corporation Inc., Wilmington, Del. Hydraulic press. 135,821; June 15.
- Milwaukee Electric Tool Corporation. (See Beckwith, Wendell K., assignor.)
- Minchenberg, David, New York, N. Y. Dress. 134,703; Jan. 5.
- Mine Safety Appliances Company. (See Van Vactor, Benjamin H., assignor.)
- Minneapolis-Honeywell Regulator Company. (See Dreyfuss, Henry, assignor.)
- Minneapolis-Honeywell Regulator Company. (See Thoresen, George A., assignor.)
- Miskley, John J., Yonkers, assignor to Baron & Arnoff, Inc., New York, N. Y. Savings bank. 135,063; Feb. 16.
- Mitchell, Benjamin, Los Angeles, Calif. Condiment holder. 134,775; Jan. 12.
- Mitchell, Donald H., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Portable radio device. 135,540; Apr. 20.
- Mitchell, Merlin, Orlando, Fla. Bumper bar or the like. 134,943; Feb. 2.
- Mizelle, Sylvester T., Jr., Oakland, Maine. Corn scraper or similar article. 135,587; Apr. 27.
- Monart Motors, Inc. (See Stevens, Clifford B., assignor.)
- Moncé, Amy, New York, N. Y. Hat. 135,822; June 15.
- Monroe Calculating Machine Company. (See Crosman, Loring P., assignor.)
- Montano, Jesus R., Earlimart, Calif. Hand grenade. 135,561; Mar. 30.
- Montgomery Ward & Co. (See Bartmess, Russell S., assignor.)
- Montgomery Ward & Co. (See Swainson, Anne, assignor.)
- Moon, Herbert J., Granite City, Ill., assignor to National Enameling & Stamping Company, Milwaukee, Wis. Cooking stove. 134,798; Jan. 12.
- Moore, George H., Brooklyn, N. Y. Badge or similar article. 135,529; Apr. 20.
- Moore, Sam, and Company. (See Moore, S. D., and Rowe, assignors.)
- Moore, Sam, & Company. (See Moore, Samuel D., and Rowe, assignors.)
- Moore, Samuel D., Cleveland Heights, and T. S. Rowe, Twin Lakes, assignors to Sam Moore and Company, Cleveland, Ohio. Floor covering for buses or the like. 136,716; Nov. 23.
- Moore, Samuel D., Cleveland Heights, and T. S. Rowe, Twin Lakes, assignors to Sam Moore & Company, Cleveland, Ohio. Mat or the like. 136,717; Nov. 23.
- Moran, James J., assignor to Kimble Glass Company, Vineland, N. J. Bottle stopper. 135,105; Feb. 23.
- Moran, Ralph V., Bradford, Pa. Coin bank. 135,671; May 11.
- Moran, Ralph V., Bradford, Pa. Coin bank. 135,672; May 11.
- Morando, Emanuel R., New York, N. Y. Combined spool holder, thimble, and scissors. 136,763; Nov. 30.
- Morford, Henry S., Hempstead, assignor to J. H. Thorp & Co., Inc., New York, N. Y. Textile fabric or similar article of manufacture. 135,064; Feb. 16.
- Morgan, Albert W., Boston, Mass. Game board. 134,862; Jan. 26.
- Morow, Rose, Washington, D. C. Doughnut or the like. 136,111; Aug. 3.
- Morner, Hans G., New York, N. Y. Watertight bag. 135,726; May 25.
- Morris, John J., New York, N. Y. Paper weight. 135,756; June 1.
- Morris, Bert M., Los Angeles, Calif. Fountain pen section. 136,074; July 27.
- Morris, Harry, Chicago, Ill. Compact or similar article. 135,924; July 6.
- Morris, Harry, Chicago, Ill. Handbag. 136,353; Sept. 14.
- Morris, Hewitt S., Manhasset, N. Y. Vacuum cleaner. 135,982; July 13.
- Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Domestic water heater. 135,083; Feb. 23.
- Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Heat-absorbing water conduit for tank water heaters. 135,055; May 19.
- Morse, Clarence W., Santa Monica, Calif. Compressor member for a paper fastener. 135,919; July 6.
- Morten, Winfield. (See Pettigrew, H. F., and Morten.)
- Mortimer, Albert, Superior, Wis. Vehicle body. 134,944; Feb. 2.
- Moskowitz, Max, Bronx, N. Y. Mop swab holder. 135,976; July 13.
- Mossberg, Frank, Attleboro, Mass. Bottle opener. 136,124; Aug. 10.
- Moye, Barbara, New York, N. Y. Jacket. 134,846; Jan. 19.
- Moye, Barbara, New York, N. Y. Dress. 134,847; Jan. 19.
- Moye, Barbara, New York, N. Y. Dress. 134,848; Jan. 19.
- Moye, Barbara, New York, N. Y. Jacket. 134,892; Jan. 26.
- Moye, Barbara, New York, N. Y. Dress. 134,960; Feb. 2.
- Moye, Barbara, New York, N. Y. Jacket. 134,973; Feb. 2.
- Moye, Barbara, New York, N. Y. Dress. 135,233; Mar. 9.
- Moye, Barbara, New York, N. Y. Dress. 135,272; Mar. 16.
- Moye, Barbara, New York, N. Y. Jacket. 135,501; Apr. 13.
- Moye, Barbara, New York, N. Y. Jacket. 136,241; Aug. 24.
- Moye, Barbara, New York, N. Y. Jacket. 136,242; Aug. 24.
- Mueller, Joseph J., St. Joseph, Mich. Lifting jack. 135,991; July 13.
- Muller, Rose M., Port Washington, N. Y. Vegetable grater. 136,662; Nov. 16.
- Mullner, Joseph C., assignor of one-half to Ludwig Mullner, St. Paul, Minn. Automobile ventilator insect screen. 136,527; Oct. 19.
- Mullner, Ludwig. (See Mullner, Joseph C., assignor.)
- Munsingwear, Inc. (See Stephens, Zoma A., assignor.)
- Munson, Ralph H., St. Paul, Minn. Combined camera and grip holder therefor. 135,037; Feb. 16.
- Murphy, Gerald, assignor to Mark Cross Company, New York, N. Y. Knitting bag or the like. 135,258; Mar. 16.
- Murphy, Gerald, assignor to Mark Cross Company, New York, N. Y. Handbag for similar article. 136,747; Nov. 30.
- Murphy, William H., Executor. (See Nash, James, assignor.)
- Murray, D. J., Manufacturing Co. (See Gray, Newenham A., assignor.)
- Murray, Herman D., assignor to Woodlin Metal Products Company, Marshall, Mich. Rotatable ventilator. 136,467; Oct. 12.
- Murray, Margaret E., New York, N. Y. Blouse or similar article. 136,817; Dec. 7.
- Mutch, James B., assignor to Scheiter Last Co., Inc., Rochester, N. Y. Shoe tree. 135,936; July 6.
- Mutch, James B., assignor to Wood Items, Inc., Rochester, N. Y. Shoe horn. 136,303; Sept. 7.
- Mutual-Samuel Card Corporation. (See Wollenberger, Alfred, assignor.)
- Myers, Lewis C., Freeport, assignor to Royal Typewriter Company, Inc., New York, N. Y. Mask for typewriting machines. 136,754; Nov. 30.
- Myers, Raymond J., Detroit, Mich. Interior partition structure. 135,362; Mar. 30.
- Mynors, Eirane, Washington, D. C. Lady's belt or similar article. 134,820; Jan. 19.
- Mynors, Eirane, Washington, D. C., assignor to Stelzer Brothers, Inc. Lady's belt or similar article. 135,206; Mar. 9.
- Naranick, Nicholas T., U. S. Army, Casper, Wyo. Ration container. 135,249; Mar. 16.
- Naranick, Nicholas T., U. S. Army, Casper, Wyo. Ration container. 135,568; Apr. 27.
- Naranick, Nicholas T., U. S. Army, Casper, Wyo. Ration container. 135,619; May 4.
- Naranick, Nicholas T., U. S. Army, Casper, Wyo. Ration container. 135,630; May 4.
- Naranick, Nicholas T., U. S. Army, Casper, Wyo. Ration container. 135,631; May 4.
- Naranick, Nicholas T., U. S. Army, Casper, Wyo. Ration container. 135,804; June 8.
- Naranick, Nicholas T., United States Army, Casper, Wyo. Holder for ration container. 135,835; June 16.
- Nash, James, Sheboygan, Wis., assignor to W. H. Murphy, executor of H. De Lisle, deceased, doing business as Engineering Sales Company, Sheboygan, Wis. Parallel ruler. 136,423; Oct. 5.
- Nassour Bros., Inc., Ltd. (See Hauptman, Wesley R., assignor.)
- National Enameling & Stamping Company. (See Moon, Herbert J., assignor.)
- National Foundation for Infantile Paralysis. (See Marovich, Daniel, assignor.)
- National Paper Box Co. Inc. (See Makrianes, James K., assignor.)
- National Plaque Specialties Co. (See Rosier, Philip G.)
- National Pressure Cooker Company. (See Wittenberg, Edward H., assignor.)
- National Tite Company. (See Steinbicker, C. G., and Butler, assignors.)
- Nathanson, Eve, Warwick, R. I. Jewelry finding. 136,744; Nov. 30.
- Neary, Francis B., Rochester, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Pair of spectacles. 135,140; Mar. 2.
- Neef, Frederick E., Jr., U. S. Army, Baltimore, Md. Fuel dispensing unit. 135,687; May 18.
- Nelson, Peter N., assignor to Micro-Master Company, Chicago, Ill. Indicating calipers. 135,757; June 1.
- Nevin, John A., Wichita, Kans. Puzzle board. 135,743; June 1.
- New Enterprises. (See Flynt, Robert C.)
- New, Fred M., New York, N. Y. Case for cigarettes or the like. 136,319; Sept. 7.
- Nichols, John P., Philadelphia, Pa. Shelfed bracket. 135,775; June 8.
- Nielsen, George B., Staten Island, N. Y. Jewelry finding or the like. 135,620; May 4.
- Noel, Henry D., New York, N. Y. Supporting device for a dish, plate, or the like. 136,462; Oct. 12.

- Nordby, Peter J. (See Fletcher, C. B., and Nordby.)
- Nordmark, Walter, assignor to American Seating Company, Grand Rapids, Mich. Folding chair. 134,863; Jan. 26.
- Nordquist, Robert G., Oak Park, assignor to Patent Licensing Corporation, Chicago, Ill. Light shield. 136,026; July 20.
- Nordquist, Robert G., Oak Park, assignor to Patent Licensing Corporation, Chicago, Ill. Bracket supported light fixture. 136,027; July 20.
- Norkin, Morris, assignor to Marvel Slide Fastener Corporation, New York, N. Y. Slide fastener stringer. 136,125; Aug. 10.
- Norris, Lannie F., Minneapolis, Minn. Milk dispenser. 135,000; Feb. 9.
- Norris, Lannie F., Minneapolis, Minn. Milk can. 135,454; Apr. 6.
- Norris, Robert B., St. Louis Park, assignor to Schaefer, Inc., Minneapolis, Minn. Dispensing cabinet. 136,370; Sept. 21.
- Norton, Leland D., Bridgeport, Conn., and C. K. Wilson, Hollis, assignors to Dictaphone Corporation, New York, N. Y. Combined stand and induction device for telephones. 135,891; June 29.
- Novick, William, Brooklyn, N. Y. Cloth covered concave eyelet button. 135,559; Apr. 27.
- Novikoff, George J., Baltimore, Md. Airplane or similar article. 136,078; Aug. 3.
- O'Brien, Richard M., Arlington Heights, Ill. Grate. 135,858; June 22.
- Obstfeld, Abraham I. (See Obstfeld, Lou, assignor.)
- Obstfeld, Lou, Brooklyn, assignor of one-half to A. J. Obstfeld, New York, N. Y. Invertible statuette. 134,821; Jan. 19.
- Obzary, Theodore, Chicago, and J. J. Rowell, Prospect Heights, assignors to Guardian Electric Manufacturing Co., Chicago, Ill. Airplane control wheel. 135,167; Mar. 2.
- Ochs, Alfred, New York, N. Y. Shrine. 135,363; Mar. 30.
- O'Connell, Peter T., New York, N. Y. Flag or the like. 135,304; Mar. 30.
- O'Connor, Frank J., Dwight, Ill. Gold star memorial plaque. 136,581; Oct. 26.
- Odencrantz, William A. (See Jorgensen, C. W., and Odencrantz.)
- Oehrlie, Walter, Pelham, assignor to The Borden Company, New York, N. Y. Pitcher or similar article. 136,262; Aug. 31.
- Oeschger, Max P., Red Bank, N. J., assignor to Oscar Embroidery Co., New York, N. Y. Embroidered lace. 134,929; Feb. 2.
- Oestreicher, Sally, Akron, Ohio. Combined ash tray and match box holder. 135,836; June 15.
- O'Hara, Fred H., Norwich, N. Y. Shirt or similar article. 134,755; Jan. 12.
- Ohio Leather Company. (See Becker, F. H., and Peabody, assignors.)
- Oliver, Lon J., Chillicothe, Ohio. Bread knife or similar article. 136,182; Aug. 17.
- Olowiecki, Jack, Chicago, Ill. Holder for fishing poles or the like. 136,850; Dec. 14.
- Onsrud Machine Works, Inc. (See Onsrud, Rudolph F., assignor.)
- Onsrud, Rudolph F., assignor to Onsrud Machine Works, Inc., Chicago, Ill. Milling machine. 135,688; May 18.
- Oppenheim, Ruth C., New York, N. Y. Table scarf or similar article. 135,065; Feb. 16.
- Oppenheim, Ruth C., New York, N. Y. Table scarf or similar article. 135,167; Mar. 9.
- Oppenheim, Ruth C., New York, N. Y. Table scarf or similar article. 135,438; Apr. 6.
- Oppenheim, Stanley J., New York, N. Y. Table scarf or similar article. 136,067; July 27.
- Ording, Dagbert and L. S. Vallely, assignors to Valco, Inc., Houston, Tex. Supporting tower for tanks or the like. 134,961; Feb. 2.
- Orloff, Max, New York, N. Y. Dress. 135,767; June 1.
- Oscar Embroidery Co. (See Oeschger, Max P., assignor.)
- Osmun, Ralph H., Dayton, Ohio. Nasal douche. 136,885; Dec. 21.
- Ost, Donald E., Glen Ellyn, assignor to Container Corporation of America, Chicago, Ill. Carton. 135,294; Mar. 23.
- O'Sullivan, Doris E., Rockville Centre, N. Y. Schedule recording board. 134,740; Jan. 6.
- Otto, William H., San Francisco, Calif. Hubcap tool. 135,426; Apr. 6.
- Ours, Fred, Denver, Colo. Paper clip. 135,814; June 15.
- Owen, Ira J., Laguna Beach, Calif., assignor of one-third to J. H. Kiel and one-third to R. B. Kiel, Wilmette, Ill. Casing for a carpet sweeper or similar article. 136,293; Aug. 31.
- Oya, Shizuko S., Honolulu, Hawaii. Perfume container. 136,553; Oct. 26.
- Oya, Shizuko S., Honolulu, Hawaii. Belt. 136,564; Oct. 26.
- Oya, Shizuko S., Honolulu, Hawaii. Perfume container or the like. 136,592; Nov. 2.
- Packwood, George H., Jr., Glencoe, Mo. Soap dispenser or the like. 135,463; Apr. 13.
- Padgett, Jesse D., Dallas, Tex. Check strap. 136,320; Sept. 7.
- Page, George A., Jr., Creve Coeur, Mo. Airplane. 136,100; Aug. 3.
- Paige, Fred O., Philadelphia, Pa. Set of game pieces. 136,454; Oct. 5.
- Palmieri, Libero, New York, N. Y. Washing machine for dishes and glasses. 135,250; Mar. 16.
- Panish, Erwin J., Bridgeport, Conn. Triple handle controller. 135,950; July 6.
- Panther-Panco Rubber Co. (See Bernstein, Maurice J., assignor.)
- Pappert, Emanuel. (See Fishberger, Isidor, assignor.)
- Parisi, Anthony, Brooklyn, N. Y. Finger ring. 135,222; Mar. 9.
- Park, Malcolm S., Mount Kisco, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Vacuum cleaner casing. 135,001; Feb. 9.
- Park, Malcolm S., Mount Kisco, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 136,397; Sept. 21.
- Parke, Alfred, Oak Park, Ill., assignor to W. L. Stensgaard & Associates, Inc. Scooter. 135,159; Mar. 2.
- Parker, Samuel E., Dunkirk, Ind. Combined picture frame and salad plate. 135,560; Apr. 27.
- Parker, Thomas J., Oakland, Ind. Toy. 135,295; Mar. 23.
- Parnis, Mollie, New York, N. Y. Dress. 134,764; Jan. 5.
- Parnis, Mollie, New York, N. Y. Dress. 134,765; Jan. 5.
- Parnis, Mollie, New York, N. Y. Dress. 134,766; Jan. 5.
- Parnis, Mollie, New York, N. Y. Dress. 134,767; Jan. 5.
- Parnis, Mollie, New York, N. Y. Dress. 134,768; Jan. 5.
- Parnis, Mollie, New York, N. Y. Dress. 135,066; Feb. 16.
- Parnis, Mollie, New York, N. Y. Coat. 136,449; Oct. 5.
- Parnis, Mollie, New York, N. Y. Raincoat. 136,450; Oct. 5.
- Parnis, Mollie, New York, N. Y. Suit. 136,554; Oct. 26.
- Parva Products Company. (See Ryan, Lester R., assignor.)
- Parva Products Company. (See White, Paul W., assignor.)
- Parva Products Company. (See White, P. W., and Kent, assignors.)
- Paschall, Benjamin S. (See Cheney, R. G., and Paschall.)
- Patche, Clinton J., Maplewood, N. J., assignor to Brewster-Squires Company, New York, N. Y. Power unit cabinet for etching tool. 135,215; Mar. 9.
- Patche, Clinton J., Maplewood, N. J., assignor to Brewster-Squires Company, New York, N. Y. Power unit cabinet for etching tool. 135,216; Mar. 9.
- Patent License Corporation. (See Nordquist, Robert G., assignor.)
- Patent Scaffolding Company, The. (See Pitou, Eugene, assignor.)
- Patterson, John, Walsall, England. Pocket case. 136,609; Nov. 2.
- Patterson, Joseph W., Tulsa, Okla. Game device. 136,785; Dec. 7.
- Paul, Morris, Worcester, Mass. Woman's cap. 135,736; May 25.
- Paulson, Lewis T., Excelsior, Wis. Wire clamping tool. 136,818; Dec. 7.
- Pawey, Richard G., Seven Kings, England. Combined scoring board and trump-card indicator. 135,744; June 1.
- Payne, Clifford M., and J. M. Majewski, Jr., assignors to F. L. Talge, Kansas City, Mo., doing business as Rival Manufacturing Company. Fruit juice extractor. 135,207; Mar. 9.
- Payne, William R., Chesapeake, W. Va. Combined wrench and pliers. 136,188; Aug. 17.
- Peabody, Lester E. (See Becker, F. H., and Peabody.)
- Pearl, Henry J., assignor of one-half to H. L. Barker, Los Angeles, Calif. Dress. 135,031; Feb. 16.
- Pearson, John H., Lowell, Mass. Portable heater. 135,324; Mar. 23.
- Pease, C. F., Company, The. (See Brunk, Harold J., assignor.)
- Peerless Products Company. (See Lazarus, Paul, assignor.)
- Peers, Sidney J., Skokie, assignor to Chicago Musical Instrument Co., Chicago, Ill. Toy airplane. 135,717; May 25.
- Peers, Sidney J., Skokie, assignor to Chicago Musical Instrument Co., Chicago, Ill. Toy airplane. 135,718; May 25.
- Peers, Sidney J., Skokie, assignor to Chicago Musical Instrument Co., Chicago, Ill. Combined toy airplane and projector therefor. 135,719; May 25.
- Penn, George R., Danville, Va. Ash tray. 135,597; Apr. 27.
- Penn, George R., Danville, Va. Ash tray. 135,598; Apr. 27.
- Penn, George R., Danville, Va. Book cover. 135,738; May 25.
- Penn, George R., Danville, Va. Combined cigarette holder and ash tray. 136,574; Oct. 26.
- Pennsylvania Manufacturing Company. (See Gade, Harald F., assignor.)
- Pennsylvania Railroad Company, The. (See Loewy, Raymond G. F., assignor.)
- Pennsylvania Salt Manufacturing Company. (See Hartman, William E., Sr., assignor.)
- Penza, George, Detroit, Mich. Compass. 134,722; Jan. 5.

- Pereira, Belmiro, New York, N. Y. Ring. 135,038; Feb. 16.
- Pereira, Belmiro, New York, N. Y. Ring or similar article. 135,268; Mar. 16.
- Pereira, Belmiro, New York, N. Y. Ring. 135,259; Mar. 16.
- Perkins, Hilda E., Binghamton, N. Y. Picture frame. 135,288; Mar. 23.
- Perrett, Wallace A., Rockford, Ill. Brooch or similar article. 134,864; Jan. 26.
- Peters, Marvin G., Pittsburgh, Pa., assignor to Pittsburgh Outdoor Advertising Company. Billboard. 134,992; Feb. 9.
- Peterson, Evelyn, et al. (See Magnuson, Raymond A., assignor.)
- Petter, James H., New York, N. Y. Wrist locket or similar article. 134,826; Jan. 19.
- Pettigrew, H. F., and W. Morten, assignors to Texas Prefabricated House & Tent Company, Dallas, Tex. Prefabricated building. 135,797; June 8.
- Pfeiffer, Arthur E., Worcester, Mass. Slipper. 135,084; Feb. 23.
- Phelps, William D., assignor to Mark Cross Company, New York, N. Y. Handbag or the like. 136,593; Nov. 2.
- Philippe, Alfred, Cranston, R. I. Brooch or similar article. 135,169; Mar. 2.
- Philippe, Alfred, Cranston, R. I. Brooch or similar article. 135,170; Mar. 2.
- Philippe, Alfred, Cranston, R. I. Brooch or similar article. 135,171; Mar. 2.
- Philippe, Alfred, Cranston, R. I. Brooch or similar article. 135,172; Mar. 2.
- Philippe, Alfred, Cranston, R. I. Brooch or similar article. 135,173; Mar. 2.
- Philippe, Alfred, Cranston, R. I. Brooch or similar article. 135,174; Mar. 2.
- Philippe, Alfred, Cranston, R. I. Brooch or similar article. 135,175; Mar. 2.
- Philippe, Alfred, Cranston, R. I. Brooch or similar article. 135,176; Mar. 2.
- Philippe, Alfred, Cranston, R. I. Brooch or similar article. 135,177; Mar. 2.
- Philippe, Alfred, Cranston, R. I. Brooch or similar article. 135,178; Mar. 2.
- Philippe, Alfred, Cranston, R. I. Brooch or similar article. 135,188; Mar. 9.
- Philippe, Alfred, Cranston, R. I. Brooch or similar article. 135,189; Mar. 9.
- Philippe, Alfred, Cranston, R. I. Brooch or similar article. 135,190; Mar. 9.
- Philippe, Alfred, Cranston, R. I. Brooch or similar article. 135,191; Mar. 9.
- Philippe, Alfred, Cranston, R. I. Brooch or similar article. 136,079; Aug. 3.
- Philippe, Alfred, Cranston, R. I. Brooch or similar article. 136,080; Aug. 3.
- Philippe, Alfred, Cranston, R. I. Brooch or similar article. 136,126; Aug. 10.
- Philippe, Alfred, Cranston, R. I. Earring. 136,594; Nov. 2.
- Philips, Dorothy, and H. V. Hahn, Cleveland, Ohio. Comb. 135,788; June 8.
- Phillips, John A., Oakland, Calif. Pencil holding attachment for tri-squares. 136,534; Oct. 19.
- Phillips, Solomon B., Waterbury, Conn. Combination paring knife and measuring spoon. 136,022; July 20.
- Phillips, Solomon B., Waterbury, Conn. Kitchen utility knife. 136,023; July 20.
- Pichel, Irving, New York, N. Y. Handbag. 135,502; Apr. 13.
- Pickwick Corporation. (See Corey, F., and Fletcher, assignors.)
- Piontkowic, Martin, Vulcan, Mich. Head washing basin or similar article. 135,579; Apr. 27.
- Pierson, Harold L., assignor to E. P. Head & Co., Rochester, N. Y. Combined sole and heel of a shoe. 135,347; Mar. 30.
- Pietzsch, Frank H. (See Campbell, S. H., and Pietzsch.)
- Pihlstrom, Ernest H., Denver, Colo. Milk bottle. 136,514; Oct. 19.
- Pihlstrom, Ernest H., Denver, Colo. Milk bottle. 136,515; Oct. 19.
- Pillsbury, Eleanor B., trustee. (See Taube, W. G., and Black, assignors.)
- Pinaud Incorporated. (See de Pontrex, Paula, assignor.)
- Pinkus, Carl, New York, N. Y. Wall plate stand. 136,803; Dec. 7.
- Pitman-Dreitzer & Co. (See Dreitzer, Albert J., assignor.)
- Pitou, Eugene, New York, assignor to The Patent Scaffolding Company, Long Island, N. Y. Pipe coupling clamp or the like. 136,697; Nov. 23.
- Pittsburgh Outdoor Advertising Company. (See Peters, Marvin G., assignor.)
- Plainville Stock Company. (See Metcalf, Leroy A., assignor.)
- Plastic Engineering, Inc. (See Trump, Elnor H., assignor.)
- Pleasants, Jack, Los Angeles, Calif. Penholder or similar article. 136,595; Nov. 2.
- Pneumatic Shear Company, The. (See Wilcox, Vincent, assignor.)
- Poglein, Louis, assignor to McKee Glass Company, Jeanette, Pa. Skillet. 135,977; July 13.
- Pollard, Willard L., Evanston, Ill. Book holder. 135,664; May 11.
- Pollard, Willard L., Evanston, Ill. Brushing and drying appliance. 136,509; Oct. 12.
- Pollock, Martin, Eastchester, N. Y. File fastener. 136,016; July 20.
- Pollock, Martin, Eastchester, N. Y. File fastener. 136,017; July 20.
- Pomeranz, Jacob J., Brooklyn, N. Y. Spectacle front. 135,992; July 13.
- Pons, Helene, New York, N. Y. Apron. 136,294; Aug. 31.
- Pons, Helene, New York, N. Y. Coverall apron. 136,385; Sept. 21.
- Pons, Helene, New York, N. Y. Jerkin apron. 136,386; Sept. 21.
- Pons, Helene, New York, N. Y. Make-up apron. 136,387; Sept. 21.
- Pons, Helene, New York, N. Y. Blouse. 136,416; Sept. 28.
- Pons, Helene, New York, N. Y. Jerkin apron. 136,916; Dec. 28.
- Pons, Helene, New York, N. Y. Apron. 136,933; Dec. 28.
- Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Electric switch. 136,455; Oct. 5.
- Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Electric switch. 136,456; Oct. 5.
- Porcelain Products, Inc. (See Loy, John G., assignor.)
- Porter, Edward, Akron, Ohio. Body for an auto sled or similar article. 136,354; Sept. 14.
- Porter, Lenore, San Francisco, Calif. Doll. 136,617; Nov. 2.
- Porter, Dorothy, New York, N. Y. Handbag or similar article. 136,135; Aug. 10.
- Posture Research Corporation. (See Wood, Glenn D., assignor.)
- Poutinen, Paul T., Manhasset, assignor to Waldes Kohlenoor, Inc., Long Island City, N. Y. Display package for a slide fastener. 135,276; Mar. 23.
- Power Tools Inc. (See Redd, William R., assignor.)
- Powers, Donald H., Tacoma, Wash. Portable heater unit. 135,859; June 22.
- Powers, William E., Dayton, Ohio. Ash tray. 135,900; June 29.
- Precision Scientific Co. (See Van Guilder, Walter, assignor.)
- Preed, Frank J., New Richmond, Wis. Toy boat. 136,028; July 20.
- Price, Charles S., Hollis, N. Y. Christmas wreath and the like. 135,213; Mar. 9.
- Price, James R., Cranston, assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 135,843; June 22.
- Price, James R., Cranston, assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 135,844; June 22.
- Primozech, Raymond R., Denver, Colo. Badge or the like. 135,789; June 8.
- Prisco, Frances, New York, N. Y. Dress. 136,917; Dec. 28.
- Prismacolor, Inc. (See Lebus, William A., assignor.)
- Proctor & Schwartz, Inc. (See McKinney, Harris D., assignor.)
- Production Plating Works, Inc., The. (See Enghausser, Winford L., assignor.)
- Pryor, John A., Bradley Beach, N. J. Prayer cross. 136,272; Aug. 31.
- Pulford, Maxon H., assignor to De Witt-Seitz Company, Duluth, Minn. Flexible slat bedspring. 135,887; June 29.
- Quaker Lace Company. (See Hobden, Frederick G., assignor.)
- Querness, Oscar T., Los Angeles, Calif. Game board. 135,580; Apr. 27.
- Quick Charge, Inc. (See Fletcher, Albert C., assignor.)
- Quigan, Frank J., Inc. (See Giordano, Salvatore, assignor.)
- Quinn, Ada, Ogden, Utah. Apron. 135,383; Mar. 30.
- R. K. Le Blond Machine Tool Company, The. (See Groene, William F., and Stoffregen, Jr., assignors.)
- Rabb, Minne, assignor to Valentine Textile Corporation, New York, N. Y. Textile fabric or similar article. 136,681; Nov. 16.
- Rabkin, Henry, Washington, D. C., assignor to the United States of America, as represented by Chester C. Davis, administrator of the War Food Administration and his successors in office. Lapel emblem button or the like. 136,602; Nov. 2.
- Radelbaugh, Arthur C., Arlington, Va. Bandanna. 136,164; Aug. 17.
- Radio Corporation of America. (See Seelen, Harry R., assignor.)
- Ragan, Roy L., Colorado Springs, Colo. Badge or similar article. 135,865; June 22.
- Railway Devices Company. (See Campbell, S. H., and Pietzsch, assignors.)
- Ramsay, Erskine, Birmingham, Ala. Desk. 135,085; Feb. 23.
- Rapaport, Meyer, Chicago, Ill. Telescope or the like. 135,561; Apr. 27.
- Raphaels, Edwin, New York, N. Y. Textile fabric. 135,002; Feb. 9.
- Rauch, Alfons M., New York, N. Y. Phonograph record holder. 136,810; Dec. 7.

- Ray, Harry S., assignor to Visible Index Corp., New York, N. Y. Card index cabinet. 136,089; Aug. 3.
- Raymond, Francisco V., Attleboro, Mass. Epaulet. 136,090; Feb. 23.
- Raymond, Francisco V., Attleboro, Mass. Combination paperweight and stamp dispenser. 136,643; May 4.
- Rea, Thomas, Detroit, Mich. Combined screw driver and nail extractor. 136,804; Dec. 7.
- Reach, Walter R., Camden, N. J. Child's collapsible rocker. 136,105; Aug. 17.
- Reams, Louis M., Richmond, Va. Container carrier. 136,180; Aug. 17.
- Rebholz, Elmer F., Chicago, Ill., assignor to J. F. Barnes, trustee. Toy figure or similar article. 135,879; June 20.
- Rebholz, Elmer F., Chicago, Ill., assignor to J. F. Barnes, as trustee. Toy figure. 136,040; July 20.
- Rebholz, Elmer F., Chicago, Ill., assignor to J. F. Barnes, trustee. Toy figure or similar article. 136,918; Dec. 28.
- Rebholz, Elmer F., Chicago, Ill., assignor to J. F. Barnes, trustee. Toy figure or similar article. 136,919; Dec. 28.
- Rebholz, Elmer F., Chicago, Ill., assignor to J. F. Barnes, trustee. Toy figure or similar article. 136,920; Dec. 28.
- Rebholz, Elmer F., Chicago, Ill., assignor to J. F. Barnes, trustee. Toy figure or similar article. 136,921; Dec. 28.
- Rebholz, Elmer F., Chicago, Ill., assignor to J. F. Barnes, trustee. Toy figure or similar article. 136,922; Dec. 28.
- Redd, William R., Western Springs, assignor to Power Tools, Inc., Chicago, Ill. Rotary polishing and burnishing machine. 134,893; Jan. 26.
- Redlund, Charles W., West Hartford, Conn. Motorcycle engine simulating attachment for bicycles. 134,742; Jan. 5.
- Redlund, Charles W., West Hartford, Conn. Mock machine gun attachment for bicycles. 136,457; Oct. 5.
- Reed, Charles C., Long Beach, Calif. Kitchen cabinet or the like. 136,906; Dec. 28.
- Reed, Charles H., Cambridge, Mass. Game board. 135,720; May 25.
- Reed, E. B. Co. E. (See Pierson, Harold L., assignor.)
- Reed, Ray R., and J. W. Hanson, Duluth, Minn. Gauge. 136,578; Oct. 26.
- Reed, Ruth M., Hinton, Okla. Brooch or similar article. 135,078; July 13.
- Regina Bowling Alley Corporation. (See Rohan, John A., Jr., assignor.)
- Reichert, Carl E. (See Kemmer, P. H., Butt, and Reichert.)
- Reichman, Florence, New York, N. Y. Hat. 135,908; June 20.
- Reid, Volney L., Rutherfordton, N. C. Pin or similar article. 135,427; Apr. 6.
- Rieke, Glenn T., Auburn, Ind. Plug closure for barrels, cans, or the like. 136,436; Oct. 5.
- Reining, Victor G., Boston, Mass. Assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt. 134,894; Jan. 26.
- Reinecke, Jean O. (See Bernhardt, R., and Reinecke.)
- Reinhold, Albert C. (See Reinhold, John J. and A. C.)
- Reinhold, John J. and A. C., Marietta, Pa. Display article or the like. 136,314; Sept. 7.
- Reinhold, John J. and A. C., Marietta, Pa. Picture frame or the like. 136,857; Dec. 14.
- Reinsberg, Adolph, Chicago, Ill. Hat. 135,497; Apr. 13.
- Reising, Eugene G., Hartford, Conn. Firearm. 136,041; July 20.
- Ritter, Michael, Chicago, Ill. Rule. 136,673; Nov. 16.
- Reliable Knitting Works. (See Rosenberg, Samuel, assignor.)
- Remington Rand Inc. (See Flynn, John, assignor.)
- Renke, Natalie, New York, N. Y. Combined helmet and cape. 135,632; May 4.
- Republic Aviation Corporation. (See Kartvelt, Alexander, assignor.)
- Resek, Jules V. (See Cleaver, J. C., and Resek.)
- Resnick, Julius, New York, N. Y. Handbag. 136,166; Aug. 17.
- Ressinger, Paul M., Chicago, Ill. Display stand. 136,838; Dec. 14.
- Reynolds, Edwin, Vineland, N. J. Temple member for spectacles or similar article. 135,141; Mar. 2.
- Reynolds, Edwin, Vineland, N. J. Hair curler or similar article. 135,302; Mar. 23.
- Rice, Eugene B., Denver, Colo. Candy box. 135,770; June 1.
- Richards, Alexander F., Mayport, Pa. Fish bowl. 136,624; Nov. 9.
- Richards, Alexander F., Mayport, Pa. Drinking glass. 136,625; Nov. 9.
- Richards, Alexander F., Mayport, Pa. Water pitcher. 136,626; Nov. 9.
- Richards, Julia, New York, N. Y. Dress. 135,178; Mar. 2.
- Richards, Julia, New York, N. Y. Dress. 135,179; Mar. 2.
- Richardson, Ruel J., and J. Terpstra, Lynwood, Calif. Bread slicing board. 135,937; July 6.
- Richman, Arthur N., assignor to Blue Ridge Spread Company, Dalton, Ga. Robe. 136,805; Dec. 7.
- Richman, Arthur N., assignor to Blue Ridge Spread Company, Dalton, Ga. Robe. 136,806; Dec. 7.
- Richman, Arthur N., assignor to Blue Ridge Spread Company, Dalton, Ga. Robe. 136,807; Dec. 7.
- Richman, Arthur N., assignor to Blue Ridge Spread Company, Dalton, Ga. Robe. 136,808; Dec. 7.
- Richter, George F., Bogota, N. J., assignor to Seovill Manufacturing Company, Waterbury, Conn. Bottle container. 135,798; June 8.
- Richter, George F., Bogota, N. J., assignor to Seovill Manufacturing Company, Waterbury, Conn. Lipstick container. 135,799; June 8.
- Ricketts, Carl E., assignor to Hickok Manufacturing Company, Rochester, N. Y. Belting or the like for personal wear. 135,071; Feb. 16.
- Ricketts, Carl E., assignor to Hickok Manufacturing Company, Rochester, N. Y. Belting or the like for personal wear. 135,072; Feb. 16.
- Ricketts, Carl E., assignor to Hickok Manufacturing Company, Rochester, N. Y. Belting or the like for personal wear. 135,073; Feb. 16.
- Ricketts, Carl E., assignor to Hickok Manufacturing Company, Rochester, N. Y. Belting or the like for personal wear. 135,074; Feb. 16.
- Ricketts, Carl E., assignor to Hickok Manufacturing Company, Rochester, N. Y. Belting or the like for personal wear. 135,075; Feb. 16.
- Ricketts, Carl E., assignor to Hickok Manufacturing Company, Rochester, N. Y. Belting or the like for personal wear. 135,076; Feb. 16.
- Ricketts, Carl E., assignor to Hickok Manufacturing Company, Rochester, N. Y. Belting or the like for personal wear. 135,077; Feb. 16.
- Ricketts, Carl E., assignor to Hickok Manufacturing Company, Rochester, N. Y. Belting or the like for personal wear. 135,078; Feb. 16.
- Ricketts, Carl E., assignor to Hickok Manufacturing Company, Rochester, N. Y. Belting or the like for personal wear. 135,079; Feb. 16.
- Ricketts, Carl E., assignor to Hickok Manufacturing Company, Rochester, N. Y. Belting or the like for personal wear. 135,080; Feb. 16.
- Rieber, Frank, Inc. (See Leitner, R. G., and Rieber, assignors.)
- Rieber, William K. (See Leitner, R. G., and Rieber.)
- Rikshelm, Hjalmar, Los Angeles, Calif. Combined toothbrush, case, and dentifrice holder, or the like. 134,723; Jan. 5.
- Riley, Jack B., Forest Park, assignor to one-half to Gunner Anderson, Chicago, Ill. Question and answer booklet. 136,683; Nov. 16.
- Ring, Ernest A., West Barrington, assignor of one-half to Francis M. Blakeney, Cranston, R. I. Goggle. 136,398; Sept. 21.
- Ripin, Margaret, New York, N. Y. Case for spectacles. 134,709; Jan. 5.
- Rival Manufacturing Company. (See Payne, C. M., and Majewsky, Jr., assignors.)
- Robbins, Clyde F., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. One-piece molded insulation switch base. 136,295; Apr. 31.
- Robinson, Frank C. (See Kellett, R., and Robinson.)
- Robinson, John, Los Angeles, Calif. Combined airplane body and propellers. 135,260; Mar. 16.
- Robinson, Robert W., San Francisco, Calif. Toothbrush. 136,463; Oct. 12.
- Robson, Stuart G., San Diego, Calif. Barracks case or similar article. 136,596; Nov. 2.
- Rochester Manufacturing Co. (See Ford, George E., assignor.)
- Roche, Ivan, New York, N. Y. Plant pipe coupling or similar article. 135,689; May 18.
- Roche, Ivan, New York, N. Y. Coupling or similar article. 136,056; July 27.
- Rogers, Lunt & Bowen Company. (See Koonz, Frederick W., assignor.)
- Rohan, John A., Jr., assignor to Regina Bowling Alley Corporation, St. Louis, Mo. Bowling sign. 135,764; June 1.
- Rollins Hosiery Mills, Inc. (See Hawkes, Frances, assignor.)
- Romano, Lawrence P. (See Messenger, Harold L., assignor.)
- Romanoski, Joseph A. E., Huntington, N. Y. Carpenter's plane for use as an attachment to hatchets or similar tools. 136,555; Oct. 26.
- Ronning, Jacob A., Minneapolis, Minn. Lawn mower. 135,951; July 6.
- Roos, Delmar G., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Vehicle. 136,819; Dec. 7.
- Roselle, Walter A., New York, N. Y. Collapsible tube. 136,477; Oct. 12.
- Rosenbaum, Norman M., New York, N. Y. Embroidered trimming or similar article. 134,969; Feb. 2.
- Rosenberg, Albert E., New York, N. Y. Knife rack. 134,930; Feb. 2.
- Rosenberg, Harriet, New York, N. Y. Dress. 134,945; Feb. 2.
- Rosenberg, Samuel, Shorewood, assignor to Reliable Knitting Works, Milwaukee, Wis. Hat or similar article. 134,880; Jan. 26.

- Rosier, Philip G., assignor to P. G. Rosier, G. J. Spatuzza, and F. E. Bourget, co-partners, doing business under the firm name of National Plaque Specialties Co., Chicago, Ill. Honor roll plaque. 135,289; Mar. 23.
- Ross, Howard L., New York, N. Y. Lipstick container. 135,562; Apr. 27.
- Ross, Howard L., New York, N. Y. Lipstick holder. 135,745; June 1.
- Ross, Howard L., New York, N. Y. Combined salt and pepper shaker. 136,081; Aug. 3.
- Rost, Kathryn, New York, N. Y. Dress. 134,895; Jan. 26.
- Rost, Kathryn, New York, N. Y. Dress. 134,896; Jan. 26.
- Rost, Kathryn, New York, N. Y. Dress. 134,897; Jan. 26.
- Rost, Kathryn, New York, N. Y. Dress. 134,898; Jan. 26.
- Rost, Kathryn, New York, N. Y. Dress. 136,923; Dec. 28.
- Roth, Chester H., Co. (See Lebow, Victor, assignor.)
- Roth, Morris B., Chicago, Ill. Spectacle guard. 135,509; Apr. 20.
- Rothchild, Aaron, Flushing, N. Y. Hat. 134,849; Jan. 19.
- Rothchild, Aaron, Flushing, N. Y. Hat. 135,067; Feb. 16.
- Rotkel, Lilly K., New York, N. Y. Crocheted lady's handbag. 135,983; July 13.
- Rothhaus, Elisabeth D., Devon, assignor to Bonwit Teller & Company, Philadelphia, Pa., and A. Z. Solomon, New York, N. Y. Hat. 135,111; Feb. 23.
- Rouner, John G., Denver, Colo. Portfolio. 135,892; June 29.
- Roush, John F., Indianapolis, Ind. Badge or the like. 136,346; Sept. 14.
- Rowe, Theodore S. (See Moore, S. D., and Rowe.)
- Rowell, John J. (See Obszerny, T., and Rowell.)
- Rowland, Robert W., Newark, N. J. Casement for port-holes or the like. 134,946; Feb. 2.
- Rowland, Robert W., Newark, N. J. Ventilator or the like. 135,039; Feb. 16.
- Rowland, Robert W., Newark, N. J. Ventilator or the like. 135,040; Feb. 16.
- Rowland, Robert W., Newark, N. J. Casement for port-holes or the like. 135,203; Mar. 9.
- Royal Typewriter Company. (See Kittel, John J., assignor.)
- Royal Typewriter Company. (See Myers, Lewis C., assignor.)
- Royall, John A., East Boothbay, Maine. Razor blade sharpener. 135,471; Apr. 13.
- Rubel, John, New York, N. Y. Brooch or similar article. 136,642; Nov. 9.
- Rubel, John, New York, N. Y. Brooch or similar article. 136,643; Nov. 9.
- Rubel, John, New York, N. Y. Brooch or similar article. 136,644; Nov. 9.
- Rubel, John, New York, N. Y. Brooch or similar article. 136,645; Nov. 9.
- Rubel, John, New York, N. Y. Brooch or similar article. 136,646; Nov. 9.
- Rubin, Charles, Bronx, N. Y. Smoking pipe. 136,880; Dec. 21.
- Rubin, Charles, New York, N. Y. Smoking pipe. 136,981; Dec. 21.
- Rubin, Daniel, New York, N. Y. Handbag. 135,530; Apr. 20.
- Rubin, Jack, New York, N. Y. Textile fabric. 135,319; Mar. 23.
- Rubin, Joseph, New York, N. Y. Doll or similar article. 136,167; Aug. 17.
- Rubinstein, Helena, Inc. (See Medgyes, Ladislav, assignor.)
- Russell, William J., Mansfield, Ohio, assignor to West-inghouse Electric & Manufacturing Company. Laundry unit. 135,721; May 25.
- Russler, George J., Pittsburgh, Pa. Picture frame mounting. 136,373; Sept. 21.
- Russy, Wilhelmina J. (See Maxwell, P. M., and Russey.)
- Rutter, Donald E. (See Williams, A. L. W., and Rutter.)
- Ryan, Lester R., Plymouth, Conn., assignor to Parva Products Company, Chicago, Ill. Suspenders. 135,563; Apr. 27.
- Ryan, William P. (See Sherman, C. G., and Ryan.)
- S & W Hydraulic Tool Company. (See Stevens, Clifford B., assignor.)
- Sacks, Herman B., New York, N. Y. Finger ring or similar article. 136,698; Nov. 23.
- Sadinoff, Max, Bronx, N. Y. Rug or similar article. 135,914; July 6.
- Sadowsky, David R., New York, N. Y. Dress. 136,246; Aug. 24.
- Sager, Abraham, Chicago, Ill. Finger ring. 136,136; Aug. 10.
- Sager, Abraham, Chicago, Ill. Finger ring. 136,401; Sept. 28.
- Sager, Solomon M., Chicago, Ill. Fountain pen section or similar article. 135,448; Apr. 6.
- Sallenberg, Leroy L., South Orange, assignor to Ivers-see Company, Newark, N. J. Folding dispensing pack-age or similar article. 136,101; Aug. 3.
- Saltzman, Sam, Iowa City, Iowa. Baby stroller. 135,718; Nov. 23.
- Samit, Michael, New York, N. Y. Lamp. 135,698; May 18.
- Samuels, Louis. (See Bersin, A., and Samuels.)
- Sandel Manufacturing Co. (See Waltman, Chauncey E., assignor.)
- Sanders, Altina, New York, N. Y. Spectacle frame. 135,510; Apr. 20.
- Sandler, Jacob, Boston, Mass. Shoe. 135,866; June 22.
- Sas, Elmer, New York, N. Y. Xylophone. 134,776; Jan. 12.
- Sauer, Albert H., Jr., Cincinnati, Ohio. Ring. 135,581; Apr. 27.
- Sauls, Hosea C., Dayton, Ohio. Collapsible kite. 136,018; July 20.
- Saunders, Paul W., assignor to Saunders Venom Ex-tractor Company, Tarpon Springs, Fla. Suction syringe. 136,556; Oct. 26.
- Saunders Venom Extractor Company. (See Saunders, Paul W., assignor.)
- Schaefer, Inc. (See Norris, Robert B., assignor.)
- Schaefer, Joseph B. (See Halpert, P., and Schaefer.)
- Schaefer, Meyer, Chicago, Ill. Home shrine or the like. 135,882; Apr. 27.
- Scheer, Henry, New York, N. Y. Embroidered trimming or similar article. 136,674; Nov. 16.
- Scheer, Henry, New York, N. Y. Embroidered trimming or similar article. 136,675; Nov. 16.
- Schelter Last Co. (See Mutch, James B., assignor.)
- Scheller, Rebecca W., Madison, Nebr. Apron. 134,786; Jan. 2.
- Schenker, Jack E., Chicago, Ill. Foldable case for edibles or other articles. 135,106; Feb. 23.
- Schenker, Jack E., Chicago, Ill. Correspondence folder or similar article. 135,893; June 29.
- Schenker, Jack E., Chicago, Ill. Picture frame. 136,347; Sept. 14.
- Scheppler, Edith F., assignor to Columbia Uniform Cap Corp., New York, N. Y. Woman's uniform cap. 136,820; Dec. 7.
- Scher, Louis S., New York, N. Y. Auxiliary telephone receiver. 135,303; Mar. 23.
- Scherbaum, Fred, Detroit, Mich. Geographic amusement game device. 135,098; Feb. 23.
- Schibsky, Lawrence D., and B. Bronzan, Los Angeles, Calif., said Bronzan assignor to said Schibsky. Identification badge. 135,925; July 6.
- Schieman, Gustave, Bronx, N. Y., assignor to Interna-tional Plastic Corporation, Morristown, N. J. Tape dispenser. 135,165; Mar. 2.
- Schmid, Albert P., assignor to Bernard Wilmsen, Phila-delphia, Pa. Artificial Christmas tree. 135,823; June 15.
- Schmid, Albert P., and A. De Rose, Philadelphia, Pa. Toy. 136,339; Sept. 14.
- Schmid, Ivan P., Columbus, Nebr. Combined sun visor and shield. 136,048; July 27.
- Schmidhofer, Ernst, Chicago, Ill. Picture holder. 136,839; Dec. 14.
- Schmidt, Edward G. (See Stark, J. E., and Schmidt.)
- Schmitz, Carl L., assignor to Cartier, Inc., New York, N. Y. Medallion or the like. 136,529; Oct. 19.
- Schneider, Karl, assignor to Sears, Roebuck and Co., Chicago, Ill. Double boiler or the like. 134,865; Jan. 26.
- Schneider, Karl, assignor to Sears, Roebuck and Co., Chicago, Ill. Coffee pot or the like. 134,876; Jan. 26.
- Schneider, Karl, assignor to Sears, Roebuck and Co., Chicago, Ill. Dutch oven. 134,877; Jan. 26.
- Schneider, Karl, assignor to Sears, Roebuck and Co., Chicago, Ill. Skillet. 135,348; Mar. 30.
- Schneider, Karl, assignor to Sears, Roebuck and Co., Chicago, Ill. Handle for a coffeepot or the like. 136,102; Aug. 3.
- Schneider, Samuel D., Highland Park, N. J. Bottle. 135,894; June 29.
- Schneider, Samuel D., Highland Park, N. J. Bottle. 135,998; July 13.
- Schoenfeld, Harry, New York, N. Y. Handbag. 135,428; Apr. 6.
- Schofield, Earl L., assignor to Henney Motor Company, Freeport, Ill. Vehicle. 135,392; Mar. 30.
- Schrader, Walter A., Brentwood, Mo. Game table. 135,895; June 29.
- Schreiber, Rudolph E., Chicago, Ill. Garment hanger. 136,082; Aug. 3.
- Schubman, Richard L., assignor to American Duplex Company, Louisville, Ky. Coffee mill. 136,647; Nov. 9.
- Schultz, Harold C., Chicago, Ill. Novelty pin. 136,528; Oct. 19.
- Schultz, William D., assignor to Julius Breckwoldt & Son, Inc., Dolgeville, N. Y. Toilet seat hinge. 134,986; Feb. 9.
- Schutz, Ewald, assignor to De Walt Products Corpora-tion, Lancaster, Pa. Metal cutting machine or similar article. 135,473; Apr. 13.
- Schwalbe, Jacques, Kew Gardens, N. Y. Combined bill-fold and sewing kit. 136,648; Nov. 9.
- Schwartz, Harry I., New York, N. Y. Folding utility case. 136,131; Aug. 10.
- Schwartz, Sidney. (See Ghinsberg, Sol, assignor.)
- Schwer, Walter B., Rye, N. Y. Game board. 135,880; June 29.

Scott Aviation Corporation. (See Benzel, Howard A., assignor.)

Scott Aviation Corporation. (See Scott, Earle M., assignor.)

Scott, Earle M., assignor to Scott Aviation Corporation. Lancaster, N. Y. Cradle for supporting an airplane. 136,809; Dec. 7.

Scott, Frank J., Minneapolis, Minn. Dial for barometers or the like. 135,472; Apr. 13.

Scott, Jack V., Philadelphia, Pa. Combined bookmark and greeting card. 135,551; Apr. 20.

Scott, Lee R., Greenwood, Miss. Safety razor hone case. 136,157; Aug. 10.

Scovill Manufacturing Company. (See Miller, Henry M., assignor.)

Scovill Manufacturing Company. (See Richter, George F., assignor.)

Seown, William C., Oklahoma City, Okla. Carpenter's bar. 136,557; Oct. 26.

Seriggins, Edwin P., East Orange, N. J., assignor to Jantzen Knitting Mills, Portland, Oreg. Panty-girdle. 135,440; Apr. 6.

Sea Emergency Devices, Inc. (See Cohen, Henry B., assignor.)

Searer, Harold J., Akron, Ohio. Wrist watch strap. 136,558; Oct. 26.

Sears, Clarence M., Ayer, and E. E. Anderson, Worcester, Mass. Valve casing. 135,988; July 13.

Sears, Roebuck and Co. (See Harris, John R., assignor.)

Sears, Roebuck and Co. (See Karstadt, Clarence, assignor.)

Sears, Roebuck and Co. (See Schneider, Karl, assignor.)

Sears Roebuck and Co. (See Wolf, R. J., and Dunville, assignors.)

Sebok, Joseph B., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Air cleaner or similar article. 136,657; July 27.

Seely, Harry L., Short Hills, N. J., assignor to Radio Corporation of America. Electron discharge device. 136,663; Nov. 16.

Seelman, Geo., & Sons Co. (See Seelman, John J., assignor.)

Seelman, John J., assignor to Geo. Seelman & Sons Co., Milwaukee, Wis. Loose-leaf binder ring or similar article. 136,798; Dec. 7.

Seeman, William, Flushing, N. Y. Finger ring. 135,824; June 15.

Seham, Bernice, New York, N. Y. Playsuit or similar article. 135,815; June 15.

Seldman, Morris, New York, N. Y. Jacket. 136,618; Nov. 9.

Selgenfeld, Sylvia, New York, N. Y., and E. Alexander, Stamford, Conn. Nurse's cap. 135,464; Apr. 13.

Seigh, Wallace D., Johnstown, Pa. Fruit juice extractor. 135,429; Apr. 6.

Sellman, Dorothy, New York, N. Y. Jacket. 134,974; Feb. 2.

Sellman, Dorothy, New York, N. Y. Dress. 135,023; Feb. 9.

Selsky, Albert, Chicago, Ill. Ash tray. 136,579; Oct. 26.

Sely, Dora, New York, N. Y. Panties or similar article. 134,791; Jan. 12.

Senter, Jonas A. (See Codish, George, assignor.)

Setton, Morris, Brooklyn, N. Y. Tablecloth or similar article. 136,052; July 27.

Sereno, Lawrence R., Montreal, Wis. Dessert jar. 135,296; Mar. 23.

Serling, Joseph, New York, N. Y. Earring. 136,840; Dec. 14.

Severy, Lawrence A., assignor to American Optical Company, Southbridge, Mass. Goggle. 135,192; Mar. 9.

Shagen, Alexander E. (See Belmonte, J. A., and Shagen.)

Shannon, Paul B., et al. (See Smith, Merton J., assignor.)

Shapiro, Abraham, assignor to Ampco Corporation, Chicago, Ill. Combination motion picture screen and carrying case. 134,965; Feb. 2.

Shapiro, Lee, New York, N. Y. Dress. 134,841; Jan. 19.

Shapp, Milton J. (See Cottrell, W. C., Jr., Ganzler, Jr., and Shapp.)

Shawnee Pottery Co. (See Ganz, Rudy V., assignor.)

Sheaffer, W. A., Pen Company. (See Stempel, Herman K., assignor.)

Sheffield Corporation, The. (See Ailer, Willis F., assignor.)

Sherman, Charles G., and W. P. Ryan, assignors to C. Earl Hovey, Kansas City, Mo. Battery charger. 135,650; May 11.

Sherman, William, New York, N. Y. Combined slipper and sock. 135,432; Apr. 6.

Sherrill, Burl E., Peru, Ind. Compass. 136,388; Sept. 21.

Sherrill, Burl E., Peru, Ind. Compass. 136,389; Sept. 21.

Shield, Gladys B. (See Hickman, A. M., and Shield.)

Shilstone, Herbert M., New Orleans, La. Bottle. 134,734; Jan. 5.

Shirlin, Abraham, Los Angeles, Calif. Plaque. 135,209; Mar. 9.

Shoemaker, Fredric W., New London, Wis. Toy sub-machine gun. 136,924; Dec. 28.

Shumaker, Theodore D., Memphis, Tenn. Exercising swing. 136,786; Dec. 7.

Shuron Optical Company. (See Neary, Francis B., assignor.)

Siderelis, James D., Astoria, N. Y. Badge or similar article. 135,920; July 6.

Sichel, Margaret, New York, N. Y. Toy animal figure. 135,776; June 8.

Siegelbaum, Harry, Yonkers, N. Y. Hat. 135,867; June 12.

Sibert, Eileen, et al. (See Du Bois, Joseph E., assignor.)

Silex Company, The. (See Wolcott, Frank E., assignor.)

Silson, Victor, New York, N. Y. Jewelry finding. 136,468; Oct. 12.

Silverstein, Frank. (See Altman, S., and Silverstein.)

Simmons, Joseph, Cincinnati, Ohio. Ring. 135,223; Mar. 9.

Simms, Lewis W., Fairville, New Brunswick, Canada. Combined walker and tray. 136,745; Nov. 30.

Simon, Franklin, & Co. (See Gosling, James, Jr., assignor.)

Simpson, John T. (See Ball, William.)

Sindelar, John B., Loyalton, S. Dak. Lamp or similar article. 136,755; Nov. 30.

Singer Manufacturing Company, The. (See Park, Malcolm S., assignor.)

Sinkule, Glenn. (See Whitse, N. G., Jr., and Sinkule.)

Slager, Martin V., Grand Rapids, Mich. Toilet seat hinge. 135,228; Mar. 9.

Sloan, Carl T., assignor to The Jeannette Glass Company, Jeannette, Pa. Glass plate or the like. 134,962; Feb. 2.

Sloan, Carl T., assignor to The Jeannette Glass Company, Jeannette, Pa. Ash tray. 134,907; Feb. 9.

Sloan, Carl T., assignor to The Jeannette Glass Company, Jeannette, Pa. Glass tumbler or similar article. 135,297; Mar. 23.

Sloane, Max. (See Sloane, Nathan and M.)

Sloane, Nathan and M., Brooklyn, N. Y. Handbag. 135,261; Mar. 16.

Sloane, Nathan and M., Brooklyn, N. Y. Handbag. 136,623; Oct. 19.

Sloane, Nathan and M., Brooklyn, N. Y. Purse. 136,603; Nov. 2.

Sloane, Nathan and M., Brooklyn, N. Y. Handbag. 136,886; Dec. 21.

Slocum, Henry M., assignor to Colvin-Slocum Boats, Inc., New York, N. Y. Flashlight. 135,009; Feb. 23.

Small, Martin, Chicago, Ill. Infant's toilet seat. 136,821; Dec. 7.

Smith, Francis X., Brooklyn, N. Y. Religious rosary or similar article. 135,693; May 18.

Smith, Harry D., West Henrietta, N. Y. Coin holder. 135,541; Apr. 20.

Smith, Jane E., Palmyra, N. J. Thimble. 134,920; Jan. 26.

Smith, Julia, New York, N. Y. Dress. 136,193; Aug. 17.

Smith, Julia, New York, N. Y. Dress. 136,198; Aug. 17.

Smith, Julia, New York, N. Y. Dress. 136,199; Aug. 17.

Smith, L. E., Glass Company. (See Hall, James S., assignor.)

Smith, Lewis E., Dallas, Tex. Valve. 135,825; June 15.

Smith, Merton J., Cleveland, Ohio, assignor of twenty-five per cent to F. B. Shannon, Chicago, Ill., twenty-five per cent to J. P. Gelger, Cleveland, and twenty-five per cent to R. W. Wilson, Rocky River, Ohio. Engine controlling mechanism. 135,166; Mar. 2.

Smith, Richard F., Savannah, assignor to Welding Tools & Engineering Corp., Atlanta, Ga. Jack clamp. 135,068; Feb. 16.

Smith, William A., Bronxville, N. Y. Sharpening device for flexible safety razor blades. 136,858; Dec. 14.

Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Velocipede frame member. 134,815; Jan. 19.

Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Velocipede frame member. 134,816; Jan. 19.

Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Chaise longue. 135,417; Apr. 6.

Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Juvenile vehicle. 135,673; May 11.

Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Swing. 135,694; May 18.

Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Glider. 135,777; June 8.

Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Swing. 136,304; Sept. 7.

Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Fender for juvenile vehicles. 135,510; Oct. 12.

Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Swing. 136,878; Dec. 7.

Smith, William I., Goshen, Ind., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Juvenile vehicle. 136,894; Dec. 21.

Sneed, Jessamine C., Ardmore, Okla. Jewelry finding or the like. 135,760; June 8.

Snell, Samuel A., Royal Oak, Mich. Bicycle. 136,565; Oct. 26.

- Sneider, William N., Los Angeles, Calif. Smoking pipe. 135,868; June 22.
- Sockett, Phillip S., Los Angeles, Calif. Case for glasses. 136,361; Sept. 14.
- Sokolis, Ernest P., Springfield, Ill. Weeder head. 135,210; Mar. 9.
- Solash, Max, Linden, N. J. Hat. 134,787; Jan. 12.
- Solomon, Alfred Z., et al. (See Rothhaus, Elizabeth D., assignor.)
- Somerscott, Lois B., Oakland, Calif. Toy figure. 135,069; Feb. 16.
- Sosman, Meyer, Brooklyn, assignor to Glasorb Company, New York, N. Y. Combined container and base therefor. 136,062; July 27.
- Southern Stove Works, Inc. (See Burke, Edward J., assignor.)
- Southworth Company. (See Brown, Phelps, Jr., assignor.)
- Spatuzza, George J., et al. (See Rosier, Philip G., assignor.)
- Spier, Walter A., assignor to Victor Electric Products, Inc., Cincinnati, Ohio. Electric fan. 135,599; Apr. 27.
- Specialties Development Corporation. (See Grant, H. C., Jr., and Du Pont, assignors.)
- Specialties Manufacturing Company. (See Werry, John A., assignor.)
- Spencer Lens Company. (See Armbruster, John T., assignor.)
- Sperry Gyroscope Company. (See Braddon, Frederick D., assignor.)
- Sperry Gyroscope Company. (See De Lanty, Loren J., assignor.)
- Sperry Gyroscope Company. (See Halpert, P., and Schaefer, assignors.)
- Sperry Gyroscope Company, Inc. (See Jenks, F. A., Swirl, Jr., and Folland, assignors.)
- Sphar, Clark H. (See Wagener, W. G., and Sphar.)
- Spielberg, Erna, New York, N. Y. Brooch or similar article. 136,110; Aug. 3.
- Spilka, Adele G., New York, N. Y. Artificial corsage. 135,665; May 11.
- Spilka, Adele G., New York, N. Y. Artificial boutonniere. 135,666; May 11.
- Spurgeon, Dawson W., Salem, Ind. Combination comb, brush, and mirror. 135,926; July 6.
- Spurling, Julian R., Radburn, N. J. Perambulator body. 135,993; July 13.
- Squire, Clark, Tacoma, Wash. Lapel button or the like. 136,348; Sept. 14.
- Srofe, Jesse, assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Lathe apron. 135,727; May 25.
- Srofe, Jesse, assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Tailstock. 136,402; Sept. 28.
- Stahl, Harold H., New York, N. Y. Dress. 135,070; Feb. 16.
- Stahl, Harold H., New York, N. Y. Dress. 135,644; May 4.
- Stahl, Harold H., New York, N. Y. Dress. 135,827; June 15.
- Staley, Harry M., Toledo, Ohio. Knife sharpener. 135,441; Apr. 6.
- Stalinder, Earl G., Chicago, Ill. Toy. 135,094; Feb. 23.
- Stambaugh, Reginald V., Cleveland, Ohio. Food tray. 134,947; Feb. 2.
- Stamots, William E., Galesburg, Ill. Medal or the like. 135,430; Apr. 6.
- Standard Safety Equipment Co. (See Goodwin, Greta, assignor.)
- Standard Safety Equipment Co. (See Liberatore, Yolanda M., assignor.)
- Stark, Julian E., Wilmette, and E. G. Schmidt, assignors to Crane Co., Chicago, Ill. T-pipe fitting. 135,633; May 4.
- Stark, Julian E., Wilmette, and E. G. Schmidt, assignors to Crane Co., Chicago, Ill. Elbow pipe fitting. 135,634; May 4.
- Starr Engraving Company. (See Behrman, Mayes, assignor.)
- Steinair, Jules G., Pasadena, Calif. Game board. 136,699; Nov. 23.
- Steinberg, Abe H., New York, N. Y. Dress. 136,103; Aug. 3.
- Steinbicker, Cyril G., and N. C. Butler, assignors to The National Fire Company, Incorporated, Anderson, Ind. Grate for fireplaces or the like. 135,160; Mar. 2.
- Stelzer Brothers, Inc. (See Mynors, Elfranc, assignor.)
- Stempel, Herman K., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Pour-out bottle cap. 135,161; Mar. 2.
- Stensgaard, W. L., & Associates, Inc. (See Parke, Alfred, assignor.)
- Stensgaard, W. L., & Associates, Inc. (See Williams, Findley, assignor.)
- Stephens, Joseph J. W., Los Angeles, Calif. Shade holder. 136,114; Aug. 3.
- Stephens, Joseph J. W., South Pasadena, and K. M. Cross, Glendale, Calif. Inspection light. 136,570; Oct. 26.
- Stephens, Zoma A., assignor to Munsingwear, Inc., Minneapolis, Minn. Panty girdle. 135,927; July 6.
- Stephens, Zoma A., assignor to Munsingwear, Inc., Minneapolis, Minn. Panty girdle. 135,928; July 6.
- Stephenson, Jean E., New Britain, Conn. Separable figurines for a lapel ornament, place cards, and the like. 136,390; Sept. 21.
- Sterling, Scott, Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Lens computer. 135,349; Mar. 30.
- Sterne, Rita C., et al. (See Du Bois, Joseph E., assignor.)
- Stevens, Clifford B., Milwaukee, Wis., assignor to The S & W Hydraulic Tool Company, Wynne, Ark. Thread dispenser or the like. 134,724; Jan. 5.
- Stevens, Clifford B., Fox Point, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Combined casing cover and handle for an electric switch. 134,832; Jan. 19.
- Stevens, Clifford B., assignor to Cleaver-Brooks Company, Milwaukee, Wis. Portable sterilizer or the like. 135,542; Apr. 20.
- Stevens, Clifford B., assignor to Monart Motors, Inc., Milwaukee, Wis. Station wagon type automobile. 136,355; Sept. 14.
- Stevens, W. V., et al. (See Hamlin, Glenn E., assignor.)
- Stilwell, Harold. (See Gaston, G. E., and Stilwell.)
- Stoffregen, Harry F., Jr. (See Greene, W. F., and Stoffregen Jr.)
- Stolper, Harry, New York, N. Y. Pair of ophthalmic spectacles. 135,600; Apr. 27.
- Stolzenberger, Adam J., Jr., Glendale, Long Island, N. Y. Amphibian airplane. 136,075; July 27.
- Stone, Carl R., assignor to Crane Co., Chicago, Ill. Radiator valve. 135,732; May 25.
- Stone, Murray, H., New York, N. Y. Banner or similar article of manufacture. 136,822; Dec. 7.
- Stough, Turney H., Jeannette, Pa. Toy candy container. 136,451; Oct. 5.
- Straus, Mitteldorfer. (See Waymack, Martin, assignor.)
- Straus, Nathan-Duparquet, Inc. (See Cunningham, Harry, assignor.)
- Sullivan, Henry J., Duluth, Minn. Ship hull. 135,402; Mar. 30.
- Sullivan, Patrick, Brookline, Mass. Airplane. 135,667; May 11.
- Sullivan, Ruby, Cincinnati, Ohio. Combination dessert and cake dish. 135,003; Feb. 9.
- Supreme Guardian Council of the Order of Job's Daughters. (See Cookman, Warde C., assignor.)
- Sureson, Lenora, assignor to W. M. Gotsch Company, Chicago, Ill. House coat. 136,409; Sept. 28.
- Sutcliffe, Harry L., New York, N. Y. Shoe. 135,087; Feb. 23.
- Sutcliffe, Harry L., New York, N. Y. Shoe. 135,142; Mar. 2.
- Sutcliffe, Harry L., New York, N. Y. Shoe. 135,193; Mar. 9.
- Sutphen, Robert M., assignor to Couse Laboratories, Newark, N. J. Badge or similar article. 136,676; Nov. 16.
- Swain, Rae C., South Gate, assignor to S. P. Lerner, Los Angeles, Calif. Pin or similar article. 135,808; June 8.
- Swainson, Anne, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Ring box or the like. 136,524; Oct. 19.
- Swanson, Neil H., Chicago, Ill. Combined billfold and coin purse. 136,895; Dec. 21.
- Swanson, Ray, et al. (See Wade, John L., assignor.)
- Swedlin, Jacob, Brooklyn, N. Y. Stuffed toy or similar article. 135,490; Apr. 13.
- Swedlin, Jacob, Brooklyn, N. Y. Stuffed toy or similar article. 135,491; Apr. 13.
- Swedlin, Jacob, Brooklyn, N. Y. Mask for stuffed toys or similar article. 135,492; Apr. 13.
- Swedlin, Jacob, Brooklyn, N. Y. Stuffed toy or similar article. 135,881; June 29.
- Swedlin, Jacob, Brooklyn, N. Y. Mask for stuffed toys or similar article. 135,882; June 29.
- Swenson Hilmer V. Highland Park Ill. Combined coaster and ash tray. 136,710; Nov. 23.
- Swofford, Peter J., Fort Worth, Tex. Automobile door or similar article. 135,325; Mar. 23.
- Sydenham, Harold G., U. S. Army, Fort Benning, Ga., H. C. Clowe, U. S. Army, Pittsburgh, Pa., and A. E. Du Bois, assignors to D. C. Protective cover for soldiers or the like. 136,859; Dec. 14.
- Sylvania Electric Products Inc. (See Maurette, René G., assignor.)
- Szalla, Frank I., Chicago, Ill. Combination light fixture and ornament holder. 135,107; Feb. 23.
- Szyrner, Bernard, Gwynedd Valley, Pa. Airplane glider. 136,296; Aug. 31.
- Tabor, Harry B., Everett, Mass. Plaque or similar article. 136,391; Sept. 21.
- Tabor, Vernon H., Cincinnati, Ohio. Statuette or similar article. 135,583; Apr. 27.
- Talge, Foster L. (See Payne, C. M., and Majewski, Jr., assignors.)
- Tarr, Wilson E. (See Center, C. I., and Tarr.)
- Tashman, William, Chicago, Ill. Handbag. 134,866; Jan. 26.
- Tashman, William, Chicago, Ill. Handbag. 134,867; Jan. 26.
- Tashman, William, Chicago, Ill. Handbag. 134,868; Jan. 26.

- Tashman, William, Chicago, Ill. Handbag. 134,869; Jan. 26.
- Tashman, William, Chicago, Ill. Handbag. 134,870; Jan. 26.
- Tashman, William, Chicago, Ill. Handbag. 134,881; Jan. 26.
- Tashman, William, Chicago, Ill. Handbag. 135,027; Feb. 18.
- Tatro, Amy, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Bottle cap or similar article. 136,437; Oct. 5.
- Tatro, Amy, assignor to Colt's Fire Arms Manufacturing Company, Hartford, Conn. Bottle cap or similar article. 136,438; Oct. 5.
- Tatro, Amy, assignor to Colt's Fire Arms Manufacturing Company, Hartford, Conn. Bottle cap or similar article. 136,439; Oct. 5.
- Tatro, Amy, assignor to Colt's Fire Arms Manufacturing Company, Hartford, Conn. Bottle cap or similar article. 136,440; Oct. 5.
- Tatro, Amy, assignor to Colt's Fire Arms Manufacturing Company, Hartford, Conn. Bottle cap or similar article. 136,441; Oct. 5.
- Taube, Walter G., Minneapolis, and O. B. Black, St. Louis Park, assignors to E. B. Pillsbury, Wayzata, Minn., trustee. Fanciful figure or similar article. 136,183; Aug. 17.
- Tawdlish, Rebecca, New York, N. Y., assignor to Ben Hur Products, Inc. Hair ornament. 134,810; Jan. 19.
- Tawdlish, Rebecca, New York, N. Y., assignor to Ben Hur Products, Inc. Comb. 134,850; Jan. 19.
- Taylor, Florence E., et al. (See Du Bois, Joseph E., assignor.)
- Taylor Instrument Companies. (See Brown, H. Brainard, assignor.)
- Taylor, Ivan M., Baltimore, Md. Tire tool. 134,799; Jan. 12.
- Taylor, Lloyd M., San Leandro, Calif. Airplane engine. 136,540; Oct. 19.
- Tech-Art Plastics Company. (See Berg, Roy E., assignor.)
- Teeter, Wilford H., assignor to General Motors Corporation, Dayton, Ohio. Freezer cabinet. 136,305; Sept. 7.
- Teletype Corporation. (See Zenner, W. J., and Larsson, assignors.)
- Teninty, Phillip L., Stockton, Calif. Curtain rod bracket. 136,137; Aug. 10.
- Teninty, Phillip L., Stockton, Calif. Curtain rod bracket. 136,089; Nov. 23.
- Terpatra, John. (See Richardson, R. J., and Terpatra.)
- Testi, Nicholas, Boston, Mass. Container for cigarettes. 136,575; Oct. 26.
- Testi, Nicholas, assignor to Gillette Safety Razor Company, Boston, Mass. Cigarette container. 136,571; Oct. 26.
- Tetreault, Mary E., New York, N. Y. Dress. 135,132; Feb. 23.
- Texas Prefabricated House & Tent Company. (See Pettigrew, H. F., and Morten, assignors.)
- Thomander, Veron S. (See Young, D. A., and Thomander.)
- Thomas, David, Inc. (See Brown, Thomas J., assignor.)
- Thomasson, Marjorie J., Mount Lebanon, Pa. Soap box. 135,304; Mar. 23.
- Thoresen, George A., Providence, R. I., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Badge or similar article. 136,210; Aug. 24.
- Thorne, Henry H., Chicago, Ill. Suspender belt. 136,651; Nov. 9.
- Thorp, J. H., & Co. (See Morford, Henry S., assignor.)
- Tilbrook, Walter G., Brooklyn, N. Y. Textile fabric or similar article of manufacture. 136,748; Nov. 30.
- Tilles, Roy E., New Rochelle, N. Y. Stocking. 135,947; July 6.
- Tobler, Hans, Teaneck Township, Bergen County, N. J. Embroidered trimming or the like. 136,168; Aug. 17.
- Tobler, Hans, Teaneck Township, Bergen County, N. J. Embroidered trimming or the like. 136,169; Aug. 17.
- Tobler, Hans, Teaneck Township, Bergen County, N. J. Embroidered trimming or the like. 136,170; Aug. 17.
- Tobler, Hans, Teaneck Township, Bergen County, N. J. Embroidered trimming or the like. 136,171; Aug. 17.
- Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 136,211; Aug. 24.
- Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 136,340; Sept. 14.
- Tobler, Hans, Teaneck, N. J. Embroidered lace or the like. 136,469; Oct. 12.
- Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 136,728; Nov. 30.
- Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 136,729; Nov. 30.
- Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 136,823; Dec. 7.
- Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 136,824; Dec. 7.
- Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 136,841; Dec. 14.
- Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 136,863; Dec. 21.
- Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 136,864; Dec. 21.
- Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 136,865; Dec. 21.
- Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 136,866; Dec. 21.
- Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 136,867; Dec. 21.
- Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 136,907; Dec. 28.
- Tobler, Hans, Teaneck, N. J. Embroidered trimming or similar article. 136,908; Dec. 28.
- Todd Company, The. (See Browne, Richard C., assignor.)
- Toledo Steel Products Company, The. (See Wertz, Herbert M., assignor.)
- Tompkins, Albert G., Maplewood, N. J. Shower head or similar article. 134,735; Jan. 5.
- Tone Laboratories, Inc. (See Hirschfeld, Mortimer H., assignor.)
- Townley, Sam F., Memphis, Tenn. Bread slicing board. 135,504; Apr. 27.
- Traina, Anthony, New York, N. Y. Coat. 136,576; Oct. 26.
- Traina, Anthony, New York, N. Y. Dress. 136,082; Nov. 16.
- Trampet, John S., Bethlehem, Pa. Game board. 136,424; Oct. 5.
- Trimz Company. (See Burton, William, assignor.)
- Tripp, Alphonso E., Detroit, Mich. Parallel triangle. 136,090; Aug. 3.
- Tripp, Alphonso E., Detroit, Mich. Isometric drafter. 136,091; Aug. 3.
- Trout, Harry R., Pittsburgh, Pa., assignor to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heater casing or the like. 134,948; Feb. 2.
- Trowell, William J. (See Hickman, Willie L., assignor.)
- Trump, Elno H., Barborton, assignor to Plastic Engineering, Inc., Cleveland, Ohio. Bottle cap. 136,452; Oct. 5.
- Teongas, Alexander G., Wayne, Mich., assignor, by mesne assignments, to Consolidated Ultee Aircraft Corporation, Airport, 136,677; Nov. 16.
- Tucker, Nash, Odessa, Tex. Package wrapping dispenser or the like. 136,476; Oct. 12.
- Tucker, Warren R., Dayton, assignor to The Hydraulic Development Corporation, Inc., Mount Gilead, Ohio. Vane pump. 135,483; Apr. 13.
- Turner, William J., Northport, N. Y. Ruler. 135,418; Apr. 6.
- Turner, William T. (See Dryden, Charles J., assignor.)
- Tyler, Warren L., Zanesville, Ohio. Swinging teapot or article of similar nature. 134,811; Jan. 19.
- Ulrich, Carl E., Chicago, Ill. Bread slicing board. 135,350; Mar. 30.
- U-Need-A-Pak Products Corp. (See Green, Warren B., assignor.)
- Ungar, Joseph, Bronx, N. Y. Icterus index color scale. 136,127; Aug. 10.
- United Aircraft Products, Inc. (See Geddes, Walter H., assignor.)
- United States Gypsum Company. (See Bigler, O. A., and Larsson, assignors.)
- United States Gypsum Company. (See Humphrey, Don R., assignor.)
- United States of America, as represented by Chester C. Davis, administrator of the War Food Administration, and his successors in office. (See Rabkin, Henry, assignor.)
- United States of America, as represented by the Secretary of War. (See Knudsen, William S., assignor.)
- United States of America, as represented by the United States Director of Civilian Defense, Office of Civilian Defense. (See Burn, W. P., and Jurkops, assignors.)
- United States of America, as represented by the United States Director of Civilian Defense. (See Jurkops, Helen L., assignor.)
- Urdang, Maurice, New York, N. Y. Necktie or similar article. 136,104; Aug. 3.
- Urdang, Maurice, New York, N. Y. Necktie or similar article. 136,105; Aug. 3.
- Urdang, Maurice, New York, N. Y. Necktie. 136,229; Aug. 24.
- Urdang, Maurice, New York, N. Y. Necktie. 136,230; Aug. 24.
- Urdang, Maurice, New York, N. Y. Necktie. 136,231; Aug. 24.
- Urdang, Maurice, New York, N. Y. Necktie. 136,232; Aug. 24.
- Urdang, Maurice, New York, N. Y. Necktie. 136,233; Aug. 24.
- Urdang, Maurice, New York, N. Y. Necktie. 136,234; Aug. 24.
- Urdang, Maurice, New York, N. Y. Necktie. 136,235; Aug. 24.
- Urdang, Maurice, New York, N. Y. Necktie. 136,236; Aug. 24.
- Urdang, Maurice, New York, N. Y. Necktie. 136,237; Aug. 24.
- Urdang, Maurice, New York, N. Y. Necktie. 136,238; Aug. 24.
- Urell, Tom M., Tioga, Pa. Electrical connector plug. 136,190; Aug. 17.
- Utley, Ray C., and A. Felchenfeld, Jr., Chicago, Ill. Hat steamer. 135,680; May 11.
- Valentine Textile Corporation. (See Raab, Minnie, assignor.)
- Vallery, Leslie S. (See Ordling, D. and Vallery.)
- Valliant, Nathaniel B., Chicago, Ill. Pin or similar article. 135,531; Apr. 20.

- Valvo, Inc. (See Ordling, D., and Valley, assignors.)
 Van Delfen, Lubbert H., Pella, Iowa. Optical comparator. 136,212; Aug. 24.
 Van Den Borre, Roman, Mishawaka, Ind. Badge or similar article. 134,833; Jan. 19.
 Van Guilder, Walter, River Forest, assignor to Precision Scientific Co., Chicago, Ill. Water still. 135,202; Mar. 9.
 Van Horn, Dale, Lincoln, Nebr. Game board. 135,351; Mar. 30.
 Van Schuck, Leon F., New Orleans, La. Sign board. 138,871; Jan. 26.
 Van Sloten, Charles F., Los Angeles, Calif. Combination baby walker and stroller. 136,530; Oct. 19.
 Van Vactor, Benjamin H., Verona, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Mine rock dusting apparatus. 136,297; Aug. 31.
 Van Vactor, Benjamin H., Verona, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Mine rock dusting apparatus. 136,298; Aug. 31.
 Vassallo, Peter, Avalon, N. J. Refrigerator cabinet. 135,651; May 11.
 Vasselli, Anthony J., Newark, N. J. Gearing hobbing machine. 135,784; June 8.
 Vaughan, F. E. (See Eubanks, Floyd G., assignor.)
 Vaughan, Francis E., et al. (See Eubanks, Floyd G., assignor.)
 Vendope, Van L., New York, N. Y. Portable light fixture. 137,799; Dec. 7.
 Vendope, Van L., New York, N. Y., assignor of thirty-three and one-third per cent to A. A. Baron and thirty-three and one-third per cent to Richard Burdick, both of Dallas, Tex. Portable light fixture. 135,837; June 15.
 Vee, C. K., Newtonville, Mass. Tooth brush. 136,042; July 20.
 Vientnot Marble Company. (See Whitehouse, Louis A., assignor.)
 Verno, Doris, New York, N. Y. Hat. 135,690; May 18.
 Vero, Alexander, Bronx, N. Y. Brick-brac or the like. 136,058; July 27.
 Vertes, Dora, assignor to Heirloom Needlework Guild, Inc., New York, N. Y. Ribbon pocket belt. 135,709; May 18.
 Victor, Ernest G., Elmira, assignor to Jardur Import Company, New York, N. Y. Flight plotting instrument. 135,722; May 25.
 Victor Adding Machine Co. (See Kropp, Willis A., assignor.)
 Victor Electric Products, Inc. (See Spear, Walter A., assignor.)
 Victor Metal Products Corporation. (See Apfelbaum, Huna L., assignor.)
 Vischer, Alfred, Jr., Park Ridge, assignor to Vischer Products Company, Chicago, Ill. Pressure cooker. 136,263; Aug. 31.
 Vischer Products Company. (See Vischer, Alfred, Jr., assignor.)
 Visible Index Corp. (See Ray, Harry S., assignor.)
 Voelz-Peterson Co. (See Magnuson, Raymond A., assignor.)
 Vogel, William M., Montclair, N. J. Spray gun. 136,172; Aug. 17.
 Voglesong, Clyde C., Oakland, Calif. Bung sput. 136,321; Sept. 7.
 Voit, Alfred M., Louisville, Ky. Game board. 135,465; Apr. 13.
 Voit, Alfred M., Louisville, Ky. Deck of playing cards. 135,466; Apr. 13.
 Von Burg, Emil, New York, N. Y. Combination wrist watch and compass and strap therefor. 135,935; May 4.
 Von Rohl, Paul, St. Paul, Minn. Map. 136,173; Aug. 17.
 Voorhis, Gordon D., Rhinebeck, assignor to Voorhis Tiebout Company, Inc., Red Hook, N. Y. Cake of soap. 134,872; Jan. 26.
 Voorhis-Tiebout Company. (See Voorhis, Gordon D., assignor.)
 Vuilleminot, Frederic A., assignor to Te De Vilbiss Company, Toledo, Ohio. Atomizer. 135,365; Mar. 30.
 Vuilleminot, Frederic A., assignor to Te De Vilbiss Company, Toledo, Ohio. Atomizer. 135,366; Mar. 30.
 Vulcan Corporation. (See Clausen, Henry, assignor.)
 Vultee Aircraft, Inc. (See Fontaine, Athanas F., assignor.)
 Wade, John L., assignor of one-third to R. Swanson, Los Angeles, and one-third to W. W. Lake, Pasadena, Calif. Butter mold or similar article. 135,419; Apr. 6.
 Wade, John L., assignor of one-third to R. Swanson, Los Angeles, and one-third to W. W. Lake, Pasadena, Calif. Butter mold or similar article. 136,204; Aug. 24.
 Wagener, Winfield G., Palo Alto, and C. H. Sphar, San Francisco, assignors to Heintz & Kaufman, Ltd., South San Francisco, Calif. Electron discharge transmitting tube. 135,480; Apr. 13.
 Wagener, Winfield G., Palo Alto, and C. H. Sphar, San Francisco, assignors to Heintz & Kaufman, Ltd., South San Francisco, Calif. Electron discharge transmitting tube. 135,481; Apr. 13.
 Wagner, Robert E., Avon Lake, Ohio. Chair or similar article. 135,474; Apr. 13.
 Wagner, Willis H., Kansas City, Mo. Bread slicing board. 136,464; Oct. 12.
 Wahl, Frank F., Monroe, Mich. Sliced bread container or similar article. 136,619; Nov. 9.
 Wahlstrom, Magnus. (See Bannow, R. F., and Wahlstrom.)
 Waldes Koh-I-Noor, Inc. (See Poutinen, Paul T., assignor.)
 Walker, Joset L., New York, N. Y. Dress. 135,503; Apr. 13.
 Walker, Joset L., New York, N. Y. Dress. 135,504; Apr. 13.
 Walker, Joset, New York, N. Y. Dress. 136,117; Aug. 3.
 Walker, Joset, New York, N. Y. Dress. 136,118; Aug. 3.
 Walker, Joset, New York, N. Y. Dress. 136,119; Aug. 3.
 Walker, Joset, New York, N. Y. Dress. 136,120; Aug. 3.
 Walker, Joset, New York, N. Y. Dress. 136,144; Aug. 10.
 Walker, Joset, New York, N. Y. Dress. 136,145; Aug. 10.
 Walker, Joset, New York, N. Y. Dress. 136,146; Aug. 10.
 Walker, Joset, New York, N. Y. Dress. 136,153; Aug. 10.
 Walker, Joset, New York, N. Y. Dress. 136,326; Sept. 7.
 Walker, Joset, New York, N. Y. Jumper dress. 136,362; Sept. 14.
 Walker, Joset, New York, N. Y. Jumper dress. 136,363; Sept. 14.
 Walker, Joset, New York, N. Y. Jumper dress. 136,364; Sept. 14.
 Walker, Joset, New York, N. Y. Jumper dress. 136,365; Sept. 14.
 Walker, Joset, New York, N. Y. Stocking. 136,442; Oct. 5.
 Walker, Joset, New York, N. Y. Sweater. 136,443; Oct. 5.
 Walker, Joset, New York, N. Y. Play suit. 136,860; Dec. 14.
 Wallace, Donald A., Washington, D. C. Tent stake. 135,584; Apr. 27.
 Wallace, Donald A., Washington, D. C. Bridge lamp. 135,805; June 8.
 Wallis, Marvin E., San Mateo, assignor to Brucon Company, San Francisco, Calif. Hydraulic pump. 136,897; Dec. 21.
 Waltman, Chauncey E., assignor to Sandel Manufacturing Co., Chicago, Ill. Table. 134,725; Jan. 5.
 Waltman, Chauncey E., assignor to Sandel Manufacturing Co., Chicago, Ill. Table. 134,978; Feb. 9.
 Wanatik, Samuel H., New York, N. Y. Badge or the like. 136,470; Oct. 12.
 Wandt, Carl, New York, N. Y. Lapel ornament or similar article. 135,121; Feb. 23.
 Wandt, Carl, New York, N. Y. Lapel ornament or similar article. 135,122; Feb. 23.
 Wandt, Carl, New York, N. Y. Lapel ornament or similar article. 136,092; Aug. 3.
 Wandt, Carl, New York, N. Y. Lapel ornament or similar article. 136,902; Dec. 28.
 Warner, Orson C., Worthington, Ohio. Bumper. 136,356; Sept. 14.
 Warren, William B., Mount Lebanon, assignor to Fisher Scientific Company, Pittsburgh, Pa. Combined funnel and filter holder. 135,952; July 6.
 Wasserman, Irving, Brooklyn, N. Y. Lady's slip or similar article. 135,269; Mar. 16.
 Waterman, Arthur, Philadelphia, Pa. Tie rack. 135,467; Apr. 13.
 Waterman, Arthur, Philadelphia, Pa. Hanging shelf. 136,722; Nov. 30.
 Waterman, Arthur E., assignor to James Manufacturing Company, Fort Atkinson, Wis. Portable building. 135,758; June 1.
 Watkins, Charles W., Kingston, Pa. Display device or similar article. 136,374; Sept. 21.
 Watson, Harold D., Beloit, assignor to Falls Plastics Company, Sheboygan Falls, Wis. Toilet seat hinge. 136,322; Sept. 7.
 Watson, Harold D., Beloit, assignor to Falls Plastics Company, Sheboygan Falls, Wis. Toilet seat hinge. 136,323; Sept. 7.
 Watt, Percy G., Palmerston, Ontario, Canada. Combined toothbrush, case, and dentifrice container. 136,566; Oct. 26.
 Watt, Percy G., Palmerston, Ontario, Canada. Container for toothbrushes or the like. 136,567; Oct. 26.
 Watts, Garland E. (See Accardi, J. V., and Watts.)
 Waynack, Marlin, Richmond, Va., assignor to Mittel-dorfer Straus, New York, N. Y. Wall bracket. 135,511; Apr. 20.
 Weber, John, Milton, assignor to Hamilton Watch Company, Lancaster, Pa. Workbench. 134,726; Jan. 5.
 Weber, John, Milton, assignor to Hamilton Watch Company, Lancaster, Pa. Desk. 134,727; Jan. 5.
 Weber, Karl B., III, Pittsburgh, Pa. Combined tobacco tin holder and ash receiver. 134,899; Jan. 26.
 Weber, Max, Chicago, Ill. Air circulator. 135,211; Mar. 9.
 Wechsler, Semmy S., New York, N. Y. Combined manicure implement and nail file. 135,984; July 13.
 Wed, Ruby, Richmond Hill, N. Y. Hat. 134,882; Jan. 26.
 Weekley, Thomas J., Jacobsburg, Ohio. Expanding sleeve hanger. 135,143; Mar. 2.
 Weidenhoff, Joseph, Inc. (See Haskins, Butler J., assignor.)

- Weigel, Garnet J., San Francisco, Calif. Book match pocket. 134,728; Jan. 5.
- Weigel, Norman E., Short Hills, N. J. Fountain pen. 135,498; Apr. 13.
- Wells, Lewis P., Cynwdd, Pa. Flower holder. 135,723; May 25.
- Wengart, Richard I. N., Glen Head, N. Y. Retaining ring for an instrument casing. 136,823; Dec. 7.
- Weinger, Irving, Brooklyn, and S. Wilder, assignors to J. Wilder & Co., New York, N. Y. Correspondence portfolio. 135,393; Mar. 30.
- Weinstein, Herman, New York, N. Y. Billfold. 136,093; Aug. 3.
- Weisbender, Eugene R., and R. N. Brown, Dayton, Ohio. Hat. 136,604; Nov. 2.
- Weiss, Joseph, New York, N. Y. Stuffed doll or similar article. 135,212; Mar. 9.
- Weissman, Carl, Bronx, N. Y. Combined jewelry display tray and wrapping paper unit. 135,512; Apr. 20.
- West, Mildred E., New York, N. Y. Hat. 135,113; Feb. 23.
- Welch, William W. (See Fukal, Alfred F., assignor.)
- Welding Tools & Engineering Corp. (See Smith, Richard F., assignor.)
- Welter, Matthew J., Pell Lake, Wis. Key holder. 134,788; Jan. 12.
- Wetzel, John A., Cedar Grove, assignor to Specialties Manufacturing Company, Inc. Bloomfield, N. J. Device for making carbon dioxide snow. 135,532; Apr. 20.
- Wertz, Herbert M., assignor to The Toledo Steel Products Company, Toledo, Ohio. Placeholder or the like. 135,746; Jan. 1.
- Wesley, Helen M. (See Wesley, William J., assignor.)
- Wesley, William J., assignor to H. M. Wesley, Oakland, Calif. Calculator. 134,826; Jan. 19.
- Westheim, David, New York, N. Y. Dress. 136,247; Aug. 24.
- Westinghouse Electric & Manufacturing Company. (See Felver, Richard L., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Haas, C. E., and Yungman, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Krueck, Ralph E., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Russell, William J., assignor.)
- Westinghouse Electric & Manufacturing Company. (See Wilchick, B. C., and Haas, assignors.)
- Westinghouse Electric & Manufacturing Company. (See Young, D. A., and Thomander, assignors.)
- Westmore, Florence E., North Hollywood, Calif. Hat. 136,678; Nov. 16.
- Weston, Alexander S., New York, N. Y. Casing for a lighter or similar article. 135,385; Mar. 30.
- Weston, Alexander S., New York, N. Y. Fluted cigarette holder. 136,026; July 20.
- Weston, Alexander S., New York, N. Y. Full opening lighter. 136,043; July 20.
- Weston, Alexander S., New York, N. Y. Center striped cigarette lighter. 136,740; Nov. 30.
- Weir, Don C., Wichita, Kans. Tire branding iron. 135,979; July 15.
- Wheeler, William N., Paris, Ky. Toy vehicle. 136,538; Oct. 19.
- Whipple, Clyde S., Los Angeles, Calif., assignor to A. H. Heisey & Company, Newark, Ohio. Glass liner for a compartment or article of similar nature. 136,049; July 27.
- Whisler, Ardo L., Port Huron, Mich. Glove display stand. 135,277; Mar. 23.
- Wib, Calvin N., Bakersfield, Calif. Airplane. 136,664; Nov. 16.
- White, Otto R., New York, N. Y. Finger rest. 125,041; Feb. 16.
- White, Paul W., Fort Lauderdale, Fla., assignor to Parva Products Company, Chicago, Ill. Buckle. 136,412; Sept. 28.
- White, Paul W., Fort Lauderdale, Fla., assignor to Parva Products Company, Chicago, Ill. Buckle. 136,413; Sept. 28.
- White, Paul W., Fort Lauderdale, Fla., assignor to Parva Products Company, Chicago, Ill. Buckle. 136,414; Sept. 28.
- White, Paul W., Fort Lauderdale, Fla., assignor to Parva Products Company, Chicago, Ill. Buckle. 136,415; Sept. 28.
- White, Paul W., and W. R. Kent, Fort Lauderdale, Fla., assignors to Parva Products Company, Chicago, Ill. Buckle. 136,586; Nov. 2.
- White, Paul W., and W. R. Kent, Fort Lauderdale, Fla., assignors to Parva Products Company, Chicago, Ill. Buckle. 136,587; Nov. 2.
- White, Paul W., and W. R. Kent, Fort Lauderdale, Fla., assignors to Parva Products Company, Chicago, Ill. Buckle. 136,588; Nov. 2.
- White, Paul W., and W. R. Kent, Fort Lauderdale, Fla., assignors to Parva Products Company, Chicago, Ill. Buckle. 136,589; Nov. 2.
- White, Paul W., and W. R. Kent, Fort Lauderdale, Fla., assignors to Parva Products Company, Chicago, Ill. Buckle. 136,590; Nov. 2.
- White, Woodrow W., Burbank, Calif. Tool tray or similar article. 135,108; Feb. 23.
- Whitehouse, Louis A., assignor to Vermont Marble Company, Proctor, Vt. Memorial roll monument. 136,764; Dec. 7.
- Whitehouse, Louis A., assignor to Vermont Marble Company, Proctor, Vt. Memorial roll monument. 136,765; Dec. 7.
- Whitehouse, Louis A., assignor to Vermont Marble Company, Proctor, Vt. Memorial roll monument. 136,766; Dec. 7.
- Whitehouse, Louis A., assignor to Vermont Marble Company, Proctor, Vt. Memorial roll monument. 136,767; Dec. 7.
- Whitehouse, Louis A., assignor to Vermont Marble Company, Proctor, Vt. Memorial roll monument. 136,768; Dec. 7.
- Whitehouse, Louis A., assignor to Vermont Marble Company, Proctor, Vt. Memorial roll monument. 136,769; Dec. 7.
- Whitehouse, Louis A., assignor to Vermont Marble Company, Proctor, Vt. Memorial roll monument. 136,770; Dec. 7.
- Widder, J., & Co. (See Weinger, I., and Widder, assignors.)
- Widder, Samuel. (See Weinger, I., and Widder.)
- Wiener, Jack, New York, N. Y. Embroidered lace. 135,214; Mar. 9.
- Wiener, Jack, New York, N. Y. Embroidered lace. 135,433; Apr. 6.
- Wiener, Jack, New York, N. Y. Embroidered lace. 135,645; May 4.
- Wiener, Jack, New York, N. Y. Embroidered lace. 135,646; May 4.
- Wiener, Jack, New York, N. Y. Embroidered lace. 135,800; June 8.
- Wiener, Jack, New York, N. Y. Embroidered lace. 136,403; Sept. 28.
- Wiener, Jack, New York, N. Y. Embroidered lace. 136,842; Dec. 14.
- Wiener, Jack, New York, N. Y. Embroidered lace. 136,843; Dec. 14.
- Wiener, Jack, New York, N. Y. Embroidered lace. 136,844; Dec. 14.
- Wiener, Jack, New York, N. Y. Embroidered lace. 136,845; Dec. 14.
- Wiener, Jack, New York, N. Y. Embroidered lace. 136,846; Dec. 14.
- Wiener, Jack, New York, N. Y. Embroidered lace. 136,909; Dec. 28.
- Wiener, Philip, New York, N. Y. Embroidered lace. 135,001; Feb. 9.
- Wiener, Philip, New York, N. Y. Embroidered lace. 135,123; Feb. 23.
- Wiesen, Henry, New York, N. Y. Dress. 134,851; Jan. 19.
- Wiesen, Henry, New York, N. Y. Dress. 134,852; Jan. 19.
- Willcox, Vincent A., Modesto, assignor to The Pneumatic Shear Company, Turlock, Calif. Sheep shearing device. 135,846; June 22.
- Wilde, Hans W., North Bergen, N. J. Textile fabric. 135,374; Mar. 30.
- Wilde, Hans W., North Bergen, N. J. Textile fabric. 135,394; Mar. 30.
- Wilde, Hans W., North Bergen, N. J. Textile fabric. 135,395; Mar. 30.
- Wiley, Lee M., assignor of one-third to J. T. Lett and one-third to R. B. Wiley, Marion, Ind. Container for paste, powder and the like. 134,736; Jan. 5.
- Wiley, Reiley B., et al. (See Wiley, Lee M., assignor.)
- William, Arthur H., Tower, Minn. Combination tool. 135,759; June 4.
- Willard, Robert C., U. S. Navy, Washington, D. C. Aircraft recognition card deck. 135,716; May 25.
- Williams, Alfred L. W., Cleveland Heights, and D. E. Rutter, East Cleveland, assignors to The Brush Development Company, Cleveland, Ohio. Earphone. 135,674; May 11.
- Williams, Cartha, Chicago, Ill. Combined rotisserie and display device. 136,597; Nov. 2.
- Williams, Findley, Northbrook, Ill., assignor to W. L. Stensgaard & Associates, Inc. Child's vehicle. 135,883; June 29.
- Williams, Findley, Northbrook, Ill., assignor to W. L. Stensgaard & Associates, Inc. Coaster vehicle. 135,884; June 29.
- Williams, John H., assignor of one-third to P. E. Flood and one-third to C. J. Crossland, Zanesville, Ohio. Service pin. 135,162; Mar. 2.
- Williams, Russell J., assignor to Kensington Steel Company, Chicago, Ill. Retainer lifter bar for a grinding mill. 136,478; Oct. 12.
- Williams, Tennie L., Epworth, Ga. Combined towel and wash cloth rack or similar article. 136,264; Aug. 31.
- William, William G., Anaheim, Calif. Tie rack. 135,589; Apr. 27.
- Williams, William G., Anaheim, Calif. Tie rack. 135,656; May 11.
- Williamson, Fred E., Chicago, Ill. Phonograph needle. 135,953; July 6.
- Williamingham, Benjamin H., Nashville, Tenn. Polish kit. 136,270; Mar. 26.
- Willis, Mary L., Pueblo, Colo. Badge or similar article. 136,598; Nov. 2.
- Willys-Overland Motors, Inc. (See Roos, Delmar G., assignor.)
- Wilmsen, Bernard. (See Schmid, Albert P., assignor.)
- Wilson, C. Kenneth. (See Norton, L. D., and Wilson.)

- Wilson, Crawford L., Beckley, W. Va. Device for centering shafts, drills, or the like. 136,861; Dec. 14.
- Wilson, Delbert I. (See Joyce, W. E., Himes, and Wilson.)
- Wilson, Robert W., et al. (See Smith, Merton J., assignor.)
- Wiltse, Norris G., Jr., and G. Sinkule, Ypsilanti, Mich. Game board or the like. 135,124; Feb. 23.
- Winkler, Frederic C., Lakewood, and C. F. Haas, Cleveland, Ohio, assignors to Westinghouse Electric & Manufacturing Company. Luminaire. 135,386; Mar. 30.
- Winner, Alton T., Oaklyn, N. J. Receptacle for toothbrushes and the like. 135,552; Apr. 20.
- Wittenberg, Edward H., assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure gauge. 136,205; Aug. 24.
- Witz, Noel, assignor to Davis & Catterall, New York, N. Y. Hat. 136,334; Sept. 7.
- Woglrich, Joseph, Walnutport, Pa. Convertible tricycle. 135,929; July 6.
- Wolcott, Frank E., West Hartford, assignor to The Silex Company, Hartford, Conn. Combined coffee and tea maker. 136,404; Sept. 28.
- Wolf, Richard J., and J. G. Dunville, assignors to Sears, Roebuck and Co., Chicago, Ill. Water heater. 135,224; Mar. 9.
- Wolf, Semon, New York, N. Y. Slip. 135,989; July 13.
- Wolf, Semon, New York, N. Y. Slip. 136,417; Sept. 28.
- Wolfe, Raymond M., Louisville, Ky. Combined shawl and head covering. 134,970; Feb. 2.
- Wollenberger, Alfred, assignor to Mutual Sample Card Corporation, New York, N. Y. Combined photograph and correspondence holder. 136,862; Dec. 14.
- Wonder Products Co. (See Lenz, Norbert.)
- Woock, Walter R. J., Auburn, Calif. Clothespin. 136,737; Nov. 30.
- Wood, Carl L., Richmond, Calif. Welding electrode holder. 136,479; Oct. 12.
- Wood-Flex Fashions Inc. (See Kalisher, Benjamin, assignor.)
- Wood, Glenn D., assignor to Posture Research Corporation, Elkhart, Ind. Combined seat and back rest for a chair or the like. 135,773; June 8.
- Wood Items, Inc. (See Mutch, James B., assignor.)
- Woodlin Metal Products Company. (See Murray, Herman D., assignor.)
- Woods, Robert J., Grand Island, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Helicopter. 135,434; Apr. 6.
- Woods, Robert J., Grand Island, assignor to Bell Aircraft Corporation, Buffalo, N. Y. Airplane. 136,580; Oct. 26.
- Woodward, Alan McC., Sydney, New South Wales, Australia. Domestic bucket. 136,896; Dec. 21.
- Woolums, Virgil H., St. Petersburg, Fla. Handbag. 134,737; Jan. 5.
- Worley, Ernest W., Kansas City, Kans., assignor to Consolidated Razor Blade Co., Inc., Jersey City, N. J. Combined razor and cradle. 134,979; Feb. 9.
- Worthley, Edwin C., Minneapolis, Minn. Motor generator set cabinet. 135,939; July 6.
- Wright, Margaret A. (See Brooks, S. H., and Wright.)
- Wright, Wallace C., Brookfield, N. H. Sewing rib for attachment to insoles. 136,226; Aug. 24.
- Wright, Wallace C., Brookfield, N. H. Insole. 136,227; Aug. 24.
- Wright, William R., Dedham, assignor to Bird & Son, Inc., East Walpole, Mass. Insulating siding corner unit. 135,475; Apr. 13.
- Wright, William R., Dedham, assignor to Bird & Son, Inc., East Walpole, Mass. Insulating siding corner unit. 135,476; Apr. 13.
- Wright, William R., Dedham, assignor to Bird & Son, Inc., East Walpole, Mass. Insulating siding corner unit. 135,477; Apr. 13.
- Writzmann, Alex A. (See Millermaster, R. A., and Wulsin.)
- Wulsin, Frederick R., Providence, R. I. Helmet. 135,765; June 1.
- Wulsin, Frederick R., Providence, R. I. Brim for a helmet. 136,471; Oct. 12.
- Yale & Towne Manufacturing Company, The. (See Holland, G., and Framhein, assignors.)
- Yarborough, William P., Fort Bragg, N. C. Parachutist's badge. 134,963; Feb. 2.
- Yard-Man, Inc. (See Funk, Truman B., assignor.)
- Yoshikawa, Ivan H., Manzanar, Calif. Shower brush. 136,599; Nov. 2.
- Young, Douglas A., East Orange, and V. S. Thomander, Maplewood, assignors to Westinghouse Electric & Manufacturing Company. Cover for an instrument casing. 136,063; July 27.
- Young, Samuel W. (See Brown, W. H., and Young.)
- Youngusband, James L., Chicago, Ill. Combined bottle, closure cap, and applicator. 135,236; Mar. 9.
- Youngusband, James L., Chicago, Ill. Lipstick case. 136,306; Sept. 7.
- Youngusband, James L., Chicago, Ill. Hand lotion bottle. 136,480; Oct. 12.
- Yother, John D., Aberdeen Proving Grounds, Md. Badge or the like. 135,387; Mar. 30.
- Yuill, James S., Prince Albert, Saskatchewan, Canada. Roller skate. 134,931; Feb. 2.
- Yungman, Elroy W. (See Haas, C. F., and Yungman.)
- Zahn, Philip, New York, N. Y. Dress. 135,553; Apr. 20.
- Zahn, Samuel, New York, N. Y. Dress. 134,770; Jan. 5.
- Zahn, Samuel, New York, N. Y. Dress. 134,771; Jan. 5.
- Zahn, Samuel, New York, N. Y. Dress. 134,900; Jan. 26.
- Zahn, Samuel, New York, N. Y. Dress. 135,180; Mar. 2.
- Zahn, Samuel, New York, N. Y. Dress. 135,181; Mar. 2.
- Zahn, Samuel, New York, N. Y. Dress. 135,234; Mar. 9.
- Zahn, Samuel, New York, N. Y. Jacket. 135,235; Mar. 9.
- Zahn, Samuel, New York, N. Y. Dress. 135,403; Mar. 30.
- Zahn, Samuel, New York, N. Y. Dress. 135,505; Apr. 13.
- Zahn, Samuel, New York, N. Y. Jacket. 135,779; June 8.
- Zahn, Samuel, New York, N. Y. Dress. 135,954; July 6.
- Zahn, Samuel, New York, N. Y. Dress. 135,955; July 6.
- Zahn, Samuel, New York, N. Y. Dress. 136,248; Aug. 24.
- Zahn, Samuel, New York, N. Y. Dress. 136,299; Aug. 31.
- Zahn, Samuel, New York, N. Y. Dress. 136,366; Sept. 14.
- Zahn, Samuel, New York, N. Y. Dress. 136,399; Sept. 21.
- Zahn, Samuel, New York, N. Y. Dress. 136,490; Oct. 12.
- Zanderer, Belle, New York, N. Y. Dress. 134,853; Jan. 19.
- Zanderer, Belle, New York, N. Y. Dress. 135,133; Feb. 23.
- Zanderer, Belle, New York, N. Y. Dress. 135,134; Feb. 23.
- Zavolner, Leo, Brooklyn, N. Y. Hose supporter. 135,278; Mar. 23.
- Zenith Radio Corporation. (See Budlong, Robert D., assignor.)
- Zenner, Walter J., Des Plaines, and R. A. Larsson, assignors to Teletype Corporation, Chicago, Ill. Printing telegraph cabinet unit. 134,738; Jan. 5.
- Zetterberg, Arvid P., New Castle, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Shovel rack. 135,657; May 11.
- Zide, Samuel, Lynn, Mass. Shoe or similar article. 134,822; Jan. 19.
- Zimmer, Myron J., Wood Dale, assignor to The Edward Katzinger Company, Chicago, Ill. Handle for kitchen utensils or similar articles. 135,565; Apr. 27.
- Zimmer, Myron J., Wood Dale, assignor to The Edward Katzinger Company, Chicago, Ill. Handle for kitchen utensils or similar articles. 135,566; Apr. 27.
- Zimmerman, Edgar H., Chicago, Ill. Shoe rack. 135,888; June 29.
- Zimmerman, Jack, New York, N. Y. Separable fur scarf. 135,420; Apr. 6.
- Zinaman, Charles, New York, N. Y. Nightgown. 136,053; July 27.
- Zinaman, Murray, New York, N. Y. Slip. 135,431; Apr. 6.
- Zipp, Harold W. (See Hudson, V. L., and Zlipp.)
- Zlatohlavsek, Rudolph, Manitowoc, Wis. Badge or similar article. 134,987; Feb. 9.
- Zuckerman, Harry, New York, N. Y. Skirt. 135,494; Apr. 13.
- Zuckerman, Harry, New York, N. Y. Coat. 136,925; Dec. 28.
- Zuk, Joseph, Chicago, Ill. Comb cleaner. 135,809; June 8.

LIST OF DISCLAIMERS

- Abbott, Edward J., Wilton, N. H. Disclaimer filed by the assignee, Abbott Machine Company. No. 2,160,810; disclaimer filed Sept. 20, 1943; v. 555; p. 329.
- Adams, Elmer Wade, et al., Hammond, Ind. Disclaimer filed by the assignee, Standard Oil Company, (Indiana). No. 2,270,241; disclaimer filed June 3, 1943; v. 551; p. 727.
- Albertson, Frank Osborn, Sioux City, Iowa. Disclaimer filed by the assignee, Albertson & Company, Inc. No. 2,292,261; disclaimer filed Sept. 16, 1943; v. 555; p. 329.
- Anderson, Helmer, Minneapolis, Minn. Disclaimer filed by the inventor; the assignee, General Mills Inc., assenting. No. 1,772,824; disclaimer filed May 17, 1943; v. 551; p. 369.
- Anderson, James L., Closter N. J. Disclaimers filed by the assignee, Air Reduction Company, Inc. Nos. 2,258,670, 2,277,054, and 2,277,472; disclaimers filed Sept. 11, 1943; v. 553; pp. 568 and 557, and v. 555; p. 153.
- Barler, Richard C., and Carl Burkhard, Goshen, Ind. Disclaimer filed by the assignee, Continental Scale Corporation. No. 2,066,243; disclaimer filed Feb. 25, 1943; v. 548; p. 595.
- Barnes, John S., and Paul R. Guirl, Rockford, Ill. Disclaimers filed by the assignee, Odin Corporation. Nos. 2,042,379 and 2,020,868; disclaimers filed Sept. 24, 1943; v. 555; p. 539, and v. 556; p. 169.
- Barnes, John S., Paul R. Guirl, and George C. Johnson, Rockford, Ill. Disclaimer filed by the assignee, Odin Corporation. No. 2,098,220; disclaimer filed Sept. 24, 1943; v. 556; p. 169.
- Barnes, Walter C., Lake Bluff, and Henry W. Koevel, Highland Park, Ill. Disclaimer filed by the inventors. No. 2,317,720; disclaimer filed Nov. 1, 1943; v. 556; p. 521.
- Barry, James J., Halifax, Nova Scotia. Disclaimer filed by the assignee, General Foods Corporation. No. 1,822,121; disclaimer filed Mar. 17, 1943; v. 549; p. 202.
- Bedford, Jr., William A., Hingham, Mass. Disclaimer filed by the assignee, United-Carr Fastener Corporation. No. 2,322,614; disclaimer filed Aug. 10, 1943; v. 553; p. 757.
- Benner, Raymond C., Henry P. Kirchner, and Romie L. Melton, Niagara Falls, N. Y. Disclaimer filed by the assignee, The Carborundum Company. No. 2,049,535; disclaimer filed Feb. 11, 1943; v. 548; p. 411.
- Beringer, Roscoe, Detroit, Mich. Disclaimer filed by the inventor; the assignee, General Motors Corporation, assenting. No. 2,275,718; disclaimer filed Aug. 13, 1943; v. 554; p. 380.
- Bible, John L., Tulsa, Okla. Disclaimer filed by the assignee, Stanolind Oil and Gas Company. No. 2,225,582; disclaimer filed Oct. 22, 1943; v. 556; p. 337.
- Birdseye, Clarence, Gloucester, Mass. Disclaimer filed by the assignee, General Foods Corporation. No. 1,773,079; disclaimer filed Mar. 17, 1943; v. 549; p. 202.
- Blanc, Adolph I., Coldwater, Mich. Disclaimer filed by the assignee, David W. Blanc. No. 2,256,606; disclaimer filed June 23, 1943; v. 552; p. 367.
- Blanton, William B., Merrick, N. Y. Disclaimer filed by the assignee, The Western Union Telegraph Company. No. 2,227,121; disclaimer filed July 3, 1943; v. 553; p. 1.
- Blondeau, Ernest E., Tulsa, Okla. Disclaimer filed by the assignee, Geophysical Research Corporation. No. 2,310,611; disclaimer filed Nov. 24, 1943; v. 557; p. 422.
- Bodde, Bernard M., Hollywood, Calif. Disclaimer filed by the assignee, Flat Light Screen Co. No. 2,133,076; disclaimer filed Mar. 19, 1943; v. 549; p. 379.
- Boyer, William R., Oakmont, Pa. Disclaimer filed by the assignee, Blaw-Knox Company. No. 2,268,693; disclaimer filed June 17, 1943; v. 552; p. 185.
- Brace, George A., Winnetka, Ill. Disclaimer filed by the assignee, The Hoover Company. Nos. 2,303,817 and 2,240,178; disclaimers filed Apr. 12, 1943; v. 550; p. 10.
- Bridgeman, Walter A., and John Alan Schade, Owego, N. Y. Disclaimer filed by the assignee, Franklin Research Co. No. 1,943,468; disclaimer filed Oct. 2, 1943; v. 555; p. 539.
- Burnett, Richard W., Chicago, Ill. Disclaimers filed by Marie C. Burnett, executrix of the estate of Richard W. Burnett. Nos. 1,848,822, 1,879,974, 1,911,057, 1,963,115, and 2,054,651; disclaimers filed Apr. 12, 1943; v. 550; p. 562.
- Caldwell, Frank W., et al., Hartford, Conn. Disclaimer filed by the assignee, United Aircraft Corporation. No. 2,308,488; disclaimer filed July 22, 1943; v. 553; p. 568.
- Cameron, Hugh M., New York, N. Y. Disclaimer filed by the assignee, Continental Scale Corporation. No. 1,646,009; disclaimer filed Feb. 25, 1943; v. 548; p. 595.
- Chandler, Milton E., Detroit, Mich. Disclaimer filed by the assignee, Chandler-Evans Corporation. No. 2,224,472; disclaimer filed June 24, 1943; v. 552; p. 185.
- Cheesman, Richard D., and Richard Bernhard, Allentown, Pa. Disclaimer filed by the assignee, Traylor Engineering & Manufacturing Company. No. 2,218,873; disclaimer filed June 23, 1943; v. 552; p. 185.
- Clark, Thomas B., Rockford, Ill. Disclaimer filed by the assignee, The Permutt Company. No. 2,111,169; disclaimer filed Sept. 28, 1943; v. 553; p. 539.
- Cover, Harvey S., South Bend, Ind. Disclaimers filed by the inventor. Nos. 2,000,064 and 2,120,230; disclaimers filed Mar. 20, 1943; v. 549; p. 202.
- Crawford, Thomas J., Youngstown, Ohio. Disclaimer filed by the assignee, Republic Steel Corporation. No. 2,256,455; disclaimer filed Mar. 1, 1943; v. 548; p. 763.
- Crowe, John J., Westfield, N. J. Disclaimers filed by the assignee, Air Reduction Company, Incorporated. No. 2,208,211, 2,208,212, and 2,282,942; disclaimers filed Apr. 16, 1943 and June 17, 1943; v. 550; p. 380; and v. 552; p. 185.
- Davis, George L., Binghamton, and Lloyd W. Moulton, Syracuse, N. Y. Disclaimer filed by the assignee, Nineteen Hundred Corporation. No. 2,179,715; disclaimer filed June 11, 1943; v. 552; p. 1.
- Desfachelles, Alexandre, A. Ronchin, Nord, France. Disclaimer filed by the assignee, General Electric Company. No. 2,224,596; disclaimer filed June 23, 1943; v. 552; p. 155.
- Dodge, Wesley W., Oakland, Calif. Disclaimer filed by the assignee, Paterson Pacific Parchment Co., the inventor approving. Re. No. 21,144; disclaimer filed Sept. 6, 1943; v. 555; p. 153.
- Driggs, Louis L., New Rochelle, N. Y., and Henry B. Faber, New York, N. Y. Disclaimer filed by Jarriet J. Muelistser, executrix of said Faber, deceased, and Ethel L. Driggs, executrix of said Driggs, deceased. No. 1,712,583; disclaimer filed Dec. 3, 1942; v. 546; p. 211.
- Egloff, Gustav, Chicago, Ill. Disclaimer filed by the assignee, Universal Oil Products Company. No. 2,282,855; disclaimer filed Oct. 23, 1943; v. 556; p. 521.
- Fancoslow, John, Appleton, Wis. Disclaimer filed by the assignee, K. C. M. Company. No. 2,257,373; disclaimer filed Oct. 21, 1943; v. 556; p. 337.
- Fisher, John H., Jersey City, N. J. Disclaimer filed by the assignee, Solar Manufacturing Corporation. No. 2,271,292; disclaimer filed Feb. 5, 1943; v. 548; p. 1.
- Floyd, Frederick K., Denver, Colo. Disclaimer filed by the assignee, General Electric Company. No. 2,292,113; disclaimer filed Oct. 2, 1943; v. 556; p. 6.
- Forster, Albert E., Wilmington, Del. Disclaimer filed by the assignee, Hercules Powder Company. No. 2,261,985; disclaimer filed May 11, 1943; v. 551; p. 10.
- Frank, William H., Detroit, Mich. Disclaimer filed by Bulldog Electric Products Co., assignee. No. 2,059,988; disclaimer filed Mar. 15, 1943; v. 549; p. 1.
- Frank, William H., and Joseph W. Harper, Detroit, Mich. Disclaimer filed by Bulldog Electric Products Co., assignee. No. 2,041,675; disclaimer filed Mar. 15, 1943; v. 549; p. 1.
- Franzen, James F., Chicago, Ill. Disclaimer filed by the assignee, Air Reduction Company, Incorporated. No. 2,269,526; disclaimer filed July 31, 1943; v. 553; p. 568.
- Freeman, Robert L., Flushing, N. Y. Disclaimer filed by the inventor; the assignee, Hazeltine Corporation, assenting. No. 2,261,800; disclaimer filed Sept. 2, 1943; v. 554; p. 531.
- Freund, Erwin O., Chicago, Ill. Disclaimer filed by the assignee, The Visking Corporation. No. 1,959,978; disclaimer filed Jan. 23, 1943; v. 547; p. 397.
- Garrison, Allen D., Houston, Tex. Disclaimers filed by the assignee, The Texas Company. Nos. 2,241,253 and 2,246,725; disclaimers filed Sept. 22, 1943; v. 555; p. 329.
- Gelbman, Louis, Yonkers, N. Y. Disclaimer filed by the inventor, and the assignee of part interest, Hamlin F. Andrus. No. 1,867,144; disclaimer filed Dec. 4, 1943; v. 557; p. 581.
- Getty, Ralph J., Pittsburgh, Pa. Disclaimer filed by the inventor; the assignee, William J. Miller, assenting. No. 2,139,362; disclaimer filed Mar. 17, 1943; v. 549; p. 202.
- Goodwin, Clayton, Denver, Colo. Disclaimer filed by the assignee, American Telephone and Telegraph Company. No. 2,257,677; disclaimer filed Apr. 17, 1943; v. 550; p. 380.
- Grayson, John H., Southgate, Calif. Disclaimer filed by the assignee, Grayson Heat Control Ltd. No. 1,699,468; disclaimer filed June 4, 1943; v. 552; p. 185.
- Grayson, John H., Lynwood, Calif. Disclaimer filed by the assignee, Grayson Heat Control Ltd. No. 1,957,774; disclaimer filed June 4, 1943; v. 552; p. 185.
- Groene, William F., et al., Cincinnati, Ohio. Disclaimer filed by the inventors; the assignee, The R. K. Le Blond Machine Tool Company, assenting. Re. No. 22,174; disclaimer filed May 10, 1943; v. 551; p. 10.

- Heim, Lewis R., Danbury, Conn. Disclaimer filed by the inventor. No. 1,943,864; disclaimer filed Sept. 3, 1943; v. 554; p. 531.
- Heim, Lewis R., Dora, Fla. Disclaimers filed by the inventor. Nos. 2,080,609 and 2,102,460; disclaimers filed Sept. 3, 1943; v. 554; p. 531.
- Hodgkins, Charles H., Fairfield, Conn. Disclaimer filed by the inventor; the assignee, the Bryant Electric Company, consenting. No. 2,295,657; disclaimer filed Aug. 25, 1943; v. 554; p. 380.
- Holm, Melvin M., San Francisco, Calif. Disclaimer filed by the assignee, Standard Oil Company of California. No. 2,244,556; disclaimer filed April 3, 1943; v. 550; p. 10.
- Holman, Rudolph, Chicago, Ill. Disclaimer filed by the assignee, Dixie-Vortex Company. No. 1,594,617; disclaimer filed Jan. 18, 1943; v. 547; p. 397.
- Holmes, Morris P., Claremont, N. H. Disclaimer filed by the assignee, Sullivan Machinery Company. No. 1,704,665; disclaimer filed Jan. 9, 1943; v. 547; p. 5.
- Huffer, George H., Grosse Pointe, Mich. Disclaimer filed by the assignee, Thompson Products, Incorporated. No. 2,317,132; disclaimer filed Oct. 4, 1943; v. 556; p. 169.
- Ingram, Joseph R., Nitro, W. Va. Disclaimer filed by the assignee, Monsanto Chemical Company; No. 2,285,032; disclaimer filed March 27, 1943; v. 550; p. 3.
- Johnson, Robert H., Morgantown, W. Va. Disclaimer filed by the inventor. No. 2,203,572; disclaimer filed Mar. 22, 1943; v. 549; p. 202.
- Jones, Charles, High Point, N. C. Disclaimers filed by the assignee, Pearson Sanding Machine Company. Nos. 2,167,573 and 2,183,725; disclaimers filed Feb. 10, 1943; v. 548; p. 209.
- Kap, Ira C., Cleveland, Ohio, and Henry Witt Campbell, Library, Pa. Disclaimer filed by the inventors; the assignee, The American Steel and Wire Company of New Jersey, consenting. No. 2,278,109; disclaimer filed July 8, 1943; v. 552; p. 557.
- Knox, Arthur L., Fort Wayne, Ind. Disclaimer filed by the assignee, Farnsworth Television & Radio Corporation. No. 2,286,490; disclaimer filed Oct. 9, 1943; v. 556; p. 169.
- Lane, Clarence B., et al., Ames, Iowa. Disclaimer filed by the assignee, Iowa State College Research Foundation. No. 2,132,077; disclaimer filed May 31, 1943; v. 551; p. 727.
- Lannerd, Paul U., North Tonawanda, N. Y. Disclaimer filed by the inventor. No. 2,214,468; disclaimer filed July 3, 1943; v. 552; p. 367.
- Larson, Louis J., Milwaukee, Wis. Disclaimer filed by the inventor; the assignee, A. O. Smith Corporation, consenting. No. 2,233,455; disclaimer filed Aug. 11, 1943; v. 554; p. 380.
- Ledwinka, Joseph, Philadelphia, Pa. Disclaimer filed by the assignee, Edward G. Budd Mfg. Co. No. 2,286,609; disclaimer filed Feb. 13, 1943; v. 548; p. 411.
- Litton, Charles V., Redwood City, Calif. Disclaimer filed by the assignee, International Standard Electric Corporation. No. 2,304,186; disclaimer filed Apr. 19, 1943; v. 550; p. 133.
- Livingston, Orrin W., Scotia, N. Y. Disclaimers filed by the assignee, General Electric Company. Nos. 2,294,671 and 2,294,672; disclaimers filed Dec. 1, 1943; v. 557; p. 422.
- MacChesney, Chester M., Chicago, Ill. Disclaimer filed by the assignee, Acme Steel Company. No. 1,988,742; disclaimer filed Feb. 8, 1943; v. 548; p. 1.
- Marchus, Amos S., Oakland, Calif. Disclaimer filed by the inventor. No. 2,012,540; disclaimer filed Nov. 29, 1943; v. 557; p. 422.
- McCollum, Henry J. De N., Chicago, Ill. Disclaimer filed by the inventor. No. 2,281,107; disclaimer filed Aug. 20, 1943; v. 554; p. 531.
- McCune, Joseph C., Edgewood, Pa. Disclaimer filed by the inventor; the assignee, The Westinghouse Air Brake Company, consenting. No. 2,252,940; disclaimer filed May 29, 1943; v. 551; p. 369.
- McGee, Richard T., Wheeling, W. Va. Disclaimers filed by the assignee, The Consolidated Expanded Metal Companies. No. 2,216,319; disclaimers filed June 14, 1943 and Aug. 6, 1943; v. 552; p. 1, and v. 553; p. 757.
- Mitchell, Robert Baxter. Disclaimer filed by the assignee Harnischfeger Corporation. No. 2,282,670; disclaimer filed July 26, 1943; v. 553; p. 568.
- Noll, Austin R., New York, N. Y. Disclaimers filed by the assignee, International Business Machines Corporation. Nos. 2,116,732, 2,116,733, and 2,116,731; disclaimers filed Feb. 24, 1943; v. 548; p. 411 and 595.
- Nowosielski, Edward B., Bloomfield, N. J. Disclaimer filed by the assignee, Edison-Splitdorf Corporation. No. 2,321,506; disclaimer filed Nov. 8, 1943; v. 557; p. 215.
- Odell, Leslie S., Montreal, Quebec, Canada. Disclaimer filed by the assignee, Bird & Son, Inc. No. 2,245,047; disclaimer filed Aug. 9, 1943; v. 554, p. 1.
- O'Kelly, Arlie A., Woodbury, N. J., and Robert H. Work, Philadelphia, Pa. Disclaimer filed by the assignee, Socony-Vacuum Oil Company, Incorporated. No. 2,315,129; disclaimer filed Oct. 8, 1943; v. 556; p. 169.
- Palmer, Arthur B., Dallas, Tex., and Gottsdank L. Kothny, Stafford, Pa. Disclaimer filed by the assignee, Sperry-Sun Well Surveying Company. No. 2,012,138; disclaimer filed Dec. 29, 1942; v. 546; p. 697.
- Palmer, Robert C., Pensacola, Fla. Disclaimer filed by the assignee, Newport Industries, Inc. No. 2,300,433; disclaimer filed Aug. 5, 1943; v. 553; p. 757.
- Palmer, Robert C., and Carlisle H. Bibb, Pensacola, Fla. Disclaimers filed by the assignee, Newport Industries, Inc. No. 2,247,399 and 2,247,400; disclaimers filed Aug. 2, and Aug. 5, 1943; v. 553; p. 757, and v. 554; p. 199.
- Parker, Cecil J., Baltimore, Md. Disclaimer filed by the assignee, Crown Cork & Seal Co., Inc. No. 1,899,821; disclaimer filed Apr. 21, 1943; v. 550; p. 380.
- Phillips, Harold P., Hastings, Mich. Disclaimer filed by the assignee, Hastings Manufacturing Company. No. 2,148,997; disclaimer filed June 11, 1943; v. 552; p. 1.
- Pollack, Leon, Brooklyn, N. Y. Disclaimer filed by the inventor; the assignee, Polaroid Corporation, consenting. No. 2,286,569; disclaimer filed Apr. 26, 1943; v. 551; p. 193.
- Pritchard, Sydney Herbert, Shenfield, England. Disclaimer filed by the assignee, Baker & Co., Inc. No. 2,239,302; disclaimer filed Nov. 30, 1943; v. 557; p. 422.
- Pye, Harold C., Oak Park, Ill. Disclaimer filed by the assignee, Associated Electric Laboratories, Inc. No. 2,205,670; disclaimer filed Apr. 16, 1943; v. 550; p. 380.
- Raney, Estel C., Columbus, Ohio. Disclaimer filed by the assignee, Ranco Incorporated. No. 2,304,019; disclaimer filed Sept. 17, 1943; v. 555; p. 329.
- Reeves, Edward D., Cranford, and Kenneth K. Kearby, Elizabeth, N. J. Disclaimer filed by the assignee, Standard Oil Development Company. No. 2,317,803; disclaimer filed Oct. 6, 1943; v. 556; p. 6.
- Robertson, John Douglas, and William G. Staples, Dighton, Mass. Disclaimer filed by the assignee, Mount Hope Finishing Company. No. 2,110,118; disclaimer filed Sept. 3, 1943; v. 554; p. 531.
- Roby, Frank H., Milwaukee, Wis. Disclaimer filed by the assignee, Square D Company. No. 2,277,146; disclaimer filed May 21, 1943; v. 551; p. 369.
- Rust, John B., West Orange, and Irving Pöckel, Montclair, N. J. Disclaimer filed by the assignee, Ellis-Foster Company. No. 2,251,806; disclaimer filed Apr. 23, 1943; v. 551; p. 193.
- Sachs, Joseph, Hartford Conn. Disclaimer filed by the assignee, Colt's Patent Fire Arms Manufacturing Company. No. 2,094,963; disclaimer filed Apr. 12, 1943; v. 550; p. 10.
- Safford, Moyer M., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,204,383; disclaimer filed Aug. 21, 1943; v. 554; p. 380.
- Schaefer, Robert M., Racine, Wis. Disclaimer filed by the assignee, Twin Disc Clutch Company. No. 2,293,768; disclaimer filed June 4, 1943; v. 551; p. 727.
- Sengebusch, Haas, Villa Park, Ill. Disclaimer filed by the inventor; the assignee, Associated Electric Laboratories, Inc., consenting. No. 2,281,116; disclaimer filed Mar. 18, 1943; v. 549; p. 202.
- Smede, Lloyd, Pittsburgh, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,008,730; disclaimer filed Nov. 12, 1943; v. 557; p. 1.
- Smith, Nelson K., Los Angeles, Calif. Disclaimer filed by the assignee, Byron Jackson Co. No. 1,871,825; disclaimer filed Apr. 27, 1943; v. 550; p. 562.
- Snyder, Clarence E., Akron, Ohio. Disclaimer filed by the assignee, The B. F. Goodrich Company. No. 2,222,047; disclaimer filed June 14, 1943; v. 552; p. 1.
- Stow, Audley Hart, deceased, Charleston, W. Va., by Sanford Investment Company, assignee. Disclaimers filed by the assignee, Sanford Investment Company. Re. Nos. 20,590 and 20,591; disclaimers filed Dec. 8, 1942; v. 546; p. 1.
- Stow, Audley Hart, Mayberry, W. Va. Disclaimer filed by the assignee, Sanford Investment Company. No. 1,961,016; disclaimer filed Dec. 8, 1943; v. 546; p. 1.
- Svenson, Ernest J., Rockford, Ill. Disclaimers filed by the assignee, Rodin Corporation. Nos. 1,924,422, 2,215,257, 1,986,862, 2,178,364, 2,174,850, 2,078,695, and 2,036,162; disclaimers filed Sept. 24, 1943; v. 555; p. 539; v. 556; pp. 6 and 169; and v. 557; p. 422.
- Swain, Robert C., Riverside, and Donald W. Light, Old Greenwich, Conn. Disclaimer filed by the assignee, American Cyanamid Company. No. 2,215,380; disclaimer filed Mar. 27, 1943; v. 549; p. 379.
- Sweeney, Edward A., Alexandria, Va., and Norman T. Anderson, Washington, D. C. Disclaimer filed by the patentees. No. 2,305,645; disclaimer filed July 21, 1943; v. 553; p. 173.
- Taylor, Elmer H., Newburyport, Mass. Disclaimer filed by the assignee, The Chase-Shawmut Company. No. 2,160,236; disclaimer filed Nov. 1, 1943; v. 556; p. 709.
- Themak, Edward, Northport, N. Y. Disclaimer filed by the inventor. No. 2,270,152; disclaimer filed May 14, 1943; v. 551; p. 369.
- Thiele, Ernest W., and Robert C. Gunness, Chicago, Ill. Disclaimer filed by the assignee, Standard Oil Company (Indiana). No. 2,246,703; disclaimer filed Dec. 26, 1942; v. 547; p. 184.

- Thompson, Leslie Ernest, and Alexander Jenkins, London, England. Disclaimer filed by the assignee, The Union Switch and Signal Company. No. 2,266,922; disclaimer filed December 30, 1942; v. 547; p. 5.
- Thorsen, Karl K. A., San Francisco, Calif. Disclaimer filed by the assignee, Mildred E. Bacon. Nos. 1,876,100 and 1,903,538; disclaimer filed Dec. 19, 1942; v. 546; p. 417.
- Urbain, Oliver M., Columbus, Ohio. Disclaimer filed by the assignee, Charles H. Lewis. No. 2,208,171; disclaimer filed Aug. 25, 1943; v. 554; p. 380.
- Vance, Arthur W., Haddonfield, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,184,571; disclaimer filed June 24, 1943; v. 552; p. 185.
- Voorhees, Vanderveer, Hammond, Ind. Disclaimer filed by the assignee, Standard Oil Company. No. 2,239,801; disclaimer filed Aug. 9, 1943; v. 554; p. 1.
- Wall, Alexander C., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,248,594; disclaimer filed July 29, 1943; v. 553; p. 568.
- Wallace, James M., Braddock, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,259,946; disclaimer filed Mar. 5, 1943; v. 548; p. 763.
- Weber, Mathias J., Chicago, Ill. Disclaimer filed by the assignee, Continental Scale Corporation. No. 1,824,698; disclaimer filed Feb. 25, 1943; v. 548; p. 595.
- Weber, Mathias J., and Russell E. Vanderhoff, Chicago, Ill. Disclaimer filed by the assignee, Continental Scale Corporation. No. 2,224,327; disclaimer filed Feb. 25, 1943; v. 548; p. 595.
- Whitaker, James N., Weehawken, N. J. Disclaimer filed by the inventor; the assignee, Radio Corporation of America, consenting. No. 2,254,022; disclaimer filed Dec. 31, 1942; v. 547; p. 5.
- White, Loyd J., San Antonio, Tex. Disclaimer filed by the assignee, Southern Steel Company. No. 2,121,675; disclaimer filed May 6, 1943; v. 551; p. 10.
- Whitesell, Robert J., Philadelphia, Pa. Disclaimer filed by the assignee, Rohm & Haas Company. No. 2,252,588; disclaimer filed Apr. 17, 1943; v. 550; p. 380.
- Wizevich, Peter J., Elizabeth, N. J., now by judicial change of name, Peter J. Gaylor. Disclaimer filed by the assignee, Jasco, Incorporated. No. 2,213,423; disclaimer filed May 25, 1943; v. 551; p. 369.
- Winograd, Harold, Milwaukee, Wis. Disclaimer filed by the assignee, Allis-Chalmers Manufacturing Company. No. 2,256,755; disclaimer filed Feb. 19, 1943; v. 548; p. 411.

LIST OF PLANT INVENTIONS

Apple tree. R. Campbell. 608; Nov. 23.
 Aster. J. J. Grullemans. 584; May 18.
 Avocado tree. J. M. Reinecke. 576; Apr. 20.
 Camellia. C. S. Jones. 605; Oct. 19.
 Chrysanthemum plant. H. R. Mosnat. 598; Aug. 24.
 Freesia variety. E. N. Frazee. 609; Nov. 23.
 Fuchsia. White. H. D. and B. A. Hazard. 610; Dec. 7.
 Hypericum. J. J. Grullemans. 568; Mar. 2.
 Nectarine. F. W. Anderson. 575; Apr. 13.
 Nectarine. S. L. Hayes. 587; June 8.
 Peach. C. B. Fox. 580; May 4.
 Peach. J. S. Leckle. 592; June 15.
 Peach, Freestone. G. O. Dillon. 572; Mar. 9.
 Plant, Blackberry. M. B. Crane. 571; Mar. 9.
 Plant, Camellia. J. W. Robinson. 589; June 8.
 Plant, Lily. C. Laughlin and L. Mc. C. Laughlin.
 602; Oct. 5.
 Plant, Rose. R. L. Byrum. 566; Feb. 23.
 Plant, Rose. R. L. Byrum. 600; Sept. 7.
 Plant, Rose. P. De Vor. 569; Mar. 2.
 Plant, Rose. A. B. Graf. 606; Nov. 16.
 Plant, Rose. F. H. Howard. 581; May 4.
 Plant, Rose. C. Mallerin. 594; July 13.
 Plant, Rose. C. Mallerin. 595; July 13.

Plant, Rose. C. Mallerin. 596; July 13.
 Plant, Rose. F. Meilland. 574; Mar. 16.
 Plant, Rose. J. Parmentier. 603; Oct. 5.
 Plant, Strawberry. B. D. Drain. 570; Mar. 2.
 Plum. F. W. Anderson. 573; Mar. 16.
 Rose. A. Krebs. 577; Apr. 27.
 Rose. A. Krebs. 578; Apr. 27.
 Rose. J. H. Nicholas. 586; May 18.
 Rose. G. W. Weaver. 566; Jan. 19.
 Rose plant. E. S. Boerner. 607; Nov. 23.
 Rose plant. R. L. Byrum. 582; May 11.
 Rose plant. R. L. Byrum. 601; Sept. 28.
 Rose plant. A. Dickson, Jr. 590; June 15.
 Rose plant. J. S. Elliott. 579; Apr. 27.
 Rose plant. C. Mallerin. 599; Aug. 24.
 Rose plant. F. Meilland. 591; June 15.
 Rose plant. S. B. Roberts. 583; May 11.
 Tree, Apple. C. A. Martin. 564; Jan. 5.
 Tree, Peach. W. H. Bates. 604; Oct. 5.
 Tree, Peach. H. W. Donahey. 588; June 8.
 Tree, Peach. G. R. Fowler. 567; Feb. 23.
 Tree, Peach. P. E. Hoffman. 593; June 22.
 Tree, Pear. W. F. Shannon. 585; May 18.
 Violet, African. P. Ruggeri. 597; Aug. 3.

LIST OF INVENTIONS

- Abdominal supporter. J. J. Klaspert. 2,309,459; Jan. 26.
Abrading and polishing machine. A. C. Burleigh. 2,328,013; Sept. 7.
Abrading apparatus. R. B. Huyett. 2,309,115; Jan. 26.
Abrading apparatus. R. B. Huyett and C. M. Gossard. 2,337,048; Dec. 21.
Abrading apparatus. W. L. Keefer. 2,320,364; June 1.
Abrading apparatus. W. L. Keefer. 2,329,203-4; Sept. 14.
Abrading apparatus. W. A. Rosenberger. 2,315,546; Apr. 6.
Abrading device. B. W. Engle. 2,324,918; July 20.
Abrading device, Power driven. D. M. and C. S. Tilden. 2,307,431; Jan. 5.
Abrading machine. H. L. Imelmann. 2,307,407; Jan. 5.
Abrading tool. J. C. Garand. 2,314,348; Mar. 23.
Abrading wheel. E. I. Whiting. 2,307,312; Jan. 5.
Abrasive. R. C. Benner and H. N. Baumann, Jr. 2,318,360; May 4.
Abrasive article. C. E. Barnes. 2,308,854; Jan. 19.
Abrasive article. L. Coes, Jr. 2,332,206; Oct. 10.
Abrasive article. E. P. Dahlstrom and E. Horne. 2,309,305; Jan. 26.
Abrasive article. J. P. Fonton. 2,309,836; Feb. 2.
Abrasive article. W. S. Hoskin and F. B. Wolfschlagel. 2,309,456; Jan. 26.
Abrasive article. L. P. Jackson. 2,311,756; Feb. 23.
Abrasive article. J. Kurtz. 2,319,331; May 18.
Abrasive article. G. Upton. 2,318,907; May 11.
Abrasive article and filler for the same. Filed. L. P. Jackson. 2,338,480.
Abrasive article and making same. H. V. Allison. 2,334,526; Nov. 16.
Abrasive article and making same. H. W. Buell. 2,337,445; Dec. 21.
Abrasive article and making the same. G. F. Keeleric. 2,334,494; Nov. 16.
Abrasive article and making the same. R. H. Lombard and L. H. Milligan. 2,309,463; Jan. 26.
Abrasive article and manufacture. A. L. Ball, R. C. Benner, and R. L. Melton. 2,335,902; Dec. 7.
Abrasive article and manufacturing the same. N. P. Robie. 2,327,218; Aug. 17.
Abrasive article comprising a bond having a filler therein. S. S. Kistler. 2,308,982; Jan. 19.
Abrasive article, Diamond. F. L. Kuzmick. 2,333,429; Nov. 2.
Abrasive article, Flexible. H. P. Kirchner. 2,320,139; May 25.
Abrasive articles. S. S. Kistler. 2,308,981; Jan. 19.
Abrasive articles containing fillers, Bonded. S. S. Kistler. 2,308,983; Jan. 19.
Abrasive articles, Manufacture of. R. C. Benner and B. L. Melton. Re. 22,373; Sept. 14.
Abrasive articles, Manufacture of. R. L. Melton, A. L. Ball, and R. C. Benner. 2,307,698; Jan. 5.
Abrasive blast. H. T. Blount. 2,314,069; Mar. 16.
Abrasive block and producing same. Waterproof. L. A. Hatch. 2,309,108; Jan. 26.
Abrasive coated. N. E. Oglesby. 2,307,232; Jan. 5.
Abrasive. Coated. N. E. Oglesby. 2,322,156; June 15.
Abrasive. Coated. N. E. Oglesby. 2,333,035; Oct. 26.
Abrasive. Coated. N. E. Oglesby. C. F. Reilly, and V. W. Gilbert. 2,333,034; Oct. 26.
Abrasive. Coated. H. R. Stratford. 2,317,650; Apr. 27.
Abrasive cutoff machine. S. C. Dreher. 2,315,090; Mar. 30.
Abrasive device. J. F. Smith. 2,331,861; Oct. 12.
Abrasive faced wheel. E. C. Jarm and L. Verzier. 2,327,900; Aug. 24.
Abrasive, Flexible sheeted. D. O. Guth. 2,314,349; Mar. 23.
Abrasive machine. L. Ilmer and V. R. Pallas. 2,316,586; Apr. 13.
Abrasive material to drills, Supplying an. F. F. Davis. 2,329,393; Sept. 14.
Abrasive materials, Manufacture of. R. L. Melton and R. C. Benner. 2,334,572; Nov. 16.
Abrasive powder, System for handling. V. Vorhees. 2,310,377; Feb. 9.
Abrasive product. N. P. Robie. 2,321,422; June 8.
Abrasive product. N. P. Robie. 2,324,267; July 13.
Abrasive projecting machine. N. J. Quinn. 2,328,581; Sept. 7.
Abrasive, Sheet. R. W. Hackett. 2,321,744; June 15.
Abrasive, Sheeted. D. O. Guth. 2,307,461; Jan. 5.
Abrasive tool. R. A. Moore. 2,334,642; Nov. 16.
Abrasive wheel and making the same, Cup shaped. E. E. Van der Pyl. 2,334,049; Nov. 9.
Abrastes. L. Coes, Jr. 2,319,791-4; May 25.
Abrastes, Manufacture of. R. P. Carlton. 2,318,570-1; May 4.
Abscission, Retarding. J. F. Adams. 2,322,409; June 22.
Absorbent medium, Stripping enriched. G. S. Houghland. 2,327,896; Aug. 24.
Absorbing agent unit for gas analyzers, Removable. C. A. Sprague. 2,312,285; Feb. 23.
Absorption or adsorption refrigerating apparatus. N. Erland Af Klen. 2,319,806; May 25.
Absorption or adsorption refrigerating apparatus. N. Erland af Klen. 2,323,902; July 13.
Accelerating control for carburetors. C. R. Snyder. 2,314,171; Mar. 16.
Acceleration high frequency generator. H. M. Strobel. 2,310,819; Feb. 9.
Acceleration measuring device. C. S. Draper and W. Wrigley. 2,332,994; Oct. 26.
Acceleration of machine elements, Limiting the. K. J. J. McGowan. 2,309,252; Jan. 26.
Acceleration pump. H. A. Boller. 2,327,300; Aug. 17.
Acceleration responsive device. J. P. Brandt. 2,312,234; Feb. 23.
Accelerator control, Automatic. W. A. Couterch. 2,312,031; Feb. 23.
Accelerator, Magnetic induction. G. C. Baldwin. 2,331,788; Oct. 12.
Accelerator, Magnetic induction. D. W. Kerst. 2,335,014; Nov. 23.
Accelerator of the delayed action type and acid-curing thermosetting resin. P. C. Schroy. 2,320,727; Aug. 10.
Accelerator of vulcanization. H. L. Fisher. 2,326,733; Aug. 10.
Accelerator of vulcanization. W. E. Messer. 2,321,305-6; June 8.
Accelerator of vulcanization. W. E. Messer. 2,335,429; Nov. 23.
Accelerator, Vulcanization. R. A. Mathes and P. C. Jones. 2,325,259; July 27.
Accelerometer. J. A. Buchanan. 2,311,637; Feb. 23.
Accelerometer. R. R. Chappell and B. B. Coit. 2,317,028; Apr. 20.
Accelerometer, Angular classifying. J. A. Buchanan. 2,310,213; Feb. 9.
Accessories for ironing apparatus. J. W. Steele. 2,321,261; June 8.
Accessory, Automobile. J. Fischer. 2,322,431; June 22.
Accessory, Automotive. H. J. Sauer. 2,321,251; June 23.
Accessory fastening for marine vessels. B. F. Kehr. 2,327,273; Aug. 17.
Accessory for game apparatus. H. E. Williams and L. A. 2,310,213; Feb. 9.
Accountant's apparatus. R. Hurup. 2,311,052; Feb. 16.
Accounting and filing system. P. E. M. Thomson. 2,325,641; Aug. 3.
Accounting apparatus. W. Leathers and A. Gold. 2,314,718; Mar. 23.
Accounting machine. W. A. Anderson. 2,307,186; Jan. 5.
Accounting machine. W. A. Anderson. 2,308,144; Jan. 12.
Accounting machine. W. A. Anderson. 2,309,293; Jan. 26.
Accounting machine. W. A. Anderson. 2,335,989; Dec. 7.
Accounting machine. O. Barthelmes. 2,330,543; Sept. 28.
Accounting machine. G. F. Daly. 2,330,957; Oct. 5.
Accounting machine. I. G. Hammer. 2,323,766; July 6.
Accounting machine. H. F. Lang. 2,316,520; Apr. 13.
Accounting machine. H. F. Lang. 2,335,343; Nov. 30.
Accounting machine. H. P. Mixer. Re. 22,381; Sept. 28.
Accounting machine. H. P. Mixer. 2,311,454; Feb. 16.
Accounting machine. W. H. Pettit. 2,334,953; Nov. 23.
Accounting machine. W. H. Robertson and E. R. Coe. 2,332,755; Oct. 26.
Accounting machine. O. J. Sundstrand and W. A. Anderson. 2,308,216; Jan. 12.
Accounting machine. P. H. Williams. 2,313,982; Mar. 16.
Accounting machines, Paper feeding mechanism for. W. A. Anderson. 2,337,583; Dec. 25.
Acoustical assembly. J. Y. Dunbar. 2,334,484; Nov. 16.
Accumulator. H. G. André. 2,317,711; Apr. 27.
Accumulator. T. R. James and J. Desjardins. 2,320,934; June 1.
Accumulator assemblage, Interlocking silt. H. M. Smith. 2,315,822; Apr. 6.
Accumulator, Deformable or elastic. J. Mercier. 2,317,385; Apr. 27.
Accumulator, Numerical. F. G. Wood. 2,334,465; Nov. 16.
Acetaldehyde-formaldehyde condensation product. E. A. Bried. 2,325,589; Aug. 3.
Acetals of polyvinyl alcohol, Preparing. A. Weihe and F. Herriell. 2,316,921; Apr. 20.
Acetal preparation of. S. Sussman. 2,331,557; June 8.
Acetals, Preparation of unsymmetrical. W. F. Gresham. 2,321,593; June 15.
Acetic acid in aqueous solutions, Concentration and extraction of. J. Lévesque. 2,313,386; Mar. 9.
Acetic acid, Treatment of. H. M. Guinot. 2,317,758; Apr. 27.
Acetone condensation product, Urea-aldehyde halogenated. G. F. D'Alelio. 2,323,898; July 13.

- Acetylated sugar compound. R. Pasternack and E. V. Brown. 2,352,666; Oct. 26.
- Acetylene by regenerative type of pyrolysis. Manufacture of. R. L. Hasche and W. B. Hinche. 2,319,679; May 18.
- Acetylene derivatives of the cyclopentanopolymethyleneanthrene series and process of preparing same, Hydrated. L. Ruzicka. 2,318,105; May 4.
- Acetylene tank cart. L. H. Garlinghouse. 2,313,868; Mar. 16.
- Acid amines and making same, Beta-amino. H. G. Goodman, Jr. 2,323,391; July 6.
- Acid anhydrides, Producing. W. C. Cooper, Jr. 2,309,167; Jan. 26.
- Acid by fermentation, Preparation of d-tartaric. J. Kamlet. 2,314,831; Mar. 23.
- Acid composition, Phosphoric. E. Cox. 2,336,448; Dec. 7.
- Acid compounds and preparing the same, Sulpho-tricarboxylic. P. Nawiasky and G. E. Sprenger. 2,315,375; Mar. 30.
- Acid compounds, Treating ricinoleic. G. D. Davis and B. A. Dombrow. 2,318,762; May 11.
- Acid derivatives, Keto carboxylic. G. Wiest. 2,328,370; Aug. 31.
- Acid derivatives, Ricinoleic. T. F. Carruthers. 2,310,395; Feb. 9.
- Acid esters and fatty acids, Refining of fatty. W. N. Traylor. 2,334,850; Nov. 23.
- Acid esters, Preparation of organic. H. C. Black. 2,320,844; June 1.
- Acid esters, Purifying phosphoric. H. Beeg and K. W. Schicht. 2,315,495; Apr. 6.
- Acid from petroleum sludges, Recovering. J. A. O'Dell. 2,330,077; Sept. 21.
- Acid, Manufacture of sulphuric. J. V. Shinn. 2,313,677; Mar. 9.
- Acid, Manufacture of tungstic. H. W. Highriter and W. C. Lillendahl. 2,316,583; Apr. 13.
- Acid mixtures, Purifying sulphuric. V. R. Kokatnur and J. J. Jacobs, Jr. 2,320,242; May 25.
- Acid pickling baths and making, Inhibitor for. F. Schelling. 2,335,452; Nov. 30.
- Acid, Preparation of desoxycholic. W. M. Hoehn and A. W. Schneider. 2,321,598; June 15.
- Acid, Preparation of 4-pyridine sulphonic. A. E. Tiesler. 2,330,641; Sept. 28.
- Acid, Preparing camphoric. P. Heisel. 2,333,718; Nov. 9.
- Acid, Production of fumaric. S. A. Waksman. 2,326,986; Aug. 17.
- Acid, Production of succinic. F. Ebel and F. Pyzik. 2,312,468; Mar. 2.
- Acid, Purification of lactic. G. E. Ward and B. Tabenkin. 2,331,948; Oct. 19.
- Acid, Purifying benzoic. I. Gubelmann and R. G. Benner. 2,317,455; Apr. 27.
- Acid resistant container. J. J. Mick and R. E. McCurdy. 2,317,076; Apr. 20.
- Acid salts, Preparing solutions of cellulose glycolic. R. D. Freeman and M. J. Roberts. 2,331,858; Oct. 12.
- Acid setting baths used in the manufacture of cellulose products from viscose. J. L. Costa and W. H. Kahler. 2,336,778; Dec. 14.
- Acid sludge, Handling. D. W. Bransky. 2,315,044; Mar. 30.
- Acid sludges, Neutralization of. F. I. Du Pont and W. B. Foulke. 2,309,633; Feb. 2.
- Acid, Treatment of cresylic. C. N. Andersen. 2,334,691; Nov. 23.
- Acid, Treatment of waste. G. W. Batchelder, R. L. Featherer, and J. E. Hughes. 2,337,025; Dec. 21.
- Acid vegetable juices, Preparation of. J. G. Souther. 2,318,810; May 11.
- Acid bodies from hydrocarbon fluids, Removing weakly. T. L. McNamara and L. M. Henderson. 2,316,965; Apr. 20.
- Acidic constituents from organic liquids, Removing. L. M. Henderson and D. C. Bond. 2,317,056; Apr. 20.
- Acidic minerals, Beneficiation of. D. W. Jayne, H. M. Day, and E. W. Gieseke. 2,336,015; Dec. 7.
- Acidic minerals, Concentration of. D. W. Jayne, Jr., H. M. Day, and E. W. Gieseke. 2,336,868; Dec. 14.
- Acidic minerals, Froth flotation of. S. E. Erickson. 2,336,437; Dec. 7.
- Acidic organic substances from hydrocarbon liquids, Removing weakly. G. W. Ayers, Jr., D. C. Bond, and L. M. Henderson. 2,315,354; Mar. 30.
- Acidic substances from water-immiscible liquids, Removing weakly. D. C. Bond, G. W. Ayers, Jr., and L. M. Henderson. 2,314,919; Mar. 30.
- Acidic sulphur compounds from hydrocarbon liquids, Removing weakly. D. C. Bond. 2,316,759; Apr. 20.
- Acids. F. O. Cockerille. 2,333,701; Nov. 9.
- Acids, Concentration of aliphatic. H. Dreyfus and W. H. Groombridge. 2,329,255; Sept. 14.
- Acids, Cyclic-ketonic tetracarboxylic. H. A. Bruson. 2,329,432; Sept. 14.
- Acids, 5-pyrazolone-4-sulphonic. P. Zervas. 2,315,836; Apr. 6.
- Acids, Fractionation of free fatty. S. E. Freeman. 2,313,636; Mar. 9.
- Acids from aqueous solutions, Recovery of lower aliphatic. T. O. Wentworth. 2,333,756; Nov. 9.
- Acids from their hydrohalides, Production of amino. P. R. Austin. 2,316,215; Apr. 13.
- Acids, Hydroxynaphthyl sulphonic. H. Zischler and G. Wilmanns. 2,309,562; Jan. 26.
- Acids, Making amino. E. L. Martin. 2,327,119; Aug. 17.
- Acids, Manufacture of esters of mononitriles of dicarboxylic. B. S. Biggs. 2,322,273; June 22.
- Acids, Neutralization of aromatic sulphonic. S. P. Miller. 2,334,500; Nov. 16.
- Acids, 1-amino aryl-5-pyrazolone-4-sulphonic. P. Zervas. 2,315,834; Apr. 6.
- Acids or their N-substitution products and making the same, Amino-hydroxynaphthalene sulphonic. A. Conzetti. 2,335,237; Nov. 30.
- Acids, Phosphonic. H. W. Ritchey. 2,311,306; Feb. 16.
- Acids, Polycarboxylic. W. O. Teeters. Re. 22,352; July 20.
- Acids, Preparation of amino. W. L. Alderson, Jr., and P. R. Austin. 2,328,940; Sept. 7.
- Acids, Preparation of oxy-tetrionic. F. Micheel and H. Haarhoff. 2,314,946; Mar. 30.
- Acids, Preparing ether. H. von Leibitz-Piwnicki and F. Meidert. 2,333,726; Nov. 9.
- Acids, Purifying hydroxy aliphatic. H. Wenker. 2,334,524; Nov. 16.
- Acids, Synthesis of organic. C. N. Zellner. 2,323,861; July 6.
- Acoustic attenuator for air impellers. E. H. Harris. 2,323,394; July 6.
- Acoustic device. H. D. Fiene. 2,312,534; Mar. 2.
- Acoustic device. J. D. Seabert. 2,329,560; Sept. 14.
- Acoustic material. D. D. Crandell. 2,326,763; Aug. 17.
- Acoustic screen. V. A. Schlenker. 2,310,154; Feb. 2.
- Acoustic wall panel. H. Eckardt. 2,308,869; Jan. 19.
- Acoustic wave filter. W. P. Mason. 2,308,886; Jan. 19.
- Acoustic wave filter panel. C. D. Richard. 2,308,827; Jan. 19.
- Acoustical device. H. N. Rider. 2,337,839; Dec. 28.
- Acoustical treatment. V. Jacobson. 2,324,706; July 20.
- Acoustics. T. M. Prudden. 2,308,302; Jan. 12.
- Aerolin. Production of. K. M. Herstein. 2,334,091; Nov. 9.
- Acrylic acid nitrile derivatives, Manufacture of. P. Kurtz and H. Schwarz. 2,322,696; June 22.
- Actuating means for scoreboard indicia. J. O. Ivie and H. L. Ivie. 2,315,622; Apr. 6.
- Actuating means for twin master cylinders. S. Schnell. 2,319,368; May 18.
- Actuating mechanism, Car door. A. E. Small. 2,336,442; Dec. 7.
- Actuating mechanism for counters, Typewriter. R. G. Thompson. 2,323,633; July 6.
- Actuator and control for hydraulic brakes, Power. L. L. Hamilton. 2,317,604; Apr. 27.
- Actuator, Counting mechanism. N. S. Welk. 2,320,021; May 25.
- Actuator for track Sanders. A. E. Tucker and G. S. Gunison. 2,325,441; July 27.
- Actuator, Mast antenna. A. T. Mace. 2,329,404; Sept. 14.
- Acyl acrylamide and its preparation. J. G. Lichty. 2,320,089; May 25.
- Acyl compounds of polycyclic alcohols with germinal gland hormone characteristics and producing the same. F. Hildebrandt and L. Strassberger. 2,332,486; Oct. 19.
- Acetylanoguanidines, Manufacture of quaternary. J. Bindler. 2,315,765; Apr. 6.
- Acyl derivatives of germinal gland hormone preparations of high activity and producing same. W. Schoeller, F. Hildebrandt, and E. Schwenk. 2,316,190; Apr. 13.
- Acyl isothiocyanate and polymer thereof. V. V. Alderman and D. D. Coffman. 2,327,985; Aug. 31.
- Acylated P-aminobenzy amines and their quaternary derivatives. K. Engel and K. Pfahler. 2,312,393; Mar. 2.
- Adapter. A. B. Hoss. 2,315,792; Apr. 6.
- Adapter. H. R. Reynolds. 2,312,590; Mar. 2.
- Adapter, Casement window. B. S. Williams. 2,322,904; June 29.
- Adapter for flashlight and revolver. G. W. Whaley. 2,314,061; Mar. 16.
- Adapter for form tie wedges. F. P. Cooper. 2,338,025; Dec. 28.
- Adapter for form ties. J. C. Mushet. 2,338,026; Dec. 28.
- Adapter for initialing machines. V. Sorrentino. 2,317,649; Apr. 27.
- Adapter for mounting machine guns. F. M. Salisbury. Re. 22,361; Aug. 3.
- Adapter for nonrewind expansible film reels. B. Wandel. 2,324,658; July 20.
- Adapter for testing machines. C. W. Clark. 2,329,827; Sept. 21.
- Adapter for vent valves. W. K. Simpson. 2,320,104; May 25.
- Adapter for work stock. A. H. Lundius. 2,333,260; Nov. 2.
- Adapter means for fluid systems. R. W. Thomas. 2,329,363; Sept. 14.
- Adapter, Tractor wheel. R. C. Wittman. 2,318,550; May 4.
- Adding machine base. R. O. Buehler. 2,311,928; Feb. 23.

- Addition agent for enhancement of the properties of drilling muds. M. Williams. 2,315,995; Apr. 6.
- Addition agent for lubricating oil and making same. R. Reuter. 2,315,544; Apr. 6.
- Addition agent for lubricating oils. G. D. Byrkit. 2,309,336; Jan. 20.
- Addressing machine. H. P. Elliott. 2,322,119; June 15.
- Addressing machine. H. P. Elliott. 2,335,498-9; Nov. 30.
- Adherent metal coatings on surfaces. E. F. Rosenblatt. 2,328,101; Aug. 31.
- Adhesion of rubber to cotton. Improving the. I. Gazdlik and E. T. Lesser. 2,314,976; Mar. 30.
- Adhesion, Process of. A. Menger and E. Bock. 2,323,831; July 6.
- Adhesive. B. F. Adams. 2,313,114; Mar. 9.
- Adhesive. F. Albers and A. Allendorfer. 2,319,102; May 11.
- Adhesive. E. W. Colt and E. D. Cornwell. 2,307,198; Jan. 5.
- Adhesive. H. J. Tierney. 2,319,959; May 25.
- Adhesive. W. C. Ware. 2,311,271-2; Feb. 16.
- Adhesive and causing adherence therewith. C. J. Malm and G. D. Hlatt. 2,324,097; July 13.
- Adhesive and making the same. S. G. Saunders and H. Morrison. 2,322,880; June 29.
- Adhesive applying attachment. R. H. Schultz and A. J. Seibert. 2,314,519; Mar. 23.
- Adhesive applying machine. W. L. MacKenzie. 2,335,349; Nov. 30.
- Adhesive bandage. C. J. Crowley. 2,321,363; June 8.
- Adhesive-coated surfaces and products so made. Making. B. J. Elsemann, Jr. 2,321,072; June 8.
- Adhesive coatings. Manufacture of calcium carbonate. A. E. Hughes. H. B. Browne, and H. F. Roderick. 2,330,428; Sept. 28.
- Adhesive composition. A. P. d'Andrea. 2,321,680; July 20.
- Adhesive composition. W. N. Lindsay and H. C. Lietz. 2,308,185; Jan. 12.
- Adhesive composition. H. J. Reid. 2,329,852; Sept. 21.
- Adhesive composition. J. E. Robinson. 2,333,676; Nov. 9.
- Adhesive composition and articles comprising the same. Water dispersed. H. J. Livermore. 2,311,301; Feb. 16.
- Adhesive composition and making the same. R. D. Earle. 2,313,039; Mar. 9.
- Adhesive composition. Urea-aldehyde. C. Ellis. 2,314,308; Jan. 16.
- Adhesive composition. Waterproof. B. J. Dennison. 2,317,891; Apr. 27.
- Adhesive compositions. F. G. Pellett. 2,319,826; May 25.
- Adhesive compositions and making same. Waterproof. E. O. Groskopf. 2,333,779; Nov. 9.
- Adhesive compositions comprising bisisocyanate polyalkylene ether resins. H. A. Bruson and J. L. Rainey. 2,325,105; July 27.
- Adhesive. Formaldehyde-urea. W. C. Dearing and K. D. Meiser. 2,315,776; Apr. 6.
- Adhesive. Latex. K. W. Britt and W. S. Corbin. 2,335,104; Nov. 23.
- Adhesive. Preparation of a urea-formaldehyde. P. O. Powers. 2,320,421; May 25.
- Adhesive sheet material. M. H. Kemp. 2,331,610; Oct. 12.
- Adhesive sheeting. R. F. Schmidt. 2,323,265; Oct. 19.
- Adhesive tape. J. B. Leavy. 2,310,740; Feb. 9.
- Adhesive tape dispenser. A. A. Anderson. 2,326,017; Aug. 17.
- Adhesive tape dispensing device. P. S. Madsen. 2,322,950; June 29.
- Adhesive tape feeding means. Dry gummed. T. R. Gautier. 2,308,463; Jan. 12.
- Adhesive tapes, Making. E. G. Kerr. 2,319,933; May 25.
- Adhesive. Water soluble. B. S. Ritchie. 2,319,883; May 25.
- Adhesively uniting hard and soft rubber or rubberlike masses with surfaces of other materials. H. Knopp and H. Miedel. 2,320,937; June 1.
- Adjustable abrasive or cutting tools. Automatically adjusting. F. D. Ball. 2,317,714; Apr. 27.
- Adjustable base. D. G. Holt. 2,321,486; June 8.
- Adjustable boring bar. Vernier type positive. R. H. Morgan. 2,319,467; May 15.
- Adjustable camera mount. G. Laube and R. C. Stevens. 2,336,104; Dec. 7.
- Adjustable characteristic control valve. J. T. Voorheis. 2,315,171; Mar. 30.
- Adjustable chair. J. M. Dorton. 2,307,621; Jan. 5.
- Adjustable chair. R. P. Ralston. 2,308,714; Jan. 19.
- Adjustable clamp. H. E. Heaton. 2,321,911; June 15.
- Adjustable coupling system. L. F. Curtis. 2,312,687; Mar. 2.
- Adjustable die. L. G. Freeman, Jr. 2,328,876; Sept. 7.
- Adjustable display stand. L. E. Johnson. 2,310,439; Feb. 9.
- Adjustable drapery bracket. R. M. Behrie. 2,310,928; Feb. 16.
- Adjustable garment hanger. C. G. Kinney. 2,335,285; Nov. 30.
- Adjustable gauge. A. J. Wagner. 2,308,946; Jan. 19.
- Adjustable glass holder for welders' helmets. F. M. Bowers. 2,320,214; May 25.
- Adjustable handle. C. S. Fredricksen. 2,326,023; Aug. 3.
- Adjustable hanger. O. A. Pautz. 2,331,566; Oct. 12.
- Adjustable hydraulic control valve. J. B. Van Der Werff. 2,323,947; July 13.
- Adjustable instrument support. F. C. Zucker. 2,318,910; May 11.
- Adjustable labeling machine. F. A. Cralg. 2,321,661; June 15.
- Adjustable measuring cup. R. H. Olds. 2,328,995; Sept. 7.
- Adjustable pointer. R. U. Rourke. 2,319,782; May 25.
- Adjustable rack. L. W. Evans. 2,320,770; Feb. 9.
- Adjustable releasing tap holder. H. O. M. Jampoler. 2,323,184; July 27.
- Adjustable seat. N. E. Wahlberg. 2,321,716; June 15.
- Adjustable screen. C. H. Peterson. 2,315,651; Apr. 6.
- Adjustable shaft bearing. G. Walter. 2,326,268; Aug. 10.
- Adjustable sprocket wheel. R. E. Briggs. 2,314,969; Mar. 30.
- Adjustable stand. G. E. Froelich. 2,312,630; Mar. 2.
- Adjustable stool. L. Wesling. 2,320,688; June 1.
- Adjustable strap fastener. G. L. Diebold. 2,316,846; Apr. 6.
- Adjustable support. G. E. Allen, L. A. Metz and F. C. Sharpe. 2,313,115; Mar. 9.
- Adjustable support. W. S. Saunders and F. C. Handren. 2,307,305; Jan. 5.
- Adjustable thresher screen. W. A. Holtzman. 2,335,416; Nov. 30.
- Adjustable thrust bearing. L. M. Stempel. 2,326,180; Aug. 10.
- Adjustable thumbtack or other fastener. B. J. Oliver. 2,335,957; Dec. 7.
- Adjustable time switch. W. P. Gallagher. 2,335,403; Nov. 30.
- Adjustable truss pad. J. H. Mason. 2,323,827; July 6.
- Adjustable wing gun mount. D. R. Berlin and C. G. Frauchiger. 2,331,984; Nov. 23.
- Adjustable wrench. F. Gorrell. 2,312,000; Feb. 23.
- Adjuster for clotheslines or the like. Tension. C. Goeller. 2,316,950; Apr. 20.
- Adjusting and locking device. J. B. Armitage. 2,332,684; Oct. 26.
- Adjusting attachment for drawing compasses and the like. Adjustable. H. Friedmann. 2,326,135; Aug. 10.
- Adjusting means for cutting blades. T. K. Walma. 2,336,050; Dec. 7.
- Adjusting mechanism for brakes. Automatic. S. Schnell. 2,322,061; June 15.
- Adjusting mechanism for gears. W. Borberg. 2,328,123; Aug. 31.
- Adjusting the length of stroke of pistons. W. H. D. Brouse. 2,316,369; Apr. 13.
- Adjustment for running registers. C. Jacobson. 2,300,646; Feb. 2.
- Adjustment means. Awning arm slant. H. Dazzo. 2,321,801; June 15.
- Absorbent material. H. H. Greger. 2,324,070; July 13.
- Adsorbents and treatment of oil therewith. C. C. Windling. 2,322,555; June 22.
- Advertising apparatus. E. H. Philippi. 2,333,490; Nov. 2.
- Advertising device. J. K. Jayne and M. C. Sewall. 2,326,016; Dec. 7.
- Advertising device. D. L. Kimball. 2,336,548; Dec. 14.
- Advertising device for blades. P. C. Rinehart and O. Talbott. 2,311,966; Feb. 23.
- Advertising novelty. S. Schweitzer. 2,325,710; Aug. 3.
- Advertising or display device. R. F. Wharton. 2,324,343; July 13.
- Advertising sign. G. W. Parker, Jr. 2,324,872; July 20.
- Adz attachment for hammers. L. M. Van Slyke. 2,327,682; Aug. 24.
- Adzing machine. H. H. Talboys. 2,336,652; Dec. 14.
- Aeration of plaster of paris compositions. C. G. F. Cavadino. 2,318,754; May 11.
- Aerial apparatus. N. Nelson. 2,329,414; Sept. 14.
- Aerial bomb. S. W. Firth. 2,335,927; Dec. 7.
- Aerial bomb. L. E. Gay. 2,333,558; Nov. 2.
- Aerial bomb. W. F. Rouse. 2,332,670; Oct. 26.
- Aerial delivery apparatus. F. G. Manson and J. J. Maskey. 2,327,359; Aug. 24.
- Aerial delivery container. W. L. Lindsey and H. Wilson. 2,329,723; Sept. 21.
- Aerial delivery unit. Quick release. P. F. Helmick. 2,314,581; Mar. 30.
- Aerial device. R. H. Praus Jr. 2,324,022; July 13.
- Aerial merry-go-round. L. U. Eyerly. 2,312,533; Mar. 2.
- Aerial photographs for map making. Method of determining scale. L. T. Eliel. 2,321,902; June 15.
- Aerial propeller. Variable pitch. M. Levine. 2,327,274; Aug. 17.
- Aerial propellers. Variable pitch. C. R. Waselge. 2,314,025; Mar. 16.
- Aerial railway apparatus. A. Davino. 2,324,487; July 20.
- Aerial torpedo. Tandem. M. A. Walker. 2,316,656; Apr. 13.
- Aero chamber rosette. F. C. Evans and F. M. Cowan. 2,319,671; May 18.
- Aerodynamic brake. J. G. Lee and R. B. Belsel. 2,332,465; Oct. 19.

- Aerodynamic device. R. K. Odor and K. Dodge. 2,330,907; Oct. 5.
- Aerodynamic release drag for tow targets. J. J. Maskey. 2,310,249; Feb. 9.
- Aeronautical engine. C. C. De Pew. 2,323,281; June 29.
- Aeronautical oxygen regulator. L. W. Stettner. 2,308,124; Jan. 12.
- Aeroplane control. R. G. Stambach. 2,318,833; May 11.
- Age resistor for rubber compositions. H. B. Kellog and E. Lightbown. 2,313,945; Mar. 16.
- Agent and making same. New water-repellent. A. W. Baldwin and M. A. T. Rogers. 2,327,162; Aug. 17.
- Agent, Clean-up. J. D. McQuade. Re. 22,342; July 6.
- Agent, Coating. K. Billig. 2,317,725; Apr. 27.
- Agent for lubricating oils. Addition. E. Lieber. 2,315,063; Mar. 30.
- Agent for photographic emulsions. Antifogging and stabilizing. E. B. Knott. 2,336,261; Dec. 7.
- Agent supplying attachment for washing machines. L. Zimarik. 2,312,950; Mar. 2.
- Agents, Antispasmodic. J. W. Cusic and R. R. Burtner. 2,316,051; Apr. 6.
- Agents, Estrogenic. E. E. Moore. 2,333,486; Nov. 2.
- Agents for lubricants. Addition. P. R. Van Ess and R. White. 2,316,903; Apr. 20.
- Agents, Producing wax modifying. E. Lieber. 2,308,184; Jan. 12.
- Agglomeration of cereal grains. L. H. Logue. 2,329,402; Sept. 14.
- Agitating means and method for filter beds. C. E. Palmer. 2,309,916; Feb. 2.
- Agitating mechanism. G. W. Behnke, R. G. Westcott, and J. Sandula. 2,311,814; Feb. 23.
- Agitator and drive with molded compression strain driven element, Composite. H. H. Crimmel. 2,318,759; May 11.
- Agitator construction. J. P. Beattie. 2,334,859; Nov. 23.
- Agitator for storage bins. N. T. Puckett. 2,333,739; Nov. 9.
- Agitator for washing machines. J. C. Freitas. 2,307,458; Jan. 5.
- Agitator for washing machines. J. C. Nelson. 2,328,482; Aug. 31.
- Agitator, Washing machine. C. C. Scheele. 2,312,992; Mar. 2.
- Agricultural device. M. S. Harris. 2,317,606; Apr. 27.
- Agricultural implement. B. R. Benjamin. 2,309,158; Jan. 26.
- Agricultural implement. A. G. Evans. 2,330,272; Sept. 28.
- Agricultural implement. J. L. Hipple. 2,324,840; July 20.
- Agricultural implement. W. H. Lingle. 2,327,198; Aug. 17.
- Agricultural implement. R. D. MacDonald and S. E. Hibblom. 2,311,117; Feb. 16.
- Agricultural implement. C. W. Mott. 2,330,304; Sept. 28.
- Agricultural implement. J. R. Orelind. 2,324,870; July 20.
- Agricultural implement. H. P. Smith. 2,327,937; Aug. 24.
- Aiding device for blind persons. W. O. Sell. 2,327,222; Aug. 17.
- Aiming device. B. C. Arnold. 2,337,537; Dec. 28.
- Air and gas washer. E. F. Fisher. 2,310,411; Feb. 9.
- Air brake. R. S. Brown. 2,322,823; June 29.
- Air brake. C. R. Jerome. 2,328,649; Sept. 7.
- Air chamber for water service lines. D. E. Anderson. 2,337,959; Dec. 28.
- Air circulating means for refrigerator cars. A. E. Small. 2,331,002; Oct. 5.
- Air circulating means, Power take-off for. W. J. Tangerman. 2,336,135; Dec. 7.
- Air cleaner. R. D. Acton. 2,337,728; Dec. 28.
- Air cleaner. A. A. Carlson. 2,321,653; June 15.
- Air cleaner. G. N. Clark and E. R. Lasage. 2,314,573; Mar. 23.
- Air cleaner. C. E. Jacobs and A. Zech. 2,331,693; Oct. 12.
- Air cleaner. H. G. Kamrath. 2,310,528; Feb. 9.
- Air cleaner and silencer assembly. B. G. Brown. 2,310,510; Feb. 9.
- Air cleaning. Electrically neutral. G. W. Penney. 2,318,093; May 4.
- Air compressor. S. E. Jessup. 2,327,269; Aug. 17.
- Air conditioner. G. A. Bolcom. 2,327,242; Aug. 17.
- Air conditioner. C. R. Maddox. 2,325,692; Aug. 3.
- Air conditioner. P. B. Moore. 2,316,704; Apr. 13.
- Air conditioner. L. E. Perrine. 2,327,451; Aug. 24.
- Air conditioner and heater for buildings. W. Ische. 2,337,105; Dec. 21.
- Air conditioner, Self-contained. M. C. Terry and P. Komroff. 2,309,224; Jan. 26.
- Air conditioner, Unit. C. N. Deverall. 2,310,222; Feb. 9.
- Air conditioning. R. Brunel. 2,324,193; July 13.
- Air conditioning. R. B. P. Crawford. 2,323,122; June 29.
- Air conditioning. P. B. Moore. 2,317,104; Apr. 20.
- Air Conditioning. N. O. H. Styren. 2,311,583; Feb. 16.
- Air conditioning. A. B. Thomas. 2,321,115; June 8.
- Air conditioning and circulating apparatus. J. M. Funk. 2,314,696; Mar. 23.
- Air conditioning and circulating apparatus. S. J. Lonergan. 2,307,283; Jan. 5.
- Air conditioning and circulating apparatus. S. J. Lonergan. 2,332,583; Oct. 26.
- Air conditioning and heating unit, Combined. W. W. Hallinan. 2,323,034; June 29.
- Air conditioning apparatus. J. G. Caduff. 2,337,644; Dec. 28.
- Air conditioning apparatus. F. Cain. 2,336,066; Dec. 7.
- Air conditioning apparatus. R. R. Candor. 2,309,165; Jan. 12.
- Air conditioning apparatus. J. L. Ditzler. 2,310,843; Feb. 9.
- Air conditioning apparatus. J. L. Ditzler and R. E. Holmes. 2,329,342; Sept. 14.
- Air conditioning apparatus. A. H. Eberhart. 2,324,620; July 20.
- Air conditioning apparatus. A. H. Eberhart. 2,336,077; Dec. 7.
- Air conditioning apparatus. A. S. Feinberg. 2,319,119; May 11.
- Air conditioning apparatus. R. E. Holmes. 2,319,062; May 11.
- Air conditioning apparatus. A. B. Hubbard. 2,331,691; Oct. 20.
- Air conditioning apparatus. M. Kallscher. Re. 22,261; Feb. 2.
- Air conditioning apparatus. A. Mathias. 2,307,938; Jan. 12.
- Air conditioning apparatus. R. N. Meyerhans. 2,324,313; July 13.
- Air conditioning apparatus. T. S. Pendergast. 2,327,737; Aug. 24.
- Air conditioning apparatus. E. R. Wolfert. 2,335,627; Nov. 30.
- Air conditioning control. M. E. Hanson. 2,336,242; Dec. 7.
- Air conditioning control system. L. B. Miller and H. F. Dever. 2,309,411; Jan. 26.
- Air conditioning control system and apparatus. D. W. McLenghan. 2,314,232; Mar. 16.
- Air conditioning furnace. H. H. McNaughton. 2,315,070; Mar. 30.
- Air conditioning method and apparatus. J. E. Wilson. 2,316,641; Apr. 13.
- Air conditioning system. R. B. P. Crawford. 2,334,865; Nov. 23.
- Air conditioning system. G. D. Guler. 2,328,974; Sept. 7.
- Air conditioning system. W. L. McGrath. 2,323,873; July 6.
- Air conditioning system. W. L. McGrath. 2,330,725; Sept. 28.
- Air conditioning system. L. B. Miller, W. L. McGrath, and J. E. Haines. 2,333,729; Nov. 9.
- Air conditioning system. W. R. Miller. 2,323,408; July 6.
- Air conditioning system. A. B. Newton. 2,318,706; May 11.
- Air conditioning system. A. B. Newton. 2,327,544; Aug. 24.
- Air-conditioning system. H. Seelbach, Jr. 2,334,445; Nov. 16.
- Air conditioning system, Gas fired. J. S. Locke. 2,327,536; Aug. 24.
- Air conditioning system, Unit. R. A. Wittmann. 2,328,521; Aug. 31.
- Air conditioning system utilizing refrigeration. R. T. Palmer. 2,307,292; Jan. 5.
- Air conditioning system utilizing refrigeration. R. T. Palmer. 2,319,905; May 25.
- Air conditioning system utilizing refrigeration. R. T. Palmer. 2,320,978; June 1.
- Air conditioning system utilizing refrigeration. R. T. Palmer. 2,332,975; Oct. 26.
- Air conditioning unit. B. W. Jewell. Re. 22,303; Apr. 20.
- Air conditioning unit. R. W. Kritzer. 2,320,525; June 1.
- Air conditioning unit mounting. B. S. Williams. 2,316,640; Apr. 13.
- Air control instrument. C. B. Moore. 2,325,967; Aug. 3.
- Air cooling of engines. W. C. Dehn. 2,326,335; Aug. 10.
- Air cooling wave device. F. Wolf. 2,337,954; Dec. 28.
- Aircraft. E. F. Andrews. 2,307,654; Jan. 5.
- Aircraft. E. F. Andrews. 2,329,814; Sept. 21.
- Aircraft. E. F. Andrews. 2,330,803; Oct. 5.
- Aircraft. W. H. Barling. 2,308,802; Jan. 19.
- Aircraft. W. J. Conley. 2,334,070; Mar. 9.
- Aircraft. W. K. Crowder. 2,328,786; Sept. 7.
- Aircraft. J. W. Dyer and D. Kay. 2,333,364-6; Nov. 2.
- Aircraft. W. L. James. 2,308,477; Jan. 12.
- Aircraft. F. W. King. 2,331,837; Oct. 12.
- Aircraft. T. Kloeren. 2,322,715; June 22.
- Aircraft. H. M. Knight. 2,332,648; Oct. 26.
- Aircraft. T. M. Leka. 2,333,477; Mar. 9.
- Aircraft. M. H. Quickel. 2,334,286; Nov. 16.
- Aircraft. R. Tampier. 2,319,169; May 11.
- Aircraft. W. W. Williams. 2,334,975; Nov. 23.
- Aircraft altighting gear. H. H. Smith. 2,331,082; Oct. 5.
- Aircraft altitude spacing system. M. J. Finnegan. 2,316,411; Apr. 13.
- Aircraft attitude and level indicating instrument. R. E. Lorenzen. 2,328,730; Sept. 7.

- Aircraft automatic take-off, flight, and landing. C. J. Crane, G. V. Holloman, R. K. Stout, and C. D. Bar-bullesco. 2,323,235; June 23.
- Aircraft breathing regulator. G. M. Deming. 2,310,189; Feb. 2.
- Aircraft cabin. E. F. Burton. 2,310,573; Feb. 9.
- Aircraft cabin pressure controllers. J. B. Cooper. 2,307,199; Jan. 5.
- Aircraft construction. J. W. Edgemond. 2,338,030; Dec. 28.
- Aircraft construction. G. P. Peed, Jr. 2,329,133; Sept. 7.
- Aircraft control. R. H. Burroughs, Jr. 2,313,800; Mar. 18.
- Aircraft control device. B. G. Carlson. 2,325,108; July 27.
- Aircraft control device. B. G. Carlson. 2,327,171; Aug. 17.
- Aircraft control surface mounting. A. J. Thieblot. 2,334,848; Nov. 23.
- Aircraft, Direct-lift. I. I. Sikorsky. 2,318,259; May 4.
- Aircraft engine mounting. C. I. Preston. 2,327,062; Aug. 17.
- Aircraft fabrics and products thereof, Treating. I. Roon. 2,330,998; Dec. 5.
- Aircraft fire extinguishing system. C. H. Lindsay. 2,336,942; Dec. 14.
- Aircraft fuselage construction. J. Gerber. 2,327,636; Aug. 24.
- Aircraft gun mount. C. G. Trimbach. 2,326,904; Aug. 17.
- Aircraft gunnery device. W. B. Klemperer and A. Corte. 2,335,286; Nov. 30.
- Aircraft heater. F. O. Hess and J. W. Townsend. 2,314,089; Mar. 18.
- Aircraft heating apparatus. H. J. De N. McCollum. 2,327,202; Aug. 17.
- Aircraft landing gear. A. H. Dowty. 2,326,020; Aug. 3.
- Aircraft landing gear. A. C. Fulk and R. A. Wagner. 2,326,219; Apr. 10.
- Aircraft landing gear. E. R. Warner. 2,336,203; Dec. 7.
- Aircraft landing gear. J. B. Wassall and W. N. Wallace. 2,329,168; Sept. 7.
- Aircraft, Means for destroying. P. F. Newman. 2,323,561; July 6.
- Aircraft, Method and apparatus for landing. W. T. Cooke and A. S. Maeder. 2,307,923; Jan. 5.
- Aircraft, Multirotor. H. S. Campbell. 2,330,204; Sept. 28.
- Aircraft parts for transportation, Mounting. E. W. Rearwin and H. J. Matthis. 2,333,441; Nov. 2.
- Aircraft parts, Obtaining relative movement of. C. Konig. 2,307,317; Jan. 5.
- Aircraft pickup and delivery apparatus. J. G. Ray. 2,319,881; May 25.
- Aircraft, Rotary wing. C. G. Pullin. 2,317,342; Apr. 27.
- Aircraft, Rotary wing. C. G. Pullin. 2,325,632; Aug. 3.
- Aircraft, Rotary wing. C. G. Pullin. 2,327,370; Aug. 24.
- Aircraft, Rotary wing. C. G. Pullin. 2,337,571; Dec. 28.
- Aircraft, Rotating wing. F. A. Howard. 2,330,056; Sept. 21.
- Aircraft, Rotating wing. C. G. Pullin. 2,330,842; Oct. 5.
- Aircraft, Rotative winged. H. S. Campbell. 2,321,572; June 15.
- Aircraft, Rotative winged. A. E. Larsen. 2,324,588; July 20.
- Aircraft spark plug. H. Rabezana. 2,336,569; Dec. 14.
- Aircraft structure. C. Dornier. 2,310,765; Feb. 9.
- Aircraft structure. J. Perina. 2,334,504; Nov. 16.
- Aircraft structure. M. Watter. 2,313,411; Mar. 9.
- Aircraft structures, Attachment for. T. B. Salter. 2,334,844; Nov. 23.
- Aircraft tank construction. A. F. Arcer and C. J. Brukner. 2,322,104; June 15.
- Aircraft undercarriage. G. H. Dowty. Re. 22,255; Jan. 26.
- Aircraft wing. E. Scheler. 2,308,935; Jan. 19.
- Aircraft wing system. A. Gazda. 2,317,267; Apr. 20.
- Air cylinder apparatus for bottle filling machines. G. J. Meyer. 2,320,373; June 1.
- Air detonating device. G. M. Bicknell. 2,317,582; Apr. 27.
- Air distributing apparatus. A. E. Stacey, Jr. 2,312,272; Feb. 23.
- Air distributing apparatus for ventilating systems. A. S. Chipley. 2,329,102; Sept. 7.
- Air distribution casing. J. C. Labbe and C. J. Duchamp. 2,323,139; Jan. 29.
- Air diverter. C. Reimuller. 2,336,295; Dec. 7.
- Air diverter attachment. C. Reimuller. 2,336,296; Dec. 7.
- Air drying apparatus. C. Thunim and P. Bartlett. 2,322,603; June 22.
- Air duct. C. H. Koppin. 2,334,561; Nov. 16.
- Air duct assembly. F. J. Townsend. 2,330,763; Sept. 28.
- Air eliminator. D. Samiran. 2,313,773; Mar. 16.
- Air eliminator. D. Samiran. 2,326,175; Aug. 10.
- Air eliminator for fluid flow mechanisms. R. S. Smith. 2,318,264; May 4.
- Air exhausting apparatus for pumping systems. T. F. Moore. 2,318,251; May 4.
- Air filter. C. P. Hegan, J. P. Starks II, and V. Dahlman. 2,331,028; Oct. 5.
- Air filter. L. Seitz. 2,335,456; Nov. 30.
- Air filter. W. Shaw. 2,315,278; Mar. 30.
- Air filter system for motor and clutch units. O. H. Banker. 2,310,203; Feb. 9.
- Air flow control device. M. Serre. 2,332,351; Oct. 19.
- Air-flow indicator. D. J. MacKinnon. 2,311,238; Feb. 16.
- Air flowing through outlets, Means for determining the quantity of. C. G. Anderson. 2,336,209; Dec. 7.
- Airfoil construction. F. Terdina, Jr. 2,312,603; Mar. 2.
- Airfoil construction. G. A. Weingartner. 2,329,962; Sept. 21.
- Air from carbonated beverage containers, Purging. C. Schmutzer and K. Manrodt. 2,312,288; Feb. 23.
- Air impeller. W. A. Norris. 2,309,351; Jan. 26.
- Air impelling apparatus. W. H. Bretzlauff and C. P. Grimes. 2,325,222; July 27.
- Air jet gyro drift control. R. M. Helntz. 2,324,157; July 13.
- Air lock and manway therefor. W. A. Sandberg. 2,335,450; Nov. 30.
- Air mileage register for aircraft. T. W. Royer. 2,309,015; Jan. 19.
- Air motor. E. W. Waterman. 2,317,317; Apr. 20.
- Air nozzle. S. G. Yates. 2,320,964; June 1.
- Air outlet device. F. J. Honerkamp and F. J. Kurth. 2,328,858; Aug. 17.
- Air outlet device. M. Serre and J. B. Hewett. 2,377,280; Dec. 21.
- Airplane. I. Benjamins. 2,332,045; Oct. 19.
- Airplane. D. R. Berlin. 2,326,819; Aug. 17.
- Airplane. H. L. Bowers. 2,335,832; Nov. 30.
- Airplane. C. G. Griescheid. 2,337,812; Dec. 28.
- Airplane. V. S. Marafioti. 2,308,764; Jan. 19.
- Airplane. C. Ortega. 2,316,885; Apr. 20.
- Airplane. R. W. Palmer. 2,314,949; Mar. 30.
- Airplane. J. P. Shuhl. 2,336,194; Dec. 7.
- Airplane aileron. J. G. Hazard and A. E. Arslan. 2,312,546; Mar. 2.
- Airplane and control means. D. W. Grady and J. J. Laurie. 2,333,559; Nov. 2.
- Airplane and control device therefor. F. R. Maxwell. 2,321,837; June 15.
- Airplane anticling construction. C. L. Johnson. 2,324,303; July 13.
- Airplane brake. J. W. Hatch. 2,324,979; July 20.
- Airplane cockpit lamp assembly, Utility. A. D. Dircksen and H. H. Tellman. 2,309,104; Jan. 26.
- Airplane-cockpit outfit, Educational. S. Gold. 2,324,833; July 20.
- Airplane construction. J. K. Anderson. 2,325,900; Aug. 3.
- Airplane construction. F. Freytag. 2,315,117; Mar. 30.
- Airplane, Combat. F. M. Salisbury. 2,335,449; Nov. 30.
- Airplane engine mount. O. C. Koppin. 2,316,077; Apr. 6.
- Airplane fabric and making same. R. L. Lester. 2,336,266; Dec. 7.
- Airplane fabric, Making. R. L. Lester. 2,336,267; Dec. 7.
- Airplane, Fighting. C. Dornier. 2,308,796; Jan. 19.
- Airplane flap operating means. G. H. Gill. 2,328,897; Sept. 7.
- Airplane flight level indicator. J. Walton. 2,323,693; July 6.
- Airplane landing gear. E. M. Bertran. 2,323,367; July 6.
- Airplane, Miniature. K. A. Willard. 2,323,506; July 6.
- Airplane, Model. J. Petrich. 2,326,164; Aug. 3.
- Airplane propellers, Making. A. A. Andrake. 2,308,344; Jan. 12.
- Airplane retractable landing gear. E. A. Eddy. 2,323,385; July 6.
- Airplane running light installation. J. M. Roper. 2,328,032; Aug. 31.
- Airplane runway. G. G. Greulich. 2,321,197; June 8.
- Airplane safety device. A. Ralo. 2,334,028; Nov. 9.
- Airplane seat structure, Adjustable. G. W. O'Hare. 2,312,473; Mar. 2.
- Airplane stall and high-speed indicating apparatus. R. D. Lacoce. 2,328,384; Aug. 31.
- Airplane stall and high speed indicating apparatus. R. D. Lacoce. 2,337,753; Dec. 28.
- Airplane tail wheel structure. J. M. Hudson. 2,312,553; Mar. 2.
- Airplane wing construction. R. G. Naugle. 2,311,683; Feb. 23.
- Airplane wing construction. R. W. Palmer. 2,330,185; Sept. 21.
- Airplane with self-opening parachute. N. Vallinos. 2,324,045; July 13.
- Airplanes, Landing gear of. J. Lloyd. 2,338,046; Dec. 28.
- Airplanes, Lifiable undercarriage system for. R. L. Levy. 2,336,794; Dec. 14.
- Airport gasoline dispensing system. A. G. Horvath. 2,323,150; Dec. 7.
- Airport runway clearance indicating system and light unit. T. E. McDowell. 2,337,614; Dec. 28.
- Air propeller with adjustable pitch during flight. R. Matteucci. 2,308,228; Jan. 12.
- Air purger. R. E. Walters. 2,327,081; Aug. 17.
- Air removing apparatus. O. Mader. 2,308,376; Jan. 12.
- Aircrew. L. G. Fairhurst. 2,314,126; Mar. 16.
- Aircrew. F. M. Thomas. 2,323,165; June 28.

- Aircrew, Variable pitch. G. Algarsson. 2,313,795; Mar. 16.
- Aircrew, Variable-pitch. L. G. Fairhurst and H. New-
comb. 2,322,786; Oct. 26.
- Aircrew, Variable-pitch. A. H. R. Fedden. 2,307,578;
Jan. 5.
- Aircrew, Variable-pitch. F. M. Thomas, D. J. Kenney,
and P. R. Price. 2,334,967; Nov. 23.
- Air separator. C. E. Hermann. 2,329,900; Sept. 21.
- Airship. H. R. Liebert. 2,331,404; Oct. 12.
- Airship. V. M. Van Gieson. 2,327,145; Aug. 17.
- Airship. J. A. Yavdinsky. 2,319,967; May 25.
- Air speed and similar indicator. L. A. Warner.
2,315,756; Apr. 6.
- Air, Stabilizing. J. M. Carroll. 2,308,439; Jan. 12.
- Air sterilizing and conditioning machine, Portable. J. B.
Grisson. 2,335,056; Nov. 23.
- Air supplier for gas engines, Auxiliary. W. Schmelz.
2,311,351; Feb. 16.
- Air translating apparatus. G. H. Koch. 2,318,501;
May 4.
- Air translating apparatus. L. S. Ruendeau. 2,325,425;
July 27.
- Air treatment device. J. W. Carman. 2,309,885; Feb. 2.
- Air tube and burner head for oil burners and the like.
E. W. Beckett. 2,330,121; Sept. 23.
- Air valve. A. Keefe. 2,325,685; Aug. 3.
- Air valve. E. P. Zelnis. 2,320,162; May 25.
- Air velocity meter. J. R. Boyle. 2,315,185; Mar. 30.
- Air vent. A. J. Palko. 2,311,901; Feb. 23.
- Air-vent orler. J. R. Swan. 2,336,313-14; Dec. 7.
- Air volume control. W. E. Kent. 2,327,601; Aug. 24.
- Air volume control. B. E. Shaw. 2,322,166; June 15.
- Air volume control. E. F. Swanson. 2,329,665; Sept. 14.
- Alarm and testing circuit. A. C. Dickieson. 2,326,290;
Aug. 10.
- Alarm circuit. D. E. Truckswich. 2,326,313; Aug. 10.
- Alarm clock electric switch. G. W. Hall. 2,309,065;
Jan. 19.
- Alarm, Collision. J. K. McLeod. 2,319,010; May 11.
- Alarm device. J. Lyska. 2,337,482; Dec. 21.
- Alarm device, Automatic. N. S. Bright. 2,335,039;
Nov. 23.
- Alarm indicator. H. S. Polln. 2,322,703; June 22.
- Alarm mechanism. W. E. Proctor. 2,326,559; Aug. 10.
- Alarm or signal, Tilting switch. M. Sorensen. 2,322,549;
June 22.
- Alarm signaling apparatus employing public utility cir-
cuits. K. Bell. 2,332,776; Oct. 26.
- Alarm system. T. L. Dimond. 2,329,518; Sept. 14.
- Alarm system, Emergency. W. G. Bauer. 2,325,902;
Aug. 3.
- Alarm system, Radiant energy. M. H. A. Lindsay and
H. J. Pearson. 2,332,154; Oct. 19.
- Album for holding disk records. R. Fenton. 2,308,871;
Jan. 19.
- Alcohol, Chlorohydrin of unsaturated. B. T. Brooks.
2,311,023; Feb. 16.
- Alcohol, Isomeric peak. Manufacturing. A. St-Leger.
2,312,106; Feb. 23.
- Alcohol modified urea formaldehyde resins, Manufactur-
ing. E. F. Siegel. 2,332,979; June 29.
- Alcohol, unsaturated nitro. E. F. Degering and A.
Sprang. 2,332,482; Oct. 19.
- Alcoholic urea formaldehyde resin solution. I. Rosen-
blum. 2,323,357; July 6.
- Alcohols and manufacture thereof, unsaturated. L. A.
Mikeska and E. Arundale. 2,308,192; Jan. 12.
- Alcohols from olefin hydration products, Recovery of.
H. M. Gulnot. 2,313,196; Mar. 9.
- Alcohols, Manufacture of. A. J. Tulleners. 2,326,505;
Aug. 10.
- Alcohols, Preparation of alkoxy. R. E. Brooks.
2,321,542; June 8.
- Alcohols, Preparation of higher unsaturated aliphatic. G.
von Schuckmann. 2,332,834; Oct. 26.
- Alcohols, Producing unsaturated. J. J. Ritter. 2,335,027;
Nov. 23.
- Alcohols, Production of. R. E. Burk. 2,317,949; Apr. 27.
- Alcohols, Production of. G. H. van de Griendt, K. E.
Marple, and L. M. Peters. 2,318,033; May 4.
- Alcohols, Production of. H. G. Vesterdal and S. C. Ful-
ton. 2,308,219; Jan. 12.
- Alcohols, Production of aliphatic dihydric. W. Reppe,
W. Schmidt, A. Schulz, and H. Wenderlein. 2,319,707;
May 18.
- Alcohols, Production of polyhydric. G. H. van de
Griendt, K. E. Marple, and L. M. Peters. 2,318,032;
May 4.
- Aldehyde-aminothiazoline reaction-product. R. A.
Mathea. 2,331,995; Oct. 19.
- Aldehyde condensation product and making same. G.
Widmer and W. Fisch. 2,331,446; Oct. 12.
- Aldehyde condensation product of residual ethers of
cashew nut shell liquid. M. T. Harvey. 2,323,131;
June 29.
- Aldehyde condensation products and making same, Mixed.
G. Widmer and W. Fisch. 2,328,592-3; Sept. 7.
- Aldehyde reaction product of diamino-diphenyl-sulphone.
G. W. Knais. 2,336,501; Dec. 14.
- Aldehydes and bis-(diamino diaziny) cyanoalkylene di-
sulphides, Reaction products of. G. F. D'Alleio and
J. W. Underwood. 2,324,368; July 13.
- Aldehydes and bis-(diamino triaziny) cyanoalkylene di-
sulphides, Reaction product of. G. F. D'Alleio and J. W.
Underwood. 2,324,284; July 13.
- Aldehydes and diazine derivatives, Reaction product of.
G. F. D'Alleio. 2,324,289-90; July 13.
- Aldehydes and triazine derivatives, Reaction product of.
G. F. D'Alleio. 2,324,288; July 13.
- Aldehydes, Preparation of. D. J. Loder and W. F.
Gresham. 2,307,934; Jan. 12.
- Aldehydes, Preparation of. H.-G. Trieschmann, E. Jutz,
and P. Reicheneder. 2,333,216; Nov. 2.
- Aldol, Making. L. Szlatinay. 2,332,949; Oct. 26.
- Alignment gauge. H. T. Farr. 2,316,850; Apr. 20.
- Alimentary preparations. C. Weizmann. 2,316,733; Apr.
13.
- Aliphatic acids and anhydrides, Manufacture of. W. G.
Lowe and W. O. Kenyon. 2,319,070; May 11.
- Aliphatic alcohols, Production of. W. Reppe, W. Schmidt,
A. Schulz, and H. Wenderlein. 2,335,795; Nov. 30.
- Aliphatic aldehydes, Polymerization of. B. Thompson.
2,318,341; May 4.
- Aliphatic aldehydes, Production of. H. Dreyfus.
2,335,238; Nov. 30.
- Aliphatic anhydrides from mixtures containing water,
Separation of. I. L. Murray and F. H. Roberts.
2,314,881; June 15.
- Aliphatic higher monooaminomonocarboxylic acid amines
and their preparation, Saturated. M. W. Farlow.
2,323,806; July 6.
- Aliphatic monoketomonosulphonates, Manufacture of
secondary. J. H. Wernitz. 2,308,841; Jan. 19.
- Aliphatic peracids by oxidation of aldehydes, Preparation
of. J. B. E. Shaw. 2,314,885; Mar. 2.
- Alkali chlorine cell, Electrolytic. J. A. Flynn and J. W.
Ingerson. 2,330,415; Sept. 28.
- Alkali metal chlorite, Making. E. C. Soule. 2,332,180;
Oct. 19.
- Alkali metal hydroxide solutions from refining of mineral
oils, Regeneration of spent. A. P. Hewlett. 2,316,691;
Apr. 13.
- Alkali metal salts of β -sulphoropionitrile and prepara-
tion. E. L. Carpenter. 2,312,878; Mar. 2.
- Alkali metals and their amides, Production of. R. A.
Vingee and C. K. Lawrence. 2,315,830; Apr. 6.
- Alkali treatment of hydrocarbon oils. L. M. Henderson.
2,317,053; Apr. 20.
- Alkaline sulphates from ferrous sulphate, Producing.
T. C. Oliver, R. D. Long, and L. H. Crosso. 2,333,672;
Nov. 9.
- Alkaloid salts and the manufacture thereof. J. L. Reg-
nier. 2,312,440; Mar. 2.
- Alkanes, Nitration of. E. B. Hodge. 2,327,964; Aug. 24.
- Alkanol amine salts of dinitro-phenols. F. B. Smith and
J. N. Hansen. 2,328,505; Aug. 31.
- Alkenes, Production of branched chain. E. W. M. Faw-
cett. 2,336,600; Dec. 14.
- Alkoxy acrylonitriles and preparing the same. J. R. Long.
2,326,373; Aug. 10.
- Alkoxy meta-dioxanes. E. Arundale and L. A. Mikeska.
2,312,743; Mar. 2.
- Alkyl aromatic sulphonates, Producing higher. L. H.
Flett. 2,314,929; Mar. 30.
- Alkyl aryl sulphonates, Improving the storage properties
of. G. C. Toone. 2,333,830; Nov. 9.
- Alkyl aryl sulphonates, Production of. G. C. Toone.
2,314,255; Mar. 16.
- Alkyl derivatives of benzenesulphonyl fluoride. C. A.
Thomas. 2,337,532; Dec. 21.
- Alkyl esters, Preparation of. E. R. Gilliland. 2,310,283;
Feb. 9.
- Alkyl ethers of methylolurea. Preparation of. B. E.
Sorensen. 2,315,745; Apr. 6.
- Alkyl halides, Production of. A. D. Green and C. E.
Hemming. 2,308,170; Jan. 12.
- Alkyl halides, Production of. E. W. Riblett. 2,334,033;
Nov. 9.
- Alkyl phenols, Purification of. D. B. Luten, Jr., and A.
de Benedictis. 2,321,036; June 8.
- Alkyl substituted amine benzoic acid alkamine esters
and salts thereof. J. J. Donlevy. 2,321,483; June 8.
- Alkylated phenols, Production of. W. W. Weinrich and
E. J. Loew. 2,310,663; Feb. 9.
- Alkylation. A. M. McAfee and E. E. Dunlay. 2,323,616;
July 6.
- Alkylation. R. L. Smith. 2,338,786; Jan. 19.
- Alkylation of paraffin hydrocarbons. C. B. Linn.
2,307,799; Jan. 12.
- Alkylation process. R. B. Mason. 2,324,099; July 13.
- Alkylation process. A. A. O'Kelly and R. H. Work.
2,315,129; Mar. 30.
- Alkylation process and catalyst therefor. R. F. Ruth-
ruff. 2,316,108; Apr. 6.
- Alkylation process employing evaporative cooling. D. H.
Putney. 2,334,955; Nov. 23.
- Alkylene-polyamines and preparing them. R. Graf.
2,317,757; Apr. 27.
- Alkylene polyamines, Making. A. L. Wilson. 2,318,730;
May 11.
- Alkylidene derivatives of alpha-methylene monocarboxylic
acids, Preparing. H. J. Richter. 2,312,193; Feb. 23.
- All-metal folding camera stand. T. Korling. 2,323,473;
July 6.
- All relay system, 100-line. N. H. Saunders. 2,325,151;
July 27.

- Allantoinate, Preparing silver. C. F. Schaffer. 2,336,131; Dec. 7.
- Allanumene, Making. R. C. Palmer and C. H. Bibb. 2,325,422; July 27.
- Alloy: See—
- Aluminum base alloy. Magnesium-base alloy.
- Copper alloy. Nickel base alloy.
- Copper-aluminum-manganese alloy. Piercing die and alloy.
- Copper base alloy. Silver-copper solder alloy.
- Ferrous alloy. Welding alloy.
- Alloy. L. H. F. Canac and E. A. M. A. Segol. 2,310,214; Feb. 9.
- Alloy. J. M. Lohr. Re. 2,235,677; July 27.
- Alloy. W. C. McLott. 2,321,227; June 8.
- Alloy. R. L. Morrison. 2,310,308; Feb. 9.
- Alloy and dental article. C. Dietz. 2,310,732; Feb. 9.
- Alloy for cast dentures. Preparing. R. Neiman. 2,309,136; Jan. 26.
- Alloy for grinding balls. H. S. Cooper. 2,323,120; June 29.
- Alloy malleable iron. A. L. Boegehold. 2,331,886; Oct. 19.
- Alloy process. A. L. Feld. 2,336,237; Dec. 7.
- Alloy steel antifriction bearing element. F. L. Wright and G. V. Luerssen. 2,325,088; July 27.
- Alloy steel particle and producing the same. O. M. Otte. 2,327,209; Aug. 17.
- Alloy, Zinc. J. R. Daesen. 2,317,179; Apr. 20.
- Alloys. R. S. Dean and C. T. Anderson. 2,329,186; Sept. 14.
- Alloys, Drawing be-containing. 2,307,243; Jan. 5.
- Alloys from electrolytic manganese. Preparation of. J. J. McLaughlin. 2,325,068; July 27.
- Alloys, Making copper base. J. M. Kelly. 2,307,512; Jan. 5.
- Alloys. Preparation of manganese. R. S. Dean. 2,329,698; Sept. 21.
- Alloys, Rolling magnesium-base. J. C. McDonald. 2,314,010; Mar. 16.
- Alloys to other metals. Attaching high chromium ferrous. R. W. Schlumpf. 2,311,878; Feb. 23.
- Allyl alcohol and its homologues. Preparation of. F. Koehler. 2,323,781; July 6.
- Alpha, beta-unsaturated ketones as drying accelerators for oil modified coatings. M. E. Cuperly. 2,330,337; Sept. 28.
- Alpha-cyano-butadine. Preparation of. W. E. Hanford. 2,334,192; Nov. 18.
- α -n-amy! chinnamal ethyl cyanacetate as a pest-control agent. W. Moore. 2,307,705; Jan. 5.
- Alphanaphthoquinones. Producing substituted. C. F. Koelsch. 2,334,103; Nov. 9.
- Alpha naphthoselenazoles. Preparation of. E. B. Middleton and G. A. Dawson. 2,330,791; Sept. 28.
- Alphanaphthylacetamide. Preparing. V. Migirdichian. 2,331,711; Oct. 12.
- Alpha olefins. Isomerization of. A. A. Draeger and J. Savelli. 2,334,908; Nov. 23.
- α -1-naphthyl cinnamic nitrile as a pest-control agent. W. Moore. 2,307,702; Jan. 5.
- α -phenyl cinnamic nitrile as an insecticide. W. Moore. 2,307,700; Jan. 5.
- α -Pyrene and preparing it. R. C. Elderfield. 2,334,180; Nov. 18.
- Announcing current electric power systems. Protection of. P. H. Light. 2,336,872; Dec. 14.
- Alternating current generator. K. S. Dunlap. 2,329,111; Sept. 7.
- Alternating current generator. C. A. Lovell. 2,326,663; Aug. 10.
- Alternating current generator. C. A. Lovell. 2,327,276; Aug. 17.
- Alternating current generator. C. A. Lovell and R. F. Mallina. 2,309,703; Feb. 2.
- Alternating current generator. C. A. Lovell, R. F. Mallina, and D. B. Parkinson. 2,327,277; Aug. 17.
- Alternating current generator. R. F. Mallina. 2,323,719; July 6.
- Announcing current supply means. F. H. Nicholson. 2,337,207; Dec. 21.
- Alternating switch. P. T. Galt, Jr. and H. E. Schleicher. 2,319,810; May 25.
- Alternator and control system therefor. F. F. Hutchinson. 2,320,602; June 1.
- Alternator control system. F. Jervis. 2,314,501; Mar. 23.
- Alternator control system. F. Jervis. 2,317,062; Apr. 20.
- Alternator, Electrostatic. R. C. Fisher. 2,318,935; May 11.
- Altimeter and the like. M. N. Fairbank. 2,332,565; Oct. 26.
- Altimeter or barometer. R. K. Stout and C. L. Paulus. 2,321,633; June 15.
- Altimeter regulator. A. Urfer. 2,323,166; June 29.
- Altimeter, Signal operating. R. S. Grier. 2,329,715; Sept. 21.
- Altitude control, Automatic. C. J. Crane and R. K. Stout. 2,323,311; July 6.
- Altitude controlled pressure regulator. W. J. Jacobsson. 2,315,143; Mar. 9.
- Altitude-controlled regulator. W. C. Bucknam. 2,326,825; Aug. 17.
- Altitude-controlled valve. W. J. Jacobsson. 2,307,838; Jan. 12.
- Altitude measuring. F. Dunmore and E. G. Lapham. 2,323,317; July 6.
- Altitudes, Determining. A. Svoboda. 2,324,604; July 20.
- Aluminothermic and articles of manufacture. J. H. Deppeler. 2,337,314; Dec. 21.
- Aluminum base alloy. P. T. Stroup. 2,336,512; Dec. 14.
- Aluminum, Coating. J. S. Thompson. 2,312,865; Mar. 2.
- Aluminum furnace. G. Hagerup-Larssen. 2,330,576; Sept. 28.
- Aluminum hydroxide powder and preparing the same. B. Walton. 2,323,432; July 6.
- Aluminum. Manufacture of. H. Loewenstein. Re. 2,270; Feb. 16.
- Aluminum salt of hydroxy carboxylic acids. J. G. K. Mercein and W. O. Dawson. 2,327,815; July 24.
- Aluminum stearate solution and process of preparing the same. K. N. Mathes. 2,308,988; Jan. 19.
- Aluminum structures. Joining. K. D. McMahan. 2,332,330; Oct. 19.
- Aluminum sulphate. Production of. W. S. Wilson. 2,323,499; July 6.
- Aluminum sulphate solutions. Production of. W. S. Wilson. 2,332,285; Oct. 19.
- Aluminum surfaces. Treating. R. Shawcross. 2,337,940; Dec. 28.
- Amalgam decomposition. M. C. Taylor. 2,336,045; Dec. 7.
- Amalgamator. G. M. Hollenback. 2,328,213; Aug. 31.
- Ambulances. Rep. W. B. Dawson. 2,324,307; July 24.
- Amides and producing same. Sulphonated. E. A. Robinson and T. G. Webber, Jr. 2,329,086; Sept. 7.
- Amides of cycloalkyl-substituted saturated aliphatic-carboxylic acids. G. H. Coleman and W. D. Schroeder. 2,337,846; Dec. 28.
- Amides of dibasic phenylene acids and homologues thereof. Mercured alkyl. D. L. Tabern. 2,311,267; Feb. 16.
- Amides. Preparation of. M. Katzman and A. K. Epstein. 2,322,783; June 29.
- Amine salt of a thiazole. G. W. Watt. 2,331,749; Oct. 12.
- Amine salts of phenols. E. C. Britton and G. H. Coleman. 2,313,988; Mar. 16.
- Amines. Derivatives of. M. Katzman and A. K. Epstein. 2,328,021; Aug. 31.
- Amines. Production of aromatic. H. L. Fisher. 2,322,572; June 22.
- Amines with alkylene oxides. Condensation of. E. J. Schwoeger. 2,337,004; Dec. 14.
- Amino acid amide derivatives and their manufacture. H. Martin and W. Stambach. 2,325,331; July 27.
- Amino alkyl compounds. Making. A. L. Wilson. 2,318,729; May 11.
- Aminoanthraquinone compounds. Manufacture of. J. Ogilvie. 2,321,767; June 15.
- Amino anthraquinones. J. G. McNally and J. B. Dickey. 2,311,065; Feb. 16.
- Amino-aryl sulphonamides. A. Solomon. 2,322,974; June 29.
- Amino compounds. Preparation of. W. O. Kenyon and W. G. Lowe. 2,311,054; Feb. 16.
- Amino diaryl dialkyl cyclobutane. P. T. Paul. 2,321,935; June 15.
- Aminodiphenylether sulphonic acids. Manufacture of. H. Martin and H. H. Zaeslin. 2,309,969; Feb. 2.
- Aminobenzol and its preparation. J. G. McNally and J. B. Dickey. 2,319,078; May 11.
- Aminophenols and the preparation thereof. J. B. Dickey and A. R. Gray. 2,327,773; Aug. 24.
- Aminoplast. G. F. D'Alelio. 2,331,377; Oct. 12.
- Aminoplast containing a halogenated nitrile. G. F. D'Alelio. 2,320,816; June 1.
- Aminoplast modified with a malonic ester. G. F. D'Alelio. 2,325,375; July 27.
- Aminoplast modified with oxanilic acid. G. F. D'Alelio. 2,322,566; June 22.
- Aminoplast, Plasticized. G. F. D'Alelio. 2,322,567; June 22.
- Aminoplast, Plasticized. G. F. D'Alelio. 2,327,772; Aug. 24.
- Amino substituents of sulphanilamide derivatives. M. L. Moore. 2,324,013; July 13.
- Amino-sulphonic acids substituted in the amino-group by acyl radicals of fatty acids. Preparing. S. Yamashita and T. Yoshizaki. 2,313,695; Mar. 9.
- Aminothiazole from chloroacetal. L. P. Kyrides. 2,330,223; Sept. 28.
- Aminotriazine-aldehyde binding agent. G. Widmer and W. Fisch. 2,318,121; May 14.
- Aminotriazine-aldehyde-halogenated acetone condensation products. G. F. D'Alelio. 2,327,771; Aug. 24.
- Ammeter. A. H. Wolferz and P. P. Huber. 2,326,909; Aug. 17.
- Ammonia from used cuprammonium artificial silk precipitation liquors. Recovering. A. Halmteier. 2,315,201; Mar. 30.
- Ammonium and amine salts of acidic organic compounds. Preparation of. R. C. Datin and D. C. Bardwell. 2,324,199; July 13.
- Ammonium compound, Quaternary. J. S. Buck, L. Reiner, and M. B. Sherwood. 2,336,465; Dec. 6.

- Ammonium compound, Quaternary. J. C. Sauer. 2,310,873; Feb. 9.
- Ammonium compounds, Quaternary. F. Leuchs. 2,317,999; May 4.
- Ammonium compounds, Quaternary. W. Zerweck and O. Tröskel. 2,321,963; June 15.
- Ammonium nitrate explosive. W. M. Cobb, Jr. 2,324,363; July 13.
- Ammonium sulphate recovery process. L. Maleson. 2,324,222; July 13.
- Ammonium thiosulphates, Preparation of. M. Marasco. 2,315,534; Apr. 6.
- Ammunition. J. G. Cadham. 2,326,065; Dec. 7.
- Ammunition. G. M. Calhoun. 2,327,867; Aug. 24.
- Ammunition. C. D. Cox. 2,331,870; Oct. 12.
- Ammunition. J. H. Hodgson. 2,315,853; Apr. 6.
- Ammunition. J. H. Hodgson, J. R. Balder, and F. E. James. 2,327,894; Aug. 24.
- Ammunition gauging machine. W. S. Reynolds. 2,331,422; Oct. 12.
- Ammunition manufacture. R. H. Grace and I. F. Walker. 2,327,885; Aug. 24.
- Ammunition manufacture. C. R. Johnson and W. P. G. Hall. 2,321,298; June 8.
- Ammunition trimming apparatus. M. L. Sappenfeld. 2,321,323; June 8.
- Ampere-hour meter. E. E. Lynch. 2,324,307; July 13.
- Amphibian. T. F. Thompson. 2,309,875; Feb. 2.
- Amphibious armoured vehicle. G. M. Gibbs and T. R. Tusting. 2,309,947; Feb. 2.
- Amplifier. M. Artzt. 2,323,966; July 13.
- Amplifier. J. R. Bowman. 2,326,614; Aug. 10.
- Amplifier. W. M. Brubaker. 2,313,122; Mar. 9.
- Amplifier. B. W. Clark. 2,324,279; July 13.
- Amplifier. F. Marble. 2,324,408; July 13.
- Amplifier. H. Roder. 2,312,104; Feb. 23.
- Amplifier, Air-cooled power. A. A. Skene. 2,324,034; July 13.
- Amplifier and detecting system, Oscillating. C. W. Hansell. 2,320,428; June 1.
- Amplifier, Anticoupled. W. Hagen. 2,313,014; Mar. 2.
- Amplifier, Audio frequency. N. J. Oman. 2,313,962; Mar. 16.
- Amplifier, Band pass. G. L. Grundmann. 2,321,291; June 8.
- Amplifier, Carrier frequency. H. Hannemann and E. Oberländer. 2,317,764; Apr. 27.
- Amplifier circuit for ultra short waves. W. Kleen. 2,332,919; Oct. 16.
- Amplifier circuits, Band-pass. N. M. Rust, J. D. Brallsford, and E. F. Goodenough. 2,310,910; Feb. 9.
- Amplifier circuits, High frequency. M. J. O. Strutt and A. van der Ziel. 2,315,296; Mar. 30.
- Amplifier, Contact. Würth, Wilhelm, Berlin, Germany, assignor to General Electric Company. 2,320,208; May 25.
- Amplifier control circuits. J. van Slooten and B. W. van L. Schenau. 2,316,474; Apr. 13.
- Amplifier, Differentiating. E. L. Norton. 2,324,797; July 20.
- Amplifier, Electron discharge. G. W. Fyler. 2,335,050; Nov. 23.
- Amplifier, Hearing aid. H. B. Shapiro. 2,327,321; Aug. 17.
- Amplifier, High frequency. W. H. Doherty. 2,314,132; Mar. 16.
- Amplifier, Low frequency. J. van Slooten and R. F. Volz. 2,323,634; July 6.
- Amplifier, Microphone. A. J. Mastropole. 2,322,765; June 29.
- Amplifier, Negative feed-back. A. L. Stillwell. 2,337,423; Dec. 21.
- Amplifier, Optical. W. L. Fischer. 2,322,231; June 22.
- Amplifier, Peak limiting. L. P. Tuckerman. 2,331,360; Oct. 12.
- Amplifier, Power. W. A. Black. 2,331,761; Oct. 12.
- Amplifier, Signal. H. M. Lewis. 2,322,528; June 22.
- Amplifier system. F. L. Steghart. 2,329,423; Sept. 14.
- Amplifier system, Seismograph. L. J. Peters. 2,318,795; May 11.
- Amplifier, Ultra-short wave. A. van der Ziel and M. J. O. Strutt. 2,312,739; Mar. 2.
- Amplifier, Wide band. D. E. Norgaard. Re. 22,306; Apr. 27.
- Amplifier, Wide range. A. W. Barber. 2,325,933; Aug. 3.
- Amplifying circuit for ultra-short waves. A. van der Ziel, M. J. O. Strutt, and K. S. Knol. 2,312,510; Mar. 2.
- Amplifying hearing aid. H. B. Shapiro. 2,327,320; Aug. 17.
- Amplifying leverage for vehicle brakes. D. M. Martin-dill. 2,315,632; Apr. 6.
- Amplifying system. A. A. Roetken. 2,322,884; June 29.
- Amplitude control for oscillator circuits, Automatic. E. S. Mabey. 2,320,876; June 1.
- Amplitude limiter. K. Schiesinger. 2,309,258; Jan. 26.
- Amploule. A. E. Smith. 2,313,483; Mar. 9.
- Amploule construction. A. E. Smith. 2,337,354. Dec. 21.
- Amusement and educational device. F. J. Manhart. 2,310,800; Feb. 9.
- Amusement apparatus. N. Bartlett. 2,320,555; June 1.
- Amusement apparatus. J. F. Courtney. 2,307,737; Jan. 12.
- Amusement apparatus. H. Johnson. 2,319,327; May 18.
- Amusement device. H. Bascom. 2,313,313; Mar. 9.
- Amusement device. R. C. du Pont. 2,321,371; June 8.
- Amusement device. T. J. Murphy. 2,318,958; May 11.
- Amusement ride apparatus. S. W. Shepherd. 2,328,852; Sept. 7.
- Analytical furnace. E. T. Saxer and R. E. Minto. 2,322,159; June 15.
- Analyzer, Traffic. A. Diebold. 2,330,872; Oct. 5.
- Analyzer, Weld. J. Ogden and H. B. Wilkins. 2,322,052; June 15.
- Anatomical support. N. Dine and A. Bloomberg. 2,314,680; Mar. 16.
- Anchor and ballast tamper, Combined rail. E. Woodings. 2,314,750; Mar. 23.
- Anchor bolt insert. J. F. Hulme. 2,312,338; Mar. 2.
- Anchor, Cable. J. F. Topinka. 2,330,456; Sept. 28.
- Anchor device, Dowel and tendon. C. Kaplan and H. Kittilsen. 2,327,527; Aug. 24.
- Anchor, Earth. C. R. Pieper. 2,320,464; June 1.
- Anchor, Earth. C. R. Pieper. 2,335,530; Nov. 30.
- Anchor for clotheslines or the like. B. Davis. 2,316,053; Apr. 6.
- Anchor, Fuse. J. A. Björkman. 2,318,282; May 4.
- Anchor groove forming device for concrete structures. C. R. Johnson. 2,318,692; May 11.
- Anchor, Land. J. O. Klein. 2,315,339; Mar. 30.
- Anchor, Rail. C. F. Gallor. 2,322,742; June 22.
- Anchor, Screw. A. W. Gelpcke. 2,326,453; Aug. 10.
- Anchor, Tenon. R. J. Haug. 2,318,776; May 11.
- Anchor, Tubing. J. S. Page. 2,332,749; Oct. 26.
- Anchor, Twin fluke. R. S. Danforth. 2,320,966; June 1.
- Anchor, Wall. W. Dinnes. 2,313,522; Mar. 9.
- Anchored flexible coupling. G. H. Yelnek. 2,332,682; Oct. 13.
- Anchoring device. C. R. Fitz Gerald. 2,315,513; Apr. 6.
- Anchoring device for application to mattress walls. M. Behcik. 2,312,379; Mar. 2.
- Anchoring device for awnings. G. Y. Worthington, III, and D. T. Thomas. 2,327,147; Aug. 17.
- Anchoring device, Wall. C. J. Herschel. 2,335,672; Nov. 30.
- Anchoring means for sanitary drinking cups. P. N. Fleming. 2,317,046; Apr. 20.
- Anemometer. W. C. Erwin. 2,309,581; Jan. 26.
- Anemometer. M. Knobel and R. H. Packard. 2,316,255; Apr. 13.
- Angle blade attachment. H. E. Phoenix. 2,336,124; Dec. 7.
- Angle drill. G. J. Mayer. 2,333,025; Oct. 26.
- Angle drive transmission. D. W. Hunter. V. T. Moore, and J. Modrovsky. 2,326,860; Aug. 17.
- Angle iron clamp. T. B. Chandler. 2,324,381; July 13.
- Angle measuring instrument. P. A. McNally. 2,330,603; Sept. 28.
- Angle piece. A. Kaltenbach. 2,319,328; May 18.
- Angle plate for machine tables. M. J. Kulla. 2,315,433; Mar. 30.
- Anhydride, alumina and cements using sulphates of calcium, Manufacturing, sulphurous. J. C. Seailles. 2,330,631; Sept. 28.
- Anhydride, making the same and product including it, Activated. A. T. McCord and H. F. Saunders. 2,326,167; Aug. 10.
- Anilides, Manufacture of. G. F. Howard and A. H. Knight. 2,311,754; Feb. 23.
- Anilides, Manufacture of new. G. F. Howard and A. H. Knight. 2,311,753; Feb. 23.
- Animal exerciser. C. C. Ament. 2,307,905; Jan. 12.
- Animal feeding apparatus. C. P. Murphy. 2,320,828; June 1.
- Animal growth promoting substance. J. J. Oleson. 2,328,355; Aug. 31.
- Animal holder. W. G. Pingel. 2,331,224; Oct. 5.
- Animal protein resin product and preparation thereof. C. S. Leonardson and D. J. White. 2,332,802; Oct. 26.
- Animal scratching device. D. McQuistan. 2,333,946; Nov. 9.
- Animal tissue, Treating. J. M. Ramsbottom. 2,321,621; June 15.
- Animal tissue, Treating. J. M. Ramsbottom and L. S. Paddock. 2,321,625; June 15.
- Animal tissue, Treatment of. J. M. Ramsbottom and L. S. Paddock. 2,321,624; June 15.
- Animal tissue, Treatment of. J. M. Ramsbottom and L. S. Paddock. 2,321,624; June 15.
- Animal trap. H. W. Adams. 2,311,920; Feb. 23.
- Animal trap. G. H. Morrison. 2,332,334; Oct. 19.
- Animal trap. E. W. O'Neil. 2,316,970; Apr. 20.
- Animal trap. B. A. Runyan. 2,314,247; Mar. 16.
- Animal trap, Self-set. F. Holzknecht. 2,333,651; Nov. 9.
- Animals, Housing. F. D. Cornell. 2,311,640; Feb. 23.
- Anion exchange reactions, Carrying out. L. Gerb. 2,323,990; July 13.
- Annealing. H. F. and B. F. Jenkins. 2,321,917; June 15.
- Annealing apparatus. R. C. Pierce. 2,310,991; Feb. 16.
- Annealing furnace. C. B. Hoak. 2,325,677; Aug. 3.
- Annealing furnace. E. I. Huff. 2,309,699-700; Feb. 2.
- Annular article. R. Pash. 2,327,211; Aug. 17.
- Annular grooves, Device for forming. A. Rickenmann. 2,321,421; June 8.

- Annunciator. L. I. Kritz. 2,314,584; Mar. 23.
 Annunciator. H. Panissidi. 2,329,782; Sept. 21.
 Anode. E. W. Fern and R. O. Hull. 2,315,607; Apr. 6.
 Anode. H. G. Wellman. 2,324,342; July 13.
 Anode. M. G. Winfield. 2,316,561; Feb. 9.
 Anode bag. M. B. Diggin. 2,321,367; June 8.
 Anode bushing for metal vapor arc converters. A. Siemens and H. von Bertele. 2,308,939; Jan. 19.
 Anode cooling jacket. C. V. Litton. 2,312,920; Mar. 2.
 Anode ignition. Offset. D. E. Marshall and W. J. Knoche. 2,308,377; Jan. 12.
 Anodes. Method of conditioning. Z. J. Atlee. 2,329,317; Sept. 14.
 Antipolish container. E. C. Hansen. 2,320,077; May 25.
 Antenna. G. H. Brown. 2,313,513; Mar. 9.
 Antenna. W. L. Carlson and W. H. Conron. 2,313,321; Mar. 9.
 Antenna. E. J. Cowan. 2,337,710; Dec. 28.
 Antenna. N. E. Lindenblad. 2,310,853; Feb. 9.
 Antenna. H. O. Roosenstein. 2,311,472; Feb. 16.
 Antenna arrangement. Frame. K. M. H. Meier. 2,314,234; Mar. 16.
 Antenna. Automobile radio. R. L. Dillon. 2,326,443; Aug. 10.
 Antenna. Automotive vehicle. L. S. Brach and A. Norden. Jr. 2,329,329; Sept. 14.
 Antenna. Broad band. A. Alford. 2,327,485; Aug. 24.
 Antenna. Broad band. W. Buschbeck and H. Zumbusch. 2,311,364; Feb. 16.
 Antenna circuit modulation system. D. G. C. Luck. 2,317,071; Apr. 20.
 Antenna constants. Determining. G. H. Brown. 2,337,968; Dec. 28.
 Antenna construction. M. S. Neiman. 2,334,279; Nov. 3.
 Antenna coupling and tuning system for communication or broadcast receivers. J. W. Sharp. 2,310,323; Feb. 9.
 Antenna coupling and tuning system for communication or broadcast receivers. C. W. Wandrey. 2,310,720; Feb. 9.
 Antenna. Directive. J. Goldman. 2,311,535; Feb. 16.
 Antenna feed system. N. E. Lindenblad. 2,318,237; May 4.
 Antenna feeder lead or line. Shielded. H. O. Roosenstein. 2,322,071; June 29.
 Antenna. Flexible loop. W. J. Schnell. 2,307,805; Jan. 12.
 Antenna for vehicles. Adjustable. H. J. Lyman. 2,313,052; Mar. 9.
 Antenna interaction compensating means. A. G. Kandorian. 2,327,435; Aug. 25.
 Antenna. Motor vehicle. C. R. Paton. 2,334,503; Nov. 16.
 Antenna. Multiple section. G. H. Brown. 2,321,454; June 8.
 Antenna. Radio. E. L. Barrett. 2,327,163; Aug. 17.
 Antenna reel. A. Murdoch and W. D. Van Dyke. 2,312,262; Feb. 23.
 Antenna reel control. N. M. Raskhodoff. 2,321,556; June 8.
 Antenna. Remote control sectionalized. E. J. Hefele. 2,329,200; Sept. 14.
 Antenna system. A. B. Bailey. 2,323,641; July 6.
 Antenna system. R. A. Beecar. 2,319,760; May 18.
 Antenna system. L. A. Gebhard and R. B. Meyer. Re. 2,335; Aug. 17.
 Antenna system. M. A. Rote. 2,311,872; Feb. 23.
 Antenna system. Directive. H. A. Wheeler. 2,324,548; July 20.
 Antenna system. High frequency. L. M. Leeds and M. W. Scheldorf. 2,324,462; July 13.
 Antenna system. High frequency. W. H. Newbold. 2,318,516; May 4.
 Antenna system. Loop. W. H. Grinditch. 2,322,126; July 15.
 Anthelmintic composition. R. P. Scherer. 2,327,564; Aug. 24.
 Anthraquinone compound. J. G. McNally and J. B. Dickey. 2,326,047; Aug. 3.
 Anthraquinone compound. J. G. McNally, J. B. Dickey and A. R. Gray. 2,307,782; Jan. 12.
 Anthraquinone compounds. J. G. McNally and J. B. Dickey. 2,337,566; Dec. 28.
 Anthraquinone derivatives. Manufacture of. H. C. Olpin, C. S. Argyle, and F. Brown. 2,309,708; Feb. 2.
 Anti-anemic concentrates. Preparing. H. L. Keil. 2,324,448; July 20.
 Anti-cryptogamic colloidal solutions, bactericides, and insecticides. Preparation and use of. P. Bary. 2,313,190; Mar. 9.
 Antidetonant. A. B. Doran. 2,314,575; Mar. 23.
 Anti-flex-cracking agent. R. T. Armstrong. 2,334,470; Nov. 16.
 Antifreeze device. Motor. A. Merdan. 2,326,050; Aug. 3.
 Antifreezing medium. H. S. Polin and A. I. Nerken. 2,308,246; Jan. 12.
 Antigenic composition. P. Masucci. 2,332,521; Oct. 26.
 Antiglare device. F. A. Brunson. 2,324,469; July 20.
 Antihalation layers. Manufacture of. R. Brodersen and G. Wilmanns. 2,321,279; June 8.
 Anthemorrhagic compound. M. Tishler and N. L. Wendler. 2,307,084; Jan. 5.
 Anthemorrhagic compound. M. Tishler and N. L. Wendler. 2,331,008; Oct. 5.
 Antilanding device for pigeons and other birds. P. Pavloff and G. Hamilton. 2,308,893; Jan. 19.
 Antimony ore. Smelting. C. O'Keefe. 2,330,307; Sept. 28.
 Antimony. Recovery of. W. H. Osborn and J. R. Smith. 2,327,646; Aug. 24.
 Antimicrobial compounds. R. R. Williams and J. K. Chene. 2,328,594; Sept. 7.
 Antioxidant. D. Craig. 2,318,758; May 11.
 Antioxidant composition. H. F. Lewis. 2,334,564; Nov. 16.
 Antioxidant for fats and oils. H. A. Mattill and C. Columbie. 2,333,655-8; Nov. 9.
 Antioxidants. P. T. Paul. 2,320,745-6; June 1.
 Antirefill device. H. A. Fisher. 2,337,549; Dec. 28.
 Antiseize lubricating compound for threads and its preparation. A. L. Parker. 2,311,772; Feb. 23.
 Antisprawl. W. B. Stillman, A. B. Scott, and J. M. Chaput. 2,319,481; May 18.
 Antisprawl. Hexyl-chloro-m-cresol. F. W. Hartman and V. Schelling. 2,318,387; May 4.
 Antisprawl. Hexyl-chloro-m-cresol. F. W. Hartman and V. Schelling. 2,318,390; May 4.
 Antisprawl. Hexyl-dichloro-resorcinol. F. W. Hartman and V. Schelling. 2,318,388-9; May 4.
 Antisprawl foot. Thermometer holder. J. L. Martineau. 2,323,615; July 6.
 Antiskid appliance. E. P. Schwab. 2,310,467; Feb. 9.
 Antiskid device. F. A. Berner. 2,324,352; July 13.
 Antiskid device. F. Markwick. 2,308,093; Jan. 12.
 Antiskid tire chain. J. O. Reed. 2,332,113; Oct. 19.
 Antiskidding device. S. J. Wood. 2,308,904; Jan. 19.
 Antislip foot. Thermometer holder. J. L. Martineau. 2,323,615; July 6.
 Antislipping device. E. F. Block. 2,313,316; Mar. 9.
 Antislipping device for locomotives. A. F. Anderson. 2,321,059; June 8.
 Antispasmodic agents. R. R. Burtner. 2,334,310; Nov. 16.
 Antistatic agent and its application. J. B. Dickey. 2,312,200; May 4.
 Antitheft device. R. N. Davis. 2,316,936; Apr. 20.
 Antitheft wheel. L. V. Mallory. 2,334,828; Nov. 23.
 Anvil for riveting guard ledger plates. H. G. Conner. 2,322,830; June 29.
 Anvil for stapling machines. E. Krantz. 2,310,530; Feb. 9.
 Apparatus. C. W. Shields. 2,329,421; Sept. 14.
 Apparatus and method for applying gummed labels to cellulose and paper. K. C. Tompkins. 2,333,750; Nov. 9.
 Apparatus and method for breaking slabs of stone. E. M. Oriow. 2,319,154; May 11.
 Apparatus and method for closing abnormal openings in wall-like members of the anatomy. O. F. Lamson. 2,324,520; July 20.
 Apparatus and method for controlling pulp density. H. Hardinge. 2,308,917; Jan. 19.
 Apparatus and method for injection molding. W. R. Tucker. 2,319,482; May 18.
 Apparatus and method for making composition material. J. Marchese and S. J. Selden. 2,320,702; June 1.
 Apparatus and method for molding concrete. R. W. Bally. 2,311,358; Feb. 16.
 Apparatus and method for producing one-piece multi-lens lenses and lenses. F. E. Duckwall. 2,319,922; May 25.
 Apparatus and method for sterilizing flowing water. C. L. Trier and J. H. Livingston 3rd. 2,313,518; Oct. 12.
 Apparatus and method for the control of air flow through furnace tuyeres. H. A. Reece. 2,313,769; Mar. 16.
 Apparatus and method for the manufacture of artificial fibers. J. J. Costa and W. H. Kahler. 2,317,152; Apr. 20.
 Apparatus and method of stringing tobacco. W. F. Dickerson. 2,327,252; Aug. 17.
 Apparatus and method whereby improved mineral wool fibers and products may be made. D. C. Drill and C. C. Davis. 2,328,714; Sept. 7.
 Apparatus and method for catalytic reactions of low boiling hydrocarbons. C. T. Harding. 2,334,553; Nov. 16.
 Apparatus and process for making capsules. C. E. Mabbs. 2,333,433; Nov. 2.
 Apparatus and process for separating finely divided in-ter-mixed materials. E. Stump. 2,332,183; Oct. 19.
 Apparatus and process for treating metal powders. R. H. Terry and D. J. Henry. 2,329,862; Sept. 21.
 Apparatus and process for vinegar making. M. P. Kedrovich. 2,335,065; Nov. 23.
 Apparatus calling for a material representation of numbers. P. L. Couffignal. 2,318,591; May 11.
 Apparatus for A. C. network analysis. W. E. Enns. 2,323,588; July 6.
 Apparatus for administering oxygen. J. Kreiselman. 2,313,999; Mar. 16.
 Apparatus for aerating viscous liquids. H. W. Greenup and N. Johnston. 2,324,988; July 20.
 Apparatus for agglomerating commercial carbon black. S. C. Carney. 2,332,057; Oct. 19.
 Apparatus for air conditioning. A. H. Robson. 2,322,469; June 22.
 Apparatus for aligning and registering forms for multi-colored printing. B. I. Kaye. 2,324,399; July 13.

- Apparatus for amplifying and measuring small displacements. O. H. Truman. 2,316,915; Apr. 20.
- Apparatus for analyzing reader observation. J. Tiffin and J. S. Karlsake. 2,311,914; Feb. 23.
- Apparatus for assembling tire plies. J. C. Carlin. 2,337,447; Dec. 21.
- Apparatus for and method of air conditioning. P. S. Russel. 2,314,558; Mar. 23.
- Apparatus for and method of cleaning and partially dehydrating oily wood preservatives. J. A. Vaughan and J. C. Vinson. 2,314,257; Mar. 16.
- Apparatus for and method of continuously cooking starch. C. F. Payne. 2,313,574; Mar. 9.
- Apparatus for and method of detecting and correcting for skew in woven material. E. D. Lilja. 2,311,674; Feb. 23.
- Apparatus for and method of forming and treating glassware. W. K. Berthold. Re. 22,302; Nov. 16.
- Apparatus for and method of forming structures of cementitious or other hardening material. F. A. Williams. 2,331,066; Oct. 5.
- Apparatus for and method of making blanks for self-tapping screws. J. J. Farrell. 2,309,053; Jan. 19.
- Apparatus for and method of making X-ray photographs. P. M. Wheeler. 2,327,294; Aug. 17.
- Apparatus for and method of molding frozen comestibles. B. H. Moore. 2,309,133; Jan. 26.
- Apparatus for and method of producing mineral wool. C. D. Richardson and D. W. Burnett. 2,311,870; Feb. 23.
- Apparatus for and method of removing abandoned streetcar tracks. E. C. Thies. 2,309,262; Jan. 26.
- Apparatus for and method of treating and removing suspended particles in liquids. J. M. Daily. 2,320,512; June 1.
- Apparatus for and process of handling hollow articles. C. K. Taylor. 2,323,757; July 6.
- Apparatus for annealing and coating wire. J. Cook. 2,320,412; June 1.
- Apparatus for applying caps to containers. F. L. Bronson. 2,309,929; Feb. 2.
- Apparatus for applying coloring material to nails. H. M. Mabry. 2,323,145; June 29.
- Apparatus for applying flanged closures. C. B. Terry. 2,325,557; July 27.
- Apparatus for applying gummed labels to Cellophane or the like. J. K. Tompkins. 2,335,033; Nov. 23.
- Apparatus for applying inserts in pile materials. S. H. Krasno. 2,307,280; Jan. 5.
- Apparatus for applying light-polarizing material to curved surfaces. H. G. Rogers and L. W. Chubb, Jr. 2,313,891; Mar. 16.
- Apparatus for ascertaining sighting and firing errors in gunnery practice. F. E. Fischer. 2,313,136; Mar. 9.
- Apparatus for assembling of pile fabric articles. L. E. McDonough. 2,324,009; July 13.
- Apparatus for assorting record cards, sheets, and the like. D. Brodie. 2,319,108; May 11.
- Apparatus for atomizing liquid. A. St. J. Bowie. 2,321,792; June 15.
- Apparatus for attaching separable fasteners. P. S. Kellum. 2,329,991; Sept. 21.
- Apparatus for automatically controlling gas pressure on beverages. W. R. Kromer and H. F. Elliott. 2,320,969; June 1.
- Apparatus for automatically measuring and delivering predetermined quantities of materials. S. H. Ribbans. 2,328,675; Sept. 7.
- Apparatus for bagging confectionery products. A. H. Bayer and G. Beyette. 2,336,213; Dec. 7.
- Apparatus for balancing. J. G. Baker. 2,315,578; Apr. 6.
- Apparatus for banding articles. T. S. Bauman. 2,314,474; Mar. 23.
- Apparatus for black-leading electrotype molds. G. W. Bungay. 2,313,622; Mar. 9.
- Apparatus for buffing tires. W. J. Strong. 2,324,117; July 13.
- Apparatus for building tires. F. S. Sternad and J. P. Sapp. 2,321,163; June 8.
- Apparatus for burning liquid fuel. R. W. Beckett. 2,310,274; Feb. 9.
- Apparatus for burning fuel. R. E. Bressler. 2,325,655; Aug. 3.
- Apparatus for burning off glassware. W. L. McNamara and M. O. Combs. 2,334,111; Nov. 9.
- Apparatus for carrying out chemical reactions. F. M. Pyzel. 2,332,527; Oct. 26.
- Apparatus for casting. C. Wessel. 2,333,286; Nov. 2.
- Apparatus for casting and handling blocks. G. Atterbury. 2,334,804; Nov. 23.
- Apparatus for casting dental restorations. E. M. Feinberg. 2,334,078; Nov. 9.
- Apparatus for casting lead ballast. A. A. Washton. 2,332,956; Oct. 26.
- Apparatus for cementing wells. J. W. Botkin. 2,327,092; Aug. 17.
- Apparatus for cementing wells. C. C. Cantin. 2,335,387; Nov. 30.
- Apparatus for centering shoe soles and the like. J. H. Plink. 2,323,809; July 6.
- Apparatus for changing billets and the like. J. H. Loux. 2,307,413; Jan. 5.
- Apparatus for checking electromechanical devices. C. Mohnen, B. A. Bels, and B. F. W. Heyer. 2,333,808; Nov. 9.
- Apparatus for circulating and sterilizing air. W. N. Olson. 2,332,663; Oct. 26.
- Apparatus for cleaning automobile engines. R. J. Gray. 2,312,091; Feb. 23.
- Apparatus for cleaning holes. J. W. Haddock. 2,310,001; Feb. 2.
- Apparatus for cleaning machinery. G. W. Alred. 2,325,023; July 27.
- Apparatus for cleaning materials. J. E. Martin. 2,328,565; Sept. 7.
- Apparatus for cleaning poultry dropping boards. T. Brand. 2,307,984; Jan. 12.
- Apparatus for cleaning ships' bottoms. J. G. Bright. 2,327,012; Aug. 17.
- Apparatus for cleaning tanks. J. Van Gelderen. 2,324,804; July 20.
- Apparatus for cleaning tubular elements. E. A. Brown and N. Benotti. 2,319,531; May 18.
- Apparatus for cleaning valves. W. McGibbon. 2,332,095; Oct. 19.
- Apparatus for coating. E. A. Lauring. 2,332,385; Oct. 19.
- Apparatus for coating. S. Lipsius. 2,319,242; May 18.
- Apparatus for coating articles. H. A. Hinkley and J. L. Miller. 2,316,959; Apr. 20.
- Apparatus for coating articles. R. A. Osterberg. 2,337,679; Dec. 28.
- Apparatus for coating fluorescent lamps. C. L. Albright. 2,322,211; June 22.
- Apparatus for coating fluorescent lamps. C. L. Albright. 2,337,740; Dec. 28.
- Apparatus for coating metal strip or wire. E. B. Plott and J. S. Stanier. 2,318,419; May 4.
- Apparatus for coating molds and the like. A. L. Ayers and W. Hensel. 2,321,172; June 8.
- Apparatus for coating paper. A. W. Buck and F. S. Finch. 2,329,034; Sept. 7.
- Apparatus for coating pipe and the like. D. I. Dilworth. 2,336,533; Dec. 14.
- Apparatus for coating sheet material. C. J. Randall. 2,335,981; Feb. 2.
- Apparatus for coating wire. W. G. Brockel. 2,316,984; Apr. 20.
- Apparatus for coiling strip materials and the like. E. T. Lorig. 2,312,428; Mar. 2.
- Apparatus for coiling strip metal. F. Marquart and W. H. Stivason. 2,319,619; May 18.
- Apparatus for coiling wire. A. G. Blodgett. 2,321,646; June 15.
- Apparatus for coking oils. E. Utterback. 2,317,566; Apr. 27.
- Apparatus for combating acceleration nausea. R. Mayne. 2,334,018; Nov. 9.
- Apparatus for combining materials. J. Ettli. 2,334,485; Nov. 16.
- Apparatus for combustion turbines. F. Nettel. 2,322,717; June 22.
- Apparatus for comminuting dry substances, pastes, and the like. G. H. Schieferstein. 2,315,229; Mar. 30.
- Apparatus for comparing the rates of regularly recurring impulses. E. Norrman. 2,310,706; Feb. 9.
- Apparatus for concentration of minerals and like materials. F. C. Peterson. 2,311,414; Feb. 16.
- Apparatus for conditioning fiber bearing materials. J. Avery. 2,309,376; Jan. 26.
- Apparatus for conditioning metal bodies. R. Chelborg, J. H. Bucknam, and A. M. Keller. 2,323,977; July 13.
- Apparatus for conditioning metal surfaces for spray metal bonding. A. P. Shepard. 2,335,316; Nov. 30.
- Apparatus for conditioning molding sand. E. O. Beardsley. 2,309,036; Jan. 19.
- Apparatus for conditioning paper. S. Milne. 2,337,163; Dec. 21.
- Apparatus for connecting balanced and unbalanced networks in electrical systems. G. N. Sleszinsky. 2,332,610; Oct. 26.
- Apparatus for constructing concrete tunnel linings. O. Lance. 2,318,869; May 11.
- Apparatus for continuous clarification. J. R. Osuna. 2,307,154; Jan. 5.
- Apparatus for continuous drying and conditioning material. W. L. Dreisel. 2,335,236; Nov. 2.
- Apparatus for continuous saccharification of starch. A. S. Sipyaquin and S. O. Shoemaker. 2,337,688; Dec. 28.
- Apparatus for continuously conditioning conveyor rolls. R. J. Stoker. 2,324,652; July 20.
- Apparatus for contracting the ends of hollow bodies. A. and W. Lauer. 2,325,522; July 27.
- Apparatus for control of highway crossing gate. C. L. Goodlin. 2,312,758; Mar. 2.
- Apparatus for controlling crystal growth. J. G. Ziegler. 2,315,683; Apr. 6.
- Apparatus for controlling fluid flow through drill strings. C. S. Penfield. 2,319,514; May 18.
- Apparatus for controlling foam formation in lubricating systems. A. G. Cattaneo and E. R. White. 2,337,449; Dec. 21.
- Apparatus for controlling heating systems. W. M. Mulock. 2,309,915; Feb. 2.

- Apparatus for controlling in grading, draining, or washing fibrous suspended material. N. W. Jönsson. 2,312,969; Mar. 2.
- Apparatus for controlling land, marine, and aerial vehicles. R. Emsault-Pelterie. 2,330,569; Sept. 28.
- Apparatus for controlling oil wells. H. H. Kaveler. 2,322,453; June 22.
- Apparatus for controlling the condition of operation of vehicles or the like. H. S. Benjamin. 2,313,505; Mar. 9.
- Apparatus for controlling the flooding of liquid tanks or compartments. M. H. Grove. 2,328,902; Sept. 7.
- Apparatus for controlling the flow of fluids. R. M. Rhoads. 2,311,568; Feb. 23.
- Apparatus for controlling the slide movement in long-bed hydraulic presses. E. Cannon. 2,328,258; Aug. 31.
- Apparatus for controlling the speed of reproduction of sound machines. H. P. Clausen. 2,329,106; Sept. 7.
- Apparatus for controlling the speed of revolution of machines. A. Duwe. 2,313,011; Mar. 2.
- Apparatus for controlling well production. R. M. Rhoads. 2,311,569; Feb. 23.
- Apparatus for conversion of energy. W. H. Bennett. 2,327,588; Aug. 24.
- Apparatus for converting edible compositions. R. Stover. 2,334,296; Nov. 16.
- Apparatus for converting high-phosphorus pig iron into high-grade low-phosphorus steel. B. E. L. De Maré. 2,322,618; June 22.
- Apparatus for conveying. P. R. Hornbrook. 2,308,365; Jan. 12.
- Apparatus for conveying and filling cartons. G. B. First and H. Grotewold. 2,320,581; June 1.
- Apparatus for conveying and treating articles. W. H. Wilcox. 2,334,974; Nov. 23.
- Apparatus for conveying pulverulent broken or like materials. G. H. Strain. 2,325,715; Aug. 3.
- Apparatus for cooking grain mash. B. E. Saltzman. 2,309,989; Feb. 2.
- Apparatus for cooling heated material. J. B. Gaffney. 2,312,034; Feb. 23.
- Apparatus for cooling sand mullers. J. J. Dvorak. 2,314,486; Mar. 23.
- Apparatus for counting laundry. W. A. Scholz. 2,337,774; Dec. 28.
- Apparatus for coupling tractors to trailers. B. A. Mosling. 2,325,869; Aug. 3.
- Apparatus for curling asbestos-cement pipes. J. A. Cann. 2,329,184; Sept. 14.
- Apparatus for cutting and scoring veneers. R. W. Poole. 2,314,102; Mar. 16.
- Apparatus for cutting ice. W. C. Pfell. 2,316,282; Apr. 13.
- Apparatus for cutting metallic material. F. H. Paddon. 2,312,120; Feb. 23.
- Apparatus for cutting or flame-machining metal. W. B. Nicholson and E. P. Jones. 2,317,936; Apr. 27.
- Apparatus for cutting paper sheets. P. Baur. 2,323,003; June 20.
- Apparatus for decorating pottery ware. W. J. Miller. 2,324,410; July 13.
- Apparatus for decorating pottery ware, glass ware, and the like. W. J. Miller, L. P. Reese, and G. J. Croninger. 2,324,411; July 13.
- Apparatus for deep fat cooking. J. T. Ruch. 2,334,650; Nov. 16.
- Apparatus for dehydrating yarn. M. W. Mayes. 2,308,767; Jan. 19.
- Apparatus for demonstrating light distribution. S. R. Williams. 2,312,460; Mar. 2.
- Apparatus for deposition of metals by thermal evaporation in vacuum. P. Alexander. 2,322,613; June 22.
- Apparatus for depth measurement. A. J. Hughes. 2,309,956; Feb. 2.
- Apparatus for descaling strip material. Method and. J. S. Stanier and E. B. Plott. 2,318,432; May 4.
- Apparatus for detecting and exhibiting explosions in wells. O. F. Ritzmann. 2,308,390; Jan. 12.
- Apparatus for detecting flaws in rails and other objects. H. C. Thorne. 2,311,715; Feb. 23.
- Apparatus for detecting rate of change of speed. J. Canetta and P. N. Bossart. 2,321,992; June 15.
- Apparatus for detecting relation of speeds of two different elements. J. Canetta and P. N. Bossart. 2,334,863; Nov. 23.
- Apparatus for detecting variations in wirelike bodies. D. E. Elmendorf and K. H. Keller. 2,326,344; Aug. 10.
- Apparatus for determination of moisture in gases. R. Romanell. 2,316,624; Apr. 13.
- Apparatus for determining the dip in the earth's strata. R. F. Davis. 2,326,640; Aug. 10.
- Apparatus for determining the insulating valves of dielectrics. G. H. Browning. 2,329,098; Sept. 7.
- Apparatus for determining the resistance to fracture of test pieces. M. A. L. Perrey. 2,319,342; May 18.
- Apparatus for determining the tendency of paper to curl. G. S. Witham, Jr. 2,316,378; Apr. 13.
- Apparatus for determining the tendency of paper to shrink. G. S. Witham, Jr. 2,326,088; Aug. 3.
- Apparatus for determining water leakages into wells. G. H. Ennis. 2,317,039; Apr. 20.
- Apparatus for developing photographic films. E. Fess. 2,318,608; May 11.
- Apparatus for developing sensitized layers by ammonia or other gas. S. H. Morse. 2,333,733; Nov. 9.
- Apparatus for digester control. R. Skagerberg. 2,336,646; Dec. 14.
- Apparatus for direct, rapid, and continuous melting of nonferrous metals. E. Vigneault. 2,336,657; Dec. 14.
- Apparatus for directing webs. J. E. Wack. 2,331,947; Oct. 19.
- Apparatus for disengaging gear teeth of power driven railway trucks. J. F. Holloway. 2,330,973; Oct. 5.
- Apparatus for dispensing and hemming adhesive tape. J. A. Borden. 2,309,093; Jan. 26.
- Apparatus for dispensing beverages. J. Panagopoulos. 2,314,100; Mar. 16.
- Apparatus for dispensing carbonated beverages. R. H. Ellison. 2,319,308; May 1.
- Apparatus for dispensing hypochlorites. W. S. Bachman. 2,330,328; Sept. 28.
- Apparatus for dispersing insecticides. W. N. Sullivan and L. D. Goodhue. 2,313,976; Mar. 16.
- Apparatus for distilling liquids. J. A. Alton. 2,324,663; July 10.
- Apparatus for distributing insecticides and germicides. H. W. Brown. 2,310,895; Feb. 9.
- Apparatus for drawing and straightening wire stock. F. W. Gaines, 3rd. and W. A. Ehler. 2,310,916; Feb. 9.
- Apparatus for drilling bores deviating from existing well bores. J. A. Zublin. 2,336,338; Dec. 7.
- Apparatus for drilling diamonds and like purposes. C. G. Eden. 2,324,374; July 13.
- Apparatus for drilling holes in stone. H. C. Barbour and F. S. Miller. 2,310,528; May 18.
- Apparatus for drilling lateral bores. J. A. Zublin. 2,336,333; Dec. 7.
- Apparatus for driving pins in bedposts. E. B. Hubbard. 2,310,638; Feb. 9.
- Apparatus for drying. G. E. Bowdoin and W. Strobridge. 2,321,124; June 8.
- Apparatus for drying accreted fibrous articles. C. Kyle. 2,321,756; June 15.
- Apparatus for drying material utilizing vapor heat. R. Bernstein. 2,329,581; Sept. 14.
- Apparatus for drying sheets. H. Basler. 2,332,886; Oct. 26.
- Apparatus for drying wire screen cloth. H. C. Kugler. 2,328,078; Aug. 31.
- Apparatus for drying, bleaching, and like treatment of textile materials. J. M. Wood. 2,314,962; Mar. 30.
- Apparatus for dyeing threads or yarns for textile machines and the like. H. H. Denhof. 2,310,764; Feb. 9.
- Apparatus for dyeing wool. E. Silvers. 2,308,784; Jan. 19.
- Apparatus for echo distance measurement. E. E. Turner, Jr. 2,322,264; June 22.
- Apparatus for effecting smokeless combustion. S. Wilkarski. 2,310,903; Feb. 9.
- Apparatus for electric heating. W. C. Dunn and F. S. Denneen. 2,326,206; Aug. 10.
- Apparatus for electrically testing the thickness of thin layers. W. H. Tait and B. Chalmers. 2,320,761; June 1.
- Apparatus for electrically upsetting pipe ends. W. E. Crawford. 2,325,480; July 27.
- Apparatus for electrodepositing metals. R. Werrett. 2,333,907; Nov. 9.
- Apparatus for electrodeposition. D. Ashby. 2,327,386; Aug. 24.
- Apparatus for electrolytic protection of vessels from corrosion. W. L. Walker. 2,329,961; Sept. 21.
- Apparatus for electroplating. F. W. Thomas and R. D. MacLachlan. 2,326,707; Aug. 10.
- Apparatus for enameling rectangular wire. E. J. Flynn. 2,309,057; Jan. 19.
- Apparatus for evaporating fluid materials. R. R. Haugh. 2,327,889; Aug. 24.
- Apparatus for evaporative castings. G. W. Brañt. 2,321,732; June 15.
- Apparatus for examining quartz. P. D. Gerber. 2,313,143; Mar. 9.
- Apparatus for executing reactions with the aid of regenerative contact materials. B. M. Holt and G. E. Liedholm. 2,325,516; July 27.
- Apparatus for expanding and shaping annular articles. M. O. Kuhn. 2,324,982; July 20.
- Apparatus for expressing oil from oil bearing materials. R. T. Anderson. 2,325,357; July 27.
- Apparatus for extracting juice from fruits and vegetables. R. B. McKinnis. 2,333,190; Nov. 2.
- Apparatus for extraction. A. A. Levine and R. J. Dent. 2,321,925; June 15.
- Apparatus for extruding metals. D. McL. Frothingham. 2,320,071; May 25.
- Apparatus for extrusion. H. M. Gersman. 2,335,590; Nov. 30.

- Apparatus for fabricating tin-tube sheet assemblies. A. Y. Gunter and G. B. Farkas. 2,336,541; Dec. 14.
- Apparatus for facilitating and controlling chemical and physical treatments. H. A. Brassett and J. C. Hartley. 2,316,664; Apr. 13.
- Apparatus for feeding foil. H. F. Hild. 2,320,729; June 1.
- Apparatus for feeding materials. D. B. Bostick. 2,307,008; Jan. 5.
- Apparatus for feeding mercury. A. J. Marshaus. 2,313,687; Mar. 9.
- Apparatus for feeding plastic material. W. H. Emerson. 2,335,925; Dec. 7.
- Apparatus for feeding tobacco and like material. C. W. Gooch, Jr. 2,311,747; Feb. 23.
- Apparatus for felted fibrous sheets. C. G. Muench. 2,325,338; July 27.
- Apparatus for fiberizing fusible inorganic substances and forming the fibers into bats. B. C. McClure. 2,318,243; May 4.
- Apparatus for filleting fish. W. Hutton. 2,321,086; June 8.
- Apparatus for filling berry containers. G. Harrison. 2,318,483; May 4.
- Apparatus for filling containers. R. B. McKinnis. 2,330,726; Sept. 23.
- Apparatus for filling cushions and like articles. R. W. Staveland. 2,320,671; June 1.
- Apparatus for filling oil drums or the like. E. Burdick. 2,318,462; May 4.
- Apparatus for filtering and washing solid matter. J. G. Walling. 2,314,294; Mar. 16.
- Apparatus for filtering molten glass. J. G. Frantz. 2,330,343; Sept. 28.
- Apparatus for fitting shoes to feet. D. F. Hyland, J. C. Stiles, and H. L. and J. Brenner. 2,317,913; Apr. 27.
- Apparatus for fitting shoes to feet. D. F. Hyland, J. C. Stiles, and H. L. and J. Brenner. 2,323,538; July 6.
- Apparatus for flame hardening of articles. J. O. Bishop and L. L. Babcock. 2,321,645; June 15.
- Apparatus for flanging or otherwise forming marginal edges of plates. E. E. Johnson. 2,308,432; Jan. 12.
- Apparatus for folding and closing cartons. E. G. Horowitz. 2,308,010; Jan. 12.
- Apparatus for food processing. J. Mills. 2,312,114; Feb. 23.
- Apparatus for forming and impregnating fibrous pads. Field and G. C. Toole. 2,324,600; Aug. 3.
- Apparatus for forming bags. T. B. Dalton and R. H. Weisner. 2,326,931; Aug. 17.
- Apparatus for forming bearing metal surfaces on backing metals. C. M. Angel. 2,333,506; Nov. 2.
- Apparatus for forming bearings. W. S. Enderich and C. Eggenschwiler. 2,322,795; June 29.
- Apparatus for forming cast-in-place concrete piles. W. R. Marsden. 2,326,872; Aug. 17.
- Apparatus for forming characters and designs on silver-plated flatware. T. Cooper. 2,319,796; May 25.
- Apparatus for forming closed tubes. G. E. Franck. 2,309,181; Jan. 26.
- Apparatus for forming coated frozen confections. F. Sportolari. 2,328,508; Aug. 31.
- Apparatus for forming coated frozen confections. F. Sportolari. 2,336,649; Dec. 14.
- Apparatus for forming filter plugs adapted to be introduced into cigarette paper tubes. O. Ahne. 2,307,906; Jan. 12.
- Apparatus for forming gear teeth. J. L. Perkins. 2,309,530; Jan. 26.
- Apparatus for forming glass with conducting means molded in place. H. K. Richardson and L. D. Morand. 2,315,202; Mar. 30.
- Apparatus for forming insulators. M. K. Holmes. 2,336,864; Dec. 14.
- Apparatus for forming meat loaf. A. Giglio. 2,315,952; Apr. 6.
- Apparatus for forming one-piece plywood corner units. H. McGowan. 2,324,714; July 20.
- Apparatus for forming or dressing the operative faces of grinding wheels. S. J. Harley and J. E. Wainwright. 2,309,312; Jan. 26.
- Apparatus for forming powdered material into grains. M. Vogel-Jorgensen. 2,311,319; Feb. 16.
- Apparatus for forming receptacles. W. A. Bishman and H. G. Lien. 2,308,046; Jan. 12.
- Apparatus for forming seamless pipes or coatings. C. H. Postlewaite. 2,334,027; Nov. 9.
- Apparatus for forming sheets of plastic material. F. A. Parkhurst. 2,315,477; Mar. 30.
- Apparatus for forming sheets of plastic substances. R. P. Scherer. 2,337,935; Dec. 28.
- Apparatus for forming side openings in metal tubing. J. Q. Holmes and C. J. Wiegand. 2,310,083; Feb. 2.
- Apparatus for forming templates. F. A. Faulhaber. 2,323,528; July 6.
- Apparatus for freezing foodstuffs. D. W. King. 2,324,517; July 20.
- Apparatus for freezing ice cream. C. F. Weinreich and A. L. Vogenthaler. 2,309,424; Jan. 26.
- Apparatus for frying poultry, fish or other meat products. G. W. Porter and B. F. Krehbiel. 2,323,623; July 6.
- Apparatus for galvanizing. E. A. Matteson. 2,310,162; Feb. 2.
- Apparatus for gas analysis. E. D. McAlister. 2,327,539; Aug. 24.
- Apparatus for gauging dimensions of circular workpieces. R. L. Black. 2,325,362; July 27.
- Apparatus for gauging machine parts. S. M. Stafford. 2,309,142; Jan. 26.
- Apparatus for generating high frequency oscillations. W. S. Percival. 2,331,723; Oct. 12.
- Apparatus for grading electrical resistances and articles comprising them. D. G. Ashcroft. 2,327,484; Aug. 24.
- Apparatus for grinding. P. Corey, F. Doetzel, Jr., and R. D. Pitts. 2,337,453; Dec. 21.
- Apparatus for gravity separation of granular material. A. A. Hirst. 2,319,457; May 18.
- Apparatus for gravity separation of granular material. A. A. Hirst. 2,320,519; June 1.
- Apparatus for grinding and separating ores. L. A. Wilson. 2,316,982; Apr. 20.
- Apparatus for grinding billets or slabs. B. A. Wilson. 2,308,842; Jan. 19.
- Apparatus for grinding optical glass. H. Solodar. 2,316,109; Apr. 6.
- Apparatus for growing plants. L. Sejarto. 2,336,755; Dec. 14.
- Apparatus for handling ballast in railway road-beds. R. J. Philbrick. 2,309,712; Feb. 2.
- Apparatus for handling cigars. B. H. Redford and C. R. Swanson. 2,331,505; Oct. 12.
- Apparatus for handling elastic filamentary material. J. M. Leach. 2,317,921; Apr. 27.
- Apparatus for handling explosives. T. W. Rochester, H. W. Barron, and J. T. Gibala. 2,315,800; Apr. 6.
- Apparatus for handling fruit. H. L. Porch. 2,325,919; Aug. 4.
- Apparatus for handling glass tubing. J. Morrison. 2,310,537; Feb. 9.
- Apparatus for handling hat fur carrier material or the like. R. H. Pass. 2,317,937; Apr. 27.
- Apparatus for handling material. L. W. Nash. 2,320,094; May 25.
- Apparatus for handling mill spindle and coupling. E. Steller. 2,312,131; Feb. 23.
- Apparatus for handling strip material. E. A. Davis. 2,309,755; Feb. 2.
- Apparatus for handling thread or the like. G. P. Torrence, R. F. Bergmann, and W. F. Knebusch. 2,323,879; July 6.
- Apparatus for handling vegetables or the like. F. C. Davis. 2,307,257; Jan. 5.
- Apparatus for hardening tapered articles. F. S. Denneen and W. C. Dunn. 2,309,631; Feb. 2.
- Apparatus for heat curing materials such as rubber compounds, plastics, etc. C. E. Bennett. 2,323,191; June 29.
- Apparatus for heat treating oil shale and other finely divided materials. W. O. Pray. 2,335,611; Nov. 30.
- Apparatus for heating material. J. N. Selvig. 2,318,533; May 4.
- Apparatus for heat treating. F. S. Denneen and W. C. Dunn. 2,315,509; Apr. 6.
- Apparatus for hot dip coating of metals. F. J. Ahern. 2,332,978; Oct. 26.
- Apparatus for hydrocarbon alkylation. H. P. Wickham and M. M. Perkins. 2,311,144; Feb. 16.
- Apparatus for impact pulverizing. W. M. Sheldon. 2,316,124; Apr. 6.
- Apparatus for impregnating and forming fabric tubing. W. C. Prehler. 2,324,645; July 20.
- Apparatus for indicating and adjusting the specific gravity of suspensions. K. F. Tromp. 2,332,953; Oct. 26.
- Apparatus for indicating temperature of cutting tools. M. Asimow. 2,314,753; Mar. 23.
- Apparatus for individual edible spreads. Molding. H. H. Doering and B. J. Skoglund. 2,323,523; July 6.
- Apparatus for injection molding thermostetting compounds. W. R. Tucker. 2,318,031; May 4.
- Apparatus for injection molding vinyl resins. W. R. Wheeler. 2,308,636; Jan. 19.
- Apparatus for inspecting glass. T. B. Drescher. 2,337,877; Dec. 28.
- Apparatus for inspection of contaminated glass articles. D. Mercier. 2,335,686; Nov. 30.
- Apparatus for installing protectors on drill pipe. B. H. Barnes and B. S. Minor. 2,327,088; Aug. 17.
- Apparatus for installing protectors on drill pipe. B. H. Barnes and B. S. Minor. 2,328,771; Sept. 7.
- Apparatus for instruction in radio direction finding. H. M. Cone, Jr., R. R. Bourret, and L. E. Michelfelder. 2,321,799; June 15.
- Apparatus for integrating time and temperature. E. J. Stoddard and J. W. Myers. 2,320,310; May 25.
- Apparatus for internally coating containers. P. E. Pearson. 2,314,515; Mar. 23.
- Apparatus for interrupting or controlling electric currents. F. Kesselring, F. Gieffers, W. Kaufmann, H. Neugebauer, W. Puttfarcken, R. Schimpf, and M. Zühlke. 2,316,170; Apr. 13.
- Apparatus for keeping constant temperature. H. I. Hesse. 2,313,015; Mar. 2.
- Apparatus for knitting mesh fabrics. H. Harris. 2,337,102; Dec. 21.
- Apparatus for lamp stem manufacture. P. E. Gates. 2,322,728; June 22.

- Apparatus for lapping and polishing operations. F. F. Hillier. 2,309,588; Jan. 26.
- Apparatus for laying tile drains. G. Watson. 2,336,658; Dec. 14.
- Apparatus for lining pipe. F. Stevens. 2,334,294; Nov. 16.
- Apparatus for liquid dispensing and manufacture thereof. M. C. Schwab. 2,335,799; Nov. 30.
- Apparatus for loading and folding bottle carrier cartons. S. R. Koolins. 2,312,651; Mar. 2.
- Apparatus for loading and packing material into sheaths. H. T. Ashton. 2,337,304; Dec. 21.
- Apparatus for loading and transporting large spools of thread and the like. R. S. Koonce. 2,335,518; Nov. 30.
- Apparatus for loading containers. H. L. Hahn. 2,321,200; June 8.
- Apparatus for loading heavy spools. R. S. Koonce. 2,335,517; Nov. 30.
- Apparatus for loading high explosive shells. U. Thompson, Jr. 2,323,258; June 29.
- Apparatus for loading logs. H. Carlson. 2,327,015; Aug. 17.
- Apparatus for loading sheath wire heating units. C. C. Abbott. 2,319,573; May 18.
- Apparatus for loading sheath wire heating units. J. L. Andrews. 2,316,650; Apr. 13.
- Apparatus for loading sheathed wire heating units. F. E. Finlayson and E. C. Chapman. 2,316,653; Apr. 13.
- Apparatus for locating the plane of gravity of objects. J. H. Watson. 2,330,142; Dec. 7.
- Apparatus for locking and sealing burial caskets. R. B. Purkiss. 2,323,674; July 6.
- Apparatus for locking metal frames together. L. K. Mayne. 2,331,799; Oct. 12.
- Apparatus for logging boreholes. L. G. Howell. 2,321,295; June 8.
- Apparatus for low temperature reduction of iron ores. C. Q. Payne. 2,311,962; Feb. 23.
- Apparatus for machining serrations in metallic bodies. J. Dusevolr. 2,317,262; Apr. 20.
- Apparatus for machining serrations in metallic bodies. F. M. Smith. 2,318,262; May 4.
- Apparatus for machining serrations in metallic bodies. R. H. Toubert. 2,327,944; Aug. 24.
- Apparatus for maintaining the desired temperature of liquids. M. H. Oldstad and A. E. Williams. 2,321,933; June 15.
- Apparatus for making automobile floor coverings and the like. G. W. Blair and J. F. Schott. 2,338,022; Dec. 28.
- Apparatus for making basket covers. O. M. James. 2,322,363; June 22.
- Apparatus for making beads. C. G. Anastor and K. M. Henry. 2,332,361; Oct. 19.
- Apparatus for making brooms. H. Cave. 2,313,037; Mar. 9.
- Apparatus for making can bodies. F. Krueger. 2,309,993; Feb. 2.
- Apparatus for making cellular masses. R. M. Urquhart. 2,324,605; July 20.
- Apparatus for making cinnamon rolls or the like. M. E. Fonken. Re. 2,239; Dec. 7.
- Apparatus for making closures. L. H. Lockwood. 2,317,330; Apr. 20.
- Apparatus for making coated confections. C. R. Taylor. 2,311,709; Feb. 23.
- Apparatus for making concrete roadways. R. W. Bally. 2,332,688; Oct. 26.
- Apparatus for making contact lenses. G. Weinberg. 2,337,701; Dec. 28.
- Apparatus for making containers. F. O. Brougham and E. E. Poulin. 2,321,647; June 15.
- Apparatus for making containers. A. and E. A. Calleson. 2,337,182; Dec. 21.
- Apparatus for making die rolls, Method of. G. Wintritz. 2,318,445; May 4.
- Apparatus for making drawn metal tubes and metal castings. C. Wessel. 2,309,608; Jan. 26.
- Apparatus for making enlargements and still pictures from moving picture film. M. G. Kofler. 2,319,330; May 18.
- Apparatus for making filters and the like. E. C. Sloan and A. H. Eberman. 2,337,575; Dec. 28.
- Apparatus for making flame coloring sticks. J. P. B. Fiske. 2,319,778; May 25.
- Apparatus for making French seams. C. Seaman. 2,334,129; Nov. 9.
- Apparatus for making geophysical explorations. H. M. Evién. 2,314,873; Mar. 30.
- Apparatus for making golf balls. P. Kalowski. 2,329,839; Sept. 21.
- Apparatus for making heat-exchange elements. H. E. Schank and P. R. Seemiller. 2,329,789; Sept. 21.
- Apparatus for making hollow articles. R. W. Shoemaker. 2,331,430; Oct. 12.
- Apparatus for making insulating material. K. W. and C. G. Schulz. 2,326,889; Aug. 17.
- Apparatus for making laminated strips. U. C. Haren and J. P. Sapp. 2,310,851; Feb. 9.
- Apparatus for making lens blanks. P. Johnston. 2,335,419; Nov. 30.
- Apparatus for making metal wool products. C. Field. 2,320,858; June 1.
- Apparatus for making metallic surfacing sheets. D. A. Johnston. 2,327,844; Aug. 24.
- Apparatus for making mirrors. F. G. Stewart. 2,337,282; Dec. 21.
- Apparatus for making mold members. R. H. Osbrink. 2,309,271; Jan. 26.
- Apparatus for making ornamental material. A. Abramson. 2,335,219; Nov. 23.
- Apparatus for making powder puffs. R. E. Thompson. 2,307,430; Jan. 5.
- Apparatus for making rayon cakes. H. Rubenstein. 2,313,267; Mar. 9.
- Apparatus for making regenerated cellulosic film. J. E. Brandenberger and H. Fénel. 2,309,609; Jan. 26.
- Apparatus for making semifrozen confections. K. E. Bemis. 2,321,173; June 8.
- Apparatus for making sheet wrapping material. C. L. Hutchinson and G. R. Eckstein. 2,311,755; Feb. 23.
- Apparatus for making slide fasteners. G. Wintritz. 2,336,662; Dec. 14.
- Apparatus for making slip castings. R. A. Shaefer. 2,331,000; Oct. 5.
- Apparatus for making solder connections. W. E. Ingerson. 2,328,982; Sept. 7.
- Apparatus for making strip material. C. W. Legullon and E. A. Davis. 2,325,139; July 27.
- Apparatus for making terne sheets or plates. D. T. Haddock. 2,309,585; Jan. 26.
- Apparatus for making tubs. R. M. Chesney. 2,325,369; Jan. 26.
- Apparatus for making tubing. F. H. Reichel. A. E. Craver, and A. O. Russell. 2,337,927; Dec. 28.
- Apparatus for making tubular bodies. F. C. Wappler. 2,322,902; June 29.
- Apparatus for making tubular electrodes. R. H. Gabel. 2,322,290; June 22.
- Apparatus for making variegated ice creams or similar substances. A. Friedman. 2,313,060; Mar. 9.
- Apparatus for making visible index strips. H. J. Hopkins. 2,327,525; Aug. 24.
- Apparatus for manufacturing continuous rubber articles. S. W. Alderfer. 2,308,949; Jan. 19.
- Apparatus for manufacturing dipped rubber articles. J. M. Auzin. 2,328,769; Sept. 7.
- Apparatus for manufacturing frozen confections. L. D. Overland. 2,310,256; Feb. 9.
- Apparatus for manufacturing glassware. H. R. Schutz and C. R. Vining. 2,307,425; Jan. 5.
- Apparatus for manufacturing hollow rubber articles. D. G. Rempel. 2,331,030; Oct. 12.
- Apparatus for manufacturing laminated material. J. A. Potchen and O. H. Basquin. 2,308,463; Jan. 12.
- Apparatus for manufacturing mold members. R. H. Osbrink. 2,316,279; Apr. 13.
- Apparatus for manufacturing phonograph disks. A. B. St. Hilare. 2,332,946; Oct. 26.
- Apparatus for manufacturing piston rings. B. C. Bristow. 2,336,462; Dec. 14.
- Apparatus for manufacturing slivers. J. L. Tucker and G. M. Lannan. 2,314,857; Mar. 23.
- Apparatus for manufacturing thin rubber articles. R. E. Thompson. 2,315,283; Mar. 30.
- Apparatus for manufacturing tire castings. E. W. Evans. 2,329,258; Sept. 14.
- Apparatus for manufacturing tires. F. I. Honderich. 2,316,590; Jan. 26.
- Apparatus for manufacturing tubing. P. A. Raiche. 2,316,715; Apr. 13.
- Apparatus for manufacturing upholstery pads. L. A. Young. 2,308,849; Jan. 19.
- Apparatus for manufacturing wire drawing dies. M. Simons. 2,332,609; Oct. 26.
- Apparatus for matching multiple boxes. G. C. Paxton and G. E. Stilwell. 2,336,287; Dec. 7.
- Apparatus for measuring and/or indicating surface roughness. R. E. Reason. 2,329,084; Sept. 7.
- Apparatus for measuring charts. H. B. Webster. 2,328,762; Sept. 7.
- Apparatus for measuring gravity. G. Nørgaard. 2,311,771; Feb. 23.
- Apparatus for measuring magnetic characteristics of materials. G. V. Nolde. 2,331,418; Oct. 12.
- Apparatus for measuring magnetic fields. R. D. Wyckoff. 2,334,593; Nov. 16.
- Apparatus for measuring phase difference and for analogous purpose. M. M. Levy. 2,333,322; Nov. 2.
- Apparatus for measuring pressures in containers. G. L. Hassler. 2,321,293; June 8.
- Apparatus for measuring strip. A. M. Krieger. 2,317,468; Apr. 27.
- Apparatus for measuring temperatures in boreholes. H. G. Doll. 2,316,942; Apr. 20.
- Apparatus for measuring the thickness of metallic plating on bases. S. Anderson and R. W. Manuel. 2,319,196; May 18.
- Apparatus for measuring the water resistance of paper. J. A. Van den Akker. 2,329,959; Sept. 21.
- Apparatus for measuring volume of bottom hole portion of well bores. R. L. Huntington. 2,314,540; Mar. 23.
- Apparatus for melting powdered materials. P. A. Bleakley. 2,317,173; Apr. 20.
- Apparatus for mixing. M. P. Hofmann. 2,321,599; June 15.

- Apparatus for mixing powdered materials. A. C. Evans. 2,336,438; Dec. 7.
- Apparatus for molding concrete slabs. W. R. Hume. 2,320,728; June 1.
- Apparatus for molding granular cork material and other material into annular rings, collars, and other hollow shapes. G. G. Berger. 2,327,241; Aug. 17.
- Apparatus for molding meats. F. H. Hoy. 2,310,958; Feb. 16.
- Apparatus for molding or lining hollow articles. R. B. Reeves. 2,334,509; Nov. 16.
- Apparatus for molding plastic material. O. W. Marsh. 2,330,369; Sept. 28.
- Apparatus for musical instruction. R. Knox, Jr. 2,327,907; Aug. 24.
- Apparatus for obviating distortion in gummed margins of sheetlike articles. L. O. Hayes. 2,323,219; June 29.
- Apparatus for operating on sheet material. H. S. Method. 2,315,976; Apr. 6.
- Apparatus for operating on sheet material. C. M. Yoder. 2,335,334; Nov. 30.
- Apparatus for operating on strip material. W. H. McLaughlin and G. H. Rendel. 2,316,801; Apr. 20.
- Apparatus for operating on wire stock. F. W. Gaines and W. A. Ehler. 2,310,914; Feb. 9.
- Apparatus for ornamenting Christmas tree balls. O. Kohler. 2,337,052; Dec. 21.
- Apparatus for overspray recovery. J. W. Nestor. 2,310,082; May 11.
- Apparatus for packaging sutures. H. Cleminson. 2,311,736; Feb. 23.
- Apparatus for packing candy articles or the like. H. F. Goodwin. 2,317,774; Apr. 27.
- Apparatus for packing foodstuffs in cans. W. de Back. 2,319,900; May 25.
- Apparatus for packing liquids. B. F. Batcheler and R. L. Peterson. 2,330,805; Oct. 5.
- Apparatus for pasteurizing and/or deodorizing and cooling liquid liquids under vacuum. H. L. Murray. 2,314,455; Mar. 23.
- Apparatus for perforating cigars. J. C. Ward and S. Reso. 2,323,694; July 6.
- Apparatus for perforating sheet material. G. F. Wales. 2,317,424; Apr. 27.
- Apparatus for perforating sheet metal. G. F. Wales. 2,320,205; May 25.
- Apparatus for performing work on metal. R. Temple, Jr. 2,323,753; July 6.
- Apparatus for photographically reproducing display type lines and the like. L. Grudin. 2,314,272; Mar. 16.
- Apparatus for plastic molding. F. P. Stull. 2,323,577; July 6.
- Apparatus for pneumatically distributing powdered and granular material. R. R. Colburn. 2,314,031; Mar. 16.
- Apparatus for pneumatically recovering metals. L. McLean. 2,311,954; Feb. 23.
- Apparatus for portable telephone sets, Connecting. R. G. Graham. 2,336,009; Dec. 7.
- Apparatus for pouring molten metal. P. M. Hulme. 2,329,040; Sept. 7.
- Apparatus for preheating and handling asphalt, heavy oil, and like viscous material. C. F. Gerlinger. 2,321,908; June 15.
- Apparatus for preparing laminated articles. N. Whitehead. 2,329,867; Sept. 21.
- Apparatus for preparing permeable hard rubber strips for vulcanization. H. J. Scheilhammer and K. E. Hunt. 2,336,754; Dec. 14.
- Apparatus for preparing stiffened fabrics. W. Whitehead. 2,311,013; Feb. 16.
- Apparatus for preserving dressed and drawn fowl. J. N. Crider. 2,309,046; Jan. 19.
- Apparatus for preserving food products. L. B. Parsons. 2,309,007; Jan. 19.
- Apparatus for preserving juice. F. H. Collins. 2,318,141; May 6.
- Apparatus for preshrinking fabrics. F. R. Redman. 2,325,545; July 27.
- Apparatus for preventing evaporation from oil storage tanks. D. W. Jayne. 2,330,366; Sept. 28.
- Apparatus for preventing explosions of volatile liquids. A. H. Lanser. 2,338,044; Dec. 28.
- Apparatus for preventing the accumulating of ice. M. R. Bell and C. S. Stebbins. 2,319,988; May 25.
- Apparatus for preventing the accumulation of ice. W. C. Geer. 2,327,034; Aug. 17.
- Apparatus for preventing the accumulation of ice. A. W. Spicer. 2,320,017; May 25.
- Apparatus for printing. Method of. M. Wilson. 2,319,174; May 11.
- Apparatus for printing upon cylindrical objects. J. J. McElwain. 2,331,001; Oct. 19.
- Apparatus for processing canned foods. A. R. Kennedy. 2,319,505; May 18.
- Apparatus for processing ores. H. G. Lykken. 2,333,111; Nov. 2.
- Apparatus for processing sensitized sheets. R. B. Hussey and C. K. Jones. 2,312,647; Mar. 2.
- Apparatus for processing sugar and the like. J. J. Neuman. 2,328,395; Aug. 31.
- Apparatus for processing thread. R. F. Bergmann and C. C. Walters. 2,321,541; June 8.
- Apparatus for producing and dispensing sanitary mouthpieces for bottles. Method and. W. M. Schneider. 2,317,408; Apr. 27.
- Apparatus for producing animated pictures. E. Nassour. 2,310,254; Feb. 9.
- Apparatus for producing bags. T. E. Piazze and R. E. Hanson. 2,330,446; Sept. 28.
- Apparatus for producing coherent materials. J. A. MacDonald. 2,330,300; Sept. 28.
- Apparatus for producing hydrogenated hydrocarbon products. R. Leprestre. 2,319,508; May 18.
- Apparatus for producing intraosseous anesthesia. Process and. R. E. Siveland. 2,317,648; Apr. 27.
- Apparatus for producing laminated shims. E. L. Young. 2,325,200; July 27.
- Apparatus for producing mineral wool. J. Page. 2,316,451; Apr. 13.
- Apparatus for producing multiply tubing. C. Farny. 2,321,738; June 15.
- Apparatus for producing multiply tubing. A. J. Wait and A. F. Rehnberg. 2,322,677; June 22.
- Apparatus for producing nubbed yarns. A. Cavedon. 2,334,542; Nov. 16.
- Apparatus for producing one-piece multifocal lens blanks. F. E. Duckwall. 2,312,529; Mar. 2.
- Apparatus for producing ozone. J. H. Arff. 2,326,601; Aug. 10.
- Apparatus for producing porous or spongy articles of rubber or rubber like materials. J. A. Talalay. 2,314,176; Mar. 16.
- Apparatus for producing seamless tubes. A. J. Aiken. 2,309,690; Feb. 2.
- Apparatus for producing sheet material. Method and. E. R. Derby and F. A. Parkhurst. 2,318,469; May 4.
- Apparatus for producing siding. W. G. Davis. 2,308,589; Jan. 19.
- Apparatus for production of artificially cultured buttermilk. H. S. Fielder and L. O. Ott. 2,317,045; Apr. 20.
- Apparatus for projecting stereo pictures. F. A. Ramsdell. 2,329,294; Sept. 14.
- Apparatus for promoting mold growth. L. M. Christensen. 2,325,368; July 27.
- Apparatus for pug making. A. C. Jaekel. 2,328,071; Aug. 31.
- Apparatus for pumping fluids. W. J. Crites. 2,330,336; Sept. 28.
- Apparatus for punching and working metal. A. M. Brown. 2,308,953; Jan. 19.
- Apparatus for punching cigars. B. H. Redford and C. R. Swanson. 2,331,506; Oct. 12.
- Apparatus for railway train communication systems. W. P. Place. 2,312,051; Feb. 23.
- Apparatus for reclaiming or regenerating rubber from rubber waste products. J. Hirschberger. 2,331,836; Oct. 12.
- Apparatus for reconstructing fur coats. R. A. Thomas. 2,313,374; Mar. 9.
- Apparatus for recording and reproducing sound. C. M. Chorpensing. 2,332,204; Oct. 19.
- Apparatus for recording and reproducing sound. C. A. Wickliffe. 2,313,790; Mar. 16.
- Apparatus for recording statistical records. J. W. Bryce. 2,333,463; Nov. 2.
- Apparatus for recovering anhydrous sodium sulphate and similar substances. I. Lavine and R. F. Schultz. 2,334,563; Nov. 16.
- Apparatus for recovering carbon disulphide and sulphurated hydrogen during the finishing process of the manufacture of viscose staple fiber. W. Ufnowski. 2,313,008; Mar. 2.
- Apparatus for reducing bias in telegraph signals. K. W. Richards. 2,327,929; Dec. 28.
- Apparatus for reducing effects of shocks. H. K. Kouyoumian. 2,335,425; Nov. 30.
- Apparatus for refining used crankcase oil. W. D. Harris. 2,319,598; May 18.
- Apparatus for regulating the flow of liquid. C. H. Evans. 2,316,848; Apr. 20.
- Apparatus for removing marginal portions of glass units. W. Owen. 2,316,532; Apr. 13.
- Apparatus for removing material from containers. G. F. Iken. 2,320,933; June 1.
- Apparatus for removing samples from flowing streams. G. O. Kimmell. 2,327,111; Aug. 17.
- Apparatus for removing shale, coal, and like from gravel. C. I. Leveke. 2,336,991; Dec. 14.
- Apparatus for removing wall paper or other surface ornamentation. W. O. Walker. 2,319,023; May 11.
- Apparatus for reproducing threaded spangles. L. Brandt. 2,327,957; Aug. 24.
- Apparatus for reproducing three-dimensional patterns and the like. D. E. Howard. 2,314,499; Mar. 23.
- Apparatus for resoling footwear. G. D. Nevills. 2,330,989; Oct. 5.
- Apparatus for resurfacing. J. Y. Blazek, G. E. Sears, and V. R. Roy. 2,315,891; Apr. 6.
- Apparatus for retreading tires. G. Wheatley. 2,313,414; Mar. 9.
- Apparatus for roasting coffee. C. E. Cusack and H. H. Berger. 2,326,094; Aug. 3.
- Apparatus for rock piercing and similar operations. R. B. Aitchison and C. J. Burch. 2,327,483; Aug. 24.
- Apparatus for rolling helicoid conveyor flight. H. O. Fulson. 2,336,602; Dec. 14.

- Apparatus for rolling internally flanged annuli. D. S. Bell and B. W. Dunham. 2,307,191; Jan. 5.
- Apparatus for rolling metal strip. H. E. Emigh. 2,319,309; Mar. 18.
- Apparatus for rolling uniform gauge sheet or strip. A. B. Haswell. 2,335,061; Nov. 23.
- Apparatus for salvaging ships. C. M. Zoll. 2,336,148; Dec. 7.
- Apparatus for saturating roofing felt. C. E. Wilkinson. 2,319,582; May 18.
- Apparatus for seaming coated pipe. W. R. Postlewaite. 2,334,577; Nov. 16.
- Apparatus for sealing containers. W. D. Bell. 2,309,568; Jan. 26.
- Apparatus for sealing containers. R. J. Stewart. 2,311,707; Feb. 23.
- Apparatus for sealing containers. H. E. Stover. 2,309,518; Jan. 26.
- Apparatus for sealing containers. H. E. Stover. 2,321,779; June 15.
- Apparatus for sealing tins, canisters, jars, and the like under vacuum. O. Legg. 2,333,799; Nov. 9.
- Apparatus for segmenting and pitting fruit having pits. O. S. Fix. 2,319,120; May 11.
- Apparatus for seining and prospecting. H. Hoover, Jr., and M. Swan. 2,330,216; Sept. 28.
- Apparatus for seismic prospecting. C. C. Stotz. 2,336,198; Dec. 7.
- Apparatus for separating dust and other suspended matter from air and other gases or vapors. E. J. Haber. 2,327,886; Aug. 24.
- Apparatus for separating fibers. J. T. Coghill. 2,325,159; July 27.
- Apparatus for separating finely divided materials. M. S. Robertson. 2,309,923; Feb. 2.
- Apparatus for separating garbage. F. V. Moore. 2,307,059; Jan. 5.
- Apparatus for separating genuine from spurious coins. F. E. A. Wallin. 2,315,174; Mar. 30.
- Apparatus for separating genuine from spurious coins. F. E. A. Wallin. 2,327,945; Aug. 14.
- Apparatus for separating genuine from spurious coins. F. E. A. Wallin. 2,335,369; Nov. 30.
- Apparatus for separating liquids of different specific gravities. W. S. Fleming. 2,307,498; Jan. 5.
- Apparatus for separating materials. F. T. Kern. 2,314,542; Mar. 23.
- Apparatus for separating solution from a mixture of solution and ice crystals. E. Oman. 2,324,869; July 20.
- Apparatus for separating textile material from rubber. Method and. T. J. Masse. 2,317,210; Apr. 20.
- Apparatus for separating the constituents of petroleum emulsions. G. L. Adams and R. G. Barlow. 2,337,291; Dec. 21.
- Apparatus for setting buttons and the like. J. G. Wolff, O. J. Huelster, and J. E. Fagan. 2,310,008; Feb. 2.
- Apparatus for sewage treatment. R. D. Nichols. 2,309,002; Jan. 19.
- Apparatus for shaping and polishing diamond dies. A. Simons. 2,325,713; Aug. 3.
- Apparatus for shaping and vulcanizing pneumatic tires. L. E. Soderquist. 2,337,857; Dec. 28.
- Apparatus for signaling the decrease of pressure of pneumatic tires. E. Alava y Sautu. 2,314,965; Mar. 30.
- Apparatus for silencing pulsating gas streams and separating particles therefrom. A. S. Chipley. 2,329,101; Sept. 7.
- Apparatus for sintering powdered metals. C. A. Mann. 2,330,438; Sept. 28.
- Apparatus for sizing and classifying crushed slag material and the like. A. L. Ayers and B. E. Pheneger. 2,317,430; Apr. 27.
- Apparatus for slitting and cutting conductors. W. T. Barrans, P. M. Cole, D. O. Hannan, and D. C. Robson. 2,319,198; May 18.
- Apparatus for slitting paper. J. Frel, Jr. 2,324,380; July 13.
- Apparatus for smoothing surfaces. R. W. Dayton. 2,332,133; Oct. 19.
- Apparatus for solving problems. N. Garrett. 2,334,404; Nov. 16.
- Apparatus for sorting of articles according to size. R. A. A. Willens. 2,336,582; Dec. 14.
- Apparatus for sorting samples. J. Dichter. 2,327,179; Aug. 17.
- Apparatus for splitting, spreading, and flattening pipe. A. C. Allen. 2,313,702; Mar. 9.
- Apparatus for spot welding. H. W. Stieglitz. 2,312,938; Mar. 2.
- Apparatus for spraying a plurality of fluids. M. E. Hansen. 2,335,116; Nov. 23.
- Apparatus for spraying fluids. J. Gilsenan. 2,329,711; Sept. 21.
- Apparatus for stacking sheet material. G. F. Wikle. 2,323,174; June 29.
- Apparatus for starting and controlling discharge devices. H. W. Lord. 2,334,567-8; Nov. 16.
- Apparatus for starting and controlling electric discharge devices. W. J. Karash. 2,314,311; Mar. 16.
- Apparatus for stenciling articles. D. G. Rempel. 2,327,668; Aug. 24.
- Apparatus for stippling metal rolls and the like. F. F. Hillix and F. J. Leach. 2,337,017-18; Dec. 14.
- Apparatus for storing fluids underground. G. R. Benz and H. R. Ziegler. 2,316,308; Apr. 13.
- Apparatus for stretching thermostretchable elastoplastic film. R. C. Martin. 2,328,827; Sept. 7.
- Apparatus for striping roadways. P. A. Bleakley and T. F. Kolts. 2,324,478; July 20.
- Apparatus for studying illumination. E. Humphreys. 2,328,456; Aug. 31.
- Apparatus for submarines, safety. L. Y. Booharin. 2,313,461; Mar. 9.
- Apparatus for subjecting cylindrical members to heat treatment. L. Wilson and F. Olmstead. 2,317,009; Apr. 20.
- Apparatus for sugar-coating articles. J. G. Rubens and R. Laster. 2,336,298; Dec. 7.
- Apparatus for supplying strip. E. R. Tyrrell. 2,326,079; Aug. 3.
- Apparatus for supporting and spacing reinforcing devices. R. D. Yankee. 2,334,369; Nov. 16.
- Apparatus for surface drying of wood blocks. J. O. Matteson and R. H. Guyton. 2,336,110; Dec. 7.
- Apparatus for surfacing glass. F. W. Adams and M. L. Deane. 2,327,439; Dec. 21.
- Apparatus for sweetening breath. L. W. Schaff. 2,318,636; May 11.
- Apparatus for synthesis of ammonium chloride. A. H. Maude. 2,308,293; Jan. 12.
- Apparatus for taking samples of fluid from wells. A. M. Bundy. 2,316,216; Apr. 13.
- Apparatus for teaching telegraphy. A. E. Thompson and R. D. Salmon. 2,318,269; May 4.
- Apparatus for tempering flat glass. G. W. T. Bird. 2,318,684; May 11.
- Apparatus for tempering glass. J. L. Drake. 2,308,062; Jan. 12.
- Apparatus for tempering glass. L. J.-B. Forbes and J. Davidson. 2,336,174; Dec. 7.
- Apparatus for tempering glass bottles and like articles. C. E. Mongan, Jr. 2,338,071; Dec. 28.
- Apparatus for tendering meat. J. Moldawsky. 2,323,667; July 6.
- Apparatus for testing and indicating the condition of vehicle brakes. E. Plquez. 2,326,168; Aug. 10.
- Apparatus for testing bearings. D. K. Pope. 2,333,040; Oct. 22.
- Apparatus for testing breaker mechanisms. A. H. Hanson. 2,335,248; Nov. 30.
- Apparatus for testing engine lubrication. L. R. Grandy. 2,327,419; Aug. 24.
- Apparatus for testing gears. G. O. Richmond. 2,318,970; May 11.
- Apparatus for testing golf balls. C. G. Anderson and D. E. Richardson. 2,313,063; Mar. 16.
- Apparatus for testing or measuring sizes or dimensions. G. F. Pembroke. 2,325,423; July 27.
- Apparatus for testing pressure gauges. R. Temple. 2,318,724; May 11.
- Apparatus for testing the density of thread packages. E. B. Grover. 2,313,336; Mar. 9.
- Apparatus for testing the strength of eggshells. E. W. Nenderes. 2,333,313; Nov. 2.
- Apparatus for testing thin rubber articles. J. R. Cammeter. 2,320,516; June 1.
- Apparatus for testing walls. J. E. Gosline, W. R. Postlewaite, and W. G. Miller. 2,334,921; Nov. 23.
- Apparatus for textile mills, Unseaming and thread-winding. A. Andreotto. 2,333,613; Nov. 2.
- Apparatus for thawing frozen products. F. W. Goldthwait. 2,331,184; Oct. 6.
- Apparatus for the cementing of shoes. E. L. Crandell. 2,321,130-1; June 8.
- Apparatus for the continuous galvanizing of pipe and the like. P. C. Ely. 2,326,843; Aug. 17.
- Apparatus for the control of highway crossing signals. F. M. Loring. 2,328,656; Sept. 7.
- Apparatus for the control of highway crossing signals. H. C. Vantassel. 2,328,180; Aug. 31.
- Apparatus for the control of the ignition internal combustion engines. F. B. Halford and A. L. Catford. 2,322,690; June 22.
- Arrangement for the cooling of the compressor space of air and gas compressors. W. E. Elmer. 2,309,833; Feb. 2.
- Apparatus for the electrical surveying of bore holes. C. Schlumberger. 2,317,304; Apr. 20.
- Apparatus for the electrical treatment of colloidal dispersions. E. A. Murphy, F. J. Paton, and J. Ansell. 2,331,494; Oct. 12.
- Apparatus for the extraction of liquids such as petrol and all other hydrocarbons contained in gellies or like products. J. P. E. Labour. 2,323,056; June 29.
- Apparatus for the extrusion of cork. F. B. Menger and L. E. Gaenzle. 2,307,055; Jan. 5.
- Apparatus for the handling and developing of motion picture films. C. Bryant. 2,313,319; Mar. 9.
- Apparatus for the hypodermic administration of gas. I. McPherson. 2,337,347; Dec. 21.
- Apparatus for the liquid treatment of yarn and the like. A. Lodge. 2,331,207; Oct. 5.
- Apparatus for the manufacture of artificial sausage skins. A. Bergmann. 2,326,920; Aug. 17.
- Apparatus for the manufacture of cork compositions. H. K. Mearig. 2,317,331; Apr. 20.

- Apparatus for the manufacture of grinding wheels. L. H. Milligan and R. H. Lombard. 2,323,381; Aug. 10.
- Apparatus for the manufacture of handle attachments for paper bags. E. K. Robinson and J. Bagnall. 2,332,630; Oct. 26.
- Apparatus for the manufacture of photographic prints. G. J. van den Broek. 2,317,655; Apr. 27.
- Apparatus for the manufacture of rayon. W. H. Furness. 2,313,140; Mar. 9.
- Apparatus for the manufacture of rubber overshoes. J. A. da Cunha. 2,331,963; Oct. 19.
- Apparatus for the manufacture of sheet glass. J. H. Lewis. 2,312,564; Mar. 2.
- Apparatus for the manufacture of shoes. G. S. Marx. 2,318,509; May 4.
- Apparatus for the manufacture of smokeless powder. B. Troxler. 2,316,195; Apr. 13.
- Apparatus for the multiple molding of hams and the like. F. H. Hoy. 2,310,956-7; Feb. 16.
- Apparatus for the picking up and reproduction of sounds. A. May. 2,323,066; June 29.
- Apparatus for the producing of aqueous suspensions of clay. H. Brudal. 2,313,010; Mar. 2.
- Apparatus for the production of accessories to construction materials. A. C. Fischer. 2,309,306; Jan. 26.
- Apparatus for the production of glass yarns. P. Modigliani. 2,333,637; Nov. 2.
- Apparatus for the production of molded articles. H. M. Dodge. 2,310,404; Feb. 9.
- Apparatus for the production of music. B. F. Miessner. 2,323,232; June 29.
- Apparatus for the production of pulp from cellulosic material. J. B. Beveridge. 2,323,194; June 29.
- Apparatus for the recovery of chemicals from black liquors. A. L. Hamm. 2,319,399; May 18.
- Apparatus for the removal of railway rails from pavement. F. W. Stiefel. 2,312,937; Mar. 2.
- Apparatus for the separation of fluids. J. Blizard. 2,320,345; June 1.
- Apparatus for the separation of ice and concentrate. G. Krause. 2,317,777; Apr. 27.
- Apparatus for the transfer of sensible and latent heat. P. A. Scherer. 2,310,121; Feb. 2.
- Apparatus for the treatment of acid sludge. W. F. Carr. T. G. Woolhouse, and W. Green. 2,321,457; June 8.
- Apparatus for the treatment of artificial materials. R. D. Reel. 2,334,288; Nov. 16.
- Apparatus for the treatment of crude oleo resins. McG. Cline. 2,328,891; Sept. 7.
- Apparatus for the treatment of fabrics. L. Migliaccio. 2,319,099; May 18.
- Apparatus for the treatment of liquid solids mixtures. C. H. Scott and H. A. Lynch. 2,322,720; June 22.
- Apparatus for the treatment of slurries or liquid solids mixtures. C. H. Scott. 2,322,719; June 22.
- Apparatus for the treatment of soil. C. F. Irish. 2,323,773; July 6.
- Apparatus for the treatment of solid materials with liquids. R. F. Thompson and R. A. Stone. 2,337,137; Dec. 21.
- Apparatus for the treatment of yarn packages. W. I. Taylor. 2,316,900; Apr. 20.
- Apparatus for the threading sewing needles. D. R. Ligh. 2,332,669; Oct. 26.
- Apparatus for tightening airplane propeller shaft thrust bearing nuts. H. L. Walls. 2,313,105; Mar. 9.
- Apparatus for tightening electrode joints. F. W. Brooke. 2,322,918; June 29.
- Apparatus for timing impulses. W. Kohlhaugen. 2,317,202; Apr. 20.
- Apparatus for tipping metal bases with metal tips. O. Jendresen. 2,308,658-9; Jan. 19.
- Apparatus for tire production. H. D. Stevens. 2,324,985; July 20.
- Apparatus for training aircraft pilots. G. E. Hill and S. M. Goldsmith. 2,329,612; Sept. 14.
- Apparatus for training pilots, navigators, and like aircraft personnel. G. H. Reid. 2,313,480; Mar. 9.
- Apparatus for transfer presses. Registering and locking. G. E. Dievers. 2,332,135; Oct. 19.
- Apparatus for transferring freight. B. F. Fitch. 2,317,984; May 4.
- Apparatus for transforming oscillations. J. Bethenod and Y. Rocard. 2,313,290; Mar. 9.
- Apparatus for transporting materials. R. A. Dunn. 2,323,458; July 6.
- Apparatus for treating and drying thread. C. F. Gram. 2,319,812; May 25.
- Apparatus for treating and packaging sutures and the like. W. S. and C. T. Davis. 2,318,381; May 4.
- Apparatus for treating cement raw materials and the like. C. Wanner. 2,314,296; Mar. 16.
- Apparatus for treating chemicals. W. A. Carlson and P. W. Salo. 2,324,195; July 13.
- Apparatus for treating continuously sheathed cores. B. H. Davis. 2,307,575; Jan. 5.
- Apparatus for treating food. R. B. McKinnis. 2,316,094; Apr. 6.
- Apparatus for treating foodstuffs. W. de Back. 2,314,871; Mar. 30.
- Apparatus for treating foodstuffs. W. de Back. 2,321,016; June 8.
- Apparatus for treating fur. R. H. Plass. 2,313,578; Mar. 9.
- Apparatus for treating glass sheets and the like. J. A. McCormick, Jr. 2,329,922; Sept. 21.
- Apparatus for treating galvanizing work. D. Edge and P. H. Wray. 2,312,083; Feb. 23.
- Apparatus for treating hydrocarbon oils. A. B. Bagsar. 2,327,490; Aug. 24.
- Apparatus for treating liquids flowing through heated tubes. G. W. Eisenlohr. 2,318,206; May 4.
- Apparatus for treating liquids with gases. G. MacLean. 2,315,654; Mar. 9.
- Apparatus for treating materials. B. A. Smith. 2,315,022; Mar. 30.
- Apparatus for treating metal articles. R. F. Arnoldy. 2,310,384; Feb. 9.
- Apparatus for treating metal strips. R. H. Gordon and R. P. Tooke. 2,311,616; Feb. 16.
- Apparatus for treating milk. A. R. Thompson. 2,337,784; Dec. 28.
- Apparatus for treating oil. E. I. Bailey. 2,320,059; May 25.
- Apparatus for treating peeled citrus fruits. R. Polk, Sr. 2,329,555; Sept. 14.
- Apparatus for treating plastic material. R. W. Bailly. 2,332,687; Oct. 26.
- Apparatus for treating plastic material. F. G. Gronemeyer. 2,312,639; Mar. 2.
- Apparatus for treating rolling oils. R. P. Dunmire and J. A. Camelford. 2,316,571; Apr. 13.
- Apparatus for treating strands. V. A. Rayburn. 2,320,246; May 25.
- Apparatus for treating the surface of vehicles. T. M. E. Johnson. 2,309,247; Jan. 26.
- Apparatus for treating tires. O. B. Moore, G. G. Havens, and G. F. Mikle. 2,314,726; Mar. 23.
- Apparatus for treating urine. A. Raisch. 2,327,457; Aug. 24.
- Apparatus for treating wells. O. E. Barstow. 2,308,668; Jan. 19.
- Apparatus for treating wells. O. W. Lyons and J. H. Adkison. 2,327,051; Aug. 17.
- Apparatus for treating wells. D. D. Powers. 2,330,144; Sept. 21.
- Apparatus for treatment of artificial materials. H. Dreyfus, E. W. Moncrieff, and F. B. Hill. 2,317,448; Apr. 27.
- Apparatus for trimming excavations. Method of. J. M. Crom. 2,318,294; May 4.
- Apparatus for tube bending. A. T. Kvarnstrom. 2,335,342; Nov. 30.
- Apparatus for turning head lamps. W. C. Tostevin. 2,321,337; June 8.
- Apparatus for twisting rayon. Process and. F. J. Jones and J. L. Bitter. 2,318,162; May 4.
- Apparatus for uniting parts of thermoplastic articles. V. E. Hofmann. 2,319,683; May 18.
- Apparatus for unwinding thread packages. W. B. Cooper. 2,331,454; Oct. 12.
- Apparatus for use in fabricating tunnel lining lighting segments. L. Fine and H. B. Kelchner. 2,324,919; July 20.
- Apparatus for use in fire control of antiaircraft guns. J. P. Watson. 2,333,605; Nov. 2.
- Apparatus for use in making shoes. S. J. Finn. 2,337,094; Dec. 21.
- Apparatus for use in photographing miniatures. W. E. Garity. 2,312,158; Feb. 23.
- Apparatus for use in preparing plant products for market. H. C. Brest. 2,336,775; Dec. 14.
- Apparatus for use in preparing poultry for the market. V. T. O'Connor and W. C. Gardiner. 2,326,162; Aug. 10.
- Apparatus for use in the application of coating material or the like to articles. E. F. Huddle. 2,334,930; Nov. 23.
- Apparatus for use in the fabrication of multi-ply glass sheet glazing units. C. D. Haven and J. J. Hopfield. 2,334,624; Nov. 16.
- Apparatus for use in the manufacture of nuts. C. D. Reid. 2,324,953; July 20.
- Apparatus for use in the shaping of glass sheets or plates. A. McK. Greaves-Walker. 2,330,279; Sept. 28.
- Apparatus for utilization of liquefied petroleum gases. A. Abramson. 2,335,837; Nov. 30.
- Apparatus for verifying statistical data. J. N. Wheeler. 2,335,982; Dec. 7.
- Apparatus for vaporizing and applying liquids. C. W. Johnson. 2,319,459; May 18.
- Apparatus for vaporizing and superheating hydrocarbon oils. G. D. Dill. 2,329,341; Sept. 14.
- Apparatus for vibration testing. J. A. Hutcheson. 2,326,033; Aug. 3.
- Apparatus for violet ray treatment. C. G. Filzer. 2,323,529; July 6.
- Apparatus for vulcanizing endless belts. F. Slusher. 2,327,566; Aug. 24.
- Apparatus for washing and rinsing dishes, silverware, and the like. D. E. Yochem. 2,317,014; Apr. 20.
- Apparatus for washing articles. D. K. Ferris. 2,314,332; Mar. 23.
- Apparatus for washing cups, mugs, drinking glasses, and similar articles. E. V. Varley. 2,317,829; Apr. 27.
- Apparatus for washing glasses and the like. V. W. Cunningham. 2,312,319; Mar. 2.

- Apparatus for washing oleoresin. J. O. Reed. 2,322,252; June 22.
- Apparatus for washing sheet glass. C. B. Schafer. 2,334,651; Nov. 16.
- Apparatus for washing vegetables. R. Berger and H. N. Ricket. 2,331,164; Oct. 5.
- Apparatus for waxing cartons. T. R. James. 2,330,124; Sept. 21.
- Apparatus for welding. E. G. Guenzel. 2,316,859; Apr. 20.
- Apparatus for welding. J. H. Howard. 2,329,904; Sept. 21.
- Apparatus for welding. H. W. Mitchell. 2,313,393; Mar. 9.
- Apparatus for welding and sizing tubes, Combined. J. L. Anderson. 2,308,850; Jan. 19.
- Apparatus for winding cores. D. G. Marlow. 2,334,880; Nov. 23.
- Apparatus for withdrawing liquids from closed containers. F. J. Harlow. 2,330,708; Sept. 28.
- Apparatus for working mineral materials and the like. C. J. Burch and G. H. Smith. 2,327,497; Aug. 24.
- Apparatus for worsted drawing. W. B. Goodspeed. 2,328,899; Sept. 7.
- Apparatus to control the flow of goods. C. Meyer. 2,332,104; Oct. 19.
- Apparatus useful for the manufacture of electric blasting caps. F. C. Ashcroft. 2,314,066; Mar. 23.
- Apparatus useful in directional well drilling. A. L. Armentrout. 2,327,693; Aug. 24.
- Apparel, Lady's wearing. E. Cadoux. 2,334,311; Nov. 16.
- Apparel, Wearing. D. Cuttler. 2,313,519; Mar. 9.
- Appliance and brace, Orthopedic. L. Springer. 2,332,119; Oct. 19.
- Appliance construction. W. R. Weeks. 2,326,589; Aug. 23.
- Appliance device, Orthodontic. J. A. Linde. 2,318,001; May 4.
- Appliance, Domestic. R. R. Candor. 2,331,535; Oct. 12.
- Appliance, Domestic. F. H. McCormick. 2,314,592; Mar. 23.
- Appliance, Domestic. G. C. Pearce. 2,327,850; June 15.
- Appliance for cutting, mixing and mashing animal and poultry foods. G. H. Gascoigne. 2,333,855; Nov. 9.
- Appliance for drying hair. J. H. Krueger. 2,320,352; Sept. 14.
- Appliance for electrically heated apparatus, Safety. G. H. Brown and A. E. Lanigan. 2,314,863; Mar. 30.
- Appliance for mixing and distributing liquid disinfectants or other fluids. D. G. Hall. 2,320,125; May 25.
- Appliance for motor vehicles. H. Brandt. 2,314,815; Mar. 23.
- Appliance for working on automobile body panels. W. H. Ferguson. 2,311,041; Feb. 16.
- Appliance, Swimmers. A. Crupl. 2,320,222; May 25.
- Appliance, Swimming. J. L. Tuma. 2,313,979; Mar. 16.
- Applicating aid, Cosmetic. E. Moore and J. Kantaros. 2,325,968; Aug. 3.
- Application of cords to food products. C. Maccarini. 2,328,085; Aug. 31.
- Application of spray metal to metal surfaces. J. F. Medina. 2,320,327; May 25.
- Applicator. H. L. Apfelbaum. 2,334,531; Nov. 16.
- Applicator and boiler for the thermal-vapor treatment of congestion in the human body. W. E. Hillebrand. 2,316,333; Apr. 13.
- Applicator and curler, Mascara. A. O. Hanisch. 2,323,595; July 6.
- Applicator and fastening device, Tire chain. V. E. Brady. 2,324,463; July 20.
- Applicator closure for dispensing containers. Leakproof. R. E. Kingman. 2,307,224; Jan. 5.
- Applicator, Combined plastic and tape. R. G. Ames. 2,323,963; July 13.
- Applicator, Cosmetic. C. A. Mureau. 2,309,861; Feb. 2.
- Applicator, Cosmetic. C. E. Zimmerman. 2,317,662; Apr. 27.
- Applicator. Finish. R. M. Hoffman and I. V. Hitt. 2,331,980; Oct. 19.
- Applicator, Fluid control. E. L. Hollenbeck. 2,314,538-9; Mar. 23.
- Applicator for polishing and buffing compositions. J. V. Davis. 2,332,992; Oct. 26.
- Applicator, Fountain. O. J. Herb. 2,330,052; Sept. 21.
- Applicator, Liquid. L. A. Chambers. 2,311,367; Feb. 16.
- Applicator, Liquid wax. H. C. Nimrick. 2,326,669; Aug. 10.
- Applicator or roller and making the same. R. R. Lewis and A. J. Weiss. 2,333,800; Nov. 9.
- Applicator roll. W. C. Toland and E. Bassist. 2,312,853; Mar. 2.
- Applicator, Rubber sleeve. C. M. Jones. 2,334,558; Nov. 16.
- Applicator, Ultra violet ray. O. H. Floyd. 2,326,773; Aug. 17.
- Applier, Adhesive. C. B. Fantone. 2,324,686; July 20.
- Applying mechanism for gum stick wrapping machines, Tear strip. W. B. Ranney and A. F. Ruhf. 2,334,030; Nov. 9.
- Apron, Barber's. T. E. Shaw. 2,316,893; Apr. 20.
- Apron for wet tubing, Protecting. E. Cooper. 2,318,466; May 4.
- Apron guiding device for long draft mechanism. O. W. Schlums. 2,319,367; May 18.
- Aquarium water conditioning device. J. F. Haldeman. 2,335,756; Nov. 30.
- Aquatic torch or light buoy. A. Thiebault. 2,331,439; Oct. 12.
- Aqueous dispersions, Concentrating. A. d'Angremont and O. B. Schrieke. 2,332,902; Oct. 26.
- Aqueous dispersions of ethylene polymer, Production of. A. S. Gomm. 2,313,144; Mar. 9.
- Aqueous rubber dispersions, Manufacture of articles from. S. B. Nelley and E. E. Habib. 2,326,160; Aug. 10.
- Aqueous thickening solutions. K. D. Bacon and G. K. Greminger, Jr. 2,321,270; June 8.
- Aralkyl iodides and corresponding alcohols, Making. R. G. Heitz and J. E. Livak. 2,308,419; Jan. 12.
- Aralkyl phenol and its production. A. L. Ward. 2,329,671; Sept. 14.
- Arbor. W. F. Floch and T. M. Thornton. 2,334,954; Nov. 23.
- Arbor for supporting tubes forming headless spools or the like, Self-locking. G. B. Markie, Jr. 2,317,208; Apr. 20.
- Arc extinguishing means. G. F. McMahon. 2,325,416; July 27.
- Arc extinguishing means. G. F. McMahon. 2,328,825; Sept. 7.
- Arc interrupting device. W. H. Lantz, Jr. 2,323,476; July 6.
- Arc lamp. J. Gelb. 2,307,260; Jan. 5.
- Arc quencher. F. J. Pokorny. 2,311,690; Feb. 23.
- Arc welding table. J. E. Bales. 2,328,182; Aug. 31.
- Arch construction. N. Davey. 2,336,228; Dec. 7.
- Arch support. J. D. Baum. 2,312,378; Mar. 2.
- Arch support. W. M. Scholl. 2,319,160; May 11.
- Arch support. S. Vass. 2,330,398; Sept. 28.
- Arch supporter. B. W. Klein. 2,330,978; Oct. 5.
- Arch supports, Making. W. E. Blackburn. 2,313,314; Mar. 9.
- Archer's bow. H. Cordrey and W. J. Duvall. 2,307,021; Jan. 5.
- Architectural model. C. N. Tingley and F. K. Harper. 2,315,463; Mar. 30.
- Arctic oil exploration, Determining suitable. J. G. Campbell. 2,320,824; Sept. 21.
- Arm for mirrors, Support. O. C. Ritz-Woller. 2,319,557; May 18.
- Arm protector or the like. I. Welsberger. 2,326,422; Aug. 10.
- Arm rest with door handle, Adjustable. F. J. Westrope. 2,325,292; July 27.
- Arm, Stabilized phonograph. A. M. Jones. 2,331,122; Oct. 5.
- Armament, Aircraft. G. W. Hardman. 2,332,378; Oct. 19.
- Armament, Aircraft. C. H. A. Hartley. 2,331,470; Oct. 12.
- Armature construction. R. M. Heintz. 2,324,158; July 13.
- Armature, Relay. F. A. Zupa. 2,323,961; July 13.
- Armature winding. H. Vaillant. 2,315,300; Mar. 30.
- Armatures, Etching of capacitor. F. M. Clark. 2,330,846; Dec. 14.
- Armor, Bullet resisting. E. Eger. 2,318,301; May 4.
- Armor plate manufacture. A. L. Abbott. 2,324,808; July 20.
- Armor, Protective. H. B. Lewis. 2,312,841; Mar. 2.
- Armor, Thermometer. J. L. McConnell. 2,328,528; Aug. 31.
- Armor, Tire. F. Moore. 2,320,827; June 1.
- Armored cable. O. A. Frederickson. 2,308,274; Jan. 12.
- Armored observation unit. A. W. Herrington. 2,324,503; July 20.
- Armored vehicle body. B. O. Jones. 2,330,218; Sept. 28.
- Armrest. B. E. Jones. 2,337,557; Dec. 28.
- Aromatic acyloxy aliphatic nitriles. J. G. Lichty. 2,311,898; Feb. 23.
- Aromatic amido compounds of therapeutic value, The preparation of new soluble. P. E. C. Goissedet and R. L. Despols. 2,309,841; Feb. 2.
- Aromatic isocyanates, Manufacture of. R. Greenhalgh and H. A. Pigott. 2,311,046; Feb. 16.
- Aromatic products from light olefins, Manufacture of. C. Weizmann. 2,329,672; Sept. 14.
- Aromatic vinyl compounds, Production of. G. Daumiller and G. Hoffmann. 2,310,762; Feb. 9.
- Aromatics, Recovery of pure. C. L. Dunn and R. B. McConaughy. Re. 22,379; Sept. 28.
- Aromatization. E. T. Layng and L. C. Rubin. 2,320,147; Mar. 23.
- Arrangement for noise elimination at the receiver. M. Wald. 2,315,173; Mar. 30.
- Arrangement for reducing equalizing oscillations. H. Meyer. 2,312,571; Mar. 2.
- Arrangement for repeater stations in electric communication systems. J. H. Mole. 2,338,004; Dec. 28.
- Arrangement for stamping machines. E. V. Nyberg. 2,323,673; July 6.
- Arrangement for the measurement of electrical impedance. J. C. Quayle. 2,319,475; May 18.
- Arrangement for the reproduction of sounds. O. K. Kolb and D. W. Boston. 2,324,781; July 20.
- Arsenic from lead containing it, Removal of. M. F. W. Heberlein and N. R. Bierly. 2,335,758; Nov. 30.
- Art of severing webs. W. M. Stocker. 2,327,468; Aug. 24.

- Artery type rotary pump. W. C. Yeatman. 2,336,580; Dec. 14.
- Article. M. L. Rathbun. 2,309,535; Jan. 26.
- Article and a method of mounting characters of wood or the like, on a background of wood, or similar materials. A. W. Flint. 2,321,740; June 15.
- Article aligning device. E. H. Birdsall and R. S. Spalding. 2,336,059; Dec. 7.
- Article assembling and feeding machine. L. B. Willoughby. 2,313,706; Mar. 9.
- Article assembling apparatus. G. A. Seeley. 2,308,722; Jan. 19.
- Article carrying attachment for crutches. H. G. Hedden. 2,311,049; Feb. 16.
- Article-charging machine. P. Haig. 2,331,392; Oct. 12.
- Article compressing mechanism for wrapping machines. O. Sandberg. 2,336,752; Dec. 14.
- Article distributing system. M. Cohen. 2,310,160; Feb. 2.
- Article formed from relatively thin resilient sheets. C. W. Niedringhaus. 2,324,318; July 13.
- Article forming apparatus. B. Edelman. 2,313,525; Mar. 9.
- Article for use in the treatment of leafy vegetables. W. H. Wilson. 2,322,493; June 22.
- Article grinding apparatus. J. K. Jackson. 2,326,034; Aug. 3.
- Article handling apparatus. G. D. Lea and J. S. Stull. 2,328,383; Aug. 31.
- Article handling apparatus. J. D. Romano. 2,329,787; Sept. 21.
- Article handling apparatus. J. S. Stull. 2,322,551; June 22.
- Article handling device. B. A. Raetsch. 2,327,126; Aug. 17.
- Article handling device. C. D. Ryan. 2,317,645; Apr. 27.
- Article handling means. G. R. Pierce. 2,337,923; Dec. 28.
- Article handling mechanism. W. Siegerist. 2,334,887; Nov. 23.
- Article holder. M. B. Acosta. 2,334,740; Nov. 23.
- Article of apparel. E. Kertesz and I. K. Lorant. 2,321,091; June 8.
- Article of manufacture. S. D. Brownlee and J. G. MacDonald. 2,319,581; May 18.
- Article of furniture. Convertible. M. O. Tallmer. 2,334,297; Nov. 16.
- Article of hosiery, including terry fabric. P. L. Thurston. 2,318,643; May 11.
- Article of jewelry and making same. I. Roskin. 2,332,344; Oct. 19.
- Article of manufacture. J. C. Creadick. 2,307,760; Jan. 12.
- Article of manufacture. F. A. McDermott. 2,321,762; June 15.
- Article of manufacture. J. A. Mitchell. 2,321,764; June 15.
- Article of manufacture. W. Whitehead. 2,330,254; Sept. 28.
- Article of manufacture and making same. F. A. Yokell. 2,337,792; Dec. 28.
- Article of manufacture for use as an insecticide and making. New. H. E. Jennings and J. M. Hutzell. 2,320,520; June 1.
- Article rack. G. L. C. Earle. 2,312,327; Mar. 2.
- Article recovering implement. L. C. Smith. 2,316,981; Apr. 20.
- Article support. O. S. Osborne. 2,319,747; May 18.
- Article supporting rack. R. V. Miner. 2,316,609; Apr. 13.
- Article transferring apparatus. C. Schmutzer and K. Manrodt. 2,308,209; Jan. 12.
- Article turning machine. J. B. Hampton. 2,313,544; Mar. 9.
- Article working apparatus. A. L. Van Nest. 2,337,696; Dec. 28.
- Articles from polymeric compositions, Production of hollow. A. W. Larchar. 2,317,687; Apr. 27.
- Articles from titanium dioxide, Forming. H. Thurnauer, and G. W. Fichter. 2,323,759; July 6.
- Articles in gold colors and the product thereof, Decoratively coloring. J. E. Stareck. 2,313,455; Mar. 9.
- Articles, Inlaying and molding. K. Perkins. 2,319,156; May 11.
- Articles made from vegetable seed proteins and making same, Shaped. A. McLean. 2,319,009; May 11.
- Articles, Making Metal. H. Tormyn. 2,319,373; May 18.
- Articles, Making retractile. R. Picard and R. Fays. 2,320,381; June 1.
- Articles, Making spherical. M. C. Meyer. 2,335,294; Nov. 30.
- Articles, Method and apparatus for stenciling upon. J. C. Smith. 2,335,461; Nov. 30.
- Articles, Method and apparatus for testing. E. W. Kellogg. 2,331,478; Oct. 12.
- Articles, Molding. M. B. Reach. 2,309,865; Feb. 2.
- Articles of manufacture, Applying labellike elements to. F. Autem. Re. 2,332; Aug. 10.
- Articles of manufacture, Making. Le R. T. Barnette. 2,318,589; May 11.
- Articles of resin bonded abrasive grains. C. E. Barnes. 2,308,853; Jan. 19.
- Articles, Producing pigmented enamel. J. B. Rosenberg. 2,317,114; Apr. 20.
- Articulation means for artificial dentures. M. G. Win-trebert. 2,309,084; Jan. 26.
- Artificial eye. T. J. Dimitry. 2,322,117; June 15.
- Artificial eyelash elongation. E. Adler. 2,324,271; July 13.
- Artificial fibers and staple fiber yarns, The manufacture of. O. von Kohorn zu Kornegg. 2,308,576; Jan. 19.
- Artificial fibers from fiber forming liquids, Production of. A. Formhals. 2,323,025; June 29.
- Artificial filaments, Spinning of. R. Soukup. 2,307,863-4; Jan. 12.
- Artificial filaments, threads, and the like, Manufacture of. G. Dreyfus and G. Schneider. 2,324,567; July 20.
- Artificial filaments, Production of. W. I. Taylor and W. Pool. 2,330,932; Oct. 5.
- Artificial flower stem. R. F. Thomas. 2,331,440; Oct. 12.
- Artificial glass. I. E. Muskat, M. A. Pollack, F. Strain, and W. A. Franta. 2,320,533; June 1.
- Artificial horizon. L. F. Carter. 2,326,835; Aug. 17.
- Artificial protein films and filaments, Treatment of. O. Huppert. 2,309,113; Jan. 26.
- Artificial staple fibers, Manufacture of. L. E. Lovett. 2,315,265; Mar. 30.
- Artificial teeth, Interchangeably mounted. I. Slomovici. 2,310,155; Feb. 2.
- Artificial teeth, Making. H. M. Thornton and C. Dietz. 2,314,957; Mar. 30.
- Artificial teeth, Mounting. J. A. Saffir. 2,308,457; Jan. 12.
- Artificial tooth. R. W. Erdle. 2,328,379; Aug. 31.
- Artificial tooth. A. H. Tamarin. 2,315,669; Apr. 6.
- Artillery projectile bodies, Producing. D. J. Campbell. 2,314,342; Mar. 23.
- Artist's palette. M. A. Lowther. 2,307,892; Jan. 12.
- Artist's palette case. A. R. Weissfogel. 2,320,540; June 1.
- Arylamides of hydroxy naphthoic acids. G. J. Marriott and K. H. Saunders. 2,328,734; Sept. 7.
- Arylaminoanthraquinone compound. D. X. Klein. 2,333,384; Nov. 2.
- Arylaminoanthraquinone compounds. D. X. Klein. 2,335,680; Nov. 2.
- Aryl dinitros; compounds, Reduction product of. E. C. Ladd and W. P. ter Horst. 2,336,941; Dec. 14.
- Aryl-substituted hydrogenated cyclic compounds and producing same. H. Hopff, W. Rapp and H. Rinke. 2,326,222; Aug. 10.
- Aryl-substituted phenols, Production of. W. C. Ault. 2,314,322; Mar. 23.
- Asbestos-cement pipe. E. W. Rembert. 2,322,592; June 22.
- Asbestos insulating unit or yarn. W. F. Astley. Ascertaining from aircraft in flight variations in the force of the wind at various distances below the aircraft. H. C. Gatty. 2,320,359; June 1.
- Ascorbic acid and α -D-glucosone, Preparation of. C. G. King and G. White. 2,318,500; May 4.
- Ash deflecting baffle. L. J. Marshall. 2,313,251; Mar. 9.
- Ash disposal device. S. H. Wanatuk. 2,308,947; Jan. 19.
- Ash handling device. C. H. Will and B. F. Monroe. 2,323,884; July 13.
- Ash receiver. S. Ferman. 2,318,149; May 4.
- Ash receiver. E. Gillisee and C. Hendricks. 2,330,417; Sept. 28.
- Ash receiver. C. Hendricks. 2,334,925; Nov. 23.
- Ash receptacle. R. W. Parkinson. 2,311,568; Feb. 16.
- Ash-tray. 2,311,356; Feb. 16.
- Ash-retaining cigarette holder. W. Lemle. 2,314,585; Mar. 23.
- Ash tray. R. H. Segal. 2,335,973; Dec. 7.
- Ash tray. C. A. Schallis. 2,311,968; Feb. 23.
- Ash tray. A. A. Smith. 2,307,645; Jan. 5.
- Ash tray. F. A. Joseph. 2,318,078; May 4.
- Ash tray and safety means, Combined. N. Gerner. 2,327,036; Aug. 17.
- Ash tray-coaster, Combination. S. W. Smith. 2,329,660; Sept. 14.
- Ash tray, Pocket. N. J. Rabedew. 2,309,918; Feb. 2.
- Ash tray, Portable. S. Phillips. 2,320,647; June 1.
- Ashtray, Self-emptying. R. Wesselhoeft. 2,335,094; Nov. 23.
- Asparagus cutter. G. L. Dorland. 2,322,926; June 29.
- Asparagus processing machine. W. J. Emmons and B. S. Gallagher. 2,310,358; Feb. 9.
- Asparagus top cutter. D. F. Beegle. 2,314,439; Mar. 22.
- Asphalt and producing same. D. E. Carr and H. W. Ritchey. 2,314,124; Mar. 16.
- Asphalt composition. S. S. Sorem and A. P. Anderson. 2,313,596; Mar. 9.
- Asphalt composition, Colored emulsified. L. R. Fadden. 2,323,311; Oct. 19.
- Asphalt emulsions, Producing. R. A. Dunham. 2,318,932; May 11.
- Asphalt finisher and spreader. W. H. Lewis. 2,314,358; Mar. 23.
- Asphalt manufacture. L. L. Lovell, D. C. Isted, and R. L. Ortynsky. 2,317,150; Apr. 20.
- Asphalt, Melting and apparatus for handling. R. C. Hawks and E. M. Skinner. 2,311,389; Feb. 16.
- Asphalt or resin shipping container. O. K. Schmied. 2,310,712; Feb. 9.
- Asphalt, Producing. D. E. Carr and H. W. Ritchey. 2,327,247; Aug. 17.

- Asphalt production, Paving. R. L. Ortynsky. 2,308,245; Jan. 12.
- Asphalt saturant, Non-foaming. H. S. Goodwin. 2,322,629; June 22.
- Asphalt, Saturating. J. C. Roediger. 2,322,039; June 15.
- Asphaltic hydrocarbons, Conversion of. V. A. Salmi. 2,334,505; Dec. 14.
- Asphalts to mineral aggregates, Adhesivity of. J. C. Roediger. 2,332,260; Oct. 19.
- Aspirator device for smoke and airing conduits. L. Petrovich. 2,310,909; Feb. 9.
- Assembling mechanism of type casting machines. G. H. Hutchison. 2,320,932; June 1.
- Assembling apparatus. G. A. Seeley. 2,336,573; Dec. 14.
- Assembling apparatus. A. E. Summers and J. H. Tomlin. 2,326,982; Aug. 17.
- Assembling dry rectifiers and the like with solder. R. A. Ehrhardt and E. E. Wright. 2,321,071; June 8.
- Assembling machine. L. H. Cushman and A. F. Pym. 2,333,708; Nov. 9.
- Assembling machine. H. T. Hallowell, Jr. 2,324,925; July 20.
- Assembling machine. J. R. Ioannilli and P. H. Dixon. 2,313,148; Mar. 9.
- Assembling machine. E. Quinn. 2,318,632; May 11.
- Assembling machine, Electric plug. C. H. Judisch. 2,316,593; Apr. 13.
- Assembling machine, Separable slide fastener. M. Winterhalter. 2,335,034; Nov. 23.
- Assembling machinery. A. Klammt and G. W. Kretzschmar. 2,318,695; May 11.
- Assembling plywood. A. R. Welch. 2,323,105; June 29.
- Assembling tool. F. J. Lonahan. 2,329,275; Sept. 14.
- Assembling tool. A. L. Parker. 2,333,120; Nov. 2.
- Assembly apparatus. A. E. Rylander. 2,327,068; Aug. 17.
- Assembly fixture, Wing frame. F. M. Smith. 2,314,319; Mar. 16.
- Assembly for driving clutches and the like and method of making the same. T. L. Fawick. 2,307,456; Jan. 5.
- Assembly for electrical units, Separable. L. N. Foster. 2,323,812; July 6.
- Assembly for the blades of variable pitch airscrews. P. P. and R. J. Ratlé. 2,313,301; Mar. 9.
- Assembly machine. S. Goodman. 2,311,536; Feb. 16.
- Assembly machine. W. P. Herman. 2,334,626; Nov. 16.
- Assembly machine. N. V. Kuchman. 2,335,940; Nov. 9.
- Assorting device. M. Shuman. 2,328,854; Sept. 7.
- Assorting machine. M. Shuman. 2,337,942; Dec. 28.
- Asymmetric arsenobenzene. A. Fehrlé, H. Cesterlin, W. Herman, and F. Hampe. 2,336,853; Dec. 14.
- Athletic shoe pad. T. S. Park. 2,336,632; Dec. 14.
- Atmospheric drum drier. C. O. Lavett. 2,316,176; Apr. 13.
- Atomizer. A. H. Bahnsen, Jr. 2,311,018; Feb. 16.
- Atomizer. W. S. Bowen. 2,333,150; Nov. 2.
- Atomizer. E. B. Hunn. 2,332,798; Oct. 26.
- Atomizer. E. B. Hunn and A. Harmsen. 2,332,799; Oct. 26.
- Atomizer. K. L. Martin and E. A. Holden. 2,313,298; Mar. 9.
- Atomizer. D. L. Spender. 2,311,496; Feb. 16.
- Atomizer. H. C. Witt. 2,314,263; Mar. 16.
- Attachable boiler furnace. J. Cook. 2,336,226; Dec. 7.
- Attacher, Glove. M. M. Walsh. 2,316,033; Apr. 6.
- Attaching device. E. P. Cogswell. 2,314,770; Mar. 23.
- Attaching device. O. F. Tallman. 2,309,261; Jan. 26.
- Attaching machine, Article. H. Gunther. 2,335,827; Nov. 30.
- Attaching means for separable fastener installations. T. Newbold. 2,327,330; Aug. 17.
- Attachment filter. J. T. Roffy. 2,334,791; Nov. 23.
- Attachment for automatic screw machines, Pick-off. J. A. Oeschger. 2,331,719; Oct. 12.
- Attachment for bird cages. D. A. Dearle. 2,309,830; Feb. 2.
- Attachment for cameras. E. L. Jarboe. 2,316,694; Apr. 13.
- Attachment for carburetors. J. A. Balogh. 2,335,037; Nov. 23.
- Attachment for carriers, Pickup and loading. R. H. Elholm. 2,335,924; Dec. 7.
- Attachment for converting dry twistlers into wet twistlers. J. E. Turcotte. 2,320,956; June 1.
- Attachment for corn huskers. O. White, Jr. 2,337,702; Dec. 28.
- Attachment for corn pickers. F. A. Fitzloff. 2,315,950; Apr. 6.
- Attachment for cultivators. G. H. Vickery. 2,308,575; Jan. 19.
- Attachment for driving tools, Holder. E. Raby. 2,317,085; Apr. 20.
- Attachment for electric drills, Saw. L. Broderhausen. 2,319,973; May 25.
- Attachment for electric fixtures. A. K. Sutherland. 2,309,143; Jan. 26.
- Attachment for electric razors. J. E. Gantner. 2,329,891; Sept. 21.
- Attachment for extensible window screens, Closing and cleaning. F. Siken. 2,334,450; Nov. 16.
- Attachment for fire hose, Spraying. F. C. Stefef. 2,316,911; Apr. 20.
- Attachment for flush tanks. R. T. Addlesburger. 2,331,589; Oct. 12.
- Attachment for furnaces and the like. F. A. Smith. 2,317,229; Apr. 20.
- Attachment for grain harvesters. R. E. Crown. 2,333,153; Nov. 2.
- Attachment for hair clippers. A. T. Martell. 2,317,928; Apr. 27.
- Attachment for hand-fed machines, Safety. B. Wachs. 2,324,806; July 20.
- Attachment for harvester-threshers, Pickup. W. E. Bowling. 2,317,127; Apr. 20.
- Attachment for harvesting implements, Pickup. T. B. Roberts and B. F. Davenport. 2,313,670; Mar. 9.
- Attachment for ladders. T. J. Nelson. 2,329,643; Sept. 14.
- Attachment for ladders. F. D. Randall. 2,327,317; Aug. 17.
- Attachment for lathes, Milling. M. L. Cripe. 2,324,561; July 20.
- Attachment for lathes, Planer and shaper. R. C. Palmer. 2,321,413; June 8.
- Attachment for lunch-boxes. A. G. Rivard. 2,321,703; June 15.
- Attachment for machine gun cradles. J. C. Trotter. 2,309,807; Feb. 2.
- Attachment for machine tools. E. P. Bullard, III. 2,320,887; Sept. 14.
- Attachment for machine tools, Relieving. E. A. Walker. 2,326,201-2; Dec. 7.
- Attachment for making puffed, shirred materials. C. Seaman. 2,328,927; Sept. 7.
- Attachment for milling machines. H. Norberg. 2,312,354; Mar. 2.
- Attachment for milling machines to facilitate precision manufacturing or duplication of articles or templates. C. D. Rieper. 2,310,373; Feb. 9.
- Attachment for packages, Dispensing. R. W. Merritt. 2,335,291; Nov. 30.
- Attachment for pencils and the like. S. E. Block. 2,323,302; July 6.
- Attachment for portable implements. H. E. Schroeder. 2,320,887; Jan. 13.
- Attachment for portable vacuum-type floor sweepers, Scrubbing. M. H. Terry. 2,333,829; Nov. 9.
- Attachment for preventing idle filling threads from entering cloth on multiple shuttle looms. J. F. Muheim. 2,336,118; Dec. 7.
- Attachment for printing presses. G. B. Sammons. 2,328,857; Sept. 21.
- Attachment for rakes. W. E. Bouton. 2,307,448; Jan. 6.
- Attachment for ribbon machines. L. A. Schmitt. 2,328,102; Aug. 31.
- Attachment for sewing machines. S. H. Boyer. 2,334,599; Nov. 16.
- Attachment for sewing machines, Workpiece guiding. W. P. Smith. 2,337,503; Dec. 21.
- Attachment for skis. G. L. Karlsson. 2,316,252; Apr. 13.
- Attachment for surface grinding machines, Clearance angle radius dressing. R. T. McQuillan. 2,328,826; Sept. 7.
- Attachment for thresher cylinders, Raking. A. B. Welty. 2,334,461; Nov. 16.
- Attachment for trowels, Snow and dirt moving. B. F. Arps. 2,307,655; Jan. 5.
- Attachment for universal dial indicators, Height gauge arm. C. W. Webster. 2,327,948; Aug. 24.
- Attachment for wrist watches. W. T. Cozart. 2,328,785; Sept. 7.
- Attachment, House-end service. H. L. Wickstrom. 2,336,144; Dec. 7.
- Attachment plug. N. Chirelstein. 2,333,152; Nov. 2.
- Attachment plug. E. A. Hignutt. 2,316,163; Apr. 13.
- Attachment plug. V. H. Tousley. 2,323,736; July 6.
- Attachment, Slack or cuttings removing. E. J. Doberstein. 2,335,921; Dec. 7.
- Attachment, Vehicle. P. E. Van der Kleff. 2,322,403; June 22.
- Attachment, Window shade. H. F. Snyder. 2,318,585; May 4.
- Attendance recorder punch. L. S. Harrison. 2,307,128; Jan. 5.
- Attenuator circuit. H. M. Lewis. 2,313,952; Mar. 16.
- Attrition product and making same. G. S. Redford. 2,325,893; Sept. 7.
- Audio amplifier response control. W. Hepp. 2,325,512; July 27.
- Audio band width control. H. Boucke. 2,320,558; June 1.
- Audiometer. M. Mages. 2,310,588; Feb. 9.
- Auger attachment for snowplows or the like. L. P. M. Gaylord. 2,320,723; June 1.
- Auger, Earth. H. S. Brown. 2,329,388; Sept. 14.
- Auto skid chain. I. B. Holtz. 2,328,808; Sept. 7.
- Autoclave. V. L. King, C. E. Mensing, and D. H. W. Felch. 2,312,217; Feb. 23.
- Autocondensation product of high molecular alkyl aryl ketones and producing it. E. Lieber. 2,307,891; Jan. 12.
- Autogovernor. G. A. Robbins. 2,319,264; May 18.
- Autographic register. A. W. Metzner. 2,331,336; Oct. 12.
- Automatic adhesive tape dispenser. A. A. Anderson. 2,326,915-16; Aug. 17.

- Automatic air vent valve. E. P. Zelnis. 2,314,963; Mar. 30.
- Automatic bag feeder. H. G. Allen. 2,332,187; Oct. 19.
- Automatic balancing device. R. A. Zobel. 2,331,756; Oct. 12.
- Automatic balancing of rotating bodies. J. E. Bevins and H. Konet. 2,322,561; June 22.
- Automatic box. S. Bergstein. 2,328,186; Aug. 31.
- Automatic chain tensioning device. R. Coulson. 2,337,591; Dec. 28.
- Automatic change-over device, Low pressure. T. A. St. Clair. 2,318,261; May 4.
- Automatic choke valve. L. E. Perrine. 2,325,918; Aug. 3.
- Automatic choke valve. L. E. Perrine. 2,334,438; Nov. 16.
- Automatic clutch. J. J. Kadic. 2,309,597; Jan. 26.
- Automatic clutch. H. K. Tix. 2,330,160; Sept. 21.
- Automatic coal stoking machine. J. O. Coffin. 2,319,795; Oct. 25.
- Automatic control apparatus. E. H. Hart. 2,324,579; July 20.
- Automatic control device. E. E. Osterman. 2,308,623; Jan. 19.
- Automatic control of tuning and band width. H. Boucke. 2,327,244; Aug. 17.
- Automatic control system for engines. W. J. Williams. 2,319,835; May 25.
- Automatic cutoff and swaging machine tool. H. E. VanNess and J. MacBlane. 2,326,106; Aug. 3.
- Automatic cutoff mechanism for rods and wire. C. J. Schliff. 2,333,823; Nov. 9.
- Automatic cutoff valve. S. T. Howard. 2,310,636; Feb. 9.
- Automatic declutching means. C. W. Bryant. 2,328,980; Aug. 31.
- Automatic die. R. R. Finn. 2,333,163; Nov. 2.
- Automatic die press. J. H. Murch. 2,311,682; Feb. 23.
- Automatic disconnect apparatus. H. B. Robinson. 2,320,051; May 25.
- Automatic draft controlling apparatus. C. B. Rivers. 2,333,953; Nov. 9.
- Automatic drain valve. E. Gustafson and W. L. Wilmes. 2,323,764; July 6.
- Automatic feeding device. B. E. Wolfe. 2,327,849; Aug. 24.
- Automatic gain control. F. J. Faltico. 2,323,211; June 29.
- Automatic gate. E. A. Bruce and J. A. Boone. 2,308,642; Jan. 19.
- Automatic hose coupling. P. C. Key. 2,319,329; May 18.
- Automatic immersion apparatus. E. C. Weiskopf. 2,324,122; July 13.
- Automatic knocker for fertilizer mixers. H. A. Cole. 2,322,189; June 15.
- Automatic latch. L. F. Harza. 2,324,699; July 20.
- Automatic length-selecting cutoff saw. E. C. Mead and E. A. Ferris. 2,332,654; Oct. 26.
- Automatic lock slider for slide fasteners. A. E. Carille. 2,322,826; June 29.
- Automatic loom. C. D. Brown. 2,318,743; May 11.
- Automatic machine. M. Birkigt. 2,336,216; Dec. 7.
- Automatic machine speed control mechanism. H. J. Byrne. 2,321,455; June 8.
- Automatic marine hitch. C. T. Marthey. 2,320,948; June 1.
- Automatic means for controlling sliding members. J. P. O'Connor. 2,324,799; July 20.
- Automatic measuring apparatus. E. D. and P. M. Washburn. 2,320,767; June 1.
- Automatic mechanism for draining water from tanks or the like. R. C. Churchman and F. R. Johnston. 2,330,027; Sept. 21.
- Automatic meter-reading apparatus. W. Leathers. 2,314,719-20; Mar. 23.
- Automatic miniature enlarger. C. E. Young Berg. 2,327,086; Aug. 17.
- Automatic mold filling device. H. Schmidberger. 2,332,938; Oct. 26.
- Automatic parking meter. F. L. Michaels. 2,329,926; Sept. 21.
- Automatic poultry feeder. L. Smith. 2,314,109; Mar. 16.
- Automatic printing metering system. T. G. Le Clair. 2,313,752; Mar. 16.
- Automatic proportioning and dispensing apparatus for bulk materials. W. E. Saxe. 2,336,130; Dec. 7.
- Automatic pulsator for milking machines. C. H. Hapgood. 2,313,822; Mar. 16.
- Automatic questionnaire. T. L. Dowe and C. A. Lovell. 2,326,204; Aug. 10.
- Automatic railroad crossing signal. O. Kitchen. 2,319,137; May 11.
- Automatic reclosing circuit breaker equipment. H. Bany. 2,336,836; Dec. 14.
- Automatic record changing apparatus. A. L. Knox and F. Kahn. 2,332,650; Oct. 26.
- Automatic reverse for tapping machines. L. L. Schauer. 2,323,488; July 6.
- Automatic safety rail clamp. F. F. Zavatky. 2,327,325; Aug. 17.
- Automatic shutoff valve. M. McMahon. 2,327,055; Aug. 17.
- Automatic slide projector. H. B. Brose. 2,320,910; June 1.
- Automatic speed indicator. A. A. Culpepper. 2,332,699; Oct. 26.
- Automatic start-stop welding generator. T. W. Winsor. 2,328,596; Sept. 7.
- Automatic starting gate. M. E. Macksoud. 2,319,420; May 18.
- Automatic steering. G. M. Rassweiler and R. N. Frawley. 2,319,435; May 18.
- Automatic steering apparatus. N. T. Sawdey. 2,324,882; July 20.
- Automatic steering control system. H. F. Parker. 2,328,670; Sept. 7.
- Automatic steering gear. B. Chance. 2,337,589; Dec. 28.
- Automatic stocking means for bar machines. A. H. Jobert. 2,320,039; May 25.
- Automatic tank destroyer. G. L. Archer. 2,320,903; June 1.
- Automatic timing device. H. A. Wagner. 2,322,899; June 29.
- Automatic tone control circuit. M. G. Crosby. 2,332,782; Oct. 26.
- Automatic trailer brake. J. R. Gill and W. Solon. 2,320,585; June 1.
- Automatic transmission. C. W. Lanphere. 2,328,813; Sept. 7.
- Automatic tube cutoff. D. A. Johnston. 2,326,463; Aug. 10.
- Automatic valve. D. E. Montgomery. 2,322,304; June 22.
- Automatic vehicle brake. M. K. Murphy. 2,308,822; Jan. 19.
- Automatic vending machine. M. J. Margulis. 2,321,402; June 8.
- Automatic weighing machine. J. P. Clifford. 2,332,438; Oct. 19.
- Automatic weighing machine. A. B. Gibson. 2,310,689; Feb. 9.
- Automatic weighing machine. J. D. Merrifield. 2,314,654; Mar. 23.
- Automatic weighing mechanism. T. B. Flanagan and R. T. Pounds. 2,323,023; June 29.
- Automatically controlled heater. H. J. De N. McCollum. 2,337,484; Dec. 21.
- Automatically starting and stopping gas engines. J. A. Numero and F. M. Jones. 2,337,164; Dec. 21.
- Automated accounting medium. G. L. Whitehead. 2,322,678; June 22.
- Automobile. J. Haltenberger. 2,335,058; Nov. 23.
- Automobile accessory. J. Fischer. 2,322,798; June 29.
- Automobile accessory. A. A. Johnson. 2,311,395; Feb. 16.
- Automobile accessory. A. A. Sherer. 2,321,528; June 8.
- Automobile accessory seat. C. H. Smith. 2,308,315; Jan. 12.
- Automobile air conditioning device. H. J. Findley. 2,332,707; Oct. 26.
- Automobile air conditioning system. I. C. McKechnie. 2,311,953; Feb. 23.
- Automobile body construction. H. D. Geyer. 2,312,812; Mar. 2.
- Automobile body construction. R. E. Marine. 2,326,789; Aug. 17.
- Automobile body parts and the like, Making. A. E. Gessler, L. S. Engle, and C. J. Rolle. 2,331,546; Oct. 5.
- Automobile direction indicator. G. Kryl. 2,310,793; Feb. 9.
- Automobile door lock. S. C. Barnes. 2,336,211; Dec. 7.
- Automobile door lock. A. S. Thompson. 2,317,699; Apr. 27.
- Automobile, especially running gear for same. J. Ledwinka. 2,329,545; Sept. 14.
- Automobile frame. D. W. Sherman. 2,311,880; Feb. 23.
- Automobile frame. J. F. Sladky and F. F. Kishline. 2,335,546; Nov. 30.
- Automobile heater. H. J. Findley. 2,334,915; Nov. 23.
- Automobile heater. H. J. De N. McCollum. 2,315,636; Apr. 6.
- Automobile heater. H. J. De N. McCollum. 2,332,094; Oct. 19.
- Automobile heater. W. G. Mitchell and A. P. Hultgren. 2,310,453; Feb. 9.
- Automobile jack. C. Donges. 2,310,942; Feb. 16.
- Automobile jack. J. E. Hines. 2,316,430; Apr. 13.
- Automobile jack. M. Jensen. 2,321,602; June 15.
- Automobile license plate. W. H. Ritchie. 2,326,566; Aug. 10.
- Automobile radio antenna. A. T. Mace and K. C. Burcar. 2,312,107; Feb. 23.
- Automobile safety device. M. Berzer. 2,335,256; Nov. 30.
- Automobile service tray. P. M. Olman. 2,314,550; Mar. 23.
- Automobile signal. H. G. Clifton. 2,313,222; Mar. 9.
- Automobile signal. W. Rudolph. 2,335,158; Nov. 23.
- Automobile tire. E. F. Widin. 2,329,964; Sept. 21.
- Automobile tire force pump. O. J. Allison. 2,310,565; Feb. 9.
- Automobile top construction. J. Falcon. 2,322,839; June 29.
- Automobile tow bar. W. G. Schneider and C. Armantrout. 2,319,521; May 18.
- Automobile trunk lock. W. R. Lustig. 2,324,264; July 13.

- Automobile wheel lock. H. S. Jandus. 2,315,963; Apr. 6.
 Automotive accessory. H. J. Sauer. 2,321,861; June 15.
 Automotive brake. S. G. Tilden. 2,333,453; Nov. 2.
 Automotive suspension. N. E. Wahlberg. R. H. Phelps, and W. S. Berry. 2,325,894; Aug. 3.
 Automotive vehicle. L. S. Ash. 2,317,972; May 4.
 Automotive vehicle. L. J. J.-B. Chêneau. 2,316,223; Apr. 18.
 Autopersphere. D. V. Shubart. 2,326,400; Aug. 10.
 Auxiliary air admission valve. J. R. Hall. 2,331,393; Oct. 12.
 Auxiliary brake operator for vehicles. W. N. Andrews. 2,322,490; June 22.
 Auxiliary devices for internal combustion engines. Arrangement of. A. Friedrich and O. Goppel. 2,319,314; May 18.
 Auxiliary governor control. E. Martin. 2,319,552; May 18.
 Auxiliary handle. E. J. Mason. 2,319,147; May 11.
 Auxiliary traction wheel. T. G. Schmeiser. 2,311,475; Feb. 16.
 Auxiliary wheel. M. N. Redman. 2,336,959; Dec. 14.
 Average rate of intermittent operations. Indicating. C. P. Xenis, W. Perline, and R. E. King. 2,222,758; Nov. 9.
 Averaging device for measuring instruments. P. G. Holt. 2,327,045; Dec. 21.
 Aviation ground training machine. J. H. Geisse. 2,323,322; July 6.
 Awning. T. B. Thurman. 2,327,785; Dec. 28.
 Awning belt center support. H. C. Heiser. 2,326,642; Aug. 10.
 Awning ferrule. H. M. Dix. 2,335,920; Dec. 7.
 Awning hanger. L. E. Jefferson. 2,314,354; Mar. 23.
 Awning structure. S. A. Agree. 2,327,014; Aug. 24.
 Awning, Ventilated metal. G. A. Houseman. 2,307,272; Jan. 5.
 Ax. F. C. Greene. 2,325,768; Aug. 3.
 Ax. Folding. R. J. Steiner. 2,329,424; Sept. 14.
 Axial ball or roller bearings. G. W. Fernström. 2,327,880; Aug. 24.
 Axial blower. H. Pfenninger. 2,310,452; Apr. 13.
 Axial flow compressor plant. A. Baumann. 2,322,338; June 22.
 Axle assembly. E. H. Piron. 2,335,080; Nov. 23.
 Axle construction. L. R. Buckendale. 2,309,162; Jan. 26.
 Axle for motor vehicles, Rigid rear. C. Borgward. 2,323,007; July 29.
 Axle. Multispeed drive. L. R. Buckendale. 2,326,751-5; Aug. 17.
 Axle puller. H. C. Christian. 2,310,615; Feb. 9.
 Axle, Steering drive. H. W. Alden. 2,333,911; Nov. 9.
 Axle suspension, Tandem. A. F. Hickman. 2,333,650; Nov. 9.
 Axle trailer. F. W. Burger. 2,329,099; Sept. 7.
 Axle. Two-speed. D. D. Ormsby. 2,312,263; Feb. 23.
 Axles, Making tubular. D. E. Babcock. 2,313,116; Mar. 9.
 Axminster loom. J. N. Dow. 2,335,492; Nov. 30.
 Axminster loom tube frame. S. S. Garrity. 2,314,139; Mar. 16.
 Axminster looms. Nose board for. E. J. Dacey. 2,324,564; July 20.
 Azobenzene sulphinate. Preparation of. H. F. Lewis and I. A. Pearl. 2,337,256; Dec. 21.
 Azocyclic compound. G. W. Rigby. 2,333,193; Nov. 2.
 Azo compounds. W. S. Jones and W. Braker. 2,309,118; Jan. 26.
 Azo compounds. Acridinium. F. Proescher and V. M. Sychoff. 2,318,968; May 11.
 Azo compounds and coloring. J. G. McNally and J. B. Dickey. 2,309,129; Jan. 26.
 Azo compounds and material colored therewith. J. B. Dickey. 2,311,033; Feb. 16.
 Azo compounds and material colored therewith. J. B. Dickey. 2,322,925; June 29.
 Azo compounds and material colored therewith. J. B. Dickey and J. G. McNally. 2,317,365; Apr. 27.
 Azo compounds and material colored therewith. J. B. Dickey and J. G. McNally. 2,323,314-15; July 6.
 Azo compounds and material colored therewith. J. G. McNally and J. B. Dickey. 2,328,570; Sept. 7.
 Azo dye compounds. J. B. Dickey and W. H. Strain. 2,319,211; July 18.
 Azo dye compounds. J. G. McNally and J. B. Dickey. 2,336,275; Dec. 7.
 Azo dyestuff intermediates. N. M. Mackenzie. 2,332,388; Oct. 19.
 Azo dyestuffs and fiber dyed therewith. Water insoluble. N. Steiger and F. Haarde. 2,331,812; Oct. 12.
 Azo dyestuffs and process for coloring therewith. B. v. Bock, H. Ufer, and H. Kleiner. 2,314,440; Mar. 23.
 Azo dyestuffs, Manufacture and use of. H. C. Olpin and E. Stanley. 2,330,908; Oct. 5.
 Azo pigments and producing. W. B. Reynolds. 2,335,537-8; Nov. 30.
 Baby carriage. Foldable. L. Gottfried. 2,322,931; June 22.
 Baby feeding device. E. Montano. 2,328,354; Aug. 31.
 Baby jumper. H. W. Anderson. 2,332,835; Oct. 26.
 Baby walker. W. H. Reinholz. 2,308,626; Jan. 19.
 Baby's high chair, Collapsible. A. Ellner. 2,318,475; May 4.
 Back, Chair. M. Greitzer. 2,333,311; Nov. 2.
 Backflow in plumbing systems. Preventing. J. T. and R. L. Lohman. 2,310,586; Feb. 9.
 Backflow preventer. J. N. Horner. 2,324,084; July 13.
 Back for benches, Portable. D. P. Figgins. 2,321,570; July 20.
 Back gauge for shears. F. E. Munschauer. 2,310,182; Feb. 2.
 Backlash prevention device. E. W. McKinney. 2,311,677; Feb. 23.
 Back lash take-up. D. F. Linsley. 2,315,343; Mar. 30.
 Backlash take-up for cross feed screw and taper attachment. M. P. Holmes. 2,325,678; Aug. 3.
 Backing for photographic film. Antihalation. G. F. Nadeau and A. D. Slack. 2,319,080; May 11.
 Bactericide and making the same. O. O. Cook and C. E. Watson. 2,317,670; Apr. 27.
 Battle. F. D. Berkeley and E. A. Bertram. 2,335,479; Nov. 30.
 Battle assembly for air circulators. E. O. Wehmeyer. 2,331,063; Oct. 5.
 Bag. See—
 Boxlike bag. Luggage bag.
 Cephalic bag. Multiply siftproof bag.
 Conditioning bag. Paper bag.
 Ekereta bag. Rebreathing bag.
 Fish bag. Reinforced bag.
 Garment bag. Shopping bag.
 Garment storage bag. Sleeping bag.
 Golf bag. Suction cleaner dirt bag.
 Hand luggage bag. Tea bag.
 Hermetically sealed bag. Tire vulcanizing bag.
 Ice bag. Udder bag.
 Individual service tea bag. Urinal bag.
 Laid's knitting and shopping bag. Utility bag.
 Laundry bag. Vacuum cleaner dust bag.
 Bag. S. D. Andrew. 2,336,584; Dec. 14.
 Bag. T. M. Avery. 2,312,280; Feb. 23.
 Bag. S. P. and E. W. Cerf. 2,331,536; Oct. 12.
 Bag. O. W. Claspill and W. Widiger. 2,312,281; Feb. 23.
 Bag. P. C. Myers. 2,332,808; Oct. 26.
 Bag and outer garment. Container. M. A. Byrd. 2,317,176; Apr. 20.
 Bag and the like, Paper. J. D. Erreborde. 2,333,773; Nov. 9.
 Bag catheter, Distensible. G. L. Winder. 2,330,399; Sept. 28.
 Bag catheters and the like, Making distensible. G. L. Winder. 2,330,400; Sept. 28.
 Bag clamp. C. E. Anderson. 2,310,827; Feb. 9.
 Bag, composite material and making. E. D. Greene. 2,314,876; Mar. 30.
 Bag feeding mechanism. E. E. West. 2,316,922; Apr. 20.
 Bag filling and weighing machine, Automatic. G. W. Talbot. 2,317,865; Apr. 27.
 Bag filling apparatus. A. C. Hobbie. 2,322,090; June 15.
 Bag filling apparatus. J. J. Neuman. 2,334,120; Nov. 9.
 Bag filling apparatus with hand discharge. W. R. Peterson. 2,328,165; Aug. 31.
 Bag for clothebins and garment hangers. M. Dalloz. 2,320,415; June 1.
 Bag holder. C. Larson. 2,313,077; Mar. 9.
 Bag holder. J. J. Neuman. 2,332,002; Oct. 19.
 Bag holder. J. A. Novatka. 2,328,739; Sept. 7.
 Bag holding device. J. J. Lammle. 2,314,410; Mar. 23.
 Bag loading or filling device. R. W. E. Nash. 2,317,292; Apr. 20.
 Bag making and label inserting machine and method. B. C. Golden. 2,313,433; Mar. 9.
 Bag making machine. E. E. Burroughs. 2,324,358; July 13.
 Bag making machine. J. Hohl, O. Bierling, E. E. Lakso, and C. W. Vogt. 2,324,393; July 13.
 Bagmaking machine. A. Potdevin. 2,312,729; Mar. 2.
 Bag making machine. A. Potdevin. 2,333,410; Nov. 2.
 Bag making machine and method. R. J. Gaubert. Re. 2,292; Mar. 23.
 Bag opening, shaping, and filling device. H. F. Briggs. 2,307,990; Jan. 12.
 Bag or similar article, Blood pressure. G. L. Winder. 2,335,204; Nov. 23.
 Bag sprayer mechanism. P. A. Raiche. 2,334,841; Nov. 23.
 Bags, Cleaning. M. A. Eiben. 2,333,713; Nov. 9.
 Baggage check. A. H. Sweet, Jr. 2,328,691-2; Sept. 7.
 Bags, Method and apparatus for producing. S. R. Howard. 2,330,361; Sept. 28.
 Bags, Method of and apparatus for closing. G. B. First. 2,309,760; Feb. 2.
 Bags, Method of and apparatus for making. L. B. Eaton. 2,334,256; Nov. 16.
 Bailer, Dumping. R. M. Dempsey. 2,322,425; June 22.
 Bailer, Sand. M. F. Rogers and L. T. Mann. 2,331,631; Oct. 12.
 Bailer, Well. F. H. Eckert. 2,333,305; Nov. 2.
 Bait, Artificial. J. R. Jackson, Sr. 2,333,425; Nov. 2.
 Bait, Artificial. A. B. Schueller. 2,333,590; Nov. 2.
 Bait, Artificial. M. P. Janisch. 2,319,686; May 18.
 Bait carrier. W. D. Powell. 2,309,534; Jan. 26.
 Bait casting lure, Artificial. S. Piro, Jr. 2,312,585; Mar. 2.
 Bait container. A. E. Norling. 2,328,993; Sept. 7.

- Bait-holding attachment for fishhooks. T. O. Martin. 2,319,246; May 18.
- Bait, Spoon. J. Heddon. 2,311,985; Feb. 23.
- Baked goods, Manufacture of. J. Freilich and C. N. Frey. 2,326,134; Aug. 10.
- Baking utensil coating material. R. Wassermann. 2,309,488; Jan. 26.
- Balance tester, Vehicle wheel. U. A. Inman. 2,322,939; June 29.
- Balanced brush for electric motors. W. L. Hansen and I. N. Hurst. 2,312,900; Mar. 2.
- Balanced control surface. G. S. Schairer. 2,331,047; Oct. 5.
- Balanced interrupter circuit. H. J. Brown. 2,327,576; Aug. 24.
- Balanced interrupter system. H. J. Brown. 2,327,577; Aug. 24.
- Balanced valve. W. J. Hughes. 2,307,273; Jan. 5.
- Balancing machine. D. K. Pope. 2,314,287; Mar. 16.
- Balancing machine attachment. E. I. Wenger. 2,336,429; Dec. 7.
- Balancing machine, Dynamic. R. C. Marsh. 2,325,144; July 27.
- Balancing machine with fixed journals. L. F. Hope and T. C. Van Degrift, and P. Huber. 2,329,835; Sept. 21.
- Balancing rotating element. C. F. Saltz. 2,327,606-9; Aug. 24.
- Balancing signals, Generating. A. Zeitlin. 2,322,498; June 22.
- Bale grouper. A. C. James. 2,316,435; Apr. 13.
- Bale loading machine. W. O. Sprinkle. 2,325,433; July 27.
- Baled hay separator. E. E. Higginbotham. 2,324,159; July 13.
- Baler, Combline. S. Russell. 2,327,067; Aug. 17.
- Baler, Bay. C. H. Smith. 2,316,722; Apr. 13.
- Baler, Paper. T. E. Wykes. 2,330,165; Sept. 21.
- Baler, Pick-up. C. F. Crumb, R. R. Rane, and L. E. Smith. 2,337,739; Dec. 28.
- Baler, Rotary. U. F. Luebben. 2,336,491; Dec. 14.
- Baling machine. R. E. Wallace. 2,331,818; Oct. 12.
- Baling press. J. Z. Martin. 2,318,407; May 4.
- Ball. J. H. Grady. 2,325,128; July 27.
- Ball and making same, Inflated. J. T. Riddell. 2,317,939; Apr. 27.
- Ball and socket connector. R. I. Geiger. 2,309,307; Jan. 26.
- Ball and socket joint. R. L. Haver. 2,329,369; Sept. 14.
- Ball and socket unit. R. G. Letourneau. 2,308,613; Jan. 19.
- Ball bearing. R. Annen. 2,333,970; Nov. 9.
- Ball-bearing annulus and making it. W. E. Smith. 2,315,357; Mar. 30.
- Ball-bearing injector. S. E. Rees, H. E. Radack, J. F. Olsen, and C. H. Elliott. 2,311,251; Feb. 16.
- Ball bearing of the combined journal and thrust type. E. B. Angold. 2,329,973; Sept. 21.
- Ball cock and silencer, Antisiphon. L. E. Criss and J. C. Owens. 2,329,337; Sept. 14.
- Ball cock construction. W. J. Buford. 2,309,235; Jan. 26.
- Ball finishing device. A. L. Sobm. 2,321,162; June 8.
- Ball, Golf. L. A. Young. 2,307,182; Jan. 5.
- Ball grip, Bowling. J. H. Akin. 2,314,811; Mar. 23.
- Ball-molding machine. W. C. Hodge. 2,308,448; Jan. 26.
- Ball reprojector. M. A. Kellermann and D. W. Price. 2,325,858; Aug. 3.
- Ball reprojector. P. La Rock. 2,318,169; May 4.
- Ball, Tank. J. J. O'Hare. 2,319,256; May 18.
- Balling machine and belt, Mass. E. W. Bridge. 2,327,245; Aug. 17.
- Balls, Making. J. Jelinek. 2,313,876; Mar. 16.
- Balls, Making coreless golf. D. G. Slovin. 2,319,163; May 11.
- Balls, Making float. A. D. Yablin. 2,327,299; Aug. 17.
- Balls, Making golf. P. Kalowski. 2,322,140; June 15.
- Balls, Making playing. L. A. Young. 2,314,964; Mar. 30.
- Ballast device for ice cubes. H. E. Linden. 2,334,941; Nov. 23.
- Ballast working apparatus. I. N. Eustis and I. Sublett. 2,336,079; Dec. 7.
- Balustrade. E. D. Sawyer. 2,337,626; Dec. 28.
- Band construction for firearms, Front. D. M. Williams. 2,323,954; July 13.
- Band cutter. R. W. Allen and S. V. Carlsen. 2,325,002; July 20.
- Band filter. J. Schwartz. 2,318,531; May 4.
- Band, Garter and fabric. H. M. Herbener. 2,316,958; Apr. 20.
- Band saw. G. Olson. 2,336,030; Dec. 7.
- Band saw package. R. J. Wilkie. 2,310,140; Feb. 2.
- Band snapper for corn husking machines. W. W. P. Stelter. 2,317,822; Apr. 27.
- Band tightening and sealing tool. B. L. Watt and C. F. Osgood, Jr. 2,324,609; July 20.
- Band tightening device. G. L. McKee. 2,334,637; Nov. 16.
- Band width control. D. E. Foster and G. Mountjoy. 2,335,496; Nov. 30.
- Bandage. L. Hochman. 2,326,997; Aug. 17.
- Bandage. D. A. Holbrooke. 2,310,082; Feb. 2.
- Bandage and making same. W. D. Young. 2,337,011; Dec. 14.
- Bandage apparatus. W. W. Simpson. 2,319,639; May 18.
- Bandage, Catamenial. J. E. Glchrist. 2,331,271; Oct. 5.
- Bandage, Plaster. G. E. Hardy. 2,315,484; Apr. 6.
- Bandage, Surgical. L. M. Pegg. 2,310,864; Feb. 9.
- Bandage tails, Forming. W. D. Young. 2,336,051; Dec. 7.
- Banding machine. L. R. Newton. 2,311,610; Feb. 16.
- Banding machine. R. Walz and H. A. Stone. 2,307,976; Jan. 12.
- Banding tool. C. T. Fisher. 2,336,080; Dec. 7.
- Bandeau. H. Rasch. 2,328,673; Sept. 7.
- Bank check cover. S. B. Klahn. 2,332,728; Oct. 26.
- Bank, Coin. W. Englert. 2,330,478; Sept. 28.
- Bank, Portable novelty. H. Hockey and R. Breen. 2,323,221; June 29.
- Bank, Time controlled. V. Rainer. 2,307,166; Jan. 5.
- Bar.
Adjustable boring bar. Harvester cutter bar.
Automobile tow bar. Nigger bar.
Bucking bar. Piling bar.
Chassis truss bar. Reinforcing bar.
Cocktail bar. Sickle bar.
Collar bar. Sine bar.
Cutter and reverse bar. Thread carrier bar.
Double parallel spray bar. Tie bar.
Draw bar.
Bar for concrete structures, Reinforcing. G. G. Greulich. 2,317,454; Apr. 27.
Bar for sintering machines, Grate. W. H. Moriarty. 2,322,873; June 29.
Bar for trailers, Tow. C. R. Shuey. 2,307,472; Jan. 5.
Bar, Grizzly. L. G. Symons. 2,321,166; June 8.
Bar hanger. C. J. Smith. 2,313,594; Mar. 9.
Bar hanger and receptacle fastening means, Adjustable. E. B. Atkinson. 2,316,389; Apr. 13.
Bar screen cleaning mechanism. C. H. Scott. 2,335,573; Nov. 30.
Bar sections from metal scrap, Producing. A. Paterson. 2,333,271; Nov. 30.
Bar stock mechanism for automatic metalworking machines, Breech loading. E. S. Barlotte. 2,327,916; Aug. 24.
Bar-stock rack. C. W. Attwood. 2,327,587; Aug. 24.
Barbwire, Reverse twist. H. A. Nelson. 2,310,668; Feb. 9.
Barbituric compounds and preparing these compounds, 5-ethyl-phenyl. H. R. Henze. 2,314,537; Mar. 23.
Barge. W. P. Bulkley and J. E. Gough. 2,308,743; Jan. 19.
Barge, Floating drilling. W. St. M. E. Crake. 2,334,992; Nov. 23.
Barge loading and unloading apparatus. G. E. Brandon. 2,322,504; June 22.
Barge, Submersible. J. D. MacKnight. 2,327,118; Aug. 17.
Barium carbonate, Manufacture of. I. E. Weber and W. S. Wood. 2,315,472; Mar. 30.
Barium sulphate pigments and preparing them. L. Balassa. 2,328,250; Aug. 31.
Bark from trees, Removal of. A. R. White. 2,324,968; July 20.
Bark stripping machine. R. L. Stephens. 2,336,375; Dec. 7.
Barometer. A. T. Newell. 2,311,900; Feb. 23.
Barometer, Aneroid. K. R. Schwenn. 2,325,282; July 27.
Barometer, Mercurial. J. B. Peterson. 2,326,797; Aug. 17.
Barometric device. E. J. Martin and R. H. Dietz. 2,316,009; Apr. 6.
Barometric regulator. M. W. Crew. 2,330,956; Oct. 5.
Barometric regulator. M. W. Crew and J. W. Meyer. 2,310,678; Feb. 9.
Barrel engine. A. H. Neuland. 2,332,105; Oct. 19.
Barrel head, Double bead. W. H. Veeman. 2,310,885; Feb. 9.
Barrel head for tumbling mills. J. Lapshansky. 2,334,334; Nov. 16.
Barrel lifting means. L. L. Babcock and J. O. Bishop. 2,327,005; Aug. 17.
Barrel, Plywood. C. B. Arnold. 2,313,309; Mar. 9.
Barrel rack. R. J. Hick. 2,321,814; June 15.
Barrel, Tumbling. E. O. Hamren. 2,328,553; Sept. 7.
Barrel, Wireline core. J. C. Stokes. 2,330,157; Sept. 21.
Barrel, Wadon aging. F. M. Shipman. 2,315,742; Apr. 6.
Barrette. R. McFadden. 2,317,930; Apr. 27.
Barrette, Flower holding. I. S. Taffae. 2,337,782; Dec. 28.
Barricade. E. D. Sawyer. 2,337,277; Dec. 21.
Barrier. E. E. Hoover. 2,336,483; Dec. 14.
Barrier for anti-tank and like purposes. W. J. May. 2,325,260; July 27.
Barrier for vehicles, Transparent. I. E. Muskat, M. A. Pollack, F. Strain, and W. A. Franta. 2,322,310; June 22.
Barrier release. C. H. McMillan. 2,323,150; June 29.
Barrier, Starting. R. M. Hite. 2,322,936; June 29.
Base and socket. N. R. Smith. 2,319,564; May 18.
Base and wall construction, Plaster. H. H. Eades. 2,321,373; June 8.
Base exchange material and the preparation thereof. O. M. Urbain and W. M. Stemen. 2,309,363; Jan. 26.

- Base fitting for interior walls. R. E. Sluyter and C. F. Maltby. 2,307,338; Jan. 5.
- Base for electric lamps and similar devices. R. S. Dieck. 2,326,336; Aug. 10.
- Base for electric lamps and similar devices and manufacture. J. J. Malloy. 2,336,556; Dec. 14.
- Base for electric lamps and the like. P. O. Cartum. 2,336,529; Dec. 14.
- Base for electric scissors. Supporting. W. M. Collins. 2,324,364; July 13.
- Base structure for electrical devices. P. J. Johnson. 2,334,631; Mar. 16.
- Bases. Manufacture of tertiary. N. W. Cusa. 2,321,467; June 8.
- Basic lead sulphate. Treating. W. J. Clapson. 2,315,188; Mar. 30.
- Basin unit. L. Andersen. 2,326,914; Aug. 17.
- Basket and cover. Fruit and vegetable. R. W. Davis and F. H. Leonard. 2,328,427; Aug. 31.
- Basket. Bicycle. W. G. Lyman. 2,327,537; Aug. 24.
- Basket. Burner. R. E. Plummer. 2,319,628; May 18.
- Basket. Collapsible. M. E. Britain. 2,321,005; June 8.
- Basket. Collapsible display. H. Polay. 2,322,256; Oct. 19.
- Basket handle. R. C. O'Bryan. 2,332,744; Oct. 26.
- Basket manufacture. S. H. Hunt. 2,315,427; Mar. 30.
- Basket or similar receptacle. Bicycle. W. G. Lyman. 2,331,211; Oct. 5.
- Bat. Table tennis. E. J. Timmerman. 2,328,366; Aug. 31.
- Batch charger. B. Noble. 2,310,592; Feb. 9.
- Batch charging apparatus for concrete mixers. C. I. Longenecker. 2,314,647; Mar. 23.
- Bath and method of testing. Leak testing. J. D. Coleman. 2,316,842; Apr. 20.
- Bath for color photography and using the same. Reducing. E. Meschter. 2,310,980; Feb. 16.
- Bath liquid. spray, or the like. Producing a. F. W. Willis and A. Simpson. 2,318,826; May 11.
- Bath. Palladium plating. E. M. Wise and R. F. Vines. 2,335,821; Nov. 30.
- Bathroom accessory. A. Wallace. 2,320,568; Sept. 14.
- Bathroom fixture and the like. G. A. Hallenscheid. 2,315,955; Apr. 6.
- Bath. Salt. J. S. Strelcher. 2,328,932-3; Sept. 7.
- Bath. Simultaneous bleaching and fixing. R. V. Young and M. W. Seymour. 2,322,084; June 15.
- Bath. Sitz. H. Setzler. 2,328,235; Aug. 31.
- Bath. Treatment. E. Götte. 2,310,074; Feb. 2.
- Bath tub connection. A. E. Plante. 2,333,491; Nov. 2.
- Bath tub protector. R. E. Henry. 2,319,603; May 18.
- Bath tub structure. A. J. Hunting. 2,314,044; Mar. 16.
- Bath tub with contained shower curtain. S. E. Dalton, Jr. 2,313,421; Mar. 9.
- Bathing apparatus. Convertible. M. H. Bloomberg. 2,229,326; Sept. 14.
- Bathing suits and trunks and other athletic suits, trousers and trunks. J. T. Rakauskas. 2,323,842; July 6.
- Bathing trunks. F. Fishbein. 2,335,658; Nov. 30.
- Bathymetograph. A. F. Spilhaus. 2,331,810; Oct. 12.
- Batter mixer. T. Seybert. 2,318,534; May 4.
- Battery. B. N. Adams. 2,322,210; June 22.
- Battery. C. P. Deibel and L. A. Gray. 2,336,229; Dec. 7.
- Battery. E. Salathé and M. C. Farrell. 2,329,856; Sept. 21.
- Battery and cover retaining means for electric hand lanterns. Combined. W. W. Moxley. 2,315,726; Apr. 6.
- Battery cases and the like. Preparing storage. E. R. Dillehay. 2,311,524; Feb. 16.
- Battery charger. J. C. Knight. 2,310,700; Feb. 9.
- Battery charging control device. L. W. Thompson. 2,332,951; Oct. 26.
- Battery charging equipment. E. A. Richards. 2,311,574; Feb. 16.
- Battery charging system. W. L. Carlson. 2,314,687; Mar. 23.
- Battery-charging system. I. R. Smith. 2,333,617; Nov. 2.
- Battery clamp. E. G. Johnson. 2,314,219; Mar. 16.
- Battery. Coke oven. H. Koppers. 2,311,114; Feb. 16.
- Battery. Coke oven. O. M. Twilt. 2,309,028; Jan. 19.
- Battery control. Thermostatic storage. F. S. Callender. 2,310,514; Feb. 9.
- Battery. Dry cell. C. P. Deibel. 2,307,763; Jan. 12.
- Battery. Dry cell. C. P. Deibel and L. A. Gray. 2,307,764; Jan. 12.
- Battery. Electric storage. C. Ambruster. 2,324,185; July 13.
- Battery. Electric storage. L. E. Lighton. 2,333,072; Oct. 26.
- Battery hold-down. H. E. Meyer. 2,326,481; Aug. 10.
- Battery holder. M. C. Phillips. 2,328,095; Aug. 31.
- Battery houses. Ventilating poultry and the like. E. H. Corey. 2,335,173; Nov. 23.
- Battery. Lead storage. H. Haebler. 2,317,759; Apr. 27.
- Battery protection and indicating system. P. Pollack. 2,324,424; July 13.
- Battery separator. E. Fairclough. 2,314,203; Mar. 16.
- Battery separator and making. H. G. Powning. 2,307,299; Jan. 5.
- Battery separators. Making storage. R. A. Rothermel. 2,314,053; Mar. 16.
- Battery. Storage. J. H. Bushman. 2,318,371; May 4.
- Battery. Storage. J. R. Hill. 2,326,537; Aug. 10.
- Battery terminal. C. B. Powledge. 2,322,388; June 22.
- Battery terminal clamp. C. R. Cline. 2,315,399; Mar. 30.
- Battery terminal protective device. C. Helm. 2,324,082; July 13.
- Battery tool. G. F. Colley. 2,314,126; Mar. 16.
- Battery unit, "A" and "B". J. R. Cubert. 2,308,270; Jan. 12.
- Battery unit. Dry cell. C. P. Deibel. 2,307,761; Jan. 12.
- Battery unit. Dry cell. C. P. Deibel. 2,307,765-70; Jan. 12.
- Battery units. Forming and assembling dry cell. C. P. Deibel. 2,307,762; Jan. 12.
- Batts, blankets, blocks, and the like. Continuously making. D. C. Drill. 2,307,117; Jan. 5.
- Benxite to improve the odor of petrolatum. Use of. H. J. Heupsey. 2,320,223; May 25.
- Bayonet. M. M. Johnson, Jr. 2,333,379; Nov. 2.
- Bayonet. Retractable. C. D. Spagnolo. 2,330,637; Sept. 28.
- Beacon and landing gear controlled throttle engine. Marker. C. J. Crane and R. K. Stout. 2,321,582; June 15.
- Beacon. Directional radio. C.-E. Granqvist. 2,337,324; Dec. 21.
- Beacon light. A. Kost. 2,332,383; Oct. 19.
- Beacon. Ultra short wave. A. Alford. 2,307,184; Jan. 5.
- Bead forming and printing device. Y. H. Kurkjian. 2,314,716; Mar. 23.
- Bead stringer. J. T. Farrington. 2,314,927; Mar. 30.
- Bead stringing. G. T. Kaneb. 2,322,730; June 22.
- Beading. Method of and apparatus for producing glass. R. H. Potters. 2,334,578; Nov. 16.
- Beads. Producing. L. G. Arpin. Re. 2,335,821; Aug. 3.
- Beam connecting unit. S. D. Szego. 2,313,280; Mar. 9.
- Beam. Loading. A. H. Lathrop. 2,334,335-6; Nov. 16.
- Beam. Railway brake. E. G. Busse and J. H. Keller. 2,329,247; Sept. 14.
- Beam orienting device. C. E. Kerr. 2,333,576; Nov. 2.
- Beam puller and hoe. Combination. I. L. Church. 2,330,679; Sept. 28.
- Beans. De-husking carob. L. A. Lantz and W. Roman. 2,326,868; Aug. 17.
- Beater for the stationary vanes of rotary motors. C. Schaper. 2,316,813; Apr. 20.
- Bearing. See.
- Adjustable shaft bearing. Roll neck bearing.
- Ball bearing. Roller bearing.
- Clutch throwout bearing. Self-aligning bearing.
- Dirtproof bearing. Shaft bearing.
- Drive shaft center bearing. Shock-withstanding bearing.
- High speed roller bearing. Side bearing.
- Journal bearing. Spindle bearing.
- Needle bearing. Surface grinder spindle bearing.
- One-way clutch and bearing. Thrust bearing.
- Propeller transfer bearing. Transfer bearing.
- Pump shaft bearing.
- Rod welder bearing.
- Bearing. W. H. Bagley, Jr. 2,316,119; Apr. 6.
- Bearing. O. R. Brinley, Jr. 2,311,815; Feb. 23.
- Bearing. J. P. Butterfield. 2,324,676; July 20.
- Bearing. G. Fast. 2,322,004; June 15.
- Bearing. H. Ford and C. E. Sorensen. 2,334,916; Nov. 23.
- Bearing. W. L. Hansen, I. N. Hurst, and J. E. Johnson. 2,332,034; Oct. 26.
- Bearing. T. J. Healy. 2,324,700; July 20.
- Bearing. H. A. S. Howarth. 2,314,703; Mar. 23.
- Bearing. G. E. Landt and J. A. Petho. 2,317,920; Apr. 27.
- Bearing. J. S. Merchant. 2,324,863; July 20.
- Bearing. J. V. O. Palm, J. K. Anthony, and J. E. Wilkey. 2,322,771; June 29.
- Bearing. J. W. Parker. 2,316,449; Apr. 13.
- Bearing. P. E. Queneau and W. A. Mudge. 2,329,483; Sept. 14.
- Bearing. L. M. Tichvinsky and R. A. Baudry. 2,315,674; Apr. 6.
- Bearing and like article. W. S. Murray. 2,325,071; July 27.
- Bearing and seal. Rotary pump shaft. W. F. Collier. 2,316,565; Apr. 13.
- Bearing. Antifriction. G. A. Wahlmark. 2,337,511; Dec. 21.
- Bearing assembly. A. J. Bastian. 2,310,053; Feb. 2.
- Bearing assembly. T. C. Schmeisler. 2,308,110; Jan. 12.
- Bearing assembly. S. R. Thomas. 2,316,468; Apr. 13.
- Bearing assembly means. T. M. Allen. 2,312,615; Mar. 2.
- Bearing assembly. Wear resistant. G. F. Fernier. 2,329,751; Sept. 21.
- Bearing cleaning and lubricating system. A. Musschoot. 2,332,659; Oct. 26.
- Bearing construction for force measuring apparatus. O. S. Carlisle. 2,314,321; Mar. 16.
- Bearing for door locking bolts. Adjustable. H. C. Blodgett. 2,309,437; Jan. 26.
- Bearing for meters. Magnetic. S. S. Green. 2,333,647; Nov. 9.
- Bearing for miniature electric motors. K. R. Fritz. 2,317,902; Apr. 27.

- Bearing for motors and the like, Lubricated. J. Delmonte. 2,327,098; Aug. 17.
- Bearing for taking axial thrusts. H. Lieberherr. 2,324,095; Jan. 13.
- Bearing lubrication. G. H. Koch. 2,308,610; Jan. 19.
- Bearing material. C. P. Teeple. 2,326,000; Aug. 3.
- Bearing means. D. P. Jacobus. 2,312,250; Feb. 23.
- Bearing means, Protective journal. L. Illmer. 2,309,397; Jan. 26.
- Bearing mounting. P. Klamp. 2,314,622; Mar. 23.
- Bearing roller. F. R. Francis. 2,337,850; Dec. 28.
- Bearing packer. H. S. Berg. 2,309,820; Feb. 2.
- Bearing play control device. O. S. Carliss. 2,313,863; Mar. 16.
- Bearing seal. E. G. Boden. 2,311,287; Feb. 16.
- Bearing structure. Z. J. Atlee. 2,335,225; Nov. 30.
- Bearing structure. T. G. Myers and G. T. Pfeiffer. 2,337,403; Dec. 21.
- Bearing structure. P. I. Nagle. 2,318,253; May 4.
- Bearing structure for relays and the like. H. C. Harrison. 2,322,292; June 22.
- Bearings, Making. W. H. Bagley, Jr. 2,333,227; Nov. 2.
- Bearings, Making. L. Holmes. 2,324,083; July 13.
- Bearings of roller bits, Protecting. W. M. Crook. 2,329,745; Sept. 21.
- Bearings, Piece and apparatus for manufacturing. T. E. D. Bilge. 2,307,874; Jan. 12.
- Beater, Edge. O. Hansen. 2,316,861; Apr. 20.
- Beater element for pulverizing apparatus. O. Craig. 2,314,689; Mar. 23.
- Beater mechanism. J. Winkler. 2,321,784; June 15.
- Bed. O. T. Fox and M. B. Dillon. 2,322,512; June 22.
- Bed. E. D. Holme. 2,311,542; Feb. 16.
- Bed. J. C. Urbank. 2,326,183; Aug. 10.
- Bed and dresser, Combined. J. H. O'Dell. 2,337,266; Dec. 21.
- Bed, Automobile. H. A. Kleine. 2,320,614; June 1.
- Bed, Chair. J. D. Bell. 2,328,254-5; Aug. 31.
- Bedclothes harness. D. M. Shields. 2,326,399; Aug. 10.
- Bed, Collapseable. D. F. Ebbert. 2,313,811; Mar. 16.
- Bed, Collapsible. P. H. Ferrier. 2,316,681; Apr. 13.
- Bed construction, Hospital. J. W. Boren. 2,336,454; Dec. 14.
- Bed, Convertible. J. D. Bell. 2,326,196; Aug. 10.
- Bed, Cooling. G. L. Flisk. 2,328,634-5; Sept. 7.
- Bed, Cooling. G. L. Flisk and E. T. Peterson. 2,332,905; Oct. 26.
- Bed, Cooling. E. W. Mikaelson. 2,329,072; Sept. 7.
- Bed, Cooling. M. Morgan. 2,327,734; Aug. 24.
- Bed davenport. H. W. Young. 2,329,503; Sept. 14.
- Bed, Folding cabinet. J. R. Thomas. 2,313,847; Mar. 16.
- Bed, Hospital. L. E. Davis. 2,336,850; Dec. 14.
- Bed, Hospital. R. W. Urle. 2,337,284; Dec. 21.
- Bed, Hospital or invalid. G. N. Mas. 2,318,240; May 4.
- Bed, Hospitalization and posture. C. Drexler and R. H. Morgan. 2,308,592; Jan. 19.
- Bed, Invalid. W. A. Leland, Jr. 2,337,395; Dec. 21.
- Bed motion for printing presses. W. M. Kelly. 2,324,001; July 13.
- Bed motion for printing presses. B. F. Upham. 2,315,142; Mar. 30.
- Bed or similar spring. A. L. Day. 2,311,739; Feb. 23.
- Bed, Pack and lifting. E. C. Peterson and E. T. Peterson. 2,328,923; Sept. 7.
- Bed rack. H. Bradberry. 2,320,027; May 25.
- Bedrail. V. Giuselli. 2,311,537; Feb. 16.
- Bed reading rack. A. Zanella. 2,333,353; Nov. 2.
- Bed, Sofa. M. F. Bayer. 2,333,087; Nov. 2.
- Bed, Sofa. M. Fox. 2,337,712; Dec. 28.
- Bed, Sofa. W. O. McDonald. 2,319,337; May 18.
- Bed spring gauge. H. W. Sternberg and R. O. Smith. 2,327,829; Aug. 24.
- Bedspring or the like. R. R. Leven. 2,308,614; Jan. 19.
- Bed structure. S. and N. J. Kroll. 2,331,480; Oct. 12.
- Beds pivoted to assume an upright position. W. Deschamps. 2,307,920; Jan. 12.
- Bed couch foundation. H. C. Dadant and R. A. Grout. 2,312,735; Mar. 16.
- Bedside cover. M. Deula. 2,323,805; July 6.
- Beehive foundation, Wax. C. F. Muth. 2,324,227; July 13.
- Bee observation unit. D. E. O'Beirne. 2,326,250; Aug. 10.
- Beer, Preparation of. E. Helmann. 2,316,241; Apr. 13.
- Beer harvestor. E. C. Roepke. 2,308,392; Jan. 12.
- Beer lifter. C. T. Rasmussen and K. D. Grift. 2,330,743; Sept. 28.
- Beer lifting and topping implement. C. A. Loucks and L. K. Schmidt. 2,336,623; Dec. 14.
- Beer topper and digger. L. A. Beatty. 2,314,681; Mar. 23.
- Beer topping machine. J. M. Beck. 2,337,307; Dec. 21.
- Bell. J. Hengstler. 2,322,021; June 16.
- Bell call device, Visible. L. J. Levine. 2,313,560; Mar. 9.
- Bell, Electric. L. J. Stern. 2,325,081; July 27.
- Bell ringing mechanism. A. Elbert and H. J. Ferri. 2,307,263; Jan. 5.
- Bellows. G. E. Porter. 2,324,173; July 13.
- Bellows control unit. J. E. Woods. 2,333,401; Nov. 2.
- Bellows operated mechanism. J. A. Hunt and A. E. Moreillon. 2,335,762; Nov. 30.
- Belt. F. Boeye. 2,307,192; Jan. 5.
- Belt. W. R. Perry. 2,322,466; June 22.
- Belt. L. F. Plummer. 2,316,018; Apr. 6.
- Belt attaching means for garments. J. Schneider. 2,310,040; Feb. 2.
- Belt, Cartridge. C. E. Balleisen. 2,317,973; May 4.
- Belt, Clasp. C. E. Anderson. 2,311,429; Feb. 16.
- Belt, Conveyor. T. A. Bennett. 2,309,928; Feb. 2.
- Belt conveyor idler. C. R. Weiss and R. W. Parker. 2,312,610; Mar. 2.
- Belt, Endless. H. W. Lockmann and H. Wana. 2,328,475; Aug. 31.
- Belt, Endless flat elastic. E. Salsas. 2,328,500; Aug. 31.
- Belt for baby's dressing tables, Safety. W. H. Reinholz. 2,332,831; Oct. 26.
- Belt for foundation garments, Automatic laced inner. F. A. Cohen. 2,309,501; Jan. 26.
- Belt for personal wear. W. Govan. 2,321,808; June 15.
- Belt for uniforms and other garments, Two-piece waistline. A. Friedman. 2,327,881; Aug. 24.
- Belt, Infant toilet seat. F. C. Johnstone. 2,320,935; June 1.
- Belt, Infant's. F. C. Johnstone. 2,331,783; Oct. 12.
- Belt loop, Detachable. H. O. Noll. 2,315,161; Mar. 30.
- Belt-measuring apparatus. E. L. Schick and J. E. Ashworth. 2,318,530; May 4.
- Belt, Pneumatic life preserver. E. C. Craig and L. A. Strickland. 2,324,693; Nov. 23.
- Belt position, resiliently expandable pulley, Constant. D. C. Patterson. 2,325,649; Aug. 3.
- Belt, Safety. L. E. Mingus. 2,310,035; Feb. 2.
- Belt, Safety. J. A. Reith. 2,317,346; Apr. 27.
- Belt splice. A. E. Lazzell. 2,330,434; Sept. 28.
- Belt splice. W. R. Perry. 2,322,967; June 29.
- Belt splice. R. Reeves. 2,330,449; Sept. 28.
- Belt splice, Wedge-plate. A. E. Lazzell. 2,330,435; Sept. 28.
- Belt surfacing, Method and apparatus for. H. B. Fay. 2,330,208; Sept. 28.
- Belt, Suspender. A. D. Cohn. 2,318,924; May 11.
- Belt transmission mechanism. H. C. Bowen. 2,337,586; Dec. 28.
- Belt, Woven cartridge. E. J. Gibbons. 2,315,782; Apr. 6.
- Belt wrapper. J. W. O'Brien. 2,309,781; Feb. 2.
- Belting. W. Whitehead. 2,330,253; Sept. 28.
- Belting, Leather. H. J. Shivel. 2,320,158; May 25.
- Belting, Nonstatic. J. C. Walton and G. E. Hall. 2,318,441; May 4.
- Belts, Making. A. L. Freedlander. 2,336,149; Dec. 7.
- Belts, Manufacturing. A. L. Freedlander. 2,337,985; Dec. 28.
- Belts, Manufacturing wrapped. A. L. Freedlander. 2,336,084; Dec. 7.
- Belts, Treatment of worn abrasive. H. Conrady. 2,320,569; June 1.
- Belts, Vulcanizing. K. B. Kilborn. 2,325,204; July 27.
- Bench, Draw. E. Knudsen and H. H. Talbot. 2,320,739; Jan. 19.
- Bench for power tools, Work. H. H. Wehringer. 2,319,025; May 11.
- Bench, Saw. O. Bray. 2,313,617; Mar. 9.
- Bench, Slid. J. G. Huebner. 2,312,165; Feb. 23.
- Bender, Staple. C. W. Otis. 2,329,849; Sept. 21.
- Bending brake. R. F. Dehn. 2,312,755; Mar. 2.
- Bending machine. O. Bergstrom. 2,335,490; Nov. 30.
- Bending machine. P. F. Maize. 2,327,440; Aug. 24.
- Bending tool. R. A. Blackwell. 2,313,720; Mar. 16.
- Benzal ethyl cyanacetate as a pest-control agent. W. Moore. 2,307,703; Jan. 5.
- Benzal octyl cyanacetate as a pest-control agent. W. Moore. 2,307,704; Jan. 5.
- Benzene fractions, Distillation of. R. B. Greenburg. 2,313,538; Mar. 9.
- Benzene fractions with butyraldehyde, Distillation of. R. B. Greenburg. 2,313,536; Mar. 9.
- Benzene, Purification of. M. D. Peterson. 2,311,189; Feb. 16.
- Benzylthiouonium salt of pantothenic acid and making the same. E. T. Stiller. 2,337,576; Dec. 28.
- Benzyl Cleaning hard or frozen. C. Bridges. 2,315,929; Apr. 6.
- Berth and chair arrangement. F. F. Burton and J. C. Buckwalter. 2,332,841; Oct. 26.
- Beryllium cementation. H. S. Cooper. 2,325,041; July 27.
- Beryllium compounds from silicate minerals, Extracting. H. K. Krawinkel. 2,312,297; Feb. 23.
- Beta-alanine and beta-alanates from acrylonitrile. G. H. Carlson and C. N. Hotchkiss. 2,335,997; Dec. 7.
- Beta-alanine, Preparation of. G. H. Carlson. 2,336,067; Dec. 7.
- Beta-alanine, Preparation of. P. M. Kirk. 2,334,163; Nov. 16.
- Beta-alanine, Preparation of. J. H. Paden and P. M. Kirk. 2,335,605; Nov. 30.
- Beta-alkoxybutyroguanamines. M. H. Bradley. 2,309,624; Feb. 2.
- Beta-alkoxyguanamines. J. T. Thurston and M. H. Bradley. 2,309,681; Feb. 2.
- Beta-alkyl-dinamic acid derivatives. W. A. Lott. 2,310,973; Feb. 16.
- Beta-methoxyphenylpropyl benzylamine. E. H. Woodruff. 2,317,013; Apr. 20.
- Beta-methoxyphenylpropyl methylamine. E. H. Woodruff. 2,309,151; Jan. 26.
- Beta-(p-methoxyphenyl)-n-propyl dimethylamine. E. H. Woodruff. 2,317,011; Apr. 20.

- p*-methoxyphenylpropyl benzylamine. E. H. Woodruff. 2,317,012; Apr. 20.
- p*-methoxyphenylpropyl methylamine. E. H. Woodruff. 2,309,150; Jan. 26.
- Bevel gearing. A. H. R. Fedden, L. F. G. Butler, F. M. Thomas, and P. R. Price. 2,315,409; Mar. 30.
- Beverage bottle case. L. O. Schneeberger. 2,323,491; July 6.
- Beverage brewer, Automatic. G. A. Denton. 2,315,777; Apr. 6.
- Beverage cooling apparatus. M. Levine. 2,327,910; Aug. 24.
- Beverage dispenser. W. R. Kromer and H. F. Elliott. 2,335,595; Nov. 30.
- Beverage dispensing apparatus. J. B. Testori. 2,331,872; Oct. 19.
- Beverage dispensing apparatus. P. H. Thompson and A. R. Peat. 2,328,110; Aug. 31.
- Beverage dispensing system. F. F. Davis. 2,331,460; Oct. 12.
- Beverage making apparatus. M. H. Graham. 2,317,453; Apr. 27.
- Beverage making device. F. E. Wolcott. 2,313,112; Mar. 9.
- Beverage making machine and process. F. R. Hoop. 2,324,395; July 13.
- Beverage mixer. A. R. Hite and J. N. Hendrix. 2,320,730; June 1.
- Beverage mixer and dispenser. W. V. Johnson. 2,327,432; Aug. 24.
- Beverage preparation and making the same. F. H. Lyons. 2,332,755; Oct. 26.
- Beverage serving device. H. Teetor. 2,327,077; Aug. 17.
- Beverage set. H. Teetor. 2,327,078; Aug. 17.
- Beverage vending machine. G. F. Albrecht. 2,336,382; Dec. 7.
- Beverages, Fermented cereal. H. G. Atwood. 2,329,509; Sept. 14.
- Beverages, Packaging. R. J. Stewart. 2,329,304; Sept. 14.
- Blas cutting and splicing machine, Fabric. W. J. Perry. 2,331,342; Oct. 12.
- Blas cutting machine. D. Balk. 2,326,745; Aug. 17.
- Blas cutting machinery. D. Balk, J. Katz, and F. P. Majors. 2,326,746; Aug. 17.
- Blas in teletypewriter receiving magnet, Elimination of. W. T. Rea. 2,308,388; Jan. 12.
- Bicycle. J. H. Horstman. 2,330,892; Oct. 5.
- Bicycle construction. L. E. Dempsey and M. A. Blu. 2,333,642; Nov. 9.
- Bicycle handle-bar seat. J. J. Kerr. 2,321,752; June 15.
- Bicycle pedal, Extensible. M. W. Kelly. 2,337,246; Dec. 21.
- Bicycle pedal signal light. L. S. Sallimbene. 2,334,442; Nov. 16.
- Bicycle rack. C. F. Schram and F. H. Schram. 2,329,088; Sept. 7.
- Bicycle seat. G. V. Soper. 2,324,976; July 20.
- Bicycle stand. E. F. Pawsat. 2,307,235; Jan. 5.
- Bicycle tail and stop light. J. French. 2,307,581; Jan. 5.
- Bicycles, Floating fork for. H. W. Kranz. 2,307,279; Jan. 5.
- Bifocal lens blank. G. A. Clement. 2,333,362; Nov. 2.
- Bifocals, Detachable. A. I. Lorig. 2,326,787; Aug. 17.
- Bignanis, Preparation of. D. W. Jayne, Jr. 2,311,295; Feb. 16.
- Billrubin, Recovering. R. H. Siffert, J. D. Porsche, and F. J. Solms. 2,331,574; Oct. 12.
- Billet grinding machine. D. E. Mulholland. 2,334,023; Nov. 9.
- Billet heating apparatus. H. A. Strickland, Jr. 2,325,638; Aug. 3.
- Billet nicking machine. A. H. Yoch. 2,317,239; Apr. 20.
- Billet notcher. W. F. Jones, Jr., and A. Meller. 2,327,110; Aug. 17.
- Billets, Scalping. A. Oberhoffken. 2,312,355; Mar. 2.
- Billfold. L. L. Gardner. 2,335,051; Nov. 23.
- Billfold and the like. B. Stember. 2,315,293; Mar. 30.
- Billfold or pocket case. L. G. Stanley. 2,328,400; Aug. 31.
- Bill stop, Adjustable. A. J. Fertz. 2,307,122; Jan. 5.
- Bimetal. R. G. Waltenberg. 2,332,416; Oct. 19.
- Bimetal tank. A. J. Kercher. 2,316,437; Apr. 13.
- Bimetal thermostatic elements, Making. T. R. Chace. 2,327,500; Aug. 24.
- Bimetal valve. F. Roth. 2,316,488; Apr. 13.
- Bimetallic clutch. J. G. Walz. 2,320,900; June 1.
- Bimetallic element. R. G. Waltenberg. 2,315,565; Apr. 6.
- Bimetallic light meter. H. F. Thut. 2,334,969; Nov. 23.
- Bimetallic valve for automatic coffee makers. J. R. Hellman. 2,329,116; Sept. 7.
- Bin. P. Rosenberg. 2,308,629; Jan. 19.
- Bin. P. Rosenberg. 2,327,742; Aug. 24.
- Bin, Coffee. D. M. McBean. 2,321,838; June 15.
- Bin, Revolving. P. Rosenberg. 2,311,130; Feb. 16.
- Binder. F. D. Cornell and A. C. Tolley. 2,311,641; Feb. 23.
- Binder. A. Kowalsky. 2,327,908; Aug. 24.
- Binder. W. A. Peters. 2,317,345; Apr. 27.
- Binder. C. D. Trussell. 2,322,177; June 15.
- Binder and wrapper material feed for cigar machines. F. C. Gladeck. 2,316,784; Apr. 20.
- Binder, Double adjustable. B. F. Ellis. 2,335,047; Nov. 23.
- Binder, Expansible post. F. S. Schade. 2,320,101; May 25.
- Binder folder. P. Hartmann. 2,323,393; July 6.
- Binder for catalog and the like. J. Schade. 2,320,102; May 25.
- Binder, Loose-leaf. H. Auburn. 2,332,547; Oct. 26.
- Binder, Loose-leaf. B. V. Korvin-Kroukovsky. 2,329,351; Sept. 14.
- Binder, Loose-leaf. A. G. Lotter. 2,313,713; Mar. 9.
- Binder, Loose-leaf. E. B. Murphy. 2,311,620; Feb. 16.
- Binder, Loose-leaf. W. Pitt. 2,308,777; Jan. 19.
- Binder, Loose-leaf. W. Pitt. 2,312,100; Feb. 23.
- Binder, Loose-leaf. J. Schade. 2,311,088; Feb. 16.
- Binder, Loose-leaf. F. S. Schade. 2,311,091; Feb. 16.
- Binder, Loose-leaf. P. O. Unger. 2,311,492; Feb. 16.
- Binder, Post. F. S. Schade. 2,314,427; Mar. 23.
- Binder, Ring. J. Schade. 2,338,011; Dec. 28.
- Binder, Ring. W. L. Sparks. 2,318,431; May 4.
- Binder, Ring. C. D. Trussell. 2,322,176; June 15.
- Binder, Ring. C. D. Trussell. 2,323,285; June 20.
- Binder, Surgical. E. Drew. 2,312,632; Mar. 2.
- Binding. A. F. Brook. 2,325,938; Aug. 3.
- Binding books with plastic bindings, Machine for. C. E. Emmer. 2,334,815; Nov. 23.
- Binding device. A. R. Gustafson. 2,335,057; Nov. 23.
- Binding device, Loose leaf. M. Fontecilla. 2,314,204; Mar. 16.
- Binding folder for periodicals. M. Mitnick. 2,308,770; Jan. 19.
- Binding machine. C. B. Nelson and I. Spinner. 2,334,433; Nov. 16.
- Binding machine. I. Spinner. 2,334,589; Nov. 16.
- Bimolecular. J. J. Bailey. 2,320,500; July 1.
- Biologically active compounds for controlling procreative metabolism. L. I. Smith. 2,318,896; May 11.
- Biologically active product for controlling procreative metabolism. L. I. Smith. 2,318,895; May 11.
- Biologically active substance for controlling procreative metabolism. L. I. Smith. 2,318,894; May 11.
- Bird cage feeder. E. H. Spiro, Jr., and J. Nisenson. 2,334,590; Nov. 16.
- Birdhouse. L. W. Hoskins. 2,312,551; Mar. 2.
- Bird's pulley lunch box. M. Skulna. 2,316,463; Apr. 13.
- Biscuit and cookie cutter and ejector. F. A. Johnson. 2,314,401; Mar. 23.
- Biscuit cutting device. B. R. Edwards. 2,310,224; Feb. 9.
- Bisector. E. E. Elwert. 2,330,414; Sept. 28.
- Bit.
- | | |
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| Coal cutting bit. | Roller bit. |
| Core bit. | Retractable drill bit. |
| Drill bit. | Rotary drill bit. |
| Heavy duty gyrating bit. | Rotary hammering bit. |
| Mining machine bit. | Rotary turbine bit. |
| Mud trap drilling bit. | Speed rock bit. |
| Oil well drilling bit. | Well drilling bit. |
| Removable drilling bit. | |
- Bit and making the same, Detachable. W. C. Rea. 2,335,791; Nov. 30.
- Bit control for percussive tools. A. G. Decker, Jr. 2,328,201; Aug. 31.
- Bit, Expansion. M. A. Shaw. 2,325,020; July 20.
- Bit for lifting tongs. F. Meier. 2,326,862; Aug. 17.
- Bit holder and bit, Mining chain. F. L. Fulke. 2,322,929; June 29.
- Bit tool, Detachable. A. Werme. 2,318,273; May 4.
- Bite registering device. E. C. Glitzke. 2,313,535; Mar. 9.
- Bite rims or blocks, Registering. A. Fischer. 2,310,360; Feb. 9.
- Bitumenlike materials from coal, Producing. A. Jenkner. 2,319,326; May 18.
- Bituminous base dispersion for use in the production of colored bitumen dispersions. L. G. Gabriel and J. A. Rawlinson. 2,327,882; Aug. 24.
- Bituminous coating for timber. W. P. Arnold. 2,322,105; June 15.
- Bituminous coating mixtures, Preparing. E. H. Nichols. 2,316,357; Apr. 13.
- Bituminous composition. J. M. Johnson and E. C. Brown. 2,317,959; Apr. 27.
- Bituminous composition and making the same. P. E. McCoy. 2,313,759; Mar. 16.
- Bituminous composition and producing the same. S. M. Hietz. 2,331,384; Oct. 12.
- Bituminous compositions, Preparation of. H. G. Williams. 2,320,100; Sept. 21.
- Bituminous emulsion and preparing same. W. G. Cole and W. D. Buckley. 2,336,468; Dec. 14.
- Bituminous emulsion and preparing same. V. E. Watts and P. E. McCoy. 2,332,542; Oct. 26.
- Bituminous emulsions and producing. E. E. Mayfield. 2,328,481; Aug. 31.
- Bituminous emulsions, Preparing a. J. J. Allinson. 2,324,473; July 20.
- Bituminous material. H. F. Winterkorn. 2,314,181; Mar. 16.
- Bituminous paving mixtures, Preparing. J. C. Roediger. 2,312,674; Mar. 2.
- Blackout. L. G. Mida. 2,317,074; Apr. 20.
- Black-out device. R. W. P. Mittag. 2,313,659; Mar. 9.

- Black-out device. R. C. Peters. 2,311,348; Feb. 16.
 Black-out device. J. C. Wirthman. 2,325,992; Aug. 3.
 Blackout equipment for windows. G. W. Steltner. 2,325,923; Aug. 3.
 Blackout lamp. H. W. Barnes. 2,325,216; July 27.
 Blackout lamp. D. Cantor. 2,321,008; June 8.
 Black-out lamp. J. P. Todd. 2,321,636; June 15.
 Blackout light. R. A. Francis. 2,328,445; Aug. 31.
 Black-out light shade and protector. L. W. Hughes. 2,321,488; June 8.
 Black-out screen. M. Stern. 2,336,899; Dec. 14.
 Blackout shield for headlamps. B. J. Davis. 2,323,978; July 13.
 Black-out system. P. Hinshelwood. 2,334,194; Nov. 16.
 Black plate for can manufacturing. Preparing. D. E. Wobbe. 2,326,814; Aug. 17.
 Blacking out ships while still providing for the ventilation thereof. M. N. Angelant. 2,317,712; Apr. 27.
 Blade adjustment for wood planers. R. Müller. 2,328,389; Aug. 31.
 Blade and razor for same. Spring. Z. Auerbach. 2,335,990; Dec. 7.
 Blade. Doctor. A. E. Lundbye. 2,313,830; Mar. 16.
 Blade ejector. Safety. S. H. Benjamin. 2,330,806; Oct. 5.
 Blade fastening apparatus. Turbine. J. A. Rydmark. 2,317,338; Apr. 20.
 Blade. Grader. A. B. Clinkscapes, Jr. 2,310,396; Feb. 9.
 Blade loading machine. H. Hill. 2,325,133; July 27.
 Blade magazine. L. Kuhn and J. R. Reyburn. 2,316,600; Apr. 13.
 Blade magazine. J. Muros. 2,308,383; Jan. 12.
 Blade magazine. N. Testi. 2,312,502; Mar. 2.
 Blade making and resharpening machine. H. C. Simmons. 2,312,270; Feb. 23.
 Blade pitch-control. Airplane. H. A. Frazier. 2,322,352; June 22.
 Blade release mechanism for sedimentation units. S. I. Boussman. 2,337,226; Dec. 21.
 Blade. Safety razor. S. H. Benjamin. 2,322,744; June 29.
 Blade. Scraper. L. C. Ferguson. 2,329,831; Sept. 21.
 Blade sharpening device. A. J. Korenly. 2,307,931; Jan. 12.
 Blade. Shredder. T. H. Poese. 2,319,629; May 18.
 Blade. Sleet. R. J. Oshel and R. C. Timm. 2,319,904; May 25.
 Blade spacer. H. H. Mohl. 2,315,724; Apr. 6.
 Blade spacer. E. C. Vollmer and F. A. Herwehe. 2,316,200; Apr. 13.
 Blade wheel. R. J. Miller. 2,324,011; July 13.
 Blade wheel. R. J. Miller. 2,337,619; Dec. 28.
 Blades. Protection of propeller. J. F. Morse and M. L. Taylor. 2,334,118; Nov. 9.
 Blade fixer. Manufacture of neutral. J. B. Pierce, Jr. 2,320,980; June 1.
 Blankholder press. J. A. Muller. 2,323,410; July 6.
 Blanking and forming die. B. Menkin. 2,331,491; Oct. 12.
 Blanks. Making flexible. A. Elmendorf. 2,336,852; Dec. 14.
 Blanks. Method of and apparatus for folding. L. E. La Bombard. 2,329,353; Sept. 14.
 Blanket. A. L. Butler. 2,335,642; Nov. 30.
 Blanket. J. M. Jurie. 2,327,278; Aug. 17.
 Blanket. Highly resistant hectograph. W. J. Champion. 2,313,124; Mar. 9.
 Blast cleaning apparatus. R. W. Guite. 2,310,488; Feb. 9.
 Blast furnace cooling plant. H. F. Rohscha. 2,311,819; Feb. 23.
 Blasting explosive assembly. W. F. Wilson. 2,311,721; Feb. 23.
 Blasting machine. R. N. Stoddard. 2,326,896; Aug. 10.
 Blasting machine. J. Stuart, II. 2,313,101; Mar. 9.
 Blasting machine. H. R. Zimmerman. 2,307,616; Jan. 12.
 Bleach baths of high alkalinity. Stabilization of. D. J. Campbell and W. H. Loftus. 2,333,916; Nov. 9.
 Bleeder construction. C. J. Coberly. 2,311,212; Feb. 16.
 Blending apparatus. R. E. Bailey. 2,313,797; Mar. 16.
 Blind. H. N. Renton. 2,318,525; May 4.
 Blind. Black-out Venetian. R. H. Wright. 2,322,612; June 22.
 Blind. Louver. W. L. Roy. Re. 22,311; May 11.
 Blind-stitch sewing machine. G. Stevenson. 2,333,128; Nov. 2.
 Blind structure. Venetian. H. J. Ehrenfeld. 2,315,605; Apr. 6.
 Blind. Venetian. E. L. Beckwith and C. P. MacIver. 2,325,003; July 20.
 Blind. Venetian. I. R. Brodie. 2,316,398; Apr. 13.
 Blind. Venetian. S. S. Gentile. 2,326,454; Aug. 10.
 Blind. Venetian. L. Kasan. 2,317,917; Apr. 27.
 Blind. Venetian. E. E. Schaefer. 2,314,101; Mar. 23.
 Blind. Venetian. L. C. Williams. 2,317,659; Apr. 27.
 Blind. Venetian. L. C. Williams. 2,317,660; Apr. 27.
 Blind. Window. D. Lubetsky. 2,336,692; Dec. 14.
 Blinds. Guard for roller window. E. S. Hall. 2,337,715; Dec. 28.
 Blinker gauge. C. W. McKinley. 2,325,415; July 27.
 Block. See—
 Building block.
 Butcher block.
 Coiling block.
 Cutting block.
 Dual purpose traveling block.
 Educational block.
 Fuse block.
 Hollow concrete building block.
 Hook block.
 Block belt splice. Nailed wood. P. B. Reeves. 2,309,330; Jan. 26.
 Block core for endless tracks and the like. Tread. O. V. Puzik. 2,331,345; Oct. 12.
 Block core for endless tracks and the like. Tread. R. I. Schentzer, E. L. Allen, and H. B. Muster. 2,331,350; Oct. 12.
 Block-mold pallet cleaning machine. H. A. Wellnitz. 2,333,285; Nov. 2.
 Block stringup mechanism. Bull. C. O. Bruestle. 2,334,601; Nov. 16.
 Blocking press. E. G. Loomis. 2,319,145; May 11.
 Blocks. Making refractory insulating. P. S. Denning. 2,311,938; Feb. 16.
 Blocks. Manufacturing building. J. C. Roediger. 2,330,747; Sept. 28.
 Blood, irradiating. E. K. Knott. 2,308,516; Jan. 19.
 Blood pressure bags and other articles. Making. G. L. Winder. 2,313,792; Mar. 16.
 Blouse. M. Sholder and A. M. Cooper. 2,312,777; Mar. 2.
 Blouse and slip. Combined. L. M. Perlitch. 2,331,626; Oct. 12.
 Blowoff means for locomotive boilers. O. B. Schoenky and C. W. Sturdevant. 2,329,947; Sept. 21.
 Blow-off valve. F. D. Stirling. 2,319,907; May 25.
 Blowout preventer. H. Allen. 2,322,269; June 22.
 Blowout preventer. J. W. MacClatchie. 2,320,974; June 1.
 Blowout preventer and valve. R. B. Sprague. 2,313,177; Mar. 9.
 Blowout preventer. Rotating. A. B. Williamson. 2,322,679; June 22.
 Blowpipe apparatus. J. H. Bucknam. 2,325,106; July 27.
 Blowpipe apparatus. E. W. Deck. 2,337,087; Dec. 21.
 Blowpipe head. W. J. Jacobsson. 2,337,106; Dec. 21.
 Blowpipe machine. Portable. F. C. Geibig. 2,311,223; Feb. 16.
 Blowpipe valve means. L. W. Young. 2,335,987; Dec. 7.
 Blowtorch. C. J. Burch. 2,327,498; Aug. 24.
 Blowtorch. J. R. Craig. 2,327,508; Aug. 24.
 Blower. T. J. Morgan and A. S. Dearborn. 2,335,437; Nov. 30.
 Blower. Air. W. Becht. 2,317,723; Apr. 27.
 Blower assembly. Multiple outlet. E. A. Williams. 2,330,938; Oct. 5.
 Blower device. E. W. Gent. 2,321,907; June 15.
 Blower. Dust-tight. G. W. Breuer. 2,321,126; June 8.
 Blower for clothes pressing machines. F. Laughlin. 2,317,279; Apr. 20.
 Blower for oil burners. J. A. D'Elia. 2,316,224; Apr. 13.
 Blower. Rotary. V. V. Dibovsky. 2,323,382; July 6.
 Blower. Scot. D. L. E. Hibner and F. C. Arey. 2,319,682; May 18.
 Blowing device. W. A. Morrison. 2,326,383; Aug. 10.
 Blueprint drier. H. H. Sullivan. 2,330,395; Sept. 23.
 Blueprint trimming device. W. E. Johnson. 2,316,249; Apr. 13.
 Blue printing machine. High-speed. H. J. Brunk. 2,332,296; Oct. 19.
 Board. See—
 Cabinet ironing board.
 Cement ironing board.
 Clip board.
 Diagram board.
 Display board.
 Dock board.
 Explosion proof panel board.
 Fibre board.
 Game board.
 Ironing board.
 Mold board.
 Panel board.
 Plotting board.
 Board for conduit systems. Dispatching. S. S. Smith. 2,329,661; Sept. 14.
 Board game apparatus. A. G. Stenberg. 2,307,609; Jan. 5.
 Board or tray for washing machines, Unloading. L. Zimark. 2,332,186; Oct. 19.
 Boards. Shirt. I. Wolf. 2,337,516; Dec. 21.
 Boat. D. A. Kaloshin. 2,334,932; Nov. 23.
 Boat. P. De Michels. 2,337,376; Dec. 21.
 Boat. R. M. Woods. 2,310,380; Feb. 9.
 Boat bailer. S. T. Larsen. 2,319,870; May 25.
 Boat bumper. F. Rambo. 2,331,420; Oct. 12.
 Boat. Collapsible. J. F. Cooper. 2,334,072; Nov. 9.
 Boat. Collapsible. J. H. Reuther. 2,332,259; Oct. 19.
 Boat construction. J. W. Smith. 2,332,178; Oct. 19.
 Boat-control system. J. F. Morse. 2,321,098; June 8.
 Boat. Folding. A. Heidenreich. 2,320,180; May 25.
 Partition block.
 Pull block.
 Safety block.
 Sectional track block.
 Splash block.
 Steel alloy and die block.
 Tackle block.
 Terminal block.
 Toy construction block.
 Tyre block.
 Walking block.
 Wire drawing block.

- Boat hull construction. A. J. Higgins. 2,312,548; Mar. 2.
- Boat hull construction. A. W. W. van Hoorn. 2,326,080; Aug. 3.
- Boat. Life. B. J. Tegethoff. 2,325,436; July 27.
- Boat loading attachment for automobiles. C. F. Ford. 2,325,762; Aug. 3.
- Boat. Metal. B. Lermont. 2,312,722; Mar. 2.
- Boat, One-man torpedo. N. G. Baker. 2,332,429; Oct. 19.
- Boat, operated by motive vehicles. O. H. Miller. 2,325,532; July 27.
- Boat propulsion device. R. R. Boon. 2,330,332; Sept. 28.
- Boat, Rubber submersible. H. Eliuk. 2,337,318; Dec. 21.
- Boat, Safety water cradle. W. R. Hood. 2,319,132; May 11.
- Boat, Sectional. A. L. Taylor. 2,328,693; Sept. 7.
- Boat, Torpedo. F. L. Altr. 2,333,139; Nov. 2.
- Boat, Toy racing. S. J. Sletsky and A. F. Plingsten. 2,314,057; Mar. 16.
- Boats, System and apparatus for propelling. C. R. Ford. 2,310,361; Feb. 9.
- Bobber for fish lines. E. H. Kruse. 2,310,030; Feb. 2.
- Bobbin. R. J. Rickenbacher. 2,337,750; Dec. 28.
- Bobbin and spindle. J. A. Kennedy and J. W. Bourassa. 2,331,611; Oct. 12.
- Bobbin brake. I. V. Hitt. 2,311,175; Feb. 16.
- Bobbin case. D. E. Gardner. 2,309,639; Feb. 2.
- Bobbin-cleaning apparatus for use on automatic weft-replenishing bobbin-changing looms. D. Clough and O. B. Blanchard. 2,307,666; Jan. 5.
- Bobbin counter operating means. W. L. Champion. 2,329,825; Sept. 21.
- Bobbin delivery control for weft magazines. M. Daniels. 2,324,585; July 20.
- Bobbin for spinning frame. L. M. Cotchett and J. A. Kennedy. 2,320,965; June 1.
- Bobbin or the like. G. B. Markle, Jr. 2,330,131; Sept. 21.
- Bobbin or yarn support. H. L. Amrhein. 2,337,438; Dec. 21.
- Bobbin stripper. H. R. Turner. 2,313,785; Mar. 16.
- Bobbins, Making. R. J. Rickenbacher. 2,333,340; Nov. 2.
- Bodies, Manufacture of hollow. V. Ehrenhaft. 2,335,400; Nov. 30.
- Body and fender pickup tool. W. E. Rybak. 2,319,478; Apr. 15.
- Body and fender tool. J. Golnick. 2,320,074; May 25.
- Body construction. A. Benzik. 2,307,445; Jan. 5.
- Body construction. M. F. Moore. 2,331,841; Oct. 12.
- Body covering for resisting temperature extremes. R. A. Morse. 2,335,873; Dec. 7.
- Body, Filter. A. M. Goodloe. 2,327,184; Aug. 17.
- Body for hand trucks, Removable. J. R. Kutzman. 2,318,231; May 4.
- Body lifter. W. L. Harris. 2,333,006; Oct. 26.
- Body massaging machine. O. T. Bufalow. 2,320,261; May 25.
- Body support. E. M. Winter. 2,308,410; Jan. 12.
- Body tipping apparatus for motor vehicles. P. A. Brick. 2,312,871; Mar. 2.
- Bogie for rail vehicles. F. Prantl. 2,330,994; Oct. 5.
- Bogie wheel. J. M. Hait. 2,337,991; Dec. 28.
- Boiler: See—
- Condenser boiler. Sectional boiler.
- Immersion boiler. Single drum locomotive boiler.
- Locomotive boiler. Steam boiler.
- Mercury boiler. Superheating flash boiler.
- Precalculator boiler.
- Boiler. E. F. Chandler. 2,331,857; Oct. 12.
- Boiler. F. A. Ferguson and E. C. Desjardins. 2,316,945; Apr. 20.
- Boiler. G. W. Parkton. 2,315,451; Mar. 30.
- Boiler. H. G. Schaefer. 2,331,508; Oct. 12.
- Boiler. K. L. Velander. 2,333,497; Nov. 2.
- Boiler. L. B. Williams. 2,316,735; Apr. 13.
- Boiler apparatus. H. J. Kerr. 2,316,763; Apr. 20.
- Boiler circulation. E. G. Bailey. 2,316,762; Apr. 20.
- Boiler connection. J. W. Winter. 2,333,968; Nov. 9.
- Boiler construction. J. W. Throckmorton and J. S. Wallis. 2,334,968; Nov. 23.
- Boiler construction. L. R. Williamson. 2,320,114; May 5.
- Boiler drop plug. G. McCormick and F. E. Russell. 2,313,449; Mar. 9.
- Boiler feed water conditioning equipment and method. H. J. Meier. 2,312,570; Mar. 2.
- Boiler, Marine. J. P. Badenhausen. 2,327,161; Aug. 17.
- Boiler mounting. R. C. Hopkins. 2,324,626; July 20.
- Boiler refilling system. F. W. Miller. 2,315,447; Mar. 20.
- Boiler repair device. H. Eisenberg. 2,329,037; Sept. 7.
- Boilster. H. H. Shaffer. 2,318,427; May 4.
- Bolt. R. W. Ball. 2,322,811; June 29.
- Bolt and nut. V. Pampallona. 2,336,121; Dec. 7.
- Bolt and rivet making machine. W. J. Carney. 2,315,769; Apr. 6.
- Bolt, cooling apparatus. E. A. Zetterquist and J. Boyd. 2,331,880; Oct. 19.
- Bolt, Emergency exit. E. O. White. 2,328,936; Sept. 7.
- Bolt, Multiple-part assembly. J. F. Wallace. 2,321,170; June 8.
- Bolt retainer, Gland. R. Fennema. 2,314,489; Mar. 23.
- Bolt retaining means. H. D. Kaufman. 2,317,617; Apr. 27.
- Bolt rotating tool. J. J. Taylor. 2,320,679; June 1.
- Bolt spacer or reinforcing member. T. Ulrich. 2,327,585; Aug. 24.
- Bolt spring locking screw. O. Ball. 2,318,356; May 4.
- Bolt stop for repeating firearms. Automatic. W. C. Roemer. 2,321,045; June 8.
- Boltless guy fitting. A. L. King. 2,309,322; Jan. 24.
- Boltless wood connection. R. K. O. Sahlgren. 2,323,844; July 6.
- Bomb. E. E. Firling. 2,327,414; Aug. 24.
- Bomb. A. F. W. Helmhold. 2,318,894; May 11.
- Bomb. H. L. Hunt. 2,328,277; Aug. 31.
- Bomb. J. Nahrney. 2,337,765; Dec. 28.
- Bomb. H. Stieb. 2,330,393; Sept. 28.
- Bomb, Aerial. H. Smith. 2,330,636; Sept. 28.
- Bomb comprising a compressed mass of fire extinguishing powder. E. Fuchner. 2,328,491; Aug. 3.
- Bomb dropper. F. J. Hooven. 2,332,735; Oct. 26.
- Bomb dropping device adapted to be dropped from aircraft. J. B. de Kurowski. 2,317,256; Apr. 20.
- Bomb, Fire. T. P. Duncan, Jr. 2,329,522; Sept. 14.
- Bomb, Incendiary. T. P. Duncan, Jr. 2,329,523; Sept. 14.
- Bomb, Incendiary. H. A. Simpson. 2,323,426; July 6.
- Bomb lug protector. A. W. Hinchcliff. 2,314,942; Mar. 30.
- Bomb or similar device. G. Zint. 2,314,678; Mar. 23.
- Bomb, Self-propelled. S. L. Conrad. 2,327,621; Aug. 24.
- Bomb thrower. R. A. Dobbelaar. 2,311,160; Feb. 16.
- Bombing mechanism for aircraft. D. L. Winters. 2,309,886; Feb. 2.
- Bombing, Simulating. A. Brieche. R. T. Hurley, and G. E. Merritt. 2,310,613; Feb. 9.
- Bonded refractory and making same. V. M. Goldschmidt. 2,335,407; Nov. 30.
- Bonding. N. W. Cole. 2,322,507; June 22.
- Bonding by adhesive. A. L. P. Russell. 2,313,892; Mar. 16.
- Bonding device. R. Temple, Jr. 2,316,112; Apr. 6.
- Book. H. Panzetta. 2,329,645; Sept. 14.
- Book and method. Easel-type. E. M. Buckland, G. J. Juttner, and J. M. Marchok. 2,315,396; Mar. 30.
- Bookcase. C. H. W. Foster. 2,330,276; Sept. 28.
- Book, Color correlating sample. J. G. Craig. 2,317,673; Apr. 27.
- Book construction. B. Rummier. 2,329,300; Sept. 14.
- Book construction, Loose-leaf. J. Schade. 2,311,090; Feb. 16.
- Book construction, Loose leaf. M. Vernon. 2,322,180; June 15.
- Book construction, Loose-leaf. M. Vernon. 2,334,800; Nov. 23.
- Book ends. G. Clift. 2,334,251; Nov. 16.
- Book front. K. Arnoff. 2,332,425; Oct. 19.
- Book holder. E. Thys and G. L. Schaler-Booth. 2,317,001; Apr. 20.
- Bookkeeping machine. E. M. Magnusson. 2,317,284; Apr. 20.
- Bookkeeping or accounting aid. S. B. Freiberg. 2,323,462; July 6.
- Book lock binder. J. J. Donato and F. L. Hardin. 2,323,123; June 29.
- Book, magazine, pamphlet, or the like. H. H. Moreton. 2,324,413; July 13.
- Bookmark. L. Kardorf. 2,328,811; Sept. 7.
- Book mark. V. Pepe. 2,320,383; June 1.
- Book match holder. E. Arenson. 2,337,305; Dec. 21.
- Book, Message. A. J. Kennedy, Sr. 2,319,506; May 18.
- Book, Multisection. J. F. Rider. 2,308,628; Jan. 19.
- Book press. C. W. Hughes. 2,332,318; Oct. 19.
- Book, Spines. G. F. Washburne. 2,322,983; June 29.
- Book, Spirally bound. A. Freundlich. 2,336,856; Dec. 14.
- Book stand. D. McNeil. 2,337,675; Dec. 28.
- Book support. V. T. Littlejohn. 2,307,143-4; Jan. 5.
- Booklet, Display. C. Bedell. 2,319,200; May 18.
- Boom and bucket for concrete mixers, Inclined. J. D. Farrell. 2,321,073; June 8.
- Booster assisted brake actuating system. S. Schnell. 2,331,235; Oct. 5.
- Booster burner. W. Lotter. 2,327,807; Aug. 24.
- Booster fan and support. J. L. Breese, B. Hayter, and S. Perry. 2,331,958; Oct. 19.
- Booster for hydraulic braking systems. B. Stelzer. Re. 22,349; July 13.
- Booster, Hydraulic brake. B. Stelzer. Re. 22,348; July 13.
- Booster pump. R. R. Curtis. 2,312,526; Mar. 2.
- Booster pump and suction switch. F. T. Flint. 2,308,746; Jan. 19.
- Booster pump throat. W. J. Lockett. 2,316,007; Apr. 6.
- Booster system. E. A. Rockwell. 2,311,576; Feb. 16.
- Booster valve. E. Martin. 2,320,444; June 1.
- Boot. W. G. Laird. 2,319,239; May 18.
- Boot, Flying. F. G. Manson and J. J. Maskey. 2,329,209; Sept. 14.
- Boot for universal joints. J. W. Hagerty. 2,308,073; Jan. 12.
- Boot hanger. C. E. Bonniwell. 2,322,188; June 15.
- Boot or shoe. L. S. Macdonald and O. N. Johnson. 2,322,532; June 22.
- Boot, Quickly removable. L. H. L'Hollier. 2,330,224; Sept. 28.
- Booth, Spray. E. F. Brady. 2,312,386; Mar. 2.
- Booth, Spray. E. F. Fisher. 2,337,983; Dec. 28.

- Bore cleaner and cement shoe, Hydraulic. C. M. O'Leary. 2,334,788; Nov. 23.
- Bore gauge. F. C. Tanner. 2,312,222; Feb. 23.
- Borehole deflecting tool. W. F. Wingard. 2,317,010; Apr. 20.
- Bore hole pump. I. S. Salnikov. 2,319,749; May 18.
- Borehole sampler. J. S. Crump. 2,308,156; Jan. 12.
- Borehole thermometer. W. J. Crites. 2,315,840; Apr. 6.
- Borehole tool. B. W. Sewell. 2,324,956; July 20.
- Bore holes of different curvatures and diameters, Drilling. J. A. Zublin. 2,336,334; Dec. 7.
- Boring device. J. R. Froksa. 2,310,992; Feb. 16.
- Boring, drilling and milling machine, Horizontal. J. M. Walter. 2,307,075; Jan. 12.
- Boring machine, Earth. A. J. Parrish. 2,319,512; May 18.
- Boring mill. A. Trosch. 2,324,180; July 13.
- Boring tool. C. E. De Vlieg. 2,330,692; Sept. 28.
- Boring tool. F. J. Vann. 2,334,363; Nov. 16.
- Boron chemically combined from its ores by autototation, Concentration of. F. K. Shelton. 2,317,413; Apr. 27.
- Boron compositions, Preparation of. H. Walther. 2,313,410; Mar. 9.
- Bottle and container, Paper. H. H. Pelzer. 2,321,313-4; June 8.
- Bottle and like crate. A. T. Faulkner. 2,317,044; Apr. 20.
- Bottle and nipple guard, Nursing. D. G. Chester. 2,310,515; Feb. 9.
- Bottle cap. G. Austria. 2,329,579; Sept. 14.
- Bottle cap. B. M. and H. B. Harvey. 2,337,241; Dec. 21.
- Bottle cap. G. H. Hutaft, Jr. 2,321,297; June 8.
- Bottle cap. H. G. Vore. 2,325,168; July 27.
- Bottle cap and closure. B. P. Lasky. 2,310,299; Feb. 9.
- Bottle cap applying machine. A. A. Barnes and J. F. Price. 2,322,812; June 29.
- Bottle capping machine. G. H. J. Baule. 2,314,918; Mar. 30.
- Bottle capping machine. I. L. Wilcox. 2,312,141; Feb. 23.
- Bottle capping mechanism. L. H. Browne. 2,326,284; Aug. 10.
- Bottle carrier. T. M. Avery. 2,307,659; Jan. 5.
- Bottle carrier. H. E. Brunhoff. 2,316,738; Apr. 13.
- Bottle carrier. C. M. Dykes. 2,330,961; Oct. 5.
- Bottle carrier. H. Z. Gray. 2,333,560; Nov. 2.
- Bottle carrier. R. E. Hamilton. 2,334,409; Nov. 16.
- Bottle carrier. M. E. Holy. 2,337,197; Dec. 21.
- Bottle carrier. G. H. Hutaft, Jr. 2,309,395; Jan. 26.
- Bottle carrier. G. H. Hutaft, Jr. 2,337,243; Dec. 21.
- Bottle carrier. C. H. and D. H. Kruea. 2,320,440; June 1.
- Bottle carrier. H. L. Metzger. 2,334,638; Nov. 16.
- Bottle carrier. F. E. Nemeth. 2,332,001; Oct. 19.
- Bottle carrier. F. E. Oederkirk. 2,321,100; June 8.
- Bottle carrier. W. A. Ringler. 2,335,197; Nov. 23.
- Bottle carrier. W. P. Rucker and J. B. Taylor. 2,333,954; Nov. 9.
- Bottle carrier. W. Sedgwick. 2,329,656; Sept. 14.
- Bottle carrier, Sectional. W. E. Turner. 2,320,315; May 25.
- Bottle carrying box. E. W. Hutchings. 2,334,198; Nov. 16.
- Bottle case. G. Mordy. 2,313,355; Mar. 9.
- Bottle chute. F. Payment. 2,312,438; Mar. 2.
- Bottle-cleaning machine. J. L. Herold. 2,324,210; July 13.
- Bottle closure. J. M. Leatherman. 2,322,527; June 22.
- Bottle closure. J. W. Maussenet. Re. 2,294; Mar. 23.
- Bottle closure, Nonrefillable. E. Greene and W. H. Forrest. 2,312,759; Mar. 2.
- Bottle construction with temperature indicator. S. S. Anderson. 2,319,101; May 11.
- Bottle, Controlled drip milk. E. A. Jackson. 2,318,611; May 11.
- Bottle cooling and vending means. T. F. Lilly. 2,311,449; Feb. 16.
- Bottle crate. D. H. Bitney. 2,322,917; June 29.
- Bottle discharging means. N. Cordis. 2,336,924; Dec. 14.
- Bottle, Drop-counting. P. Glavotto. 2,310,777; Feb. 9.
- Bottle feeding mechanism. G. J. Meyer, C. Steckling, Jr., and J. F. Classen. 2,324,312; July 13.
- Bottle filling machine. G. J. Meyer. 2,333,545; Nov. 2.
- Bottle forming machine. J. M. Young. 2,328,873; Sept. 7.
- Bottle handling machine. J. Cattonar and G. Olm. 2,332,058; Oct. 19.
- Bottle holder. T. H. Bryant, Sr. 2,325,224; July 27.
- Bottle holder. H. K. Powell. 2,314,895-6; Mar. 30.
- Bottle holder. H. K. Powell. 2,316,186; Apr. 13.
- Bottle inspection apparatus. P. Weathers. 2,323,636; July 6.
- Bottle, Nonrefillable. F. E. Giesebrecht. 2,329,892; Sept. 21.
- Bottle, Nonrefillable. O. H. Lee. 2,307,325; Jan. 5.
- Bottle, Nonrefillable. G. S. Ridner, Sr., and G. S. Ridner, Jr. 2,308,828; Jan. 19.
- Bottle, Nonrefillable paper. L. B. Koch and I. F. Mandell. 2,327,963; Aug. 24.
- Bottle, Nursing. J. P. Vaughn and R. Wagner. 2,330,019; Sept. 21.
- Bottle opener, Lever type. C. E. Anderson. 2,323,080; June 29.
- Bottle partition or divider. G. W. Boh and W. E. Turner. 2,330,671; Sept. 28.
- Bottle rack. E. S. Curtis. 2,325,231; July 27.
- Bottle testing apparatus. A. S. Jackson and C. A. Heyne. 2,314,310; Mar. 16.
- Bottle valve manufacture. L. J. Benschoter. 2,335,634; Nov. 30.
- Bottle vending and empty bottle receiving machine. H. R. Harding. 2,309,449; Jan. 26.
- Bottle vending equipment, Selective. C. A. Melchert. 2,308,989; Jan. 19.
- Bottle vendor, Portable. J. E. Hagstrom and O. C. Olsen. 2,317,145; Apr. 20.
- Bottle vendor, Refrigerated portable. J. E. Hagstrom and O. C. Olsen. 2,327,520; Aug. 24.
- Bottle washer. F. C. Read. 2,318,524; May 4.
- Bottle washing apparatus. A. E. Ladewig. 2,314,048; Mar. 16.
- Bottle wrapping device. W. A. Emery. 2,331,543; Oct. 12.
- Bottle wrapping machine. J. J. McGinley. 2,332,096; Oct. 19.
- Bottle, Applying permanent covers to. R. B. Karoff. 2,337,998; Dec. 28.
- Bottles, Capping. J. de Swart. 2,325,309; July 27.
- Bottling machine. F. C. Hamilton. 2,324,578; July 20.
- Bottom stop for separable fasteners and producing the same. L. H. Morin. 2,312,045; Feb. 23.
- Bottom structure for folding paper boxes. R. A. Himes. 2,327,709-10; Aug. 24.
- Bow, Archery. W. L. Miller. 2,318,880; Apr. 20.
- Bow for string instruments, violins, cellos, etc. H. Kastan. 2,333,013; Oct. 26.
- Bow for the tarpaulin of platform vehicles. E. J. Delsley. 2,322,424; June 22.
- Bow sight. N. F. Howe. 2,332,080; Oct. 19.
- Bowden wire casing. A. Nelson. 2,334,280; Nov. 16.
- Bow mounting. R. G. Le Tournau. 2,317,280; Apr. 20.
- Bowl type centrifuging apparatus, Solid. F. W. Winkler. 2,308,559; Jan. 19.
- Bowling alley. C. W. Hartwig. 2,327,350; Aug. 24.
- Bowling alley. F. Nall. 2,326,554; Aug. 10.
- Bowling alley. E. F. Seaman and J. B. Lunsford. 2,316,999-1; Apr. 20.
- Bowling alley mechanism, Automatic. J. E. Flanagan. 2,319,925; May 25.
- Bowling ball support. W. Harrigan. 2,313,823; Mar. 16.
- Bowling device, Robot. I. H. McFalls. 2,321,553; June 8.
- Bowling footwear. K. R. Moen. 2,307,699; Jan. 5.
- Bowling game. V. C. Engstrom. 2,329,344; Sept. 14.
- Bowling instructor means. P. N. Mobley. 2,336,997; Dec. 14.
- Bowling pin setting machine. L. J. Kaufman. 2,307,839; Jan. 12.
- Bowling score sheet display table. R. J. MacMillan. 2,316,444; Apr. 13.
- Box: See—
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| Automatic box. | Junction box. |
| Bird's pulley lunch box. | Lunch box. |
| Bottle carrying box. | Metal bound box. |
| Cardboard box. | Metal box. |
| Cartridge box. | Metal box. |
| Cellular box. | Mold box. |
| Chick box. | Outlet box. |
| Chick shipping box. | Packing box. |
| Collapsible box. | Panel or switch box. |
| Complete stickless staple-less chick box. | Paper box. |
| Covered shipping and display box. | Paper sheet dispensing box. |
| Dispensing box. | Picture display box. |
| Display box. | Pouring box. |
| Electrical connection box. | Radio-sonde box. |
| Engineer's tape box. | Screw plate box. |
| Fid box. | Self-locking box. |
| Filing box. | Shuttle box. |
| Fishing tackle box. | Sluice box. |
| Folding box. | Spinning box. |
| Folding double wall box. | Spring loaded stuffing box. |
| Golf club box. | Stuffing box. |
| Greaseproof folding box. | Tackle box. |
| Hopper front box. | Terminal box. |
| Journal box. | Tool box. |
| | Wall box. |
- Box. W. A. Becker. 2,332,192; Oct. 19.
- Box. Q. W. Eoese. 2,329,170; Sept. 7.
- Box. J. H. Burr. 2,308,050; Jan. 12.
- Box. J. F. Cleary. 2,327,095; Aug. 17.
- Box. C. H. Goodyear. 2,337,654; Dec. 28.
- Box. C. W. Gordon. 2,333,244; Nov. 2.
- Box. A. M. Kamper. 2,307,682; Jan. 5.
- Box. R. A. Muller. 2,307,706; Jan. 5.
- Box. A. L. Rosenmund. 2,328,230; Aug. 31.
- Box. L. H. Schleicher. 2,325,281; July 27.
- Box. J. P. Shearer. 2,320,665; June 1.
- Box and connection, Journal. R. B. Cottrell. 2,327,151; Aug. 17.
- Box and cover for hot metal mixers, Screw. H. L. McPeaters. 2,334,019; Nov. 9.
- Box and hinge structure. E. G. Hempel. 2,318,608; May 11.
- Box and packaging. P. O. Buch. 2,314,194; Mar. 16.

- Box and tray, primarily for cigars, Collapsible tamper-proof. F. A. Sunderhauf and F. W. Broderick. 2,311,137; Feb. 16.
- Box attachment, Cigar. E. W. Lillenfield. 2,323,820; July 6.
- Box binding strip. S. W. Parsons. 2,311,961; Feb. 23.
- Box construction. W. A. Becker. 2,326,281; Aug. 10.
- Box construction. T. I. Foster. 2,332,312; Oct. 19.
- Box construction. W. H. Inman. 2,311,053; Feb. 16.
- Box construction. S. W. Parsons. 2,311,960; Feb. 23.
- Box equipment, Driving. H. B. Baker. 2,326,426; Aug. 10.
- Box for piston rods and shafts, Stuffing. J. D. Summers. 2,329,955; Sept. 21.
- Box for transporting baby chicks and the like. M. R. Shofer. 2,328,689; Sept. 7.
- Box-handling apparatus. A. Neja. 2,329,413; Sept. 14.
- Box installation, Outlet. J. G. Knight. 2,314,408; Mar. 23.
- Box lid, Chick. K. I. Miller. 2,312,662; Mar. 2.
- Boxlike bag. L. Eisgrau. 2,331,966; Oct. 19.
- Boxlike structures, Manufacture of. N. T. MacKenzie. 2,332,652; Oct. 26.
- Box made of transparent material. N. E. Clouston. 2,317,884; Apr. 27.
- Boxmaking machine, Automatic outlet. R. M. Walker. 2,331,525; Oct. 12.
- Box or carton. F. J. Ullrich. 2,326,417; Aug. 10.
- Box or container, Collapsible. K. T. Buttery. 2,334,902; Nov. 23.
- Box partition machine. I. A. Deline. 2,337,803; Dec. 28.
- Box sealing device, Stuffing. S. Golten. 2,324,206; July 13.
- Box spring and mattress, Unit. H. Hopkins. 2,312,411; Mar. 2.
- Box stacking and conveying mechanism. A. Neja. 2,312,473; Mar. 9.
- Box staving machine. M. P. Junkin. 2,332,644; Oct. 26.
- Box structure, Collapsible. N. Gladstein. 2,329,605; Sept. 14.
- Box supporting device. G. Carlson and E. R. Clark. 2,328,421; Aug. 31.
- Box, switch box, and the like Outlet. E. A. Lefebvre. 2,320,621; Jan. 1.
- Box top construction, Cardboard. R. E. Edmonson. 2,315,947; Apr. 6.
- Box trap for catching many animals at one setting. H. Mielth. 2,315,345; Mar. 30.
- Brace, Building. C. Mackintosh. 2,329,068; Sept. 7.
- Brace for car bolsters, Center. J. E. Tesseymann and G. Miller. 2,309,024; Jan. 19.
- Brace for receptacles, Side. I. Seltzer. 2,322,704; June 22.
- Brace for the rails of railroad tracks. J. F. Dale. 2,317,735; Apr. 27.
- Brace, Lead. E. B. Johnson. 2,336,869; Dec. 14.
- Brace, Pressure knee. W. K. Smith. 2,311,483; Feb. 16.
- Bracelet, Basket weave. A. O. Schoeninger. 2,324,241; July 13.
- Bracelet clasp, Extensible. D. L. Jacobowitz. 2,300,510; Jan. 26.
- Bracelet, Extension. A. O. Schoeninger. 2,333,048; Oct. 26.
- Bracer and straightener, Door. C. S. Bergstrom. 2,337,963; Dec. 28.
- Braces, Making insulated. R. G. Le Tourneau. 2,330,602; Sept. 28.
- Bracket: See—
- Adjustable drapery bracket. Greenhouse eave bracket.
- Clothesline pulley bracket. Joist anchoring bracket.
- Combined curtain and shade bracket. Locomotive boiler bracket.
- Curtain and shade bracket. Mirror and bracket.
- Curtain rod bracket. Scaffold ledger bracket.
- Testoon bracket. Shade roller bracket.
- Funnel guide bracket. Tray slide bracket.
- Furring bracket. Tree bracket.
- Bracket. G. F. Bahr. 2,309,338; Jan. 26.
- Bracket. S. H. Brooks. 2,337,520; Dec. 21.
- Bracket. J. J. Burgess. 2,331,653; Oct. 12.
- Bracket. J. Galamb. 2,310,416; Feb. 9.
- Bracket. R. C. Johnson and H. E. Marting. 2,328,724; Sept. 7.
- Bracket. A. L. McCabe. 2,330,507; Sept. 28.
- Bracket. R. S. Sanford. 2,327,970; Aug. 24.
- Bracket and clip, Road guard. A. E. Brickman. 2,321,988; June 15.
- Bracket for box springs. D. N. Kelly. 2,311,111; Feb. 16.
- Bracket for cartons. A. Yaffa. 2,315,573; Apr. 6.
- Bracket for fixtures, Hinge. R. S. Sanford. 2,327,969; Aug. 24.
- Bracket for grinding wheels. B. Strezoff. 2,311,582; Feb. 16.
- Bracket for highway guards. W. S. Ferguson. 2,311,210; Feb. 16.
- Bracket for mounting automatic rifles. C. G. Dowd. 2,321,018; June 8.
- Bracket for Venetian blinds, Installation. F. J. Burns. 2,329,588; Sept. 14.
- Bracket for Venetian blinds, Installation. P. J. Harris. 2,332,851; Oct. 26.
- Bracket means for the lower unit of railway car brakes, Yieldable. A. F. Klasing. 2,321,683; June 15.
- Bracket structure, Detachable cantilever. W. G. Edward and G. M. Frost. 2,336,604; Dec. 14.
- Bracket unit, Antiproof. A. C. Schiffman. 2,331,511; Oct. 12.
- Braid securing method and means. D. W. Fentress and S. J. Hughes. 2,319,220; May 18.
- Braiding machine. B. Carter. 2,336,776; Dec. 14.
- Braiding machine. E. A. Davis. 2,337,977; Dec. 28.
- Brake: See—
- Aerodynamic brake. Fluid brake.
- Air brake. Folding brake.
- Airplane brake. Hand brake.
- Automatic trailer brake. Hydraulic brake.
- Automatic vehicle brake. Hydraulic coaster brake.
- Automotive brake. Hydrodynamic brake.
- Bending brake. Railway car hand brake.
- Bobbin brake. Rotor brake.
- Booster brake. Load brake.
- Disc brake. Parking brake.
- Double-acting shock brake. Power brake.
- Drafting machine brake. Railway brake.
- Dual wheel brake. Reversible magnetic brake.
- Duplex brake. Sash pulley brake.
- Electromagnetic brake. Self-adjusting brake.
- Electropneumatic brake. Sheet metal brake.
- Emergency and parking brake. Spindle brake.
- Expander tube brake. Traction brake.
- Vehicle brake.
- Brake. W. H. Baselt. 2,315,241; Mar. 30.
- Brake. R. P. Breese. 2,316,399; Apr. 13.
- Brake. A. C. Chambers. 2,319,583; May 18.
- Brake. J. R. Cox. 2,332,301; Oct. 19.
- Brake. S. I. Eckesdun. 2,326,995; Aug. 17.
- Brake. W. E. Fields and W. E. Berry. 2,336,350; Dec. 7.
- Brake. J. A. Forbes. 2,330,879; Oct. 5.
- Brake. F. C. Frank. 2,313,223; Mar. 9.
- Brake. F. C. Frank. 2,322,121; June 15.
- Brake. F. C. Frank. 2,325,941; Aug. 3.
- Brake. P. M. Freer. 2,311,528-30; Feb. 16.
- Brake. P. M. Freer. 2,317,599; Apr. 27.
- Brake. P. M. Freer. 2,328,334; Aug. 31.
- Brake. K. A. Goepfrich. 2,313,431-2; Mar. 9.
- Brake. R. A. Goepfrich. 2,316,414; Apr. 13.
- Brake. R. A. Goepfrich. 2,336,352; Dec. 7.
- Brake. E. F. Lowke. 2,311,705; Feb. 23.
- Brake. S. I. MacDuff. 2,308,985; Jan. 19.
- Brake. W. H. Manning. 2,320,878; June 1.
- Brake. J. W. Tatter. 2,308,961; Jan. 19.
- Brake. G. R. Tremolada. 2,331,617; Oct. 12.
- Brake. J. W. White. 2,329,095; Sept. 7.
- Brake actuating mechanism. S. A. Snell. 2,320,859; Sept. 21.
- Brake actuating system. W. R. Freeman. 2,328,637; Sept. 7.
- Brake actuating system, Ratio changing. W. R. Freeman. 2,321,479; June 8.
- Brake actuating unit. G. D. Brimble. 2,336,841; Dec. 14.
- Brake actuator, Steering column. S. A. Snell. 2,309,796; Feb. 2.
- Brake adjusting means, Automatic. H. O. Williams. 2,322,492; June 22.
- Brake and driving mechanism, Traction. H. E. Brey and H. E. Swanson. 2,320,320; May 25.
- Brake and motor control device. I. N. Vaughn. 2,332,122; Oct. 19.
- Brake and selector valve, Combined. M. W. Huber. 2,322,518; June 22.
- Brake apparatus for railway cars. W. T. Johnson and M. L. Farrell. 2,322,449; June 22.
- Brake applying assemblies, Making. R. T. Burnett. 2,308,859; Jan. 19.
- Brake arrangement. R. G. Aurlen. 2,334,168; Nov. 16.
- Brake arrangement. W. H. Baselt and C. E. Tack. 2,325,934; Aug. 3.
- Brake arrangement. C. E. Tack. 2,327,157; Aug. 17.
- Brake arrangement. C. E. Tack. 2,336,970; Dec. 14.
- Brake arrangement for trainer airplanes, Dual. C. Hollerith. 2,327,427; Aug. 24.
- Brake beam beam. H. T. Welch. 2,319,484; May 18.
- Brake beam safety support. H. E. Anderson. 2,335,628; Nov. 30.
- Brake booster, Hydraulic. B. Stelzer. 2,308,460; Jan. 12.
- Brake construction. C. L. Ekersgran. 2,222,42; Jan. 5.
- Brake construction. O. M. Whitten. 2,307,652; Jan. 5.
- Brake construction. O. M. Whitten. 2,333,125-9; Oct. 5.
- Brake construction. O. M. Whitten. 2,334,053; Nov. 9.
- Brake construction and adjusting means therefor. H. T. Lambert. 2,320,286; May 25.
- Brake control, Automatic. S. W. Clark. 2,332,698; Oct. 26.
- Brake control means. A. Garelli. 2,317,753; Apr. 27.
- Brake control means. C. M. Hines and D. R. Borst. 2,308,878; Jan. 19.
- Brake control means. C. M. Hines and D. R. Borst. 2,317,133; Apr. 20.

- Brake control means. G. T. McClure. 2,322,042; June 9.
- Brake control means. W. P. Place. 2,308,894; Jan. 19.
- Brake control mechanism. W. R. Freeman. 2,313,232; Mar. 9.
- Brake control mechanism. R. A. Goepfrich. 2,313,430; Mar. 9.
- Brake control mechanism. P. Klotsch. 2,309,734; Feb. 2.
- Brake control mechanism. D. L. McNeal. 2,319,941; May 25.
- Brake control mechanism. J. W. Page. 2,308,299; Jan. 12.
- Brake control, Motor. M. B. Jackson. 2,332,228; Oct. 19.
- Brake control system. C. M. Hines. 2,329,763; Sept. 21.
- Brake control valve device. C. C. Farmer. 2,329,749; Sept. 21.
- Brake controller, Electric. W. F. Penrose. 2,317,402; Apr. 27.
- Brake cylinder assembly and making same. A. J. Weatherhead, Jr. 2,312,224; Feb. 23.
- Brake cylinder device. J. C. McCune. 2,322,043; June 9.
- Brake cylinder device. G. K. Newell. 2,337,766; Dec. 28.
- Brake device. R. T. Whitney. 2,322,079; June 15.
- Brake device for electrical circuits. J. J. Root. 2,312,980; Mar. 2.
- Brake device for hinge supports. C. C. Hicks. 2,314,144; Mar. 16.
- Brake drums, Forming. C. W. Sinclair. 2,332,175; Oct. 19.
- Brake drums, Making. A. S. Van Halteren and C. W. Gressle. 2,316,029; Apr. 6.
- Brake for rotary anode X-ray tubes. M. E. Bell. 2,332,044; Oct. 19.
- Brake for vehicles. L. C. Chouings. 2,318,756; May 1.
- Brake for vehicles. F. G. Parnell. 2,316,450; Apr. 13.
- Brake for vehicles, Emergency. D. J. Cieri. 2,319,297; May 18.
- Brake for velocipedes, Backpedaling. S. B. Kurzina, Jr. 2,314,845; Mar. 23.
- Brake gear support. E. G. Busse. 2,337,708; Dec. 28.
- Brake-holding mechanism. I. E. Coffey. 2,329,156; Sept. 7.
- Brake holding mechanism, Delayed action. F. L. Darling. 2,334,011; Nov. 16.
- Brake lever. L. A. Bixby, E. E. Eaton, and R. Lapsley. 2,309,180; Jan. 26.
- Brake lever. A. P. Ferguson. 2,309,636; Feb. 2.
- Brake lever. H. S. Jandus. 2,315,962; Apr. 6.
- Brake lining. G. Walters. 2,307,814; Jan. 12.
- Brake means. A. G. Larson. 2,311,842; Feb. 23.
- Brake means. G. T. McClure. 2,314,413; Mar. 23.
- Brake mechanism. H. W. Alden, L. R. Buckendale, and R. K. Super. 2,337,070; Dec. 21.
- Brake mechanism. L. R. Buckendale. 2,331,652; Oct. 12.
- Brake mechanism. R. H. Casler. 2,329,155; Sept. 7.
- Brake mechanism. W. A. Eaton. 2,323,207-8; June 29.
- Brake mechanism. E. R. Fitch. 2,313,991; Mar. 16.
- Braking mechanism. J. W. Hatch. 2,308,954; Jan. 19.
- Brake mechanism. H. D. Humphrey. 2,317,194; Apr. 20.
- Brake mechanism. J. C. McCune. 2,308,889-90; Jan. 19.
- Brake mechanism. J. C. McCune. 2,326,960-1; Aug. 17.
- Brake mechanism. J. Mercier. 2,310,802; Feb. 9.
- Brake mechanism. G. K. Newell. 2,322,049; June 15.
- Brake mechanism. W. R. Spiller, H. W. Alden, and R. K. Super. 2,337,069; Dec. 21.
- Brake mechanism. R. C. Townsend. 2,307,811; Jan. 12.
- Brake mechanism for motor driven electric switches and the like. F. E. Felt. 2,310,787; Feb. 9.
- Brake mechanism, Spindle. D. A. Cabot. 2,320,565; June 1.
- Brake operating means, Aerodynamic. B. S. Wright. 2,335,035; Nov. 23.
- Brake operating mechanism. H. D. Breen. 2,308,741; Jan. 19.
- Brake operating mechanism. A. F. Klasing. 2,311,398; Feb. 16.
- Brake operator. B. H. Mossinghoff. 2,311,120; Feb. 16.
- Brake platform. H. E. Bartsch. 2,308,855; Jan. 19.
- Brake regulator for railroad freight cars. F. A. Kenney. 2,336,691; Dec. 14.
- Brake releasing and/or railway car truck. C. R. Busch. 2,310,195; Feb. 2.
- Brake shoe. J. Murphy. 2,331,563; Oct. 12.
- Brake shoe. N. W. Nelson. 2,328,738; Sept. 7.
- Brake shoe, Finishing lined. I. B. Johnson and A. Arquilla. 2,328,650; Sept. 7.
- Brake shoe mounting. A. H. Oelkers. 2,331,797; Oct. 12.
- Brake shoe mounting. S. Schnell. 2,331,349; Oct. 12.
- Brake shoe mounting construction. S. Schnell. 2,326,177; Aug. 10.
- Brake shoes, Correcting the uneven wear of. P. W. Hoshor. 2,315,707; Apr. 6.
- Brake structure, Antinoise. R. H. Judson. 2,330,368; Sept. 28.
- Brake system. E. S. Cook and D. R. Borst. 2,317,132; Apr. 20.
- Brake system, Fluid pressure actuated. E. H. Piron. 2,318,798; May 11.
- Brake system for six wheeled vehicles. Equalized hydraulic. E. S. MacPherson. 2,324,007; July 13.
- Brake testing apparatus. C. C. Bennett. 2,327,617; Aug. 24.
- Brake testing machine, Automotive. F. L. Hetzel. 2,325,910; Aug. 3.
- Brake unit. Self-energizing. R. G. Le Tourneau. 2,328,817; Sept. 7.
- Brake valve. R. B. Campbell. 2,317,846; Apr. 27.
- Brake valve device. E. S. Cook. 2,324,910; July 20.
- Brakes employed in systems for the extraction of sugar from sugar bearing materials, Protection of. C. A. Olecott. 2,338,053; Dec. 28.
- Braking apparatus. J. A. Forbes. 2,325,846; Aug. 3.
- Braking device for cumulative demand registers. R. H. Lewis and P. G. Adams. 2,315,630; Apr. 6.
- Braking device, Internal-expanding. W. D. Koch. 2,334,935; Nov. 23.
- Braking mechanism. J. C. Cox. 2,328,619; Sept. 7.
- Braking system. C. L. Eksbergian. 2,308,499; Jan. 19.
- Braking system. R. K. Jeffrey. 2,329,338; Sept. 21.
- Braking system. E. A. Milhaupt. 2,323,406; July 6.
- Braking system. H. S. Ogden. 2,323,413; July 6.
- Braking system. S. Schnell. 2,328,684-5; Sept. 7.
- Braking system and control therefor. C. L. Eksbergian. 2,308,500; an. 19.
- Braking system control means. A. N. Milster. 2,331,214; Oct. 5.
- Braking system, Dynamic. S. H. Cowin. 2,317,254; Apr. 20.
- Braking system, Fluid pressure. O. H. Fowler. 2,317,601; Apr. 27.
- Braking system for tractor vehicles. A. N. Milster. 2,324,412; July 13.
- Branch box connector. W. C. Anderson. 2,317,710; Apr. 27.
- Branch fitting. D. K. Crampton and H. L. Burghoff. 2,309,099; Jan. 26.
- Branch lines to supply lines, Preventing reverse flow from. B. E. Ahlport. 2,328,118; Aug. 31.
- Branched-chain aliphatic secondary amines, Preparing. J. W. Clark and A. L. Wilson. 2,319,848; May 25.
- Brassière. A. S. and V. I. Becker. 2,317,664; Apr. 27.
- Brassière. A. S. and V. I. Becker. 2,327,488; Aug. 24.
- Brassière. S. Berdach. 2,324,669; July 20.
- Brassière and breast pad. L. H. Loeffel. 2,323,143; June 29.
- Brassière and girdle. Combination. L. Malmstead. 2,315,975; Apr. 6.
- Brassière, Nursing. A. A. Glasser. 2,315,614; Apr. 6.
- Brassière or similar garment. J. Glick. 2,337,810; Dec. 28.
- Braun tube. W. Uhlmann. 2,332,876; Oct. 26.
- Brazing. N. H. Stewart and J. H. Ramage. 2,315,294; Mar. 30.
- Brazing flux composition. J. K. Anderson. 2,308,801; Jan. 19.
- Bread. J. C. Baker. 2,326,278; Aug. 10.
- Bread, Manufacture of. L. S. Harber. 2,323,537; July 6.
- Bread, Manufacture of. L. S. Harber. 2,332,315; Oct. 19.
- Bread slicing machine. A. A. Kottmann, F. L. Bennett and E. R. Keast. 2,311,761; Feb. 23.
- Bread wrapping machine. T. Jensen. 2,320,362; June 1.
- Breaker and cathode, Joint. J. H. Schreiber. 2,325,429; Jan. 27.
- Breaker, Billett. R. G. Le Tourneau. 2,334,940; Nov. 23.
- Breaker for ignition apparatus, Contact. E. A. Watson. 2,330,320; Sept. 25.
- Breaker, Hay. P. Bonnafoux. 2,325,101; July 27.
- Breaker mechanism. J. W. May. 2,315,633; Apr. 6.
- Breaker system, Alternating current reclosing. T. A. Cramer. 2,335,650; Nov. 30.
- Breaker, Vacuum. J. J. Cantor. 2,332,695; Oct. 26.
- Breaking agent for emulsions. A. Moeller. 2,307,058; Jan. 5.
- Breaking agent for emulsions from crude petroleum and salt water and a breakage of said emulsions. K. Boedeker and K. Winnacker. 2,317,726; Apr. 27.
- Breaking device. J. F. Maloney. 2,328,661; Sept. 7.
- Breakwater. H. Streefkerk. 2,309,022; Jan. 19.
- Breather for fluid-actuated machinery. D. Johnston. 2,319,460; May 18.
- Breather plus for electric motors. D. H. Manney. 2,323,146; June 29.
- Breather type tank. J. H. Wiggins. 2,327,085; Aug. 17.
- Breathing apparatus. H. H. Frye and A. R. Behnke. 2,325,049; July 27.
- Breathing apparatus. C. O'Daniel. 2,329,078; Sept. 7.
- Breathing apparatus for swimmers. C. H. Wilen and A. Kramarenko. 2,317,236; Apr. 20.
- Brick. M. Branham. 2,319,205; May 18.
- Brick grab. R. B. Fontaine. 2,323,810-11; July 6.
- Brick pan for bolters. B. Labaree. 2,316,519; Apr. 13.
- Brick press liner. G. E. Seil. 2,324,884; July 20.
- Brick unit. L. B. McCabe. 2,321,403; June 8.
- Bridge. T. Maddock. 2,330,981; Oct. 5.
- Bridge. C. Walters. 2,334,521; Nov. 16.
- Bridge, Aerodynamically stable suspension. H. D. Robinson and D. B. Steinman. 2,333,391; Nov. 2.
- Bridge, Amphibian. A. J. Higgins. 2,321,677; June 15.

- Bridge and analogous construction. I. H. Luke. 2,308,334; Jan. 12.
- Bridge and flooring therefor. C. Tietig and H. N. Henry. 2,308,943; Jan. 19.
- Bridge cable strands. Anchoring suspension. J. T. Martin. 2,311,241; Feb. 16.
- Bridge construction. S. Rice. 2,330,146; Sept. 21.
- Bridge for goggles. Adjustable. S. Fischer. 2,315,115; Mar. 30.
- Bridge foundation and making same. H. H. Allen. 2,317,016; Apr. 20.
- Bridge. Pontoon. H. B. Lindsay. 2,326,236; Aug. 10.
- Bridge plug and packer. Retractable combination. B. M. Davis. 2,332,085; June 29.
- Bridge span. T. F. Sjobom. 2,336,622; Dec. 14.
- Brief case. T. F. Sjobom. 2,318,110; May 4.
- Brief case and the like. H. J. and G. G. Guenther. 2,319,127; May 11.
- Brief case or the like. J. Roth. 2,332,757; Oct. 26.
- Bright-finish metal-treating furnace. W. E. Mahlin. 2,307,522; Jan. 5.
- Brine tank. J. Lithgow and L. K. Jackson. 2,313,080; Mar. 9.
- Briquette carbonizing process using modified tar or pitch binders. C. S. Wolf. 2,314,641; Mar. 23.
- Briquette machine. G. C. Sapp. 2,332,170; Oct. 19.
- Briquette, Smokeless. R. J. Pierson. 2,321,238; June 8.
- Briquetting machine. B. Grob. 2,311,940; Feb. 23.
- Bristles and production thereof. Treating. A. A. Stone. 2,309,121; Jan. 19.
- Broach. M. B. Mentley. 2,320,787; June 1.
- Broach, Roughing. W. J. Phaneuf. 2,312,929; Mar. 2.
- Broach, Roughing. W. J. Phaneuf. 2,314,160; Mar. 16.
- Broach, Sectional pull. W. J. Phaneuf. 2,331,499; Oct. 12.
- Broaching machine. W. L. Groene. 2,315,476; Mar. 30.
- Broaching machine. A. H. Hawley, Sr., and E. D. Vancil. 2,308,689; Jan. 19.
- Broaching machine. E. C. Raehrs and C. M. Beach. 2,333,337; Nov. 2.
- Broaching machine. Hydraulic. B. Welte. Re. 22,318; May 18.
- Broaching machine. Interlocked vertical. K. C. Monroe. 2,327,225; Jan. 5.
- Broadcast facsimile transmission. M. Artzt. 2,326,740; Aug. 17.
- Broadcast receiving apparatus for automatic press button tuning. E. Steffens. 2,335,812; Nov. 30.
- Broadcasting system. J. F. Byrne. 2,313,048; Mar. 9.
- Brother. T. Corra. 2,314,772; Mar. 23.
- Brother. A. Person. 2,309,784; Feb. 2.
- Broiler. Mechanism. C. Klein. 2,327,354; Aug. 24.
- Broiler. Top and bottom fired. W. Lotter. 2,331,707; Oct. 12.
- Brominated acrylonitrile and preparing the same. J. D. D'Annunzio. 2,326,095; Aug. 3.
- Bromine extraction process. F. F. Lindstaedt and D. L. Shatto. 2,323,549; July 6.
- Brooch, Flower holding. C. E. Schwarzkopf. 2,323,572; July 6.
- Brooder. J. M. Mahletadt. 2,312,257; Feb. 23.
- Brooder. H. C. Washburn. 2,309,720; Feb. 2.
- Brooder, Battery. W. M. Willett, G. T. Markey and J. B. Olsen. 2,325,198; July 27.
- Brooder, Chicken. A. L. Kaysing. 2,327,801; Aug. 24.
- Brooder, Conformer for chicken. D. H. Hill and D. B. Tolley. 2,318,777; May 11.
- Brooder, Electric. A. E. Anderson. 2,334,056; Aug. 9.
- Brooder, Electrically heated chicken. A. L. Kaysing. 2,327,800; Aug. 24.
- Brooder house. L. L. Strobel. 2,335,708; Nov. 30.
- Broom machine. J. S. Plumeau and E. C. C. Miller. 2,323,420; July 6.
- Broom. Reversible traction. I. M. Wells. 2,313,412; Mar. 9.
- Brush. M. Abrams. 2,310,186; Feb. 2.
- Brush. J. W. Bate. 2,319,841; May 25.
- Brush. H. Cave. 2,308,674; Jan. 19.
- Brush. R. L. G. Falkman. 2,331,672; Oct. 12.
- Brush. O. L. Miller. 2,331,412; Oct. 12.
- Brush. S. P. Neuhause. 2,326,879; Aug. 17.
- Brush. T. H. Rider. 2,317,485; Apr. 27.
- Brush. C. G. Rowland. 2,312,591; Mar. 2.
- Brush. C. G. Rowland. 2,332,490; Oct. 19.
- Brush abrading device. Wire. W. A. Anderson. 2,324,272; July 13.
- Brush and associated dispensing means for powder material. L. Mead. 2,312,108; Feb. 23.
- Brush and broom. S. Steinmetz. 2,326,576; Aug. 10.
- Brush, Back scrubbing. F. H. Ellinger. 2,318,680; May 11.
- Brush bag holder. J. Albin. 2,308,666; Jan. 19.
- Brush comprising plastic mass. D. R. Wiggam and W. Koch. 2,326,811; Aug. 17.
- Brush cutter. W. W. Staring. 2,309,223; Jan. 26.
- Brush, Electrographic. W. C. Krellner. 2,331,479; Oct. 12.
- Brush, End. R. O. Peterson. 2,325,629; Aug. 3.
- Brush, Fountain. I. J. Woodford. 2,330,323; Sept. 28.
- Brush, Fountain art. M. E. Workman. 2,315,996; Apr. 6.
- Brush holder. F. G. Dieke. 2,325,595; Aug. 3.
- Brush hook. J. J. Savi. 2,309,990; Feb. 2.
- Brush making. J. B. Jones and A. L. Le Febvre. 2,310,897; Feb. 9.
- Brushmaking machine. J. I. Carlson. 2,324,480-1; July 20.
- Brush, Meat block. L. F. Lefke. 2,307,519; Jan. 5.
- Brush, Motor-driven. E. Van Haften. 2,317,314; Apr. 20.
- Brush mounting. O. Zadnik. 2,315,177; Mar. 30.
- Brush, Pan greasing. J. M. Wilde. 2,321,961; June 15.
- Brush, Quill. T. M. Schultz. 2,313,675; Mar. 9.
- Brush, rest and wiper accessory. C. C. Andersen. 2,329,507; Sept. 14.
- Brush, Road. O. W. Bentley and C. L. Stover. 2,330,025; Sept. 21.
- Brush, Roll. C. B. Joslin. 2,317,533; Apr. 27.
- Brush, Rotary. R. O. Peterson. 2,316,185; Apr. 13.
- Brush, Rotary. R. O. Peterson. 2,320,384; June 1.
- Brush, Rotary. J. J. Rojas. 2,322,470; June 22.
- Brush, Rotary. S. Steinmetz and I. E. Schine. 2,311,135; Feb. 16.
- Brush, Scrubbing. S. Gasper. 2,335,503; Nov. 30.
- Brush, Shoe polish. J. Arena. 2,319,028; May 11.
- Brush structure and holder. R. G. Anderson and W. T. Jacobson. 2,324,461; July 13.
- Brushes, Making. H. Cave. 2,314,306; Mar. 16.
- Brushes, Making. E. E. Dawson. 2,311,818; Feb. 23.
- Brushes, Making. E. R. Person. 2,317,110; Apr. 20.
- Brushes, Manufacture of. G. N. Jacob, Jr., and E. B. Wright, Jr. 2,316,870; Apr. 20.
- Brushes, Manufacturing. W. Hertzberg. 2,337,603; Dec. 28.
- Brushing machine. R. F. Knight. 2,334,714; Nov. 23.
- Bubble cap. F. J. Kerrigan. 2,320,822; June 1.
- Bucket. T. H. Johns and P. W. Sylvander. 2,318,835; Mar. 23.
- Bucket carrying device. Overhead. J. Richardson. 2,335,446; Nov. 30.
- Bucket, Centrifugal. H. D. Haley. 2,323,712; July 6.
- Bucket, Discharge. H. H. Spinning. H. J. McDermott and R. W. Stanley. 2,325,787; Aug. 3.
- Bucket cover-retaining device. Spinning. H. J. McDermott. 2,308,382; Jan. 12.
- Bucket, Clamshell. E. L. Harrington. 2,314,395; Mar. 23.
- Bucket, Clamshell. D. M. Schwartz. 2,315,985; Apr. 6.
- Bucket, Discharge. E. H. Thorne. 2,309,284; Jan. 26.
- Bucket holder. M. Lumsley. 2,312,256; Feb. 23.
- Bucket, Replaceable lip dredge. J. Crouch. 2,330,409; Sept. 28.
- Bucket, Spinning. H. P. Fry, Jr. 2,325,763; Aug. 3.
- Bucket tooth. J. W. Page. 2,311,463; Feb. 16.
- Bucket tooth unit. M. J. White. 2,325,991; Aug. 3.
- Buckling bar. F. B. Lear. 2,319,003; May 11.
- Buckle. F. Braun. 2,317,128; Apr. 20.
- Buckle. G. J. Gilmore. 2,327,102; Aug. 17.
- Buckle. A. T. Poole. 2,327,741; Aug. 24.
- Buckle. A. A. Ritter. 2,314,246; Mar. 16.
- Buckle. L. A. Straits. 2,314,373; Mar. 23.
- Buckle. L. A. Straits. 2,314,859; Mar. 23.
- Buckle. E. A. Westerfield. 2,322,609; June 22.
- Buckle. P. W. White. 2,334,462; Nov. 16.
- Buckle and tape assembly machine. J. Shaulson. 2,327,291; Aug. 17.
- Buckle, Bail. P. W. White. 2,317,571; Apr. 27.
- Buckle, Dual purpose. J. P. Schalet and M. D. Pollack. 2,324,430; July 13.
- Buff, Variable. V. F. Lucht. 2,332,520; Oct. 26.
- Buffing and polishing implement. E. I. Harrison. 2,325,785; Nov. 9.
- Buffing machine. E. E. Murray. 2,325,622; Aug. 3.
- Buffing machine. G. F. Wikle. 2,323,744; July 6.
- Buffing machine and the like. Tire shoe. R. R. Pollock. 2,321,936; June 15.
- Buffing machine, Shoe. H. E. Elliott and L. Mawbey. 2,320,420; June 1.
- Buffing means for railway cars and the like. F. W. Hankins and W. J. Meyer. 2,330,708; Sept. 28.
- Buffing or polishing machine. E. E. Murray. 2,324,416; July 13.
- Buffing wheel. V. J. Twynning, F. G. Cyrex, and A. H. Losley. 2,309,553; Jan. 26.
- Builder's hardware. E. H. Johnson. 2,311,278; Feb. 16.
- Builder's safety horse clamp. E. A. Walstrom. 2,330,766; Sept. 28.
- Building. S. M. Wood and J. Roe. 2,309,149; Jan. 26.
- Building and building construction. W. H. Smith. 2,331,083; Oct. 5.
- Building block. J. I. Armao. 2,321,449; June 8.
- Building block. A. A. Blanding, Jr. 2,319,914; May 25.
- Building block. I. Foreman. 2,315,194; Mar. 30.
- Building block. E. T. Putnam. 2,319,345; May 18.
- Building block and wall construction. H. W. Haaker. 2,315,418; Mar. 30.
- Building block, Nonglare glass. G. M. Rapp. 2,322,591; June 22.
- Building blocks, Manufacturing. J. C. Roediger. 2,332,933; Oct. 26.
- Building blocks, Molding. N. J. Mortimer. 2,336,949; Dec. 14.
- Building construction. K. P. Billner. 2,324,554; July 20.
- Building construction. H. Braloff. 2,309,743; Feb. 2.
- Building construction. M. I. Diggs. 2,308,442; Jan. 12.
- Building construction. D. M. Donley. 2,317,955; Apr. 27.
- Building construction. L. A. Falco. 2,312,397; Mar. 2.
- Building construction. R. Fellom. 2,332,706; Oct. 26.

- Building construction. O. S. Jacobsen. 2,326,361; Aug. 10.
- Building construction. E. Knowlton. 2,315,967; Apr. 6.
- Building construction. C. W. Kraus. 2,324,218; July 13.
- Building construction. R. L. Lindahl. 2,317,926; Apr. 27.
- Building construction. W. Neff. 2,335,300; Nov. 30.
- Building construction. A. C. Olsen. 2,313,839; Mar. 16.
- Building construction. A. C. Olsen. 2,317,634-5; Apr. 27.
- Building construction. A. C. Olsen. 2,318,092; May 4.
- Building construction. M. A. Rehn. 2,308,248; Jan. 12.
- Building construction. A. Smith. 2,326,503; Aug. 10.
- Building construction. P. A. Voigt and J. E. Johansen. 2,318,820; May 11.
- Building construction. P. H. Wilkinson. 2,309,147; Jan. 26.
- Building construction. L. L. Williams. 2,307,978; Jan. 12.
- Building construction and clip therefor. O. E. Gibson. 2,335,565; Nov. 30.
- Building construction and unit therefor. F. H. Ruppel. 2,321,860; June 15.
- Building construction, insulating and air-conditioned. G. B. Quatman. 2,333,556; Nov. 2.
- Building construction panel. R. F. Herr. 2,327,265; Aug. 17.
- Building construction, Preformed. I. R. Ford. 2,329,041; Sept. 7.
- Building construction unit comprising light-polarizing material. E. H. Land. 2,323,059; June 29.
- Building construction unit, Interchangeable. P. J. Minck. 2,335,433; Nov. 30.
- Building corner structure. J. C. P. Leemhuis. 2,335,948; Dec. 7.
- Building covering material. M. Drinkall. 2,335,493; Nov. 30.
- Building material. W. W. Hodge. 2,307,270; Jan. 5.
- Building material. P. R. Hollander. 2,318,857; May 11.
- Building material and producing the same. N. P. Harshberger. 2,332,221; Oct. 19.
- Building material, Decorative. P. H. Pennell. 2,320,979; June 1.
- Building material, Making. N. P. Harshberger. 2,308,173; Jan. 12.
- Building materials, Treating. A. W. Ralston and R. J. Vander Wal. 2,317,301; Apr. 20.
- Building, Prefabricated. L. A. Cheshier. 2,332,059; Oct. 19.
- Building structure. L. A. Benoit. 2,337,224; Dec. 21.
- Building structure. J. Cowin. 2,328,197; Aug. 31.
- Building structure. R. W. McLaughlin, Jr. 2,317,621; Apr. 27.
- Building structure. J. C. Morrell. 2,307,787; Jan. 12.
- Building structure. A. C. Olsen. 2,307,898-9; Jan. 12.
- Building structure. A. C. Olsen. 2,335,302-3; Nov. 30.
- Building structure. I. Stagg. 2,308,789-90; Jan. 19.
- Building structure. I. Stagg. 2,320,480; June 1.
- Building structure. W. E. Wilson. 2,321,568; June 15.
- Building structure or unit. H. H. Zimmerman. 2,335,836; Nov. 30.
- Building unit. E. T. Putnam. 2,325,800; Aug. 3.
- Building unit. W. H. Spaulding. 2,319,166; May 11.
- Building unit and construction made therefrom. R. R. Colburn. 2,318,058; May 4.
- Building unit, Composite. E. H. Haux. 2,310,432; Feb. 9.
- Building unit, Composite. J. W. Jordan. 2,333,723; Nov. 9.
- Building unit for steel reinforced walls, Hollow. E. F. Wanner. 2,326,708; Aug. 10.
- Building unit, Sectional. E. S. Guignon, Jr. 2,333,999; Nov. 9.
- Building units, Making cementitious. H. Niederreither and O. Lang. 2,328,290; Aug. 31.
- Building wall. J. C. Hain. 2,311,170; Feb. 16.
- Building wall construction. L. E. Willson. 2,335,555; Nov. 30.
- Building wall corner construction. C. J. Henry. 2,309,192; Jan. 26.
- Building wall, Prefabricated. H. Hasenburger and H. W. Corbett. 2,309,453; Jan. 26.
- Building walls and lighting equipment, Combined. D. H. Tuck. 2,330,935; Oct. 5.
- Buildings or the like, Cleaning. N. Lamont. 2,311,670; Feb. 23.
- Built-up wheel. H. A. Hoke. 2,331,780; Oct. 12.
- Bulb, Dispensing. L. T. Ward. 2,322,183; June 15.
- Bulb, Flash. A. L. Stevens and H. J. D'Innocenzo. 2,324,959; July 20.
- Bulb grading machine. V. L. Parker. 2,316,986; Apr. 20.
- Bulb, Light. R. Boardman. 2,327,396; Aug. 24.
- Bulk compound into vulcanized sponge rubber, Converting. F. M. Daley and L. H. De Wyk. 2,315,366; Mar. 30.
- Bulk treating machine, Automatic. J. V. Davis. 2,319,391; May 18.
- Bulkhead, Convertible. C. S. Johnston. 2,331,197; Oct. 5.
- Bulkhead for refrigerator cars, Convertible. J. S. Lundvall. Re. 22,271; Feb. 16.
- Bulkhead for refrigerator cars, Convertible. J. S. Lundvall. 2,308,468; Jan. 12.
- Bulkhead for refrigerator cars, Convertible. J. S. Lundvall. 2,316,265; Apr. 13.
- Bulkhead for refrigerator cars, Convertible. J. S. Lundvall. 2,323,665; July 6.
- Bulkhead for refrigerator cars, Convertible. A. F. O'Connor. 2,324,720-1; July 20.
- Bulkhead, for refrigerator cars, Convertible. A. F. O'Connor. 2,333,879; Nov. 9.
- Bulkhead for refrigerator cars, Convertible. A. F. O'Connor. 2,333,949; Nov. 9.
- Bulkhead, Ship joint. J. A. Bohnsack. 2,333,289; Nov. 2.
- Bulkhead structure, Movable. J. S. Lundvall. 2,328,820; Sept. 7.
- Bulldozer. E. S. Fox and J. A. Greenwood. 2,335,851; Dec. 7.
- Bulldozer. T. R. Paulsen. 2,308,535; Jan. 19.
- Bulldozer. T. R. Paulsen. 2,321,615; June 15.
- Bulldozer attachment, Demountable. C. D. Forte. 2,322,432; June 22.
- Bullet. R. H. Clark. 2,324,678; July 20.
- Bullet. F. Kowalski, Jr. 2,316,172; Apr. 13.
- Bullet. S. St. P. Meek. 2,319,248; May 18.
- Bullet core stripper machine. R. F. Townsend. 2,335,710; Nov. 30.
- Bullet, Explosive. R. R. Clark. 2,321,128; June 8.
- Bullet, Incendiary. W. R. Bluehorn and R. N. Nelson. 2,323,303; July 6.
- Bullet, Incendiary. J. J. Hick. 2,337,658; Dec. 28.
- Bullet, Retainer means for gun perforators. G. F. Turechek. 2,313,402; Mar. 9.
- Bumper. J. C. Dudley. 2,328,378; Aug. 31.
- Bumper. N. R. Wolfe. 2,329,808; Sept. 21.
- Bumper and grille, Combined. R. Cadwallader and J. J. Chika. 2,329,874; Sept. 21.
- Bumper, Ball. E. Hooker and C. Livingston. 2,322,091; June 15.
- Bumper construction, Vehicle. J. R. Reyburn. 2,314,600; Mar. 23.
- Bumper for commercial vacuum cleaners. J. J. Colling. 2,330,684; Sept. 28.
- Bumper guard. W. T. Mears. 2,308,094; Jan. 12.
- Bumper guard construction. M. D. Walkiet. 2,309,368; Mar. 9.
- Bumper switch for ball rolling games. F. W. Moxey. 2,310,163; Feb. 2.
- Bumper switch unit for ball rolling games. M. J. Binks. 2,319,786; May 25.
- Bumping machine. M. O. Rose. 2,322,318; June 22.
- Bun pressing machine. D. E. Walter. 2,317,316; Apr. 27.
- Bundle header. J. E. Eklund. 2,312,530; Mar. 2.
- Bundling or gripping device. J. G. Lewis. 2,323,819; July 6.
- Bung opening construction. A. W. McClary. 2,308,089; Jan. 12.
- Bung sput. C. C. Voglesong. 2,328,696; Sept. 7.
- Buoyancy system. J. Hérail and R. Gauthier. 2,313,295; Mar. 9.
- Burglar alarm for motor vehicles. M. L. Jacobs. 2,328,215; Aug. 31.
- Burial vault mold. B. M. Fifer. 2,336,003; Dec. 7.
- Burner. See—
- | | |
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| Booster burner. | Hydrocarbon fuel burner. |
| Combination refuse burner. | Liquid fuel burner. |
| Conversion oil burner. | Mechanical atomizing burner. |
| Electrical incense burner. | Oil burner. |
| Fuel burner. | Pulverized coal burner. |
| Fuel oil burner. | Pulverized fuel burner. |
| Gas and oil burner. | Rotary gas burner. |
| Gas burner. | Safety pilot burner. |
| Gas pilot burner. | Singeing burner. |
| Gas range burner. | Starter burner. |
| Hydrocarbon burner. | |
- Burner. R. C. Sabins. 2,307,859; Jan. 12.
- Burner assembly. C. E. Parker. 2,307,063; Jan. 5.
- Burner assembly for ranges. B. W. Tullis. 2,321,169; June 8.
- Burner construction. L. B. Luellen. 2,331,989; Oct. 19.
- Burner control. G. I. Holmes. 2,309,317; Jan. 26.
- Burner control apparatus. H. F. Alfery. 2,322,410; June 22.
- Burner control apparatus. H. F. Alfery. 2,329,682; Sept. 14.
- Burner control apparatus. C. V. Hildebrecht. 2,312,547; Mar. 2.
- Burner control for reversing furnaces. C. J. Geisel and F. D. Nielsen. 2,336,538; Dec. 14.
- Burner control mechanism, Gas stove. R. Besocke. 2,327,589; Aug. 24.
- Burner control system. W. M. Couzens. 2,315,773-4; Apr. 6.
- Burner control system. W. A. Ray. 2,331,570; Oct. 12.
- Burner control system. B. E. Shaw. 2,332,269; Oct. 19.
- Burner control system, Automatic. R. S. Craig. 2,325,229; July 27.
- Burner head and mounting. J. T. Voorheis. 2,323,635; July 6.
- Burner means, especially for glass-making furnaces or tanks. V. Mulholland. 2,310,704; Feb. 9.
- Burnishing machine. E. W. Smith. 2,326,895; Aug. 17.
- Burr elimination, Perforation. R. E. Hendrickson. 2,308,006; Jan. 12.
- Burring machine. R. S. Drummond. 2,316,676; Apr. 13.

- Rus. T. Crawford. 2,315,688; Apr. 6.
 Bus bar conduit. F. Harvey. 2,309,611; Jan. 26.
 Bus duct. F. B. Adam. 2,310,919; Feb. 16.
 Bus duct system. W. H. Frank. 2,322,799; June 29.
 Bus seat securing means. R. S. Turner. 2,327,003; Aug. 17.
 Bus structures. H. H. Rugg and P. R. Pierson. 2,313,972; May 16.
 Bushing. R. L. Kuss. 2,308,967; Jan. 19.
 Bushing. E. F. Riesing. 2,308,966; Jan. 19.
 Bushing roller device. C. A. Brotherton. 2,309,824; Feb. 2.
 Bushing tool. C. E. Johnson, Jr. 2,310,639; Feb. 9.
 Butadiene copolymers. Preparation of. C. F. Fryling. 2,313,233; Mar. 9.
 Butadiene. Preparing. P. K. Frolich and B. M. Vanderbilt. 2,322,122; June 15.
 Butadiene. Production of. O. Schmidt and S. Stadelmann. 2,326,258; Aug. 10.
 Butadiene. Purification of. D. Craig. 2,318,988; May 11.
 Butane. Treatment of. V. N. Ipatieff and H. Pines. 2,325,122; July 27.
 Butcher block. F. J. Schmitt, Jr. 2,328,503; Aug. 31.
 Butchering apparatus. P. L. Gamble. 2,337,236; Dec. 21.
 Butter-chip maker. M. J. Weinberg. 2,312,511; Mar. 2.
 Butter. Controlling the composition of. J. K. Conner, W. Bird, C. B. Plakker, and O. J. Johnson. 2,331,656; Oct. 12.
 Butter cutter. W. K. Youngberg. 2,309,814; Feb. 2.
 Butter-cutting mechanism. R. E. Gustafson and M. H. Oviatt. 2,328,800; Sept. 7.
 Butter. Cutting print. J. Fuest, Jr. 2,331,902; Oct. 19.
 Butter dispenser. F. C. Walters and C. E. Frouman. 2,312,456; Mar. 2.
 Butter former. W. K. Youngberg. 2,309,815; Feb. 2.
 Butter. Making. C. Schwartz. 2,311,598; Feb. 16.
 Buttermilk. Manufacture of cultured. C. Schwartz. 2,311,599; Feb. 16.
 Butter mold. J. M. Charlton. 2,319,594; May 18.
 Butter slicing and dispensing machine. W. F. Coleman. 2,311,618; Feb. 16.
 Butter vending machine. S. Castro. 2,325,637; July 27.
 Button. J. P. Schalet and M. D. Pollack. 2,324,431; July 13.
 Button. R. H. Wollin. 2,326,593; Aug. 10.
 Button and clasp. J. Matsumoto. 2,331,489; Oct. 12.
 Button attaching machine. J. Nielsen. 2,332,249; Oct. 19.
 Button. Composite: metallic and nonmetallic. W. F. Kaynor and H. W. Baer. 2,322,578; Oct. 26.
 Button holder. J. Russell. 2,318,369; May 4.
 Button. Lapel. C. F. Mitchell. 2,322,698; June 22.
 Button loop. G. H. Elwell. 2,322,626; Oct. 26.
 Button making. G. E. Pfeiffer. 2,333,121; Nov. 2.
 Button. Push. J. Bierenfeld. 2,316,834; Apr. 20.
 Button. Reinforced plastic. D. S. Hart and A. D. Cronk. 2,327,521; Aug. 21.
 Button. Removable cap. E. Kurzweil and M. H. McCann. 2,334,104; Nov. 9.
 Button stays. Making. L. L. Almond, F. Ferguson, and J. F. Baker. 2,334,685; Nov. 16.
 Button. Steering wheel. C. B. Woodson. 2,331,588; Oct. 12.
 Button. Trimming, or the like. L. M. Rouse. 2,336,192; Dec. 7.
 By-pass and releasing means. R. Bassinger. 2,317,021; Apr. 20.
 By-pass type liner hanger. E. Burns. 2,310,572; Feb. 9.
 By-pass valve. J. C. Travilla, Jr., and H. E. Doerr. 2,311,912; Feb. 23.
 Cab bracing means. Locomotive. C. K. Steins. 2,321,330; June 8.
 Cab for fireless locomotives. P. Gill. 2,310,778; Feb. 9.
 Cabinet: See—
 Collapsible storage cabinet. Refrigerated cabinet.
 Convertible radio cabinet. Refrigerated display cabinet.
 Cooler cabinet. Refrigerator cabinet.
 Display cabinet. Sand blast cabinet.
 Filing cabinet. Service stall and service cabinet.
 Film drier cabinet. Sewing machine cabinet.
 Film ejecting storage cabinet. Shower cabinet.
 Hectograph roll cabinet. Sink cabinet.
 Humidifier cabinet. Sterilizing cabinet.
 Ice cream hardening and dispensing cabinet. Switch cabinet.
 Ironing machine cabinet. Table cabinet.
 Make-up cabinet. Vapor bath cabinet.
 Radio cabinet. Work cabinet.
 Cabinet. G. F. Braun. 2,331,166; Oct. 5.
 Cabinet. H. C. Bullard. 2,318,921; May 11.
 Cabinet. R. H. Colwill. 2,331,655; Oct. 12.
 Cabinet. E. D. Davis. 2,325,483; July 27.
 Cabinet. G. Friedl, Jr. 2,337,159; Dec. 21.
 Cabinet. C. Huenlich. 2,312,907; Mar. 2.
 Cabinet. P. Rosenberg. 2,326,255; Aug. 10.
 Cabinet, and more particularly printer's form storage, cabinet. Storage. W. A. Duboc, R. I. Scheuer, and G. R. Christensen. 2,333,097; Nov. 2.
 Cabinet attachment. Medicine. R. H. Lathrop. 2,321,921; June 15.
 Cabinet construction. H. S. Carlson. 2,326,330; Aug. 10.
 Cabinet construction. L. E. Dempsey and R. F. Skerl. 2,311,645; Feb. 23.
 Cabinet construction. R. W. Hastings. 2,311,540; Feb. 16.
 Cabinet construction. I. O. Smart. 2,316,632; Apr. 13.
 Cabinet construction. Corner base. R. F. White. 2,313,690; Mar. 9.
 Cabinet drawer. Filing. G. W. Cushing. 2,335,391; Nov. 30.
 Cabinet for portable radio receiver sets. M. Zavattaro. 2,319,527; May 18.
 Cabinet for rolled webs of paper and the like. Dispensing. A. G. Krueger. 2,322,456; June 22.
 Cabinet ironing board. L. B. Wiley. 2,333,222; Nov. 2.
 Cabinet latch. J. W. Samzelius. 2,326,069; Aug. 3.
 Cabinet structure. J. E. Bales. 2,326,320; Aug. 10.
 Cabinet structure. W. E. Nofzinger. 2,317,296; Apr. 20.
 Cabinets for refrigerators. Manufacture of. N. Erland. 2,321,589; June 15.
 Cable: See—
 Armored cable. Electric communication cable.
 Composite control cable. Electric power cable.
 Electric cable. Ignition cable.
 Cable. O. W. Hosking. 2,317,556; Dec. 28.
 Cable. E. C. Myers. 2,326,719; Aug. 10.
 Cable balancing method and apparatus. W. D. Buckingham. 2,321,649; June 15.
 Cable clamp. B. Jaszcak. 2,337,895; Dec. 28.
 Cable clamp. V. E. Juslin and J. P. Carlevaro. 2,310,440; Feb. 9.
 Cable clamp. C. W. Roberts. 2,315,082; Mar. 30.
 Cable connector. C. E. Howers. 2,315,685; Apr. 6.
 Cable connector. R. I. Markey. 2,331,409; Oct. 12.
 Cable connector. W. Meyer. 2,329,898; Sept. 21.
 Cable cutting device for use on aircraft. J. Martin. 2,335,952; Dec. 7.
 Cable joint and process. L. I. Komives and J. D. Piper. 2,312,652; Mar. 2.
 Cable markers. Producing. O. Dale. 2,313,465; Mar. 9.
 Cable power unit. G. S. Allia. 2,334,167; Nov. 16.
 Cable pulling attachment. S. M. Sutton. 2,327,831; Aug. 24.
 Cable reel for mine sweepers. F. R. Capps. 2,331,763; Oct. 12.
 Cable ring. W. T. Pritchard. 2,332,112; Oct. 19.
 Cable sheaths. Making repairs and joints in. G. M. Bouton, G. S. Phipps, and E. E. Schumacher. 2,321,731; June 15.
 Cable splicer. I. Jacol. 2,323,774; July 6.
 Cable structure. R. M. Thomas, I. E. Lightbown, and W. J. Sparks. 2,320,313; May 25.
 Cable support. H. J. Schmitt. 2,322,666; June 22.
 Cable tension regulator. E. B. Cushman. 2,327,021; Aug. 17.
 Cable tensioner. J. F. Topinka. 2,336,818; Dec. 14.
 Cable tensioning mechanism. F. H. Taylor. 2,328,364; Aug. 31.
 Cable terminal. F. G. Cox. 2,310,201; Feb. 9.
 Cable testing device. M. F. Peters. 2,323,931; July 13.
 Cables. Making. L. S. Burgett. 2,309,439; Jan. 26.
 Cables. Shielded. T. F. Peterson. 2,322,702; June 22.
 Cables to hoist drums. Securing. E. E. Robins. 2,329,943; Sept. 21.
 Cage. G. D. Grogan. 2,331,866; Oct. 12.
 Cage. E. W. Little. 2,316,263; Apr. 13.
 Cage construction for roller bearings. R. R. Kilian. 2,322,143; June 15.
 Cage for grinding machines and the like. W. P. Gruendler. 2,317,909; Apr. 27.
 Cage. Mine hoistway. A. R. and J. B. Long. 2,327,913; Aug. 24.
 Cake candle holder. A. W. Krieg. 2,316,342; Apr. 13.
 Cake. Favor. M. F. Lemrow. 2,334,497; Nov. 16.
 Calcimine washing machine. F. I. Demikis. 2,335,491; Nov. 30.
 Calcium antimonate. Manufacturing of. C. J. Harbert and L. A. Bateman. 2,329,161; Sept. 7.
 Calcium gluconate solutions. W. B. Baker. 2,325,029; July 27.
 Calcium silicate. Treating. R. P. Allen. 2,314,188; Mar. 16.
 Calcium sulphate composition. G. W. Talbert. 2,318,540; May 4.
 Calcium sulphate. Manufacture of. P. Kubelka and E. Reiner. 2,316,343; Apr. 13.
 Calcium sulphate production. R. W. Sullivan. 2,331,515; Oct. 12.
 Calculating and like machine. Light-controlled. D. Brodlo. 2,337,082; Dec. 21.
 Calculating apparatus. C. W. Telander. 2,319,891; May 25.
 Calculating device. H. Ernst and R. D. Wortendyke. 2,331,967; Oct. 19.
 Calculating device. A. T. Harris. 2,307,584; Jan. 5.
 Calculating device. A. A. Olson. 2,307,534; Jan. 5.
 Calculating device. W. F. Shaw. 2,324,957; July 20.
 Calculating instrument. A. M. Perkins. 2,334,725; Nov. 23.
 Calculating machine. H. T. Avery. 2,320,025; May 25.
 Calculating machine. H. T. Avery. 2,335,226; Nov. 30.

- Calculating machine. R. E. Boyden and H. T. Avery. 2,333,234; Nov. 2.
- Calculating machine. S. Brand. 2,307,105; Jan. 5.
- Calculating machine. G. C. Chase. 2,309,240; Jan. 26.
- Calculating machine. A. J. Fettig. 2,337,091; Dec. 21.
- Calculating machine. C. M. Friden. 2,313,817; Mar. 16.
- Calculating machine. C. M. Friden. 2,315,780; Apr. 6.
- Calculating machine. C. M. Friden. 2,325,388; July 27.
- Calculating machine. C. M. Friden. 2,327,635; Aug. 24.
- Calculating machine. C. M. Friden. 2,327,981; Aug. 31.
- Calculating machine. C. M. Friden and F. C. Carroll Jr. 2,311,354; Feb. 16.
- Calculating machine. C. M. F. Friden. 2,310,280-1; Feb. 9.
- Calculating machine. C. M. F. Friden and J. H. Gammell. 2,327,704; Aug. 24.
- Calculating machine. E. B. Jessup and H. T. Avery. Jan. 2, 232; Nov. 30.
- Calculating machine. W. E. Mathli. 2,318,241; May 4.
- Calculating machine. J. L. Moody. 2,330,512; Sept. 28.
- Calculating machine. J. L. Moody. 2,334,430-1; Nov. 16.
- Calculating machine. N. B. Pinyan. 2,329,649; Sept. 14.
- Calculating machine. E. Racz. 2,317,086; Apr. 20.
- Calculating machine. R. M. Starrett. 2,315,908; Apr. 6.
- Calculating machine. J. A. W. Turck. 2,316,464; Mar. 30.
- Calculating machine. H. Uhlmann. 2,335,368; Nov. 30.
- Calculating machine storage device and indicator therefor. R. Anschütz and R. Gröschel. 2,322,996; June 29.
- Calculator. M. Fleischer. 2,325,761; Aug. 3.
- Calculator. J. Robitschek. 2,313,021; Mar. 2.
- Calculator. A. L. Thurston and B. Sweeney. 2,334,135; Nov. 9.
- Calculator, Astrological. E. E. Cissna. 2,315,316; Mar. 30.
- Calculator, Fuel engineer's. F. Q. Saunders. 2,328,881; Sept. 7.
- Calculator, Harmonic. G. W. Thompson. 2,326,413; Aug. 10.
- Calculator, Listing. L. P. Crossman. 2,323,205; June 29.
- Calculator respecting water streams used for fire fighting or other purposes. G. O. Stevenson. 2,307,967; Jan. 12.
- Calculator, Slide. E. S. Russell. 2,323,937; July 13.
- Calendar. M. Lichter. 2,321,607; June 25.
- Calendar. L. B. Martin. 2,317,788; Apr. 27.
- Calendar, Pull-down. W. F. Vernon. 2,318,516; May 4.
- Calendar and process for making plastic sheets. D. Domizi. 2,317,447; Apr. 27.
- Calendar rack. F. M. Morton. 2,319,553; May 18.
- Calendar roll for carding machines. Compression. J. P. Garrett, Sr. 2,310,581; Feb. 9.
- Calendar roll, Quick change. H. A. Anderson. 2,308,040; Jan. 12.
- Calendar, Rotary drum. E. Kottle. 2,325,863; Dec. 7.
- Calendarizing mechanism for card silver working machines. E. C. Gwaltney and P. B. West. 2,322,711; June 22.
- Calf feeder. M. Bruehl. 2,329,245; Sept. 14.
- Calf feeder. L. W. Graham. 2,329,347; Sept. 14.
- Calibrating device. R. L. Downey. 2,315,945; Apr. 6.
- Calibrating means for piston meters. A. L. Grise. 2,326,637; Aug. 10.
- Caliper. D. McGreevy. 2,315,806; Apr. 6.
- Caliper, Angle-measuring. M. A. Arndt. 2,328,768; Sept. 7.
- Caliper, Quick reading. A. O. Palik. 2,307,945; Jan. 12.
- Caliper, Tube. V. A. Milligan. 2,324,865; July 20.
- Caliper device. F. P. Clark. 2,314,480; Mar. 23.
- Calipers. A. B. Pike. 2,332,610; Oct. 19.
- Calking compound. H. L. Acker. 2,325,726; Aug. 3.
- Call indicator. L. G. Schimpf. 2,315,456; Mar. 30.
- Call transmitter. B. D. Willis. 2,329,022; Sept. 7.
- Calling dial device. H. W. Goff. 2,327,782; Aug. 24.
- Cam, Adjustable. C. E. Gollmer. 2,307,214; Jan. 5.
- Cam, Adjustable. E. J. Kuebert. 2,322,031; June 15.
- Cam bodies, Making. D. E. Wobbe. 2,326,815; Aug. 17.
- Cam bodies, Method of and apparatus for making. F. Krueger. 2,337,901; Dec. 28.
- Cam developing mechanism. G. L. Atherholt, Sr., E. P. Anderson, and L. G. Graham. 2,321,789; June 15.
- Cam follower. S. R. Thomas. 2,318,903; May 11.
- Cam follower. J. F. Wein. 2,311,423; Feb. 16.
- Cam follower and the like. S. W. Anderson. 2,335,988; Dec. 7.
- Cam grinding machine. H. E. Balsiger. 2,323,189; June 29.
- Cam grinding machine. C. W. Lang. 2,334,938; Nov. 23.
- Camlike control apparatus, Adjustable. B. Edelman. 2,310,357; Feb. 9.
- Cam mechanism. B. C. Davis and C. W. Graham. 2,308,963; Jan. 19.
- Cam mechanism, Reciprocating. J. Dawson. 2,316,408; Apr. 13.
- Cam mechanism, Variable. O. E. Cote. 2,324,767; July 20.
- Camshaft for internal combustion engines. J. E. Griffith and E. R. Burke. 2,307,926; Jan. 12.
- Cam track, Adjustable. J. W. Neff. 2,313,477; Mar. 9.
- Camera. M. H. Axler and E. Halitsk. 2,325,463; July 27.
- Camera. A. Briechele, R. T. Hurley, and G. E. Merritt. 2,309,300; Jan. 26.
- Camera. L. del Riccio. 2,320,350; June 1.
- Camera. R. Plackel. 2,311,822; Feb. 23.
- Camera. O. W. Githens and G. Kende. 2,320,423; June 1.
- Camera. G. P. Grover. 2,310,850; Feb. 9.
- Camera. V. L. Howard. 2,335,759; Nov. 30.
- Camera. W. C. Huebner. 2,317,612; Apr. 27.
- Camera. G. Kende and O. K. Cazin. 2,317,465; Apr. 27.
- Camera. R. Place. 2,328,847; Sept. 7.
- Camera. F. T. Sonne. 2,307,646; Jan. 5.
- Camera, Aerial. E. R. Davies, E. W. H. Selwyn, and J. M. Otazu. 2,333,768; Nov. 9.
- Camera and focusing mechanism therefor, Photographic. C. W. Crumrine. 2,331,658; Oct. 12.
- Camera and light synchronizer. I. Jacobson. 2,311,440; Feb. 16.
- Camera and view finder means therefor. P. F. Sperry, P. F. and J. Briskin. 2,322,399; June 22.
- Camera attachment. M. Schwartz and W. Castedello. 2,321,945; June 15.
- Camera attachment, Roll film. E. Ericksson. 2,312,887; Mar. 2.
- Camera back latch. J. W. Gillon and G. A. Haraden. 2,330,025; Aug. 3.
- Camera bellows and making same. R. S. Hopkins. 2,327,790; Aug. 24.
- Camera, Compositor. W. C. Huebner. 2,324,842; July 20.
- Camera construction, Motion picture. P. F. Sperry, H. B. Sperry, and T. S. Briskin. 2,322,401; June 22.
- Camera construction, Roll holding. L. W. Lessler. 2,326,870; Aug. 17.
- Camera, Controllable means. P. F. Sperry. 2,323,576; July 6.
- Camera, Document photographing. V. C. Heybourne. 2,323,600; July 6.
- Camera, Film. G. Bakos. 2,308,260; Jan. 12.
- Camera, Folding. M. R. Hutchison, Jr. 2,319,063; May 11.
- Camera, Folding. M. R. Hutchison, Jr. 2,327,797; Aug. 24.
- Camera mechanism. O. K. Cazin. 2,309,382; Jan. 26.
- Camera, Miniature. C. A. Clarke. 2,330,406; Sept. 28.
- Camera, Motion picture. H. S. Dunn. 2,317,096; Apr. 20.
- Camera mounting. W. E. Johnston. 2,326,657; Aug. 10.
- Camera, Multiple film carrying. W. D. Thompson. 2,315,284; Mar. 30.
- Camera, Photographic. L. Bertele. 2,323,005; June 29.
- Camera, Photographic. W. A. Kosken and P. J. Browncombe. 2,309,403; Jan. 26.
- Camera, Photographic. H. Nerwin. 2,319,341; May 18.
- Camera, Photographic. L. G. Ranft and F. Stömmmer. 2,308,934; Jan. 19.
- Camera, Photographic. F. Wagner. 2,323,739; July 6.
- Camera, Recording. G. B. Finnegan, Jr., and H. N. Durham. 2,336,081; Dec. 7.
- Camera, Roll-film. H. Kuppenbender, H. Eyth, and E. Jörg. 2,335,426; Nov. 30.
- Camera, Roll-film. H. Nerwin and K. Wunderlich. 2,335,439; Nov. 30.
- Camera shutter. C. C. Fuerst. 2,327,780; Aug. 24.
- Camera, Shutter cover. N. B. Green and W. A. Riddell. 2,333,778; Nov. 9.
- Camera, Stereoscopic. A. Ringer and O. C. Lowe. 2,328,677; Sept. 7.
- Camera, Television. W. C. Eddy. 2,315,406; Mar. 30.
- Cameras and the like, Mounting device for. I. B. Pole-Evans. 2,336,801; Dec. 14.
- Cameras, Quickly ready pouch for snapshot. E. Kupferschmid. 2,323,653; June 29.
- Cameras, Shutter release for folding. E. L. Fischer. 2,336,396; Dec. 7.
- Campbene, Preparing. C. O. Henke and G. Etzel. 2,318,391; May 4.
- Can. See—
- Garbage can. Milk can.
- Gasoline safety can. Pouring can.
- Hermetically sealed can. Powder can.
- Key-opening can.
- Can aligner. A. R. Thompson and E. G. Bauer. 2,324,246; July 13.
- Can and testing machine. W. W. Maher. 2,330,229; Sept. 28.
- Can arranging apparatus. W. D. Kimball. 2,312,060; Feb. 23.
- Can-arranging device. M. F. Weeks. 2,329,312; Sept. 14.
- Can bag unloader and can unscrambling apparatus. H. L. Minaker and H. J. Kuntz. 2,338,048; Dec. 28.
- Can body cooling means. J. H. O'Neil. 2,338,054; Dec. 28.
- Can body flanging machine, Oblong. P. E. Pearson and R. M. Mero. 2,329,291; Sept. 14.
- Can cleaning device. N. P. Bach. 2,327,986; Aug. 31.
- Can closing machine. W. D. Jordan and H. N. Mondloch. 2,323,914; July 13.
- Can closing machine. M. J. McLaughlin. 2,522,246; June 22.
- Can closing machine. H. L. Minaker. 2,338,047; Dec. 28.
- Can closing machine. J. H. Murch. 2,322,250; June 22.
- Can closing machine. H. B. Peterson. 2,318,623; May 11.
- Can crusher and baler. M. S. Wells. 2,316,734; Apr. 13.

- Cap double seaming machine. H. L. Guenther. 2,311,568; Feb. 16.
- Cap end closure attaching machine. O. A. Schmitt. 2,333,939; July 13.
- Cap ends, joining. J. M. Hothersall. 2,313,750; Mar. 16.
- Cap filling machine. A. O. Giles, E. S. Sheffield, Jr., F. T. Maruoka, and B. J. Butler. 2,315,255; Mar. 30.
- Cap filling machine. R. E. J. Nordquist and H. L. Bryant. 2,336,415; Dec. 7.
- Cap for frozen food or the like, Preset pressure. R. Lo Vivo. 2,336,490; Dec. 14.
- Cap handling apparatus. W. I. Gladfelter and W. H. Moore. 2,335,239; Nov. 30.
- Cap handling apparatus. A. R. Thompson. 2,335,618; Nov. 30.
- Cap handling machine. E. E. Hanson. 2,327,888; Aug. 24.
- Cap holder. C. Knight. 2,321,824; June 15.
- Cap intended particularly for frozen products. E. L. Benedict. 2,332,553; Oct. 26.
- Cap leak detector. L. I. Bagley. 2,309,231; Jan. 26.
- Cap making machine. J. M. Hothersall. 2,313,748; Mar. 16.
- Cap making machine. J. M. Hothersall. 2,323,329; July 6.
- Cap making machine. F. Krueger. 2,317,019; Apr. 27.
- Cap opener. B. L. Brynjolfsson. 2,310,210; Feb. 9.
- Cap opener. J. M. Hothersall. 2,311,660; Feb. 23.
- Cap opener. K. R. Leek. 2,317,541; Apr. 27.
- Cap opener and holder, Condensed milk. N. J. Harvey. 2,321,485; June 8.
- Cap opener, Rotary type. R. E. McLean. 2,314,506; Apr. 23.
- Cap parts, Forming. J. M. Hothersall. 2,313,749; Mar. 16.
- Cap perforator and dispenser. V. F. and G. V. Gouch. 2,317,755; Apr. 27.
- Cap seaming machine. J. E. Socke. 2,334,224; Nov. 16.
- Cap seaming machine. J. Mills. 2,308,296; Jan. 12.
- Cap testing device. B. Shumark. 2,329,290; June 1.
- Cap testing machine. J. Fisher. 2,322,230; June 22.
- Cap testing machine. F. Krueger. 2,311,115; Feb. 16.
- Cap testing machine. C. F. Peck. 2,332,525; Oct. 26.
- Cap treating machine. T. Regg. 2,323,190; June 29.
- Cap treating machine. H. J. Paynter. 2,323,350; July 6.
- Cap washer. W. de Back. 2,333,094; Nov. 2.
- Cap welding machine. J. L. Anderson. 2,314,437; Mar. 23.
- Canned food product. E. G. Gustavson. 2,310,028; Feb. 2.
- Canned foods, Processing. A. R. Kennedy. 2,322,693; June 22.
- Canning apparatus. K. Kurzbis. 2,326,146; Aug. 10.
- Canning, Food. F. C. Marx. 2,317,470; Apr. 27.
- Canning meat and meat products. C. L. Griffith and S. L. Komarik. 2,331,467; Oct. 12.
- Canalization. P. Jacquier. 2,318,401; May 4.
- Candles, Production of. R. Schönlend and H. Fiedler. 2,330,630; Sept. 28.
- Candle. R. A. Baur and B. M. Melvin. 2,308,738; Jan. 19.
- Candle and candle sections. J. M. Powers and P. W. Russell. 2,324,723; July 20.
- Candle and making, Multiple wick. M. C. Hamblet. 2,310,019; Feb. 2.
- Candle base and assembly. M. C. Hamblet. 2,330,705; Sept. 28.
- Candle burning device. P. W. Russell. 2,316,812; Apr. 20.
- Candle, Citronella. P. J. Driscoll. 2,323,804; July 6.
- Candle holder. A. T. Candy, Jr. 2,316,837; Apr. 20.
- Candle ornamenting method. R. C. Webber. 2,315,751; Apr. 6.
- Candler, Cherry. R. M. Magnuson. 2,308,190; Jan. 12.
- Canister. C. W. Funtun and W. P. Yant. 2,334,840; Nov. 23.
- Cap: See—
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| Bottle cap. | Padless crown cap. |
| Bubble cap. | Post cap. |
| Chef's cap. | Protector cap. |
| Chimney cap. | Safety blasting cap. |
| Closure cap. | Sanitary drinking cap. |
| Core cap. | Snap-on attachment cap. |
| Gasoline tank sealing cap. | Spinning cap. |
| Jar cap. | |
- Cap and auxiliary container, Combination. P. A. Derham and J. H. Newport, Jr. 2,320,070; May 25.
- Cap and clip for fountain pens. J. J. Larmour. 2,318,950; May 11.
- Cap and closure for containers, Dispensing. A. H. Peterson. 2,312,584; Mar. 2.
- Cap and making, Closure. J. C. Gibbs. 2,309,308; Jan. 26.
- Cap and making the same. L. Schreyer. 2,318,185; May 4.
- Cap and supporting frame therefor. J. Sullivan. 2,307,713; Jan. 5.
- Cap applying apparatus. L. E. Davies. 2,337,032; Dec. 27.
- Cap applying apparatus. H. W. Martin. 2,325,166; July 27.
- Cap. Core. J. E. A. Blanchet. 2,336,161; Dec. 7.
- Cap device. G. A. Tinnerman. 2,334,046; Nov. 9.
- Cap feed and heating apparatus. C. W. Goodwin and H. W. Martin. 2,325,050; July 27.
- Cap feeding apparatus, Closure. L. E. Davies. 2,337,033; Dec. 27.
- Cap for collapsible tubes, Closure. G. L. Lateur. 2,321,031; June 8.
- Cap for containers, Dispenser. A. C. Lightfoot and G. D. Huebner. 2,328,564; Sept. 7.
- Cap for foundation vents. F. B. Merrill. 2,328,288; Aug. 31.
- Cap for journal boxes, Dust-guard. W. H. Sale. 2,315,455; Mar. 30.
- Cap for receptacles containing dry medicinal materials and the like, Absorbent closure. C. F. Boesel. 2,317,882; Apr. 27.
- Cap-forming machine, Paper. E. J. De Villers. 2,313,628; Mar. 9.
- Cap marking mechanism for container capping machines. C. P. R. Lehmann and R. N. Bostock. 2,313,828; Mar. 16.
- Cap opener, Screw. H. Hickman. 2,320,599; June 1.
- Cap or closure for bottles or like containers. S. D. Young. 2,308,224; Jan. 12.
- Cap panel for caskets. L. Gerold. 2,338,035; Dec. 28.
- Cap remover, Bottle. G. H. Hutaft, Jr. 2,330,893; Oct. 1.
- Capper, Bottle. G. W. Hall. 2,327,262; Aug. 17.
- Capping device. E. S. Engle. 2,320,516; June 1.
- Capping head. C. W. Goodwin. 2,325,160; July 27.
- Capping machine. C. W. Goodwin and H. W. Martin. 2,325,163; July 27.
- Capping machine. E. S. Minard. 2,324,794; July 20.
- Caps and bottle caps, and other receptacles, Closure. G. Glocker. 2,330,046; Sept. 21.
- Caps, Making bearing. A. F. Misch. 2,315,006; Mar. 30.
- Caps, Manufacturing seam. C. D. Bousall. 2,326,283; Aug. 10.
- Capacitor construction. R. W. Blucke. 2,328,776; Sept. 7.
- Capacitor construction and circuit arrangement for polyphase circuits. M. I. Allmansk. 2,317,970; May 4.
- Capacitor, Variable. E. F. Herzog. 2,309,455; Jan. 26.
- Capacitors, Water-cooled. R. E. Marbury. 2,326,151-2; Aug. 10.
- Capacity follow-up control elements. F. E. Fischer. 2,330,822; Oct. 6.
- Caps, Ventilated. V. Berkman. 2,334,061; Nov. 9.
- Capillary active agent, Production of. W. Henrich. A. Kirstahler, and F. Schlegel. 2,320,181; May 25.
- Capillary-active composition. H. A. Bruson. 2,313,621; Mar. 9.
- Capillary active compounds and preparing them. L. Orthner, C. Platz, H. Keller, and H. Sönke. 2,313,573; Mar. 9.
- Capillary active media, Production of. R. D. Neu. 2,310,109; Feb. 2.
- Capillary active substances. H. Robinette, Jr. 2,335,447; Nov. 30.
- Capsulating machine. R. P. Scherer. 2,309,545; Jan. 26.
- Capsulation of materials containing alkali halides. R. D. Cook and S. H. Fox. 2,331,598; Oct. 12.
- Capsule. B. Boyson. 2,334,600; Nov. 16.
- Capsule, Administration. W. M. Wilson. 2,333,283; Nov. 2.
- Capsules, Fabrication of filled, sealed. R. P. Scherer. 2,332,671; Oct. 26.
- Capsule shells and filled capsules, Fabrication of. R. P. Scherer. 2,331,572; Oct. 12.
- Capsule container. A. I. Lorenzen and J. Blum. 2,335,016; Nov. 23.
- Capsules, Filling. D. D. Smith. 2,322,169; June 15.
- Capsules, Making sealed. H. F. Taylor. 2,314,527; Mar. 23.
- Capsules, Method and apparatus of fabricating filled. R. P. Scherer. 2,318,718; May 11.
- Car: See—
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| Container car. | Railway car. |
| Double deck sleeping car. | Railway dump car. |
| Double deck stock car. | Railway sleeping car. |
| Elevator car. | Refrigerator car. |
| Freight car. | Shuttle car. |
| Mall car. | Tank car. |
| Push car. | Trolley electric car. |
| Rail car. | Tractor car. |
- Car and electric train line coupler. E. A. Larsson. 2,323,060; June 29.
- Car construction. E. R. Greener. 2,315,118; Mar. 30.
- Car construction. S. B. Haseltine. 2,327,038; Aug. 17.
- Car construction. F. Koch and S. H. Badgett. 2,322,941; June 29.
- Car construction. S. Simonson. 2,307,862; Jan. 12.
- Car construction. S. Simonson. 2,314,954; Mar. 30.
- Car construction. G. A. Suckfeld. 2,335,216; Nov. 23.
- Car construction, House. A. J. Doyle. 2,317,677; Apr. 27.
- Car construction, Railway. V. E. West. 2,332,034; Oct. 19.
- Car construction, Refrigerator. K. E. Zeidler. 2,321,539; June 8.
- Car construction, Refrigerator. K. E. Zeidler. 2,326,717; Aug. 10.
- Car door. F. Ditchfield. 2,316,321; Apr. 13.
- Car door. T. Madland. 2,315,719; Apr. 6.

- Car dumper. M. A. Schlienger. 2,317,333; Apr. 20.
 E. F. Johnson. 2,314,705; Mar. 23.
 Car lock. R. T. Glensdorf. 2,315,155; Mar. 30.
 Car retarding or braking mechanism. P. A. Fanner. 2,308,597; Jan. 19.
 Car rocking implement. R. J. Scharoun. 2,312,850; Mar. 2.
 Car stop. A. H. Genter. 2,313,334; Mar. 9.
 Car stop, Mine. D. W. Perdew. 2,315,521; May 4.
 Car support. D. S. Brewers. 2,330,105; Sept. 21.
 Car testing device, Single. T. H. Birch. 2,316,217; Apr. 13.
 Car truck. H. Y. Carpenter. 2,331,174; Oct. 5.
 Car truck. R. Leppla. 2,337,396; Dec. 21.
 Car truck. A. H. Oelkers. 2,311,313; Feb. 16.
 Car trucks. A. H. Oelkers. 2,310,989; Feb. 16.
 Car wheel grinding machine. C. G. Flygare and H. A. Silven. 2,316,058; Apr. 6.
 Car wheels and the like, Heat-treating. R. B. Dimmick. 2,326,126; Aug. 10.
 Cars, Loading. A. R. Hoak. Re. 22,256; Jan. 26.
 Cars, Making rail. F. M. Gunn. 2,314,978; Mar. 30.
 Carbamylguanamines. J. T. Thurston and D. E. Nagy. 2,333,452; Nov. 2.
 Carbon collection and making the same. Silicized silicon. A. H. Heyroth. 2,319,323; May 18.
 Carbon. W. M. Fuchs. 2,312,707; Mar. 2.
 Carbon antihalation layer, Colloidal. N. L. Simmons. 2,327,828; Aug. 24.
 Carbon arc lamp. S. Nickelsburg. 2,309,267; Jan. 26.
 Carbon black. Agglomerating commercial. S. C. Carney. 2,311,154; Feb. 16.
 Carbon black and mixtures of carbon monoxide and hydrogen from hydrocarbon gases, Making. W. D. Wilcox. 2,322,989; June 29.
 Carbon black. Manufacturing. C. E. McKinney. 2,309,970; Feb. 2.
 Carbon black. Preparation of active. H. Kloefer. 2,307,050; Jan. 5.
 Carbon black product and making same. O. J. Brown, Jr. and W. R. Smith. 2,317,026; Apr. 20.
 Carbon brush construction. L. E. Moberly. 2,310,108; Feb. 2.
 Carbon chloride compound C_2Cl_4 . The production of the. J. Wimmer. 2,308,903; Jan. 19.
 Carbon coated metals, Desulphurizing. J. R. C. Brown, Jr. and L. A. Wooten. 2,314,816; Mar. 23.
 Carbon combustion furnace. W. B. Sobers. 2,332,943; Oct. 26.
 Carbon compounds. Production of oxygenated. O. Roelen. 2,327,066; Aug. 17.
 Carbon control for writing machines. W. H. Hope, Jr. 2,320,038; May 25.
 Carbon deposits from internal combustion engines, Removing. E. A. Boesing. 2,313,730; Mar. 16.
 Carbon dioxide. Production of liquid. W. Dennis. 2,325,945; July 27.
 Carbon dioxide system. C. H. Lindsay. 2,311,845; Feb. 23.
 Carbonsulphide. Purification of. W. Sonnenschein. 2,328,176; Aug. 31.
 Carbon monoxide eliminator. K. Redinger. 2,325,543; July 27.
 Carbon paper. P. A. Dreyfus. 2,337,377; Dec. 21.
 Carbon steel alternating-current conductor. F. F. Fowle and F. M. Crapp. 2,327,256; Aug. 17.
 Carbon tetrachloride. Production of. J. E. Beanblossom and W. B. Scott. 2,316,736-7; Apr. 13.
 Carbonaceous material, Coking. C. H. Hughes. 2,309,957-9; Feb. 2.
 Carbonaceous material. Thermal treatment of. W. Michael, O. Goehre, G. Free, W. V. Fuener, and W. Schneider. 2,331,338; Oct. 12.
 Carbonaceous materials. Carrying out reactions with. H. Klein, R. Seidler and F. Stoenewer. 2,324,518; July 20.
 Carbonaceous materials. Catalytic reactions with. F. Stoenewer, E. Keunecke, and F. Becke. 2,331,353; Oct. 12.
 Carbonaceous materials. Conversion of combustible. M. Pier and G. Free. 2,326,799; Aug. 17.
 Carbonaceous substances. Carrying out reactions with. M. Pier, W. V. Fuener, and G. Free. 2,326,800; Aug. 17.
 Carbonate, Magnesium basic. L. B. Miller. 2,330,836; Oct. 5.
 Carbonating apparatus. J. L. Hudson. 2,314,983-4; Mar. 30.
 Carbonation tank. O. C. Swan. 2,336,199; Dec. 7.
 Carbonator, Liquid. P. H. Thompson and A. R. Peat. 2,337,783; Dec. 28.
 Carbonic acid from gas mixtures containing carbonic acid. Separating. H. Biederbeck and G. Fischer. 2,332,887; Oct. 26.
 Carbonized sheet for use with post cards and using the (partially carbonized) sheet and post card together. Partially. H. F. Meras. 2,323,832; July 6.
 Carbonyl compounds of the cyclopentanepolyhydro phenanthrene series and a method of producing the same. H. Dannenbaum, H. H. Inhoffen, and W. Hohlweg. 2,322,227; June 22.
 Carboxylic compounds. Condensation of. S. H. McAlister and V. E. Haury. 2,309,650; Feb. 2.
 Carboxyethyl starch ethers. Water-soluble. L. H. Bock and A. L. Houk. 2,316,128; Apr. 6.
 Carboxylic acid chlorides. Producing. M. S. Kharasch and H. C. Brown. 2,326,229; Aug. 10.
 Carboxylic acid esters and lactone. Preparation of. R. Pasternack and R. A. Patelski. 2,308,885; Jan. 12.
 Carboxylic acid esters of monochlorhydrins, Production of. G. Stein. 2,335,813; Nov. 30.
 Carbureted water gas, Continuous process for making. R. M. Chatterton and P. F. Faffen. 2,336,466; Dec. 14.
 Carburetor. G. M. Bicknell. 2,328,604; Sept. 7.
 Carburetor. E. M. Bimberg. 2,322,109; June 15.
 Carburetor. A. E. Chisholm. 2,327,592; Aug. 24.
 Carburetor. I. E. Coffey. 2,325,372; July 27.
 Carburetor. G. R. Ericson. 2,315,052; Mar. 30.
 Carburetor. G. R. Ericson. 2,323,984; July 13.
 Carburetor. O. L. Garretson. 2,314,580; Mar. 23.
 Carburetor. O. L. Garretson. 2,316,327; Apr. 13.
 Carburetor. V. R. Heftler. 2,312,818; Mar. 2.
 Carburetor. A. J. Hess. 2,332,716; Oct. 26.
 Carburetor. W. E. Leibing. 2,315,716; Apr. 6.
 Carburetor. W. E. Leibing and R. D. Paegeol. 2,315,717; Apr. 6.
 Carburetor. H. L. McCurdy. 2,325,010; July 20.
 Carburetor. W. F. McLindon. 2,323,721; July 6.
 Carburetor. P. A. R. Meyer. 2,333,040; Oct. 26.
 Carburetor. H. D. Regar. 2,325,546; July 27.
 Carburetor. T. A. Riall. 2,320,012; May 25.
 Carburetor. W. Schwieler. 2,313,366; Mar. 9.
 Carburetor. S. C. Smith. 2,336,810; Dec. 14.
 Carburetor. M. Sninsky. 2,331,809; Oct. 12.
 Carburetor. C. R. Snyder. 2,314,170; Mar. 16.
 Carburetor. C. R. Snyder. 2,327,675; Aug. 24.
 Carburetor. A. H. Winkler. 2,328,763; Sept. 7.
 Carburetor. E. O. Wirth. 2,328,764; Sept. 7.
 Carburetor and ignition system, Combination. M. Mallory. 2,332,586; Oct. 26.
 Carburetor delugger. H. A. Carlson. 2,307,486; Jan. 5.
 Carburetor, Dual. G. M. Bicknell and V. C. Worden. 2,315,183; Mar. 30.
 Carburetor for explosion engines. J. Fuchs. 2,313,929; Mar. 16.
 Carburetor for high-pressure fuels. O. L. Garretson. 2,333,167; Nov. 2.
 Carburetor for internal combustion engines. M. Mallory. 2,317,625; Apr. 27.
 Carburetor for multicylinder internal combustion engine. T. A. Morris. 2,318,008; May 4.
 Carburetor for obtaining gaseous mixtures for internal combustion engines. W. H. G. Wunsch and R. J. A. Rolland. 2,322,991; June 29.
 Carburetor metering control. J. L. Edelen. 2,329,748; Sept. 21.
 Carburetor, Pressure. C. F. Schorn. 2,324,599; July 20.
 Carburetor starting device. G. M. Holley, E. Olson, and S. M. Udale. 2,323,222; June 29.
 Carburetor, Two-stage. E. Olson. 2,313,258; Mar. 9.
 Carburetor valve. A. D. Auston. 2,333,637; Nov. 9.
 Carburetor vapor relief valve. J. T. W. Moseley and G. E. Seaton. 2,316,882; Apr. 20.
 Carburetor, Variable fuel orifice. O. L. Garretson. 2,318,216; May 4.
 Carbureted article. M. Fleischmann. 2,332,441; Oct. 19.
 Carburizer. P. H. Kramer and F. J. Steigerwald. 2,320,872; June 1.
 Carburizing. E. F. Davis. Re. 22,346; July 13.
 Carburizing. Method of and compound for. J. W. Harsch. 2,329,896; Sept. 21.
 Carcasses, Depilating. G. Abson. 2,331,364; Oct. 12.
 Card and label, Combined business. F. M. Butterworth. 2,321,184; June 8.
 Card deck, Menu. A. Easley. 2,337,594; Dec. 28.
 Cardboard box. N. G. Thor. 2,316,469; Apr. 13.
 Cardboard container. R. M. Ladhamme. 2,330,720; Sept. 28.
 Cardboard structure, Collapsible. J. V. Horr. 2,326,648; Aug. 10.
 Cardboard display device. J. V. Horr. 2,212,644; Mar. 2.
 Cardboard display device, Collapsible. J. V. Horr. 2,330,287; Sept. 28.
 Cardcase. R. O. H. Hill. 2,311,173; Feb. 16.
 Card file holding and designating machine. Follow-up. Card. Filter. W. N. van Dranen. 2,313,304; Mar. 9.
 Card follower. H. Hegemeler. 2,309,245; Jan. 26.
 Card for transportation advertising, Display. M. Gold. 2,329,607; Sept. 14.
 Card holder. L. M. Greenway. 2,334,487; Nov. 16.
 Cardholder. D. M. Holstein. 2,307,726; Jan. 5.
 Card index system and device therefor. J. J. Holleck. 2,331,471; Oct. 12.
 Card index system, filing system, and the like. M. A. H. Aamodt. 2,312,302; Mar. 2.
 Card punch. W. L. Philbin and R. H. Scobell. 2,307,638; Jan. 5.
 Card punching machine, Record. S. Brand and J. M. Cunningham. 2,333,461; Nov. 2.
 Card record system, Visible. R. J. Copeland. 2,330,953; Oct. 5.
 Card, Repair and sales record. S. A. Grafsland. 2,326,939; Aug. 17.
 Card, Score. H. M. Schubert. 2,326,260; Aug. 10.
 Card selector. W. L. Jones. 2,315,860; Apr. 6.

- Card support. R. Connor and D. A. Nevin. 2,331,175; Oct. 8.
- Carding apparatus, Stripping. W. H. Goldsmith, Jr. 2,327,349; Aug. 24.
- Carding device for artificial teeth. S. Myerson. 2,334,214; Nov. 16.
- Cards and preparing them. Statistical. K. J. Braun. 2,307,611; Jan. 5.
- Cardanol, Polymers. S. Caplan. 2,317,585; Apr. 27.
- Cargo handpans. W. D. Van Zelm. 2,323,270; June 29.
- Cargo loading and securing. C. G. Peterson. 2,334,124; Nov. 9.
- Carpenter's tool. R. Kellett. 2,318,404; May 4.
- Carpet. H. P. Faris. 2,317,595; Apr. 27.
- Carpet and floor covering turntable and the like. J. C. Owens. 2,310,036; Feb. 2.
- Carpet or rug pile. H. E. Wadely. R. R. Matthews, and W. A. Rice. 2,318,345; May 4.
- Carriage, Collapsible. F. S. Chrisman. 2,335,484; Nov. 30.
- Carriage control mechanism. R. E. Hart. 2,310,430; Feb. 9.
- Carriage decelerating means for business machines. R. L. S. M. Jackson. 2,334,634; Nov. 16.
- Carriage for wood to be sawed, Supporting. H. G. Womack. 2,326,509; Aug. 10.
- Carriage operating mechanism for accounting machines. J. T. Davidson. 2,323,012; June 29.
- Carriage shift mechanism for calculating machines. C. M. Friden. 2,331,829; Oct. 12.
- Carriage type weight indicator. H. A. Raphael. 2,310,597; Feb. 9.
- Carrier: See—
- Balt carrier. Mining machine carrier.
 - Bottle carrier. Portable carrier.
 - Clothespin carrier. Pull rod carrier.
 - White chute carrier. Safety carrier.
 - Collapsible package carrier. Slide carrier.
 - Container carrier. Sound record carrier.
 - Game carrier. Tee carrier.
 - Glue clamp carrier. Tire carrier.
 - Golf club carrier. Traveling golf carrier.
 - Incendary bomb carrier. Wheeled golf club carrier.
- Carrier. J. C. Hendricks, Jr., R. L. Snideman and D. P. Wheeler. 2,313,143; Mar. 14.
- Carrier. H. G. Lumbard. 2,311,767; Feb. 23.
- Carrier. C. R. Whitaker. 2,333,757; Nov. 9.
- Carrier and aerating device, Minnow bucket. W. F. Collier. 2,330,870; Oct. 5.
- Carrier and apparatus for launching airplanes therefrom. Airplane. C. W. Durgin. 2,331,112; Oct. 5.
- Carrier and dispenser for strip material in roll form. V. Neptune. 2,324,796; July 20.
- Carrier and dispenser, Saw. D. V. Gerking. 2,333,099; Nov. 2.
- Carrier and seadrome, Airplane. C. M. Zoll. 2,325,903; Aug. 3.
- Carrier and separator therefor, Bottle. E. W. Hutchings. 2,324,197; Nov. 16.
- Carrier and stand, Article. T. C. Williams. 2,318,122; May 4.
- Carrier and system for launching motor torpedo boats. C. T. Forsberg. 2,319,855; May 25.
- Carrier attachment for vehicles. J. B. Bambenek, W. F. Hein, and F. Wornor. 2,315,387; Mar. 30.
- Carrier bar control system. J. L. Beers. 2,309,091; Jan. 26.
- Carrier carton. O. Y. Warren. 2,321,534; June 8.
- Carrier current apparatus. E. W. Kenefake. 2,336,253; Dec. 7.
- Carrier current apparatus. J. L. Woodworth. 2,324,344; July 13.
- Carrier current communication system. W. T. Denton, H. D. Goetze, and E. W. Morris. 2,307,771; Jan. 12.
- Carrier device. E. A. Reid. 2,308,454-5; Jan. 12.
- Carrier equipment, Convertible. E. C. Robes, Jr. 2,316,456; Apr. 13.
- Carrier for baby carriages and the like, Handy parcel. E. R. Morando. 2,321,232; June 8.
- Carrier for bombs or the like, Aerial. T. P. Duncan, Jr. 2,329,524; Sept. 14.
- Carrier for bottles and the like. J. B. Slevin, Jr. 2,318,807; May 11.
- Carrier for containers. J. B. Slevin, Jr. 2,322,396; June 22.
- Carrier for hay balers, Bale. C. W. Hendrickson. 2,327,264; Apr. 17.
- Carrier for poppet type engine valves. H. J. Nathan. 2,312,434; Mar. 2.
- Carrier for small game. H. J. Caughren. 2,320,067; May 25.
- Carrier frequencies, Modulation of. L. R. Wrathall. 2,311,796; Feb. 23.
- Carrier frequency system. W. Hagen. 2,328,450; Aug. 31.
- Carrier head. J. R. Hornsby. 2,336,934; Dec. 14.
- Carrier or felting needle. C. J. Kopriva and P. T. Gates. 2,326,038; Aug. 3.
- Carrier member for display racks. C. S. Anderson. 2,308,851; Jan. 19.
- Carrier-signal translating system, Ultra-high-frequency. R. L. Freeman and B. F. Tyson. 2,321,478; June 8.
- Carrier wave production and control. W. A. Phelps. 2,314,422; Mar. 23.
- Carrier wave signalling. R. L. Miller. 2,309,705; Feb. 2.
- Carrier wave signalling system. L. Espenschied. 2,337,878; Dec. 28.
- Carrying solution. C. H. Donner. 2,330,813; Oct. 5.
- Carry-home bottle container. W. F. Gies and W. J. Wells. 2,336,857; Dec. 14.
- Carrying case. A. C. Gamrod. 2,308,003; Jan. 12.
- Carrying case. R. F. Landwehr. 2,314,717; Mar. 23.
- Carrying fixture. R. H. Johansen. 2,313,553; Mar. 9.
- Carrying means. H. M. Piker. 2,314,799; Mar. 23.
- Cart for golf clubs. Collapsible. J. F. Chamberlin and J. E. Loye. 2,335,579; Nov. 30.
- Cart, Garden. G. G. Budwig. 2,308,045; Jan. 12.
- Cart, Janitor's. F. E. Walling. 2,311,422; Feb. 16.
- Cart, Timber. H. I. Lewis. 2,317,784; Apr. 27.
- Cartographic device. G. H. Gottlieb. 2,316,786; Apr. 20.
- Cartographic instruction device. V. R. Mullins. 2,326,385; Aug. 10.
- Carton. F. L. Broeren and P. E. Fischer. 2,336,842; Dec. 14.
- Carton. G. F. Courson. 2,326,928; Aug. 17.
- Carton. R. B. Deem and G. V. Thompson. 2,312,631; Dec. 14.
- Carton. C. I. Elliott. 2,330,346; Sept. 28.
- Carton. R. B. Garpley. 2,331,599; Dec. 28.
- Carton. M. E. Holy. 2,337,198-99; Dec. 21.
- Carton. S. F. Jones. 2,321,145; June 8.
- Carton. L. M. Kennedy. 2,323,779; July 6.
- Carton. A. B. Kner. 2,327,049; Aug. 17.
- Carton. W. H. Lieber. 2,309,348; Jan. 26.
- Carton. S. Lighter. 2,311,403; Feb. 16.
- Carton. E. E. Lowry. 2,334,425; Nov. 16.
- Carton. F. A. Marx. 2,320,280; May 25.
- Carton. J. A. O'Reilly. 2,332,250; Oct. 19.
- Carton. R. E. Peters, Jr. 2,323,565; July 6.
- Carton. S. Price. 2,322,389; June 22.
- Carton. W. M. Richards. 2,329,297; Sept. 14.
- Carton. W. A. Ringler. 2,314,951; Mar. 30.
- Carton. Mar. 2.
- Carton. R. W. Speir, Jr. 2,319,641; May 18.
- Carton. W. T. Stearn. 2,325,366; Nov. 30.
- Carton. L. H. Tobey and R. M. Holmes. 2,336,655; Dec. 14.
- Carton and carton blank. A. Rous and I. Dorfman. 2,330,927; Oct. 5.
- Carton and tray therefor. R. S. Sanford. 2,310,404-6; Feb. 9.
- Carton, Angular-walled. J. D. Clarke. 2,318,198; May 4.
- Carton blank for chairs, Shipping. D. Rous. 2,313,362; Mar. 9.
- Carton, Bottle. O. Flore. 2,324,771; July 20.
- Carton, Bottle carrying. A. Rous. 2,331,137; Oct. 5.
- Carton, carton blanks, and making the same. R. M. Botley. 2,324,757; July 20.
- Carton, Cartridge. O. Eggebrecht, K. Koehler, and F. J. Gruper, Jr. 2,325,756; Aug. 3.
- Carton coin container. C. Ross. 2,326,683; Aug. 10.
- Carton, Collapsible. J. O'Reilly. 2,321,848; June 15.
- Carton construction. W. Emmerich. 2,326,527; Aug. 10.
- Carton construction. W. H. Inman. 2,333,181; Nov. 2.
- Carton construction. E. C. Abbott. 2,327,166; Aug. 17.
- Carton cup dispenser. W. E. Amberg. 2,325,214; July 27.
- Carton, Cup dispensing. K. T. Buttery. 2,319,975; May 25.
- Carton, Dispensing. F. L. Broeren. 2,331,651; Oct. 12.
- Carton, Dispensing. F. L. Broeren and B. T. Hoffmaster. 2,334,336; Nov. 16.
- Carton, Dispensing. K. T. Buttery. 2,313,987; Mar. 16.
- Carton, Dispensing. O. J. Sullivan and R. T. Fricders. 2,314,849; Mar. 23.
- Carton, Dispensing. F. A. Sunderhauf. 2,336,706; Dec. 14.
- Carton, Display. M. A. Smith. 2,312,595; Mar. 2.
- Carton, Egg. G. C. Moore, Jr. 2,326,244; Aug. 10.
- Carton, Egg. J. O'Reilly. 2,322,876; June 29.
- Carton feeding and filling system. G. B. First and H. Grotewold. 2,318,208; May 4.
- Carton, Fiberboard. J. Larrimore, O. L. Scheller, and Muller. 2,335,438; Nov. 30.
- Carton, Folding. R. W. Marshall. 2,316,701; Apr. 13.
- Carton for bottles, Carrying. I. Dorfman. 2,331,312; Oct. 12.
- Carton forming method and apparatus. D. W. Coy and W. T. Ritter. 2,321,562; June 8.
- Carton, Gable top. W. A. Ringler. 2,333,123; Nov. 2.
- Carton having attached carton opener. R. L. Kaye. 2,323,335; July 6.
- Carton having self-rotating cross partitions, Cellular. E. E. Holwick. 2,321,209; June 8.
- Carton, holding and waxing means. T. R. James. 2,336,401; Dec. 7.
- Carton, Knockdown crated. W. C. George and F. R. Buhrmaster. 2,316,853-4; Apr. 20.
- Carton, Lined. H. F. Waters. 2,326,269; Aug. 10.
- Carton, Paper. A. S. Ethridge. 2,317,040; Apr. 20.
- Carton, Paper. C. D. Hahemann. 2,333,715; Nov. 9.
- Carton, Paperboard. R. T. Maston, Jr. 2,334,114; Nov. 9.
- Carton prepared for reclosing. J. H. Strack. 2,329,797; Sept. 21.
- Carton processing. I. Kotcher. 2,337,610; Dec. 28.
- Carton, Radio tube. W. A. Ringler. 2,320,396; June 1.
- Carton sealing device. J. W. Lively. 2,324,405; July 13.
- Carton, Shell. O. Eggebrecht. 2,325,755; Aug. 3.

- Carton, Shipping. B. O. Smith. 2,318,973; May 11.
 Carton, Shipping. N. Wasserman. 2,317,005; Apr. 20.
 Carton, Shipping and display. E. C. Berg. 2,313,718; Mar. 16.
 Carton, Shipping and display. E. C. Berg. 2,318,452; May 4.
 Carton, Strip dispensing. R. H. Bayer. 2,323,968; July 13.
 Carton, Strip dispensing. H. J. Rossi. 2,324,028; July 13.
 Carton structure. K. C. Ferguson. 2,321,473; June 8.
 Carton with interlocking bottom. A. P. Lapara. 2,337,755; Dec. 28.
 Carton with snap lock bottom closure. E. T. Gardner, Jr. 2,337,039; Dec. 21.
 Cartons, Sealing of. H. H. Beasley. 2,321,729; June 15.
 Cartridge. J. V. Rice, Jr. 2,326,393; Aug. 10.
 Cartridge and gun, Pneumatic. E. Lisle. 2,327,653; Aug. 24.
 Cartridge assembly, Explosive. T. F. Bennett. 2,317,354; Apr. 27.
 Cartridge assembly, Explosive. R. B. Smith. 2,317,415; Apr. 27.
 Cartridge box. I. A. Deline. 2,335,490; Nov. 30.
 Cartridge, Blasting. J. Barab. 2,300,343-4; Feb. 9.
 Cartridge case. E. C. Bomar. 2,330,200; Sept. 28.
 Cartridge-cases and the like, Scouring apparatus for. C. A. Dreisbach. 2,336,394; Dec. 7.
 Cartridge chamber and cartridge for spraying devices. G. E. Bullock. 2,337,149; Dec. 21.
 Cartridge feed-bolt for machine guns. J. A. Hendley. 2,337,657; Dec. 28.
 Cartridge fuse and switchgear incorporating the fuse. K. Dannenberg. 2,330,690; Sept. 28.
 Cartridge, Grease gun. E. C. Deighton. 2,318,928; May 11.
 Cartridge lifting device for repeating and automatic firearms. G. Revell. 2,308,799; Jan. 19.
 Cartridge, Oil filter. J. B. Clark. 2,331,961; Oct. 19.
 Cartridge shell, Blasting. C. L. Barker. 2,312,744; Mar. 2.
 Carving apparatus. J. M. Holcomb. 2,311,943; Feb. 23.
 Carving fixture. P. W. Brown. 2,335,995; Dec. 7.
 Case: See—
 Artist's palette case. Instrument case.
 Beverage-bottle case. Jewelry case.
 Billfold or pocket case. Key case.
 Bobbin case. Molded cigarette case.
 Bottle case. Multiple match book case.
 Brief case. Plastic instrument case.
 Carrying case. Playing card case.
 Cartridge case. Refrigerator display case.
 Cigarette case. Sectional case.
 Cased receptacle or case. Sewing case.
 Coin case. Sorting case.
 Delivery case. Spectacle case.
 Display and storage case. Thermometer case.
 Display case. Toilet case.
 Eyeglass case. Travel case.
 Filing case. Tripod carrying case.
 Garment case. Typewriter case.
 Goggles and goggles case. Vanity case.
 Illuminated vanity case.
 Case carrier for bottles. E. J. Reid and J. W. Taylor. 2,316,454; Apr. 13.
 Case filling machine. A. C. Davis. 2,318,598; May 11.
 Case filling machine. A. C. Davis. 2,318,927; May 11.
 Case for shoes and the like, Flexible. J. Franklin. 2,319,497; May 18.
 Case for spectacles or eye glasses. Z. B. Spence. 2,330,152; Sept. 21.
 Case or the like, Cigarette. A. M. Opler. 2,333,270; Nov. 2.
 Case sealing machine. W. D. Kimball. 2,324,401; July 13.
 Case to hold toilet articles. B. A. Arnold. 2,320,166; May 25.
 Casing and making, Decorative tubular. R. N. Houlihan. 2,329,375; Sept. 14.
 Casing and mirror, Combination. H. Scharff. 2,309,544; Jan. 26.
 Casing entering device. G. McCray. 2,311,768; Feb. 23.
 Casing for chain belt and like transmissions. P. Copp and H. Whiteley. 2,315,317; Mar. 30.
 Casing head. H. Allen. 2,313,308; Mar. 9.
 Casing head. E. W. Rearwin. 2,317,404; Apr. 27.
 Casing, Instrument. J. A. Caldwell. 2,319,845; May 25.
 Casing machine. R. J. Stewart. 2,319,167; May 11.
 Casing, Photoflash. R. L. Kreidler. 2,333,725; Nov. 9.
 Casing treatment. C. A. Rinehart. 2,314,313; Mar. 16.
 Casings, bags, or the like, Forming. E. E. Lakso. 2,307,890; Jan. 12.
 Casein curd and like substances, Method and apparatus for rapidly drying. W. B. Winter. 2,316,207; Apr. 13.
 Casein fibers, Treatment of. T. Koch and H. A. van der Kroon. Re. 22,262; Feb. 2.
 Casein plastic products and apparatus therefor, Making. J. A. Parsons and W. E. Vawter. 2,332,829; Oct. 26.
 Casein resin product and preparation thereof. C. S. Leonardson and D. J. White. 2,332,519; Oct. 26.
 Casement for portholes and the like. R. W. Rowland. 2,309,255; Jan. 26.
 Casement window. D. Heaney. 2,326,856; Aug. 17.
 Casement window operator. A. Lang. 2,312,720; Mar. 2.
 Cash register. W. S. Gubelmann. 2,328,272; Aug. 31.
 Cash register, adding and accounting machine, and the like. H. F. B. Höfjors. 2,309,901; Feb. 2.
 Cask for preserving liquids, Dispensing. F. C. Marzo. 2,321,836; June 15.
 Casket. H. A. Allshouse. A. D. Button, and R. W. Frazier. 2,318,353; May 4.
 Casket. M. S. Harris. 2,317,605; Apr. 27.
 Casket. G. L. West. 2,327,949; Aug. 24.
 Casket flower holder. W. Livingston. 2,319,243; May 18.
 Casket handle. H. J. Olson. 2,330,141; Sept. 21.
 Cassette for spot film devices, Movable. O. G. Hollstein. 2,333,720; Nov. 9.
 Cast for portable radio receivers, Traveling. E. W. Hamilton. 2,328,012; Aug. 31.
 Cast iron, High quality. D. J. Reese and R. A. Flinn, Jr. 2,324,322; July 13.
 Caster, Adjustable. C. R. Nalle. 2,335,074; Nov. 23.
 Caster truck. W. E. Daley. 2,314,129; Mar. 16.
 Caster truck. R. C. Kepner. 2,333,255; Nov. 2.
 Caster wheel mounting. J. F. Wallace. 2,325,895; Aug. 3.
 Cast and stationary float, Combined. F. R. Kimbrough. 2,316,074; Apr. 6.
 Casting apparatus, Pig. F. F. Bollinger and C. L. Kenney. 2,317,584; Apr. 27.
 Casting mold for synthetic materials. E. Strunk. 2,316,298; Apr. 13.
 Casting reel. F. I. Rutledge. 2,324,324; July 13.
 Castings, Method and apparatus for producing. R. H. Osborn. 2,316,280; Apr. 13.
 Castings, Production of. W. Smithson and C. G. T. Hyslop. 2,308,395; Jan. 12.
 Castings, Repairing fractured. L. B. Scott. 2,321,629; June 15.
 Castings, Treating. W. G. Edwards. 2,322,288; June 22.
 Castor. J. H. Knight. 2,332,089; Oct. 19.
 Castor oil and making same, Water-insoluble oxyalkylated drastically oxidized. M. DeGroote and B. Keiser. 2,334,390; Nov. 16.
 Catafalque. W. L. Ripley. 2,326,565; Aug. 10.
 Catalysis. A. H. Schutte. 2,331,938; Oct. 19.
 Catalysis. J. W. Teter. 2,330,640; Sept. 28.
 Catalysis. P. L. Veltman. 2,337,432; Dec. 21.
 Catalyst. R. Aucher. 2,330,539; Sept. 28.
 Catalyst. G. C. Connolly. 2,330,685; Sept. 28.
 Catalyst and making the same. J. Overhoff. 2,307,421; Jan. 5.
 Catalyst and preparation thereof. M. de Simó, F. M. McMillan, and H. A. Cheney. 2,313,053; Mar. 9.
 Catalyst and process for the hydrogenation of polyhydroxy compounds. L. A. Stengel. 2,324,206; July 27.
 Catalyst and process for the hydrogenation of polyhydroxy compounds. L. A. Stengel and W. K. O'Loughlin. 2,325,207; July 27.
 Catalyst control in hydrocarbon conversion. A. L. Conn. 2,327,175; Aug. 17.
 Catalyst, Desulphurizing. A. C. Byrns. 2,325,033; July 27.
 Catalyst for drying oil polymerization. E. A. Lasher. 2,335,521; Nov. 30.
 Catalyst for polymerizing drying oils. E. A. Lasher. 2,335,520; Nov. 30.
 Catalyst, Hydrogenating. R. Watts. 2,330,098; Sept. 21.
 Catalyst manufacture. W. L. Benedict. 2,326,323; Aug. 10.
 Catalyst, Oxidation. O. G. Bennett and A. Van Andel. 2,330,664; Sept. 28.
 Catalyst, Preparation of gel. G. C. Connolly and R. N. Watts. 2,326,523; Aug. 10.
 Catalyst, Preparing. W. E. Spicer and K. G. Schrey. 2,316,726; Apr. 13.
 Catalyst recovery, Powdered. A. L. Conn. 2,311,978; Feb. 23.
 Catalyst regeneration. A. B. Welty, Jr. 2,330,767; Sept. 28.
 Catalysts and preparation thereof. R. F. Ruthruff. 2,320,799; June 1.
 Catalysts and preparation thereof. S. B. Thomas and F. M. McMillan. 2,311,713; Feb. 23.
 Catalysts and the preparation thereof. R. C. Archibald and A. E. Smith. 2,331,292; Oct. 12.
 Catalysts and the preparation thereof. R. F. Ruthruff. 2,323,728; July 13.
 Catalysts, Cooling fluid. F. T. Barr. 2,309,034; Jan. 19.
 Catalysts, or for mid-curing thermosetting resins. N. A. Shepard. 2,331,862; Oct. 12.
 Catalysts for acid-curing thermosetting resins, Curing. D. W. Jayne, Jr., and P. C. Schroy. 2,326,725; Aug. 10.
 Catalysts, hydrogenation. W. J. Kirkpatrick. 2,331,916; Oct. 19.
 Catalysts, Manufacture of. V. Ipatieff and H. Pines. 2,331,323; Feb. 16.
 Catalysts, Manufacture of. C. L. Thomas and J. E. Ahlberg. 2,326,706; Aug. 10.
 Catalysts, Manufacture of. C. L. Thomas and J. E. Ahlberg. 2,329,307; Sept. 14.
 Catalysts, Platinum metal. F. F. Nord. 2,329,933; Sept. 21.
 Catalysts, Preparation and use of. C. J. Borkowski and J. L. Schille. 2,320,063; May 25.

- Catalysts, Preparation of. S. B. Thomas. 2,311,712; Feb. 23.
- Catalysts, Preparing and treating. G. H. Morey and F. E. Frey. 2,312,572; Mar. 2.
- Catalysts, Production of. S. B. Thomas. 2,309,263; Jan. 26.
- Catalysts, Reactivating used. J. D. Seguy. 2,328,234; Aug. 31.
- Catalysts, Reactivation of spent. C. L. Thomas. 2,317,494; Apr. 27.
- Catalysts, Regeneration of. C. E. Hemminger. 2,330,710; Sept. 28.
- Catalysts resulting from hydrolysis of alloys of catalytic metals and hydrolyzable metals. J. H. Hahn. 2,328,140; Aug. 31.
- Catalytic alkylation process. S. C. Fulton. 2,311,531; Feb. 16.
- Catalytic alkylation process. S. H. McAllister, J. Anderson, and E. F. Bullard. 2,334,108; Nov. 9.
- Catalytic and thermal cracking, Combination. R. F. Irow. 2,335,551; Nov. 30.
- Catalytic apparatus. F. A. Howard. 2,334,555; Nov. 16.
- Catalytic apparatus. W. K. Kinnaird. 2,315,208; Mar. 30.
- Catalytic combination process. R. F. Ruthroff. 2,312,445; Mar. 2.
- Catalytic composition. G. R. Owens. 2,329,644; Sept. 14.
- Catalytic conversion. C. C. Crawford and W. E. Ross. 2,317,014-15; Dec. 14.
- Catalytic conversion. R. W. Krebs and E. W. Nicholson. 2,326,281; May 25.
- Catalytic conversion. T. P. Simpson, J. W. Payne, and J. A. Crowley, Jr. 2,320,318; May 25.
- Catalytic conversion. T. P. Simpson, J. W. Payne, and J. A. Crowley, Jr. 2,336,041; Dec. 7.
- Catalytic conversion. E. W. Thiele. 2,312,006; Feb. 23.
- Catalytic conversion apparatus. F. M. McMillan. 2,316,907; Feb. 9.
- Catalytic conversion, Method and apparatus for. T. P. Simpson, J. W. Payne, and J. A. Crowley, Jr. 2,331,433; Oct. 12.
- Catalytic conversion of hydrocarbon oils. W. Kaplan. 2,313,346; Mar. 9.
- Catalytic conversion of hydrocarbons. A. Belchetz. 2,312,230; Feb. 23.
- Catalytic conversion of hydrocarbons. W. L. Benedetter. 2,328,773; Sept. 7.
- Catalytic conversion of hydrocarbons. G. Free and W. V. Fluener. 2,334,872; Nov. 23.
- Catalytic conversion of hydrocarbons. A. G. Peterkin. 2,309,137; Jan. 26.
- Catalytic conversion of hydrocarbons. E. E. Sensel. 2,337,419; Dec. 21.
- Catalytic conversion process. P. W. Cornell. 2,307,879; Jan. 12.
- Catalytic conversion process. F. M. McMillan. 2,323,830; July 6.
- Catalytic conversion process. E. C. Pitzer. 2,328,846; Sept. 7.
- Catalytic conversion reactions. P. Mather. 2,319,620; May 18.
- Catalytic cracking. R. B. Day and A. R. Kanhofer. 2,323,899; July 13.
- Catalytic cracking. C. E. Hemminger. 2,317,379; Apr. 27.
- Catalytic cracking and reclamation of catalysts. J. H. Hirsch. 2,313,040; Mar. 16.
- Catalytic cracking apparatus. G. F. Kuhn. 2,327,438; Aug. 24.
- Catalytic cracking of hydrocarbon oils. DuB. Eastman and C. Richier. 2,319,590; May 18.
- Catalytic cracking process. L. de Florez. 2,323,206; June 29.
- Catalytic cracking process. R. K. Stratford and R. H. Smith. 2,319,710; May 18.
- Catalytic hydrogenation. J. Chickinoff, R. M. Roberts, and J. Burgin. 2,315,107; Mar. 30.
- Catalytic hydrogenation. H. C. Huffman. 2,325,911; Aug. 3.
- Catalytic hydrogenation and hydrogenation. D. J. 16.
- Catalytic destructive hydrogenation of heavy oils or residues containing asphalt. M. Pier and E. Donath. 2,325,072; July 27.
- Catalytic hydrocarbon condensation process. E. E. Stahly. 2,332,276; Oct. 19.
- Catalytic hydrocarbon conversion. A. G. Oblad and L. Heard. 2,308,774; Jan. 19.
- Catalytic hydrogenation. S. C. Haney. 2,314,142; Mar. 19.
- Catalytic hydrogenation of aliphatic carboxylic acids. O. Schmidt. 2,322,098; June 15.
- Catalytic hydrogenation of aliphatic carboxylic acid anhydrides. O. Schmidt. 2,322,097; June 15.
- Catalytic hydrogenation of high molecular aliphatic carboxylic acids. O. Schmidt. 2,322,096; June 15.
- Catalytic hydrogenation of organic compounds. O. Schmidt. 2,322,095; June 15.
- Catalytic hydrogenation of organic compounds. O. Schmidt. 2,322,099; June 15.
- Catalytic hydrogenation, Process of. H. J. Hepp and J. P. Jones. 2,332,572; Oct. 26.
- Catalytic isomerization of 1-olefins to 2-olefins. H. E. Drennan. 2,330,115; Sept. 21.
- Catalytic isomerization of paraffinic hydrocarbons. W. W. Weinrich and J. M. Yost. 2,324,746; July 20.
- Catalytic masses, Process and apparatus for regulating the temperature of a. C. H. Thayer. 2,309,996; Feb. 2.
- Catalytic material. J. Hymen. 2,331,473; Oct. 12.
- Catalytic material, Producing. W. A. Schulze and J. C. Hilmyer. 2,337,628; Dec. 28.
- Catalytic oxidation. W. J. Amend. 2,316,543; Apr. 13.
- Catalytic process. S. B. Becker. 2,327,489; Aug. 24.
- Catalytic process. F. F. Nord. 2,329,934; Sept. 21.
- Catalytic process. E. D. Reeves and K. K. Kenrby. 2,317,803; Apr. 27.
- Catalytic process for nitration of hydrocarbons. M. Senkus. 2,332,491; Oct. 19.
- Catalytic process for purifying ethylene. J. R. Heard, Jr. 2,328,275; Aug. 31.
- Catalytic reaction. A. B. Welty, Jr. 2,333,500; Nov. 2.
- Catalytic reaction, Control of. W. A. Schulze, G. H. Short and C. J. Helmers. 2,331,427; Oct. 12.
- Catalytic reactions in the gas phase, Process for carrying out. R. Conrad. 2,335,488; Nov. 30.
- Catalytic reactions with carbonaceous materials. F. Stowener, E. Keuncke, and F. Becke. 2,337,944; Dec. 28.
- Catalytic reactor. J. W. McCausland. 2,329,847; Sept. 21.
- Catalytic reforming. M. W. Mayer. 2,335,684; Nov. 30.
- Catalytic reforming. A. B. Welty, Jr., and S. F. Perry. 2,335,717; Nov. 30.
- Catalytic surfaces, Activating. M. H. Gwynn. 2,315,518; Apr. 6.
- Catalytic surfaces, Activating. M. H. Gwynn. 2,319,453; Apr. 6.
- Catalytic treatment of hydrocarbons. C. L. Thomas. 2,307,610; Jan. 5.
- Catalytic treatment of hydrocarbon oils. G. M. Keranen. 2,325,611; Aug. 3.
- Catalytic treatment of non benzenoid hydrocarbon. R. B. Burk and E. C. Hughes. 2,318,412; Apr. 6.
- Catalytic treatment of petroleum hydrocarbons. P. S. Danner and R. C. Mithoff. 2,315,506; Apr. 6.
- Catalytic vapor-phase oxidation of nicotine to nicotinic nitrile. J. J. Willaman, C. F. Woodward, and C. O. Badgett. 2,331,011; Oct. 5.
- Catalyzed reactions, Effecting. L. S. Kassel. 2,325,136; July 27.
- Catalytic device. F. W. Finks. 2,328,795; Sept. 7.
- Catalytic pad. H. L. Strongman. 2,331,455; Oct. 12.
- Catalytic pad. I. W. Robertson. 2,309,868; Feb. 2.
- Cathaphoretic deposition of insulating coatings. J. Cardell. 2,307,018; Jan. 5.
- Catch. E. Rorchers. 2,322,817; June 29.
- Catch. H. W. Neunberg. 2,318,412; May 4.
- Catch assembly. E. Borchers. 2,330,403; Sept. 28.
- Catcher, Insect. H. R. Etzler. 2,328,632; Sept. 7.
- Cathhead, Automatic. F. M. Owen. 2,314,733; Mar. 23.
- Cathhead, Water cooled. S. W. Webster. 2,320,901; June 1.
- Cathheads, Cooling means for. W. A. Dickson. 2,332,700; Oct. 26.
- Catheter. J. M. Auzin and M. M. Zinck. 2,308,484; Jan. 19.
- Catheter. P. A. Raiche. 2,320,157; May 25.
- Catheter, Self retaining. R. J. Lambert and C. J. Glaser, Jr. 2,322,868; June 29.
- Catheter, sheath, or the like, Finger stall. A. Mendel. 2,326,159; Aug. 10.
- Catheters. V. J. Flynn. 2,317,987; May 4.
- Catheters, Making distensible bag. G. L. Winder. 2,314,262; Mar. 16.
- Cathode. R. B. Ayer. 2,313,065; Mar. 16.
- Cathode. A. K. Wing, Jr. 2,330,401; Sept. 28.
- Cathode assembly. W. M. Trumbull and L. F. Coombs. 2,335,818; Nov. 30.
- Cathode cell, Mercury. C. N. Richardson. 2,334,354; Nov. 16.
- Cathode coating machine. C. L. Albright. 2,329,024; Sept. 7.
- Cathode, Equipotential. C. V. Litton. 2,314,097; Mar. 16.
- Cathode, Filamentary. A. K. Wing, Jr. 2,323,364; July 6.
- Cathode forming machine. J. Glaus. 2,333,997; Nov. 9.
- Cathode, Incandescent. J. G. W. Mulder. 2,319,338; May 18.
- Cathode, Oxide coated. G. F. Reyling. 2,308,389; Jan. 12.
- Cathode ray beam deflecting circuit. O. H. Schade. 2,309,672; Feb. 2.
- Cathode ray device. W. S. Gorton. 2,338,036; Dec. 28.
- Cathode ray measuring device. W. R. Koch. 2,324,851; July 20.
- Cathode ray oscillograph for recording transients. S. Read, Jr. 2,313,967; Mar. 16.
- Cathode ray tube. H. Boersch. 2,335,637; Nov. 30.
- Cathode-ray tube. D. W. Epstein. 2,335,367; Mar. 30.
- Cathode ray tube. W. Fleisig. 2,320,824; June 1.
- Cathode ray tube. L. E. Flory and A. W. Vance. 2,323,986; July 13.
- Cathode ray tube. R. H. George, and W. M. Hesselberth. 2,319,811; May 25.
- Cathode-ray tube. R. C. Hergenrother. Re. 22,275; Feb. 23.
- Cathode ray tube. M. Messner. 2,330,604; Sept. 28.

- Cathode-ray tube. E. Schantl and M. Messner. 2,310,811; Feb. 9.
- Cathode ray tube. E. E. Shelton and H. Moss. 2,336,895; Dec. 14.
- Cathode ray tube. C. S. Szegho. 2,334,516; Nov. 16.
- Cathode ray tube and process. S. J. Koch and R. E. Rutherford. 2,319,691; May 18.
- Cathode ray tube arrangement. F. Woerner. 2,332,881; Oct. 26.
- Cathode ray tube device. G. Hepp and J. van der Mark. 2,325,676; Aug. 3.
- Cathode ray tube system. W. J. Poch. 2,313,966; Mar. 16.
- Cathode sleeve. N. R. Smith. 2,324,177; July 13.
- Cathode structure. W. W. Eitel and J. A. McCullough. 2,314,037; Mar. 16.
- Cathode tube recorder for calculating machines. J. W. Bryce. 2,320,337; June 1.
- Cathodes, Coating of thermionic. S. J. Koch. 2,321,149; June 8.
- Cathodes, Producing secondary electron emitting. P. Görlich. 2,317,754; Apr. 27.
- Cationic exchange material. M. J. Shoemaker. 2,312,449; Mar. 2.
- Catline apparatus for hoists. A. R. Maier. 2,323,095; June 29.
- Caustic, Evaporation of. I. E. Muskat. 2,309,412; Jan. 26.
- Caustic, Purification of. I. E. Muskat. 2,325,339; July 27.
- Castles, Filling. L. S. Wertz. 2,313,110; Mar. 9.
- Cavity insulating device. W. J. Cameron. 2,325,831; Aug. 3.
- Cavity resonator. H. Buchholz. 2,315,313; Mar. 30.
- Ceiling and wall jack. A. F. Baker and R. W. Goodhue. 2,337,796; Dec. 28.
- Ceiling, Stone. E. Gräwer. 2,309,842; Feb. 2.
- Ceiling structure. S. P. Walker and A. A. Schramm. 2,313,687; Mar. 9.
- Cell. J. E. Creech. 2,323,455; July 6.
- Cell, Blocking layer. L. A. L. Esseling and W. C. van der Vee. 2,328,440; Aug. 31.
- Cell construction. E. J. McEachern, W. H. Thom, G. H. Cell construction. R. M. Stewart. 2,320,806; June 1.
- Schroeder, and R. S. Johnson. 2,332,456; Oct. 19.
- Cell cover with electrolyte control. M. Shank. 2,310,656; Feb. 9.
- Cell, Dry battery. B. F. Muldoon. 2,325,070; July 27.
- Cell, Electrolytic. H. D. Munson. 2,328,665; Sept. 7.
- Cell, Leakproof dry. W. W. Cargill. 2,315,592; Apr. 6.
- Cell, Mercury. W. C. Gardiner. 2,307,835; Jan. 12.
- Cell, Photoelectric. A. H. Lamb. 2,320,185; May 25.
- Cellulose, Marking. D. R. Grant. 2,320,925; June 1.
- Cellular bodies, Manufacture of. W. O. Lytle. 2,322,581; June 22.
- Cellular bodies, Manufacture of. W. Owen. 2,310,457; Feb. 9.
- Cellular box. H. J. Kramer. 2,322,239; June 22.
- Cellular glass and its manufacture. M. A. Powers. 2,316,749; Apr. 13.
- Cellular rubber. Manufacture of. L. E. H. Pagnon. 2,332,870; Oct. 26.
- Cellular slab. P. E. Knudsen. 2,310,442; Feb. 9.
- Cellulose acetate gum, Spinning of. F. P. Alles. 2,308,141; Jan. 12.
- Cellulose and lignin from wood, Recovery of. R. H. McKee. 2,308,564; Jan. 19.
- Cellulose apparatus, Regenerated. F. P. Alles. 2,316,212; Apr. 13.
- Cellulose derivative and making same. L. Lillienfeld. 2,327,911; Aug. 24.
- Cellulose derivative composition, Plasticized. W. Hentrich, W. Kaiser, and R. Endres. 2,316,242; Apr. 13.
- Cellulose derivative sheeting, Coating. M. L. Piker. 2,308,024; Jan. 12.
- Cellulose derivatives, Preparing nitrogenous. L. H. Bock and A. L. Houk. 2,332,047; Oct. 19.
- Cellulose derivatives, Preparing organic solvent-soluble. L. H. Bock and A. L. Houk. 2,332,049; Oct. 19.
- Cellulose derivatives, Producing. R. S. Bley. 2,310,729; Feb. 9.
- Cellulose derivatives, Production of. H. Dreyfus. 2,321,069; June 8.
- Cellulose, Discharge printing organic derivatives of. H. C. Oplin and W. C. McKnight. 2,316,277; Apr. 13.
- Cellulose ester manufacture. R. Hofmann and W. Simpson. 2,315,203; Mar. 30.
- Cellulose ester material, Reclaiming. C. R. Fordyce and J. G. Stampfl. 2,337,880; Dec. 28.
- Cellulose esters, Manufacture of. H. Dreyfus. 2,331,967; Oct. 19.
- Cellulose esters, Preparing. G. D. Hiatt and L. W. Blanchard, Jr. 2,316,866; Apr. 20.
- Cellulose esters, Preparing far-hydrolyzed. C. L. Crane. 2,327,770; Aug. 24.
- Cellulose esters, Production of. G. W. Seymour and B. B. White. 2,329,730.
- Cellulose ether composition. A. R. Gabel and F. L. Taylor. 2,331,090; Oct. 5.
- Cellulose ether composition. C. B. Gilbert. 2,322,013; June 15.
- Cellulose ether derivatives and producing the same. A. E. Broderick. 2,329,741; Sept. 21.
- Cellulose ethers, Manufacture of. A. S. Finlayson. 2,313,866; Mar. 16.
- Cellulose ethers, Preparing cold-water-soluble powdered. R. W. Swinehart and A. T. Maasberg. 2,331,865; Oct. 12.
- Cellulose ethers quickly soluble in cold water, Preparing powdered. R. W. Swinehart and A. T. Maasberg. 2,331,864; Oct. 12.
- Cellulose fiber having an improved loop tenacity. Stretch-spin regenerated. J. W. Hill and W. D. Nicoll. 2,335,592; Nov. 30.
- Cellulose fibers and treating them. E. Schirm. 2,333,203; Nov. 2.
- Cellulose films, staple fibers, and artificial silk, Continuously forming. J. C. de Noolj and E. Bleibler. 2,319,305; May 18.
- Cellulose materials, of improved fastness to light and preparing same. Dyed. C. Graenacher, C. Rossi, and H. Bruengger. 2,320,588; June 1.
- Cellulose, Organic esters of. C. Dreyfus and R. D. Rowley. 2,329,705; Sept. 21.
- Cellulose product. S. M. Edelstein. 2,322,427; June 22.
- Cellulose product. L. Ubbelohde. 2,322,981; June 29.
- Cellulose, Dressed and softened regenerated. W. Gellenden and J. Eggert. 2,312,708; Mar. 2.
- Cellulose, Saccharifying. D. Ferrari and M. Toresl. 2,323,022; June 29.
- Cellulose sheets, Making. E. Czapek. 2,313,520; Mar. 9.
- Cellulose solutions in strong mineral acids, Continuous spinning of. H. Fink, G. Rath, and R. Hofstadt. 2,334,615; Nov. 30.
- Cellulose spinning process, Cuprammonium. A. Reichle and L. Mehler. 2,315,224; Mar. 30.
- Cellulose textile materials, Treatment of. E. E. Tallis and W. J. C. Field. 2,312,199; Feb. 23.
- Cellulose triacetate materials, Preparing flexible. J. Spence and S. S. Sweet. 2,330,310; Dec. 7.
- Cellulose tubing and making the same, Regenerated. P. D. Massoline. 2,315,804; Apr. 6.
- Cellulosic article. W. D. R. Straughn. 2,311,910; Feb. 23.
- Cellulosic material, Coated. H. W. Arnold, G. L. Dorrough, and G. H. Latham. 2,334,236; Nov. 16.
- Cellulosic material, Treating. E. O. Ridgway. 2,315,545; Apr. 6.
- Cellulosic materials and producing same. A. McAlevy. 2,316,525; Apr. 13.
- Cellulosic materials, Color-coating. E. R. Bolter, H. E. Hanthorn, and R. H. Treadway. 2,317,436; Apr. 27.
- Cellulosic materials, Production of improved. R. E. Reeves. 2,323,181; June 29.
- Cellulosic materials, Protecting. E. R. Littmann. 2,315,064; Mar. 30.
- Cellulosic materials, Treatment of. C. C. Wilcock and C. P. Tattersfield. 2,316,037; Apr. 6.
- Cellulosic plastic composition. L. P. Kyrides. 2,331,330; Oct. 12.
- Cellulosic ribbon spool and constructing the same. M. Katz. 2,314,146; Mar. 16.
- Cellulosic structure. H. S. Rothrock. 2,328,679; Sept. 7.
- Cellulosic structure and producing same. T. G. Finsel. 2,327,413; Aug. 24.
- Cement, Acidproof. H. R. Goodrich. 2,323,029; June 29.
- Cement applying mechanism. B. Jorgensen. 2,324,510; July 20.
- Cement block molding machine. H. E. Dunn. 2,314,577; Mar. 23.
- Cement, Ceramic. W. K. Carter. 2,329,589; Sept. 14.
- Cement composition. H. R. Wilson. 2,316,039; Apr. 6.
- Cement compositions, Portland. R. B. Booth. 2,307,485; Jan. 5.
- Cement-fiber board. A. Elmendorf. 2,332,703; Oct. 26.
- Cement fiber product, Surfaced. C. H. Schuh. 2,324,325; July 13.
- Cement glaze, Applying cold. J. C. Blair-McGuffie. 2,307,696; Jan. 5.
- Cement, Manufacture of. H. S. Ponzer. 2,329,940; Sept. 21.
- Cement mixtures, Increasing the plasticity of Portland. R. B. Booth. 2,311,288-90; Feb. 16.
- Cement or cement grout, Production of fluent. J. S. Morgan, J. C. Gammon, and H. S. Morgan. 2,316,705; Apr. 13.
- Cement products, Making. G. D. King. 2,322,194; June 15.
- Cement products, Manufacture of hydraulic. R. B. Crabbs. 2,328,058; Aug. 31.
- Cement raw materials, Froth flotation of. D. W. Jayne, Jr., S. E. Erickson, and H. M. Day. 2,336,014; Dec. 7.
- Cement, Resin. C. T. West and M. Treshow. 2,314,639; Mar. 23.
- Cement spraying unit. C. C. Bell. 2,310,205; Feb. 9.
- Cement for platform sole and wedge heel units. W. L. MacKenzie. 2,325,784; Aug. 3.
- Cementing apparatus, Shoe. E. L. Crandell. 2,309,303; Jan. 26.
- Cementing machine. I. L. Keith. 2,320,438; June 1.
- Cementing machine. W. L. MacKenzie. 2,335,348; Nov. 30.
- Cementing machine for thin material. P. H. Dixon. 2,318,600; May 11.
- Cementing of articles, Method and apparatus for the. E. L. Crandell. 2,333,412; Nov. 2.
- Cementing of walls and the like. J. D. Chesnut. 2,319,720; May 18.

- Cementing plug. G. N. Anderson. 2,330,659; Sept. 28.
 Cementing plug. C. E. Burt. 2,330,660; Sept. 28.
 Cementing machine. E. S. Nokes. 2,326,249; Aug. 10.
 Cementing machine. A. Soltan. 2,314,172; Mar. 16.
 Cementing machines. Nozzle for sole. W. W. Prue. 2,336,121; Dec. 7.
 Cementing process. E. C. Pitman. Re. 2,301; Apr. 13.
 Cementing tool. J. S. Gordy. 2,331,185; Oct. 5.
 Cementing welds. A. B. Cannon. 2,316,162; Apr. 13.
 Cementitious article of manufacture. J. C. MacIldowie. 2,307,029; Jan. 5.
 Cementitious product. R. W. Adams. 2,335,722; Nov. 30.
 Center adjuster. Automatic. R. U. Lipscomb and W. G. Reid. 2,314,140; Mar. 16.
 Center drill. E. J. Schwartz. 2,334,845; Nov. 23.
 Center stretched strip. Manufacture of. L. L. Wilson, H. W. Lomiller and M. L. Bible. 2,326,715; Aug. 10.
 Centering device. A. M. Krieger. 2,308,985; Jan. 19.
 Centering device for car couplers. W. J. Metzger. 2,336,948; Dec. 14.
 Centering device for the cutting of sheet-metal disks. A. Hampf. 2,330,577; Sept. 28.
 Centering grinder work support. G. W. Rauschenberger. 2,332,528; Oct. 26.
 Centerless turning machine. A. Pope. 2,311,098; Feb. 23.
 Centralizer for rock drills. P. H. Nast. 2,333,487; Nov. 2.
 Centrifugal apparatus. T. Chester. 2,329,696; Sept. 21.
 Centrifugal casting apparatus. R. E. Daniel. 2,313,926; Mar. 16.
 Centrifugal casting mold. S. B. Ritchie. 2,320,395; June 1.
 Centrifugal clutch. R. M. Heintz. 2,333,007; Oct. 26.
 Centrifugal clutch. N. B. Wilson. 2,317,573; Apr. 27.
 Centrifugal compressor. C. W. Smith. 2,323,941; July 13.
 Centrifugal device. C. P. Pepper. 2,307,539; Jan. 5.
 Centrifugal extractor. J. P. Beattie. 2,334,858; Nov. 23.
 Centrifugal extractor. T. A. Bryson. 2,307,107; Jan. 5.
 Centrifugal fan. W. J. Caldwell. 2,335,734; Nov. 30.
 Centrifugal head pressure device. E. E. Wemp. 2,336,973; Dec. 14.
 Centrifugal hydroextractor. A. Bailly. 2,315,036; Mar. 16.
 Centrifugal impeller. E. Schultz. 2,320,663; June 1.
 Centrifugal machines. Loading gate for. J. Hertrich. 2,337,817; Dec. 28.
 Centrifugal pump. C. Blom. 2,331,299; Oct. 12.
 Centrifugal pump. L. B. Harrington. 2,310,230; May 18.
 Centrifugal pump. A. C. Korte and K. Lannert. 2,318,786; May 11.
 Centrifugal pump apparatus. W. P. Naegle and F. W. Steenhoek. 2,330,327; Jan. 26.
 Centrifugal purification of liquids. L. D. Jones. 2,321,144; June 8.
 Centrifugal screening machine for paper stock and similar material. A. J. Haug. 2,312,545; Mar. 2.
 Centrifugal separating method and apparatus. L. D. Jones. 2,321,918; June 15.
 Centrifugal separator. C. E. Bannister. 2,311,606; Feb. 16.
 Centrifugal separator. C. M. Johnson. 2,314,986; Mar. 30.
 Centrifugal separator. L. D. Jones. 2,324,933; July 20.
 Centrifugal separator. A. J. Patch. 2,331,565; Oct. 12.
 Centrifugal separator. C. F. Terhune. 2,327,613; Aug. 24.
 Centrifugal separator. S. H. B. Zachariassen. 2,319,653; May 18.
 Centrifugal separator and process. L. P. Sharples. 2,331,352; Oct. 12.
 Centrifugal switch. G. W. Bower. 2,333,977; Nov. 9.
 Centrifugally operated clutch. W. W. Everts. 2,312,889; Mar. 2.
 Centrifugally operated mercury switch. J. H. Staley. 2,330,392; Sept. 28.
 Centrifuge. R. C. Kivley. 2,308,697; Jan. 10.
 Centrifuge basket. C. A. Oleott. 2,315,980; Apr. 6.
 Ceramic bag. P. J. Rabit. 2,320,467; June 1.
 Ceramic. H. S. Cooper. 2,337,521; Dec. 21.
 Ceramic and making same. Bauxite. J. A. Heany. 2,311,228; Feb. 16.
 Ceramic article and making same. T. G. McDougal and K. Schwartzwalder. 2,336,182; Dec. 7.
 Ceramic articles. Coating. E. H. Fisher. 2,329,114; Sept. 7.
 Ceramic bodies. Producing. W. L. C. van Zwet. 2,322,179; June 15.
 Ceramic body and making the same. K. Schwartzwalder and A. H. Fessler. 2,308,115; Jan. 12.
 Ceramic coating composition. A. J. Deyrup. 2,316,742; Apr. 13.
 Ceramic composition and article made therefrom. T. G. McDougal and K. Schwartzwalder. 2,308,092; Jan. 12.
 Ceramic decorating composition. C. Robertson and A. J. Deyrup. 2,316,745; Apr. 13.
 Ceramic denture material and denture or denture part. R. W. Erdle. 2,334,319; Nov. 16.
 Ceramic from bauxite and making same. J. A. Heany. 2,310,953; Feb. 16.
 Ceramic heating element and gas heater embodying the same. R. A. Dudley. 2,310,406; Feb. 9.
 Ceramic insulating material and producing the same. G. Berge. 2,328,410; Aug. 31.
 Ceramic insulator and making the same. R. D. Bügel. 2,330,950; Oct. 5.
 Ceramic insulators. L. R. Shardlow. 2,314,107; Mar. 16.
 Ceramic material. M. D. Righerink. 2,332,343; Oct. 19.
 Ceramic materials, Reinforced. J. R. Parsons. 2,307,332; Jan. 5.
 Ceramic pigments and preparation. Black. H. Diehl. 2,309,173; Jan. 26.
 Ceramic product, and producing same. Vapor-glazed. W. S. Ramsay and G. A. Bole. 2,320,099; May 25.
 Ceramic surface. High strength. K. E. Stettinius and B. F. Dewey. 2,327,972; Aug. 24.
 Ceramic surfaces. Making high strength. K. E. Stettinius and B. F. Dewey. 2,337,691; Dec. 28.
 Ceramic ware. Firing. A. H. Fessler and A. P. Watta. 2,310,578; Feb. 9.
 Ceramics. W. K. Carter. 2,318,753; May 11.
 Ceramics. J. W. Whittemore and C. R. Oberfell. 2,326,720; Aug. 10.
 Cereal and the like. Toasting flaked. T. R. James. 2,317,532; Apr. 27.
 Cereal grain germ, Treating. E. Levin. 2,314,282; Mar. 16.
 Cereals. Production of candy coated puffed. J. S. Rex. 2,333,442; Nov. 2.
 Chain. See—
 Antiskid tire chain. Power transmission chain
 Auto skid chain. Tire chain.
 Cutter chain.
 Chain. D. B. Perry. 2,324,640; July 20.
 Chain. C. E. Sereit. 2,325,716; Aug. 3.
 Chain arrangement. Rotary kiln. W. C. Johnson. 2,332,724; Oct. 26.
 Chain assembly, Multiple. E. G. White. 2,315,146; Mar. 30.
 Chain closure for shoes. Flexible. A. W. Kochler. 2,321,751; June 15.
 Chain construction. S. A. Holmes. 2,317,769; Apr. 27.
 Chain conveyor. G. Maniere. 2,319,617; May 18.
 Chain fastening device, Traction. J. F. Kane. 2,315,060; Mar. 30.
 Chain guanamines and process of producing same. Branched. J. T. Thurston. 2,321,052; June 8.
 Chain hoist. C. Schroeder. 2,335,571; Nov. 30.
 Chain loader. H. P. Hopp and E. Kunzelman. 2,330,123; Sept. 21.
 Chain link mechanism for pig casting apparatus. F. F. Bollinger. 2,328,778; Sept. 7.
 Chain or belt tensioning mechanism, Automatic. H. G. Koller. 2,329,911; Sept. 21.
 Chain running on tracks. Automatically lubricated roller. C. H. Kohn. 2,309,603; Jan. 26.
 Chain saw. E. Kupka. 2,320,082; May 25.
 Chain shot. J. D. Forbes. 2,308,683; Jan. 19.
 Chain-stitch sewing machine. F. F. Zeiler. 2,312,858; Mar. 2.
 Chain tool. S. S. Carlson. 2,312,027; Feb. 23.
 Chain wheel. S. M. Renkin. 2,321,702; June 15.
 Chains. Applying and removing antiskid. P. F. Lapidovsky. 2,308,819; Jan. 19.
 Chains to lower clips. Connecting bead. F. A. Strawlsine. 2,326,408; Aug. 10.
 Chair. See—
 Adjustable chair. Posture chair.
 Baby's high chair. Reclining chair.
 Collapsible chair. Rocking chair.
 Convertible chair. Shampoo chair.
 Driver's chair. Surgical chair.
 Folding chair. Upholstered metal chair.
 Offset pedestal chair. Walker and rolling chair.
 Chair. F. Bauer. 2,311,810; Feb. 23.
 Chair. E. C. Booth. 2,317,515; Apr. 27.
 Chair. P. J. Davis. 2,314,130; Mar. 16.
 Chair. M. Despres. 2,308,328; Jan. 12.
 Chair. D. F. Ebbert. 2,318,067; May 4.
 Chair. E. H. Hamilton. 2,326,913; Dec. 7.
 Chair. L. Larsen and E. P. Klar. 2,313,559; Mar. 9.
 Chair. R. K. Lee. 2,331,203; Oct. 5.
 Chair. E. J. Lloyd. 2,325,141; July 27.
 Chair. W. C. Lucas. 2,320,786; June 1.
 Chair. F. H. Mueller. 2,333,073; Oct. 26.
 Chair. M. K. Orton. 2,336,031; Dec. 7.
 Chair. A. T. Romk. 2,336,125; Dec. 7.
 Chair. E. T. Todd. 2,310,476; Feb. 9.
 Chair. W. G. Uline. 2,309,800; Feb. 2.
 Chair. R. E. Wise. 2,309,881; Feb. 2.
 Chair. G. D. Wood. 2,328,243; Aug. 31.
 Chair. G. W. Young. 2,326,910; Aug. 17.
 Chair. G. W. Young. 2,329,572; Sept. 14.
 Chair action. Swivel. A. M. Schaeff. 2,311,875; Feb. 23.
 Chair and bed section. Combination. J. L. Kost. 2,329,914; Sept. 21.
 Chair attachment. L. E. Kynce. 2,332,582; Oct. 26.
 Chair attachment. S. H. Newton and B. T. Griner. 2,311,566; Feb. 16.
 Chair, Chaise longue, and bed. Combined. C. E. Campbell. 2,307,908; Jan. 12.
 Chair construction. W. McArthur. 2,331,990; Oct. 19.

- Chair or seat structure, and control for seat back-adjusting mechanism thereof. C. H. Will. 2,311,105; Feb. 16.
- Chair or seat structure, and upholstery assembled therefor. C. H. Will. 2,311,104; Feb. 16.
- Chair structure. J. W. Hanson. 2,319,597; May 18.
- Chair, Tilting. W. F. Herold. 2,321,385; June 8.
- Chalk and chalk dust collection receptacle. D. Aragona. 2,329,737; Sept. 21.
- Chamber, Combustion. E. W. Jorolemon. 2,329,271-2; Sept. 14.
- Chamber for fluid fuel burners, Movable radiating and combustion. J. L. Breese. 2,326,432; Aug. 10.
- Chamber for pneumatic cleaning apparatus, Receiving. R. P. Sweeny. 2,333,961; Nov. 9.
- Change dispenser. A. F. Sacksteder. 2,337,625; Dec. 28.
- Change gearing, Automatic speed. W. A. Duffield. 2,326,994; Aug. 17.
- Change return mechanism for vending machines. C. E. Lay. 2,309,873; Feb. 2.
- Change speed device. J. W. Hale. 2,328,273; Aug. 31.
- Change speed gear. G. Meyer. 2,323,070; June 29.
- Change speed mechanism. J. M. Hall and H. E. Tucker. 2,321,672; June 15.
- Change speed transmission and control mechanism therefor. G. T. Randol. 2,327,063; Aug. 17.
- Changeable electric sign. L. Ghigini. 2,337,988; Dec. 28.
- Changeable letter sign. B. H. Adler. 2,313,723-4; Mar. 16.
- Changeable sign. A. T. Senesac. 2,323,157; June 29.
- Changing the capacity of cellulose fibers for dyes. L. H. Bock and A. L. Houk. 2,336,341; Dec. 7.
- Channel construction, Filler feeding. H. H. Wheeler. 2,329,233; Sept. 1.
- Channel members, elbows and U-bends, Forming. J. J. South. 2,335,887; Dec. 7.
- Character and amount printing mechanism, Special. H. E. Brown. 2,313,418; Mar. 9.
- Character bearing holder. C. F. Mitchell. 2,336,184; Dec. 7.
- Characteristics of surfaces, Method of and apparatus for determining. H. A. Snow. 2,316,282; Mar. 30.
- Charge former. T. A. St. Clair. 2,315,579; Apr. 6.
- Charge forming device. J. R. Dowdell. 2,326,205; Aug. 10.
- Charge forming device. F. C. Mock and E. J. Partington. 2,310,984; Feb. 16.
- Charger, Cupola. J. Richardson. 2,333,042; Oct. 26.
- Charger former. G. Welche. 2,330,650; Sept. 28.
- Charging cover. A. O. Godny. 2,319,533; May 18.
- Charging crane for fireless locomotives. P. Gill and K. Velan. 2,313,013; Mar. 2.
- Charging device. G. Maurer. 2,311,452; Feb. 16.
- Charging device. J. W. White and G. W. Pontus, III. 2,332,419; Oct. 19.
- Charging head, Controllable. W. B. Threm. 2,328,863; Sept. 7.
- Charging mechanism for aerators and the like. I. T. Ward. 2,336,708; Dec. 14.
- Chart or placard for paint sets, Improved outline. P. D. Lomme. 2,319,014; May 11.
- Chart, Seal. B. W. King. 2,315,710; Apr. 6.
- Chassis and truck, Scooter car. J. M. Rodriguez. 2,330,147; Sept. 21.
- Chassis frame suspension. R. L. Wimbish. 2,310,821; Feb. 9.
- Chassis, Motor trailer. E. C. McDaniel. 2,316,702; Apr. 13.
- Chassis truss bar. H. Schutz. 2,330,522; Sept. 28.
- Check. I. B. Case. 2,310,394; Feb. 9.
- Check and coupons. O. Lefebvre. 2,334,777; Nov. 23.
- Checkbook holder. W. P. Exline. 2,317,748; Apr. 27.
- Check controlled and dispensing turnstile and other device. H. M. Kilpatrick. 2,312,340; Mar. 2.
- Check controlled apparatus. C. F. Cookson. 2,330,871; Oct. 5.
- Check, Door. H. M. Borden. 2,337,966; Dec. 28.
- Check for looms, Picker stick. J. C. Crocker. 2,322,685; Feb. 18.
- Check for picker sticks. J. W. Jones. 2,319,689; May 18.
- Check form, Foldover. D. F. Dienna, Jr. 2,323,586; July 6.
- Check indorsing machine. A. E. Miller and V. O. Wilkerson. 2,307,150; Jan. 5.
- Check, Multiple. E. A. Wilbanks. 2,310,332; Feb. 9.
- Check protecting machine or the like. W. B. Payne. 2,329,646; Sept. 14.
- Check row attachment for corn planters. H. Reuter. 2,332,601; Oct. 26.
- Check-stop, Automatic. H. Bendon and H. N. McMenimen. 2,329,240; Sept. 1.
- Check valve. D. G. Griswold. 2,328,007; Aug. 31.
- Check valve. D. G. Griswold. 2,328,009-10; Aug. 31.
- Check valve. R. E. Marguardt, H. R. Anspach, and C. A. Croteau. 2,322,462; June 22.
- Check valve. W. W. Smith. 2,332,406; Oct. 19.
- Check valve. R. Stevenson. 2,335,814; Nov. 30.
- Check valve and vacuum breaker, Flexible. J. D. Langston. 2,328,382; Aug. 31.
- Check valve device. G. T. McClure. 2,311,851; Feb. 23.
- Check valve for door closers. J. F. Voelkel. 2,310,902; Feb. 9.
- Checker, Savings. J. K. Stewart and A. W. Morgan, Jr. 2,329,227; Sept. 14.
- Checking device. H. V. Christensen. 2,336,845; Dec. 14.
- Checking machine, Container fill. A. L. Kronquest. 2,324,782; July 20.
- Checking pencil. L. S. Malm and J. F. Oneto. 2,334,271; Nov. 16.
- Checking station for self-service stores. H. N. Bradley. 2,317,438; Apr. 27.
- Cheese and the like, Packaging process. J. E. Snyder. 2,319,956; May 25.
- Cheese coating. J. D. Ingle and L. D. Mink. 2,329,470; Sept. 1.
- Cheese cutting machine. J. A. Marquis and A. G. Stephenson. 2,310,248; Feb. 9.
- Cheese emulsification. J. D. Ingle. 2,319,187; May 11.
- Cheese, Emulsifying. J. D. Ingle. 2,317,958; Apr. 27.
- Cheese, Making. E. D. Fear. 2,326,133; Aug. 10.
- Cheese, Making cheddar. C. B. Lane and B. W. Hammer. 2,322,148; June 15.
- Cheese, Making cottage. E. D. Fear. 2,326,132; Aug. 10.
- Cheese, Manufacture of process. W. O. Beers. 2,325,217; July 27.
- Cheese treatment. J. D. Ingle. 2,336,358; Dec. 7.
- Cheesing machine. F. King. 2,337,112; Dec. 21.
- Chef's cap. J. I. Kingston. 2,329,539; Sept. 14.
- Chemical apparatus, Subaqueous. E. P. Wiedenhoef. 2,330,164; Sept. 21.
- Chemical carrier for water treatment. A. L. Weaver. 2,329,429; Sept. 14.
- Chemical composition. W. M. Lee and C. R. Erikson. 2,320,087; May 25.
- Chemical compound. O. O. Cook and C. E. Watson. 2,317,671; Apr. 27.
- Chemical compound and process. J. H. Werntz. 2,326,270; Aug. 10.
- Chemical compounds and making the same. G. E. Holbrook and L. Spiegler. 2,330,713; Sept. 28.
- Chemical compounds and preparing the same. J. Piki. 2,327,213; Aug. 17.
- Chemical condensation product. W. B. McCluer and R. W. Hufferd. 2,337,336; Dec. 21.
- Chemical pressure injector. E. W. Dodge. 2,310,576; Feb. 9.
- Chemical manufacture. J. D. MacMahon. 2,319,697; May 18.
- Chemical process. E. Arundale and L. A. Mikeska. 2,307,872; Jan. 12.
- Chemical process. E. Arundale and L. A. Mikeska. 2,336,585; Dec. 14.
- Chemical process. J. E. Bludworth. 2,333,696; Nov. 9.
- Chemical process. A. W. Francis. 2,314,333; Mar. 23.
- Chemical process. M. S. Kharasch and H. C. Brown. 2,326,228; Aug. 10.
- Chemical process. J. E. Kirby and J. H. Werntz. 2,323,714; July 6.
- Chemical process. L. A. Mikeska and E. Arundale. 2,337,059; Dec. 21.
- Chemical process. C. O. Tongberg. 2,330,761; Sept. 28.
- Chemical process. C. Winning and L. A. Mikeska. 2,331,448; Oct. 12.
- Chemical process and composition. D. M. McQueen. 2,323,481; July 6.
- Chemical process and product. W. P. Arnold and E. R. Boller. 2,325,359; July 27.
- Chemical process and product. W. E. Hanford. 2,312,967; Mar. 2.
- Chemical process and product. R. J. Kepfer. 2,326,950; Aug. 17.
- Chemical process for dezincking galvanized scrap. J. E. Gregory. 2,307,625; Jan. 5.
- Chemical product and producing same. A. E. Becker. 2,313,117; Mar. 9.
- Chemical product, Organic. C. E. Truebe, G. S. Shahovskoy, and J. Levy. 2,319,094; May 11.
- Chemical production of potable water from nonpotable saline water. A. Goetz. 2,322,689; June 22.
- Chemical pulp into viscose by adding anion active agents, Improving the processing of refined. P. H. Schlosser, K. R. Gray, and E. G. Hallonquist. 2,331,935; Oct. 19.
- Chemical pulp into viscose by adding cation active agents, Improving the processing of refined. P. H. Schlosser and K. R. Gray. 2,331,936; Oct. 19.
- Chemical treatment apparatus. L. F. Borchardt. 2,314,119; Mar. 16.
- Chemical treatment of paper. G. L. Schwartz and J. F. Walker. 2,322,887; June 29.
- Chemicals, Transportation of. R. B. MacMuklin. 2,332,242; Oct. 19.
- Chemical tuffing machine. I. E. Bills and W. B. Patey. 2,308,438; Jan. 12.
- Chest, Cedar. E. C. Crocker. 2,327,871; Aug. 24.
- Chest for silverware. E. A. Purchas. 2,334,839; Nov. 23.
- Chewing gum, Making. C. H. Flint. 2,330,571; Sept. 28.
- Chick box. K. I. Miller. 2,329,637; Sept. 14.
- Chick feeder. L. A. Shoemaker and K. A. Lenzen. 2,335,360; Dec. 7.
- Chick feeder. M. L. Vandiver. 2,332,821; Oct. 26.
- Chick shipping box. R. C. Marshall, Jr. 2,331,867; Oct. 12.
- Chicks, Determining the sex of. J. F. Hamlin. 2,318,687; May 11.

- Chilling means for draft beverages. L. Weiss. 2,316,376; Apr. 13.
- Chime. R. B. Brewer and L. G. Bergeron. 2,333,515; Nov. 2.
- Chime unit. C. L. McMullen. 2,333,875; Nov. 9.
- Chimney. E. R. Lovely. 2,328,731; Sept. 7.
- Chimney cap. G. C. Robbins. 2,319,884; May 25.
- Chimney, duct, and the like. A. V. Stanforth. 2,331,436; Oct. 12.
- Chimney hatch. A. R. Tummel. 2,311,915; Feb. 23.
- Chimney or ventilation cowl. O. Back. 2,310,828; Feb. 9.
- Chinaware and pottery, Manufacturing decorated. G. A. Bauer. 2,334,307; Nov. 16.
- Chip control mechanism. R. L. Wilcox. 2,315,994; Apr. 6.
- Chloranthraquinones and making them. P. Kränzelin. 2,313,155; Mar. 9.
- Chlorine, Production of vinyl. R. W. Dornte. 2,328,430; Aug. 31.
- Chloride solutions, Regeneration of deactivated cuprous. R. Stadler and A. Auerhahn. 2,323,631; July 6.
- Chlorinated hydrocarbons, Stabilizing. A. L. Pittman. 2,319,261; May 18.
- Chlorinated phenolaldehyde condensation products, Making. W. S. and M. Luby. 2,334,408; Nov. 18.
- Chlorinated rubber hydrochloride, Making. W. M. Kutz. 2,331,327; Oct. 12.
- Chlorinated terpene from turpentine, Producing. T. Hasselstrom and B. L. Hampton. 2,337,043; Dec. 21.
- Chlorination of chromium bearing materials. I. E. Muskat. 2,325,192; July 27.
- Chlorination of propylene polymers to give resins. L. A. Chlorinator. J. Garellek. 2,326,212; Aug. 10.
- Bannon. 2,315,037; Mar. 30.
- Chlorine dioxide and for separating the same from chlorine, Making. G. L. Cunningham. 2,317,443; Apr. 27.
- Chlorine dioxide by reaction of chlorite and aldehydes, production of. A. A. Hampel. 2,323,594; July 6.
- Chlorine dioxide, Manufacture of. C. A. Hampel and M. C. Taylor. 2,323,593; July 6.
- Chlorine dioxide, Manufacture of. W. S. Hutchinson and D. K. Mechem. 2,309,457; Jan. 26.
- Chlorine dioxide, Manufacture of. E. C. Soule. 2,332,181; Oct. 19.
- Chlorine dioxide, Producing. E. C. Soule. 2,335,808; Nov. 30.
- Chlorine, Making. F. W. de Jahn. 2,330,114; Sept. 21.
- Chlorine, Obtaining. W. C. Leete. 2,331,402; Oct. 12.
- Chlorine, Producing. F. R. Balcar. 2,312,952; Mar. 2.
- Chlorine, Production of. D. L. Reed. 2,309,919; Feb. 2.
- Chlorine, Treatment of. L. H. Sperry. 2,333,748; Nov. 9.
- Chloro-olefines, Preparation of. H. E. Buc and C. W. Muessig. 2,332,778; Oct. 26.
- Chloroacetamide, Preparation of. E. C. Britton and W. R. Shawver. 2,321,278; June 8.
- Chloroacetamide, Preparation of. I. Hechenbleikner. 2,331,681-2; Oct. 12.
- Chlorohydrins, Manufacture of. H. E. Buc and C. W. Muessig. 2,307,875; Jan. 12.
- Chloroprene compositions, Polymerized. A. D. MacDonald. 2,328,351; Aug. 31.
- Chlorosulphonic acid, Preparation of. N. A. Laury. 2,311,619; Feb. 16.
- Chock, Airplane wheel. O. Morgensen Jr. 2,316,178; Apr. 13.
- Chocolate composition and method of making. R. C. Drury. 2,328,791; Sept. 7.
- Chocolate, Making. J. F. McCashen. 2,327,281; Aug. 17.
- Chocolate process. F. S. Carver. 2,336,346; Dec. 7.
- Chocolate tempering apparatus. G. Jack. 2,313,705; Mar. 9.
- Choke for oil wells, Controlled pumping. C. M. Williams. Re. 22,384; Oct. 12.
- Choke means, Barrel. E. F. White. 2,335,138; Nov. 23.
- Choke mechanism and choke valve, Automatic. C. H. Jorgensen. 2,327,003; Aug. 24.
- Cholesterol conversion products containing sulphur, Producing. H. Fiedler, K. Heimig, and H. Liesegang. 2,326,936; Aug. 17.
- Chopper, Cotton. C. E. Morris. 2,312,666; Mar. 2.
- Chorionic substances, Isolating. E. Schwenk and G. A. Fleischer. 2,327,375; Aug. 24.
- Christmas tree stand. S. Ginka. 2,317,049; Apr. 20.
- Christmas tree stand. R. W. Meldrum. 2,337,914; Dec. 28.
- Chromane compounds, Manufacture of. R. Behnisch. 2,334,743; Nov. 23.
- Chromanes, Preparation of 6-hydroxy. P. Karrer and O. Isler. 2,309,598; Jan. 26.
- Chrome yellow. H. E. Bruce. 2,313,619; Mar. 9.
- Chromite blocks, Production of. K. Erdmann. 2,316,228; Apr. 13.
- Chromite ores, particularly masinloc ore to obtain therefrom aluminum, chromium, and other products, Treating. E. M. Hawk. 2,316,330; Apr. 13.
- Chromium bearing materials, Chlorination of. I. E. Muskat. 2,311,458-9; Feb. 16.
- Chromium plate and the product thereof and bath therefor, Producing a white platinumlike color. J. J. Triska. 2,307,551; Jan. 5.
- Chromium recovery. M. J. Udy. 2,332,415; Oct. 19.
- Chromium trioxide, Production of. C. N. Smith. 2,333,363; Nov. 30.
- Chromium wearing surfaces, Producing. H. Van der Horst. 2,314,604; Mar. 23.
- Chuck. W. K. Beckwith. 2,324,130; July 13.
- Chuck. J. Berritta. 2,309,495; Jan. 26.
- Chuck. E. R. Dunn. 2,331,111; Oct. 5.
- Chuck. A. J. Franke. 2,310,580; Feb. 9.
- Chuck. H. M. Johnston and G. Sneddon, Jr. 2,323,091; June 29.
- Chuck. F. C. Snyder. 2,327,074; Aug. 17.
- Chuck, Automatic collet. C. M. Bell. 2,326,322; Aug. 10.
- Chuck, Collet. R. E. Hines. 2,337,471; Dec. 21.
- Chuck, Crankshaft. W. F. Groene and W. R. Meyer. 2,320,983; June 1.
- Chuck, Crankshaft. W. R. Meyer. 2,334,639; Nov. 10.
- Chuck, Drive. S. P. Wakoner. 2,321,533; June 8.
- Chuck, Fluid pressure operated. E. A. F. Redmer. 2,338,000; Dec. 28.
- Chuck for grooving and surfacing machines. W. H. Haynes. 2,313,640; Mar. 9.
- Chuck for rotating and advancing tubing or other material. E. B. Tilley. 2,316,117; Apr. 6.
- Chuck, handling device for lathes. H. Bowerman. 2,315,393; Mar. 30.
- Chuck, Indexing. F. G. Zagar. 2,335,721; Nov. 30.
- Chuck, Lathes. F. S. Floeter. 2,322,623; June 22.
- Chuck, Magnetic. J. T. Beechlyn. 2,333,230; Nov. 2.
- Chuck mechanism. J. C. Curtis. 2,337,312; Dec. 21.
- Chuck mechanism. H. C. Johansen. 2,310,360; Feb. 16.
- Chuck, feeding mechanism. G. A. Highberg and H. Hickey. 2,322,440; June 22.
- Chuck, Quick-change. G. Hedling. 2,330,095; Dec. 7.
- Chuck, Self-centering. R. Czellitzer. 2,309,754; Feb. 2.
- Chucking device, Arbor. A. L. Pizzi and W. R. Quackenbush. 2,315,901; Apr. 6.
- Chucking mechanism. R. H. Cramer. 2,315,937; Apr. 6.
- Chuck. J. H. Godfrey. 2,334,919; Nov. 23.
- Chuck. W. L. Smith. 2,326,504; Aug. 10.
- Chute. S. E. Williams. 2,337,217; Dec. 21.
- Chute, Coin delivery. A. R. Buchholz and O. E. Hoffman. 2,311,732; Feb. 23.
- Chute, Expansible. G. A. Mashon. 2,310,251; Feb. 9.
- Chute for ammunition and other articles. H. Trevisaki. 2,310,884; Feb. 9.
- Chute, Coal. P. E. Mills. 2,318,410; May 4.
- Cigar and cigarette. G. A. Betts. 2,327,991; Aug. 31.
- Cigar and filler transfer device. C. F. Röber and A. Böttger. 2,310,120; Feb. 2.
- Cigar bunch cutting mechanism. L. Ferencel. 2,310,221; May 18.
- Cigar bunch separating mechanism. J. F. Hulstead. 2,340,489; Feb. 9.
- Cigar bunch shaping machine and knife therefor. L. Swinford. 2,320,898; June 1.
- Cigar lighter. H. G. Lehmann. 2,310,701; Feb. 9.
- Cigar machine. K. E. Granstedt. 2,330,574; Sept. 28.
- Cigar machine long filler feed. H. H. Wheeler. 2,311,011; Feb. 16.
- Cigar machine wrapper transfer carrier head. H. E. Carlson. 2,316,838; Apr. 20.
- Cigar piercing apparatus. B. J. Niemczynski, J. B. and J. D. Midulla. 2,312,577; Mar. 2.
- Cigar rolling machines, Roller and trimmer for. H. H. Wheeler. 2,337,076; Dec. 21.
- Cigarette. I. B. Langdon. 2,314,147; Mar. 16.
- Cigarette. E. O. Whiteley. 2,307,088; Jan. 5.
- Cigarette and cigarette holder. H. E. Waldrip and R. J. McMillan. 2,330,460; Sept. 28.
- Cigarette ash tray. C. M. Trimble. 2,331,735; Nov. 23.
- Cigarette case. H. Glenn. 2,313,428; Mar. 9.
- Cigarette case. R. N. Luffer. 2,316,900; Apr. 6.
- Cigarette case. P. L. McCon. 2,327,120; Aug. 17.
- Cigarette case or the like, Transparent. C. A. Pelrice. 2,309,009; Jan. 19.
- Cigarette container. J. H. Van Sicks. 2,329,866; Sept. 21.
- Cigarette density recording machine, Individual. J. Lopez. 2,338,070; Dec. 28.
- Cigarette dispenser. C. W. Burger. 2,310,933; Feb. 16.
- Cigarette dispenser. M. Tanzi. 2,309,799; Feb. 2.
- Cigarette extinguisher. A. J. Millett. 2,335,432; Nov. 30.
- Cigarette extinguisher. J. M. Radabaugh. 2,335,695; Nov. 30.
- Cigarette extinguisher. R. E. van Norstrand. 2,322,604; June 22.
- Cigarette extinguisher and ash tray. H. M. Hawkins. 2,319,861; May 25.
- Cigarette feed for packers. C. Arelt. 2,334,142; Nov. 9.
- Cigarette flavoring means. S. B. Shapiro. 2,333,049; Oct. 26.
- Cigarette holder. J. H. Brady. 2,320,561; June 1.
- Cigarette holder. J. Daisky. 2,319,850; May 25.
- Cigarette holder. S. Kareff. 2,308,084; Jan. 12.
- Cigarette lighter. I. Florman. 2,321,135; June 8.
- Cigarette machine. E. R. Hiebert. 2,335,514; Nov. 30.
- Cigarette machine. A. V. Williams. 2,308,323; Jan. 12.
- Cigarette making machine. S. Krasnow and W. Edelberg. 2,310,297; Feb. 9.
- Cigarette making machine. W. Leathers. 2,319,611; May 18.

- Cigarette-making machine. J. V. Reid and P. Richer. 2,329,163; Sept. 7.
- Cigarette-making machine. F. F. Ruau. 2,330,010; Sept. 21.
- Cigarette making machine, Portable. K. J. Ptasnik. 2,314,734; Mar. 23.
- Cigarette package and match book holder. C. C. Baldwin. 2,320,167; May 25.
- Cigarette rest for ash receptacles. R. Litschgi. 2,333,259; Nov. 2.
- Cigarette roller. N. W. Cummins. 2,312,237; Feb. 23.
- Cigarette rolling device. R. M. Bond. 2,317,513; Apr. 27.
- Cigarette rolling form. A. H. Hood, Jr. 2,323,867; July 6.
- Cigarette, Self-igniting. A. D'Annunzio. 2,314,389; Mar. 23.
- Cigarette snuffer and ash tray. A. R. Glidden. 2,327,518; Aug. 24.
- Cigarette snuffer and ejector with combined activating device. J. M. Brand. 2,311,926; Feb. 23.
- Cigarette supporter and snuffer. B. E. Bowles. 2,312,870; Mar. 2.
- Cigarette tray. G. R. Penn. 2,337,409; Dec. 21.
- Cigarettes, cigarette paper, and tobacco, Method of and composition for treating. J. B. Morton. 2,329,927; Sept. 21.
- Cigars, Manufacture of. W. F. M. Edwards. 2,335,747; Nov. 30.
- Cigars, Making. F. C. Gladeck. 2,316,785; Apr. 20.
- Cigars, Packaging. J. C. Draper. 2,334,999; Nov. 23.
- Cinder collector. R. L. Lincoln. 2,327,197; Aug. 17.
- Cinder collector. R. L. Lincoln. 2,331,787; Oct. 12.
- Cinematograph. T. J. Morgan and A. S. Dearborn. 2,313,663; Mar. 9.
- Cinematograph. T. J. Morgan and A. S. Dearborn. 2,335,436; Nov. 30.
- Cinematograph camera provided with a magazine. O. Steiner. 2,326,980; Aug. 17.
- Cinematograph film feeding mechanism. T. J. Morgan and A. S. Dearborn. 2,335,435; Nov. 30.
- Cinematographic fading device. J. Bolsey. 2,319,204; May 18.
- Cinematographic registering apparatus. G. F. Rackett. 2,328,492; Aug. 31.
- Cinematography. C. D. Bennes. 2,330,796; Oct. 5.
- Circuit: See—
- Alarm circuit.
 - Automatic circuit.
 - Automatic tone control circuit.
 - Balanced interrupter circuit.
 - Cathode ray beam deflecting circuit.
 - Control circuit.
 - Counter circuit.
 - Coupling circuit.
 - Current responsive circuit.
 - Degenerative expander-compressor circuit.
 - Direction signal circuit.
 - Discriminator circuit.
 - Dynamic circuit.
 - Electric circuit.
 - Electric control circuit.
 - Electric discharge lamp circuit.
 - Electric range circuit.
 - Electric regulating circuit.
 - Electric valve circuit.
 - Electric wave translating circuit.
 - Electrical circuit.
 - Electrical control circuit.
 - Electrical delay circuit.
 - Electrical measuring circuit.
 - Electron discharge device circuit.
 - Electro-optical color reproduction circuit.
 - Filter circuit.
 - Forming circuit.
 - Frequency discriminator circuit.
 - Frequency modulation receiver squelch circuit.
 - Frequency variation compensation circuit.
 - Frequency variation response circuit.
 - Gaseous electric discharge device circuit.
 - High frequency amplifier circuit.
 - High frequency measuring circuit.
 - High power factor and high intensity lamp circuit.
 - Hydraulic machine circuit.
 - Interference suppressing circuit.
 - Lamp circuit.
 - Limiter circuit.
 - Logarithmic instrument circuit.
 - Measuring circuit.
 - Noise control circuit.
 - Oscillator circuit.
 - Pilot wire supervisory circuit.
 - Pole changer control circuit.
 - Power supply circuit.
 - Protective circuit.
 - Radio amplifying circuit.
 - Radio receiver meeting circuit.
 - Record reproducing control circuit.
 - Rectifier circuit.
 - Regulated rectifier circuit.
 - Regulating and control circuit.
 - Regulating circuit.
 - Relay circuit.
 - Seismic circuit.
 - Selective tuned circuit.
 - Selector switch circuit.
 - Station circuit.
 - Switch control circuit.
 - Tachometer and tachometer circuit.
 - Telegraph trouble indicator circuit.
 - Telephone circuit.
 - Telephone line circuit.
 - Telephone set circuit.
 - Television shading control circuit.
 - Testing circuit.
 - Thermal control for electric circuit.
 - Thermionic valve circuit.
 - Thermostatic protective circuit.
 - Time-break circuit.
 - Time delay reduced voltage control circuit.
 - Two-way trunk circuit.
 - Ultra short wave amplifier circuit.
 - Volume control circuit.
 - Welding circuit.
- Circuit arrangement. G. Hepp. 2,319,320; May 18.
- Circuit arrangement for gaseous discharge tubes. D. M. Duinker. 2,337,379; Dec. 21.
- Circuit arrangement with secondary emission electron multipliers. K. Thom. 2,310,883; Feb. 9.
- Circuit breaker. F. B. Adam and H. M. Stieglitz. 2,328,767; Sept. 7.
- Circuit breaker. W. O. Barnet. 2,307,718; Jan. 5.
- Circuit breaker. H. G. Baxter. 2,325,650; Aug. 3.
- Circuit breaker. H. G. Baxter. 2,332,496; Oct. 26.
- Circuit breaker. H. G. Baxter and O. S. Jennings. 2,323,784; July 6.
- Circuit breaker. W. L. Butler. 2,318,987; May 11.
- Circuit breaker. J. A. Coy. 2,307,823; Jan. 12.
- Circuit breaker. J. A. Coy. 2,312,753; Mar. 2.
- Circuit breaker. H. D. Dorfman. 2,322,285; June 22.
- Circuit breaker. H. D. Dorfman and G. J. Freese. 2,318,298; May 4.
- Circuit breaker. W. H. Frank. 2,312,633; Mar. 2.
- Circuit breaker. W. H. Frank and J. A. Messing. 2,320,356; June 1.
- Circuit breaker. W. H. Frank and E. T. Platz. 2,320,355; June 1.
- Circuit breaker. J. G. Jackson. 2,312,167-9; Feb. 23.
- Circuit breaker. J. G. Jackson. 2,318,257; May 4.
- Circuit breaker. J. G. Jackson. 2,328,457; Aug. 31.
- Circuit breaker. J. G. Jackson. 2,334,267; Nov. 16.
- Circuit breaker. J. G. Jackson. 2,335,677; Nov. 30.
- Circuit breaker. J. G. Jackson and O. Maseng. 2,328,458; Aug. 31.
- Circuit breaker. O. S. Jennings. 2,320,437; June 1.
- Circuit breaker. O. S. Jennings. 2,329,053; Sept. 7.
- Circuit breaker. O. Jensen. 2,321,603; June 15.
- Circuit breaker. W. Kaufman, F. Fogel, A. Thewalt, and L. Perschl. 2,327,799; Aug. 24.
- Circuit breaker. M. G. Leonard. 2,318,085; May 4.
- Circuit breaker. T. Lindstrom and J. W. May. 2,322,301; June 22.
- Circuit breaker. T. Lindstrom and J. Sandin. 2,310,854; Feb. 9.
- Circuit breaker. J. W. May. 2,337,565; Dec. 28.
- Circuit breaker. E. T. Platz. 2,320,382; June 1.
- Circuit breaker. E. T. Platz. 2,330,237; Sept. 28.
- Circuit breaker. E. T. Platz and W. H. Frank. 2,320,357; June 1.
- Circuit breaker. F. J. Pokorny. 2,319,262; May 18.
- Circuit breaker. L. G. Riley. 2,323,726; July 6.
- Circuit breaker. A. B. Rypinski. 2,336,036-7; Dec. 7.
- Circuit breaker. J. Sandin. 2,328,743; Sept. 7.
- Circuit breaker. R. W. Smith and J. W. Seaman. 2,331,740; Oct. 12.
- Circuit breaker. R. H. Swingle. 2,325,717; Aug. 3.
- Circuit breaker. R. H. Swingle. 2,329,362; Sept. 14.
- Circuit breaker. L. S. Walle. 2,337,949; Dec. 28.
- Circuit breaker. W. H. Woods. 2,331,012; Oct. 5.
- Circuit breaker and system of control therefor. V. H. Grant and M. A. Knight. 2,307,776; Jan. 12.
- Circuit breaker and switch. G. L. Hill. 2,331,778; Oct. 12.
- Circuit breaker, Automatic reclosing. J. S. Thompson. 2,318,030; May 4.
- Circuit breaker, Automatic service restoring. J. S. Thompson. 2,318,342; May 4.
- Circuit breaker contact. J. D. Wood. 2,328,318; Aug. 31.
- Circuit breaker control system. A. E. Anderson. Re. 2,273; Feb. 23.
- Circuit breaker control system. M. E. Reagan and G. W. Champney. 2,329,081-2; Sept. 7.
- Circuit breaker, Electric. J. D. Gayer. 2,325,949; Aug. 3.
- Circuit breaker equipment, Automatic reclosing. S. B. Crary. 2,311,370; Feb. 16.
- Circuit breaker, Field discharge. T. Lindstrom. 2,318,086; May 4.
- Circuit breaker for high voltage. H. A. H. Nijland. 2,313,571; Mar. 9.
- Circuit breaker for storage battery system or the like. W. F. Fell. 2,309,054; Jan. 19.
- Circuit breaker, Gas blast. A. Halm. 2,318,939; May 11.
- Circuit breaker, Gas blast. B. W. Wyman. 2,298; Apr. 6.
- Circuit breaker operating mechanism, Enclosed. W. M. Scott, Jr. 2,324,543; July 20.
- Circuit breaker operating system. C. Thumina. 2,319,645; May 18.
- Circuit breaker, Pole type. A. C. Schwager. 2,311,699; Feb. 23.
- Circuit breaker, Reclosing. T. Birkenmaier and C. E. Mosley. 2,321,122; June 8.
- Circuit breaker, Reclosing. J. S. Thompson and C. R. Ray. 2,311,714; Feb. 23.
- Circuit breaker reclosing mechanism, High-speed. J. W. Ow. 2,326,061; Aug. 3.
- Circuit breaker, Service restoring. J. S. Thompson. 2,318,343; May 4.
- Circuit breaker system, Automatic reclosing. W. Kaufmann. 2,313,153; Mar. 9.
- Circuit breaker system, Reclosing. W. K. Rankin. 2,319,632; May 18.
- Circuit breaker with compressed fluid blowout, Electric. B. M. H. P. Fernier. 2,330,820; Oct. 5.
- Circuit breaking plug. H. Weiner. 2,326,712; Aug. 10.

- Circuit breaking system, Automatic reclosing. E. E. Bauer and A. W. Fraps. 2,330,544; Sept. 28.
- Circuit closer, Fluid actuated. W. W. Mays. 2,327,054; Aug. 17.
- Circuit control device. W. Hotine. 2,318,223; May 4.
- Circuit control for electric flatirons and connection therefor. L. V. Lutz. 2,307,052; Jan. 5.
- Circuit control system. J. C. Hoyt. 2,311,438; Feb. 10.
- Circuit control system. E. I. Matthews, A. C. Cherksey, and A. Scheinfeld. 2,311,118; Feb. 10.
- Circuit controller. H. Brandt. 2,319,107; May 11.
- Circuit controller. W. L. Butler and G. M. Hausler. 2,310,730; Feb. 9.
- Circuit controller. O. K. Butzmann. 2,321,819; July 20.
- Circuit controller. F. W. Hottenroth, Jr. 2,315,960; Apr. 6.
- Circuit controller. M. J. Rubel. 2,337,130; Dec. 21.
- Circuit controller. G. F. Sauers. 2,316,977; Apr. 20.
- Circuit controller. N. C. Schellenger. 2,313,291; Mar. 9.
- Circuit controller. C. Stansbury. 2,326,262; Aug. 10.
- Circuit controller, Electromechanically operated. F. B. MacLaren, Jr. 2,326,239; Aug. 10.
- Circuit controller for gaseous discharge devices, Automatic. J. A. McDermott. 2,310,149; Feb. 2.
- Circuit controller, Thermoresponsive. J. A. Breymanier. 2,307,484; Jan. 5.
- Circuit controller. Thermoresponsive. G. M. Hausler. 2,307,497; Jan. 5.
- Circuit controlling apparatus. R. C. Jones. 2,326,936; Aug. 3.
- Circuit controlling apparatus. K. Taylor. 2,330,759; Sept. 28.
- Circuit controlling device. C. T. Evans, P. B. Harwood, and F. C. McNeil. 2,312,243; Feb. 23.
- Circuit controlling device. H. B. Hunter and H. L. Mekelburg. 2,313,488; May 14.
- Circuit controlling device. R. P. Schwartz. 2,332,608; Oct. 26.
- Circuit controlling device for electrical switching apparatus. S. D. Vigren and R. A. Svensson. 2,309,422; Jan. 26.
- Circuit controlling device, Selectively operated. A. H. Miller. 2,337,466; Dec. 21.
- Circuit controlling instrument. H. G. Witmer. 2,326,989; Aug. 17.
- Circuit controlling means. E. G. De Valera. 2,323,459; July 6.
- Circuit feedback amplifier. D. S. Bond. 2,314,813; Mar. 23.
- Circuit for amplifying electric oscillations. A. van der Ziel and K. S. Knol. 2,312,509; Mar. 2.
- Circuit for connecting phase displacement. E. Santos. 2,320,537; June 1.
- Circuit for electric valve apparatus, Excitation. H. W. Lord. 2,310,101; Feb. 2.
- Circuit for electrical devices, Operating. H. F. Cypser. 2,317,888; Apr. 27.
- Circuit for high frequencies, Modulating. G. E. Pray and S. Riccoboni. 2,307,074; Jan. 5.
- Circuit for hot cathode gaseous discharge lamps, Starting and operating. W. A. Warren. 2,333,499; Nov. 2.
- Circuit for railway train detection, Coded track. H. A. Thompson. 2,324,964; July 20.
- Circuit for relay lamps, Starting relay. R. F. Hays, Jr. 2,313,744; Mar. 16.
- Circuit for sound reproduction, Control. R. A. Bierwirth. 2,335,575; Nov. 30.
- Circuit for television receivers, Synchronizing. A. V. Bedford. 2,313,915; Mar. 16.
- Circuit for the amplification and/or frequency transformation of electrical oscillations of ultra high frequency. G. H. F. Alma, M. J. O. Strutt, and A. van der Ziel. 2,314,916; Mar. 30.
- Circuit heat transfer, Multiple. W. Ernst. 2,309,943; Feb. 2.
- Circuit interrupter. K. Aschwanden. 2,318,042; May 4.
- Circuit interrupter. B. P. Baker. 2,323,642; July 6.
- Circuit interrupter. A. H. Bakken. 2,318,044; May 4.
- Circuit interrupter. H. H. Fahnoe. 2,310,069; Feb. 2.
- Circuit interrupter. H. H. Fahnoe. 2,333,774; Nov. 9.
- Circuit interrupter. E. H. Hall and R. H. Lietzel. 2,310,779; Feb. 9.
- Circuit interrupter. J. K. Hodnette. 2,337,820; Dec. 28.
- Circuit interrupter. J. W. Huffstutter. 2,315,618; Apr. 6.
- Circuit interrupter. L. R. Ludwig and B. P. Baker. 2,313,159; Mar. 9.
- Circuit interrupter. E. Ortesal. 2,331,221; Oct. 5.
- Circuit interrupter. K. C. Randall. 2,308,303; Jan. 12.
- Circuit interrupter. H. L. Rawlins. 2,314,661; Mar. 23.
- Circuit interrupter. H. L. Rawlins. 2,337,495; Dec. 21.
- Circuit interrupter. H. L. Rawlins and J. M. Wallace. 2,318,421; May 4.
- Circuit interrupter. J. Slepian. 2,326,074; Aug. 3.
- Circuit interrupter. A. P. Strom. 2,333,598; Nov. 2.
- Circuit interrupter. J. M. Wallace. 2,313,185; Mar. 9.
- Circuit interrupter. J. M. Wallace. 2,315,678; Apr. 6.
- Circuit interrupter. J. M. Wallace. 2,320,494; June 1.
- Circuit interrupter. J. M. Wallace. 2,333,604; Nov. 2.
- Circuit interrupter control system. H. Bany. 2,325,361; July 27.
- Circuit interrupter, Enclosed. L. Pierce. 2,313,170; Mar. 9.
- Circuit interrupter, Explosion proof. O. Neumann. 2,333,547; Nov. 2.
- Circuit interrupter, Thermal. E. H. Taylor. 2,313,281; Mar. 9.
- Circuit interrupting and protecting device. F. B. Adam and H. M. Stieglitz. Re. 2,266; Feb. 16.
- Circuit interrupting apparatus. S. I. Lindell and A. Van Ryan. 2,328,818; Sept. 7.
- Circuit-interrupting apparatus. W. Kaufmann. 2,312,174; Feb. 23.
- Circuit interrupting apparatus. H. A. Triplett. 2,310,276-7; May 18.
- Circuit interrupting device, Automatic. R. H. Earle. 2,315,320; Mar. 30.
- Circuit interrupting means. C. H. Hodgkins. 2,331,191; Oct. 5.
- Circuit mechanism, Self-balancing. F. B. Bristol. 2,320,066; May 25.
- Circuit metering device, Selective. W. W. Parker and H. P. Peters. 2,315,649; Apr. 6.
- Circuit protective switch. G. A. Matthews. 2,334,571; Nov. 16.
- Circuit selector, Time-controlled. A. G. Crowder. 2,326,930; Aug. 17.
- Circuit signaling system, Coded track. N. B. Coley. 2,317,732; Apr. 27.
- Circuit, Thermionic tube. O. V. Mitchell and J. A. Huit-sch. 2,329,073; Sept. 7.
- Circuit, Automatic bias. H. J. Dailey. 2,318,061; May 4.
- Circuits, Band-pass filter. R. B. Armstrong, G. L. Grisdale, and E. F. Goodenough. 2,308,258; Jan. 12.
- Circuits, Control capacity. W. Leheldt. 2,330,499; Sept. 28.
- Circuits, Converter. J. A. Worcester, Jr. 2,309,031; Jan. 19.
- Circuits, Electrical signal separating. W. E. Bradley. 2,312,145; Feb. 23.
- Circuits for wireless receivers, Tuned. A. H. Cooper. 2,325,174; July 27.
- Circuits, Inverse feedback. M. G. Crosby. 2,312,080; Feb. 23.
- Circuits, Ionic tube. A. Perelmann. 2,326,677; Aug. 10.
- Circuits, Stabilized regenerative. R. A. Wengant. 2,312,145; Feb. 23.
- Circuit, Synchronizing of deflecting. K. R. Wendt. 2,332,681; Oct. 26.
- Circuits, Tunable. A. C. Stocker. 2,320,483; June 1.
- Circuits, Volume control. J. F. Crowley. 2,319,663; May 18.
- Circular broaching cutter. W. J. Phaneuf. 2,315,982; Apr. 6.
- Circular knitting machine of the links and links type. T. C. Bromley and A. Shortland. 2,327,398; Aug. 24.
- Circular loom. E. A. Davis. 2,335,111; Nov. 23.
- Circular press. D. Gup. 2,333,860; Nov. 9.
- Circular saw machine. W. H. Woodward. 2,328,244; Aug. 31.
- Circular shaping machine. W. F. Groene. 2,318,305; May 4.
- Circular weaving loom. J. Balsach. 2,327,987; Aug. 31.
- Circular weaving loom. H. Pelce. 2,313,300; Mar. 9.
- Circulating device, Air. E. C. Hach and H. Hersperger. 2,337,325; Dec. 21.
- Circulating heater. G. B. Herhster. 2,336,009; Dec. 14.
- Circulating system, particularly for refrigerating apparatus. N. Erland of Kleen. 2,331,898; Oct. 19.
- Circulating unit. L. H. Smith. 2,314,667; Mar. 23.
- Circulating valve. C. W. Savitz. 2,327,610; Aug. 24.
- Circulator, Air. D. F. Jones and J. W. Miller. 2,313,555; Mar. 9.
- Circulator for stoves, Air. W. B. Czaja. 2,321,132; June 8.
- Circulator, Liquid. B. C. Boeckeler. 2,332,624; Oct. 26.
- Cistern construction. B. D. Richmond. 2,324,878; July 20.
- Clamp: See--
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| Adjustable clamp. | Hose clamp. |
| Air cleaner. | Metal clamp. |
| Angle iron clamp. | Outlet box clamp. |
| Automatic safety rail clamp. | Pipe clamp. |
| Bag clamp. | Plate clamp. |
| Battery clamp. | Pressing clamp. |
| Battery terminal clamp. | Printing plate clamp. |
| Builder's safety horse clamp. | Quick acting clamp. |
| Cable clamp. | Quick adjustable clamp. |
| Concrete form wale clamp. | Rail clamp. |
| Conductor-insulator clamp. | Repair clamp. |
| Conduit clamp. | Rope clamp. |
| Core clamp. | Scaffold clamp. |
| Fence wire clamp. | Screw clamp. |
| Fish handling and scaling clamp. | Sheet metal clamp. |
| Form clamp. | Skin clamp. |
| Fuse clamp. | Surfing gauge clamp. |
| Garment clamp. | Toggle clamp. |
| Ground clamp. | Trolley clamp. |
| Handle clamp. | Tube clamp. |
| Hold-down clamp. | Vacuum cleaner. |
| | Welding clamp. |
- Clamp. R. H. Baukind. 2,332,363; Oct. 19.
- Clamp. F. J. Hendley. 2,319,602; May 18.

- Clamp. G. E. Husted. 2,317,195; Apr. 20.
 Clamp. L. L. Jannisse and J. T. Spencer. 2,333,071; Oct. 26.
 Clamp. C. J. Kamin. 2,321,391; June 8.
 Clamp. J. M. Lavin. 2,328,815; Sept. 7.
 Clamp. H. R. Miller. 2,308,996; Jan. 19.
 Clamp. R. D. Moore. 2,318,411; May 4.
 Clamp. L. T. Paulson. 2,330,736; Sept. 28.
 Clamp. H. W. Purdy. 2,308,105; Jan. 12.
 Clamp. H. U. Ransom and L. G. Pynn. 2,310,708; Feb. 9.
 Clamp. J. A. Sims, J. B. Spurlock, and W. A. Lewis, Jr. 2,312,289; Feb. 23.
 Clamp. F. C. Wallace. 2,320,493; June 1.
 Clamp and socket, wire rope. R. A. Doughty. 2,320,543; June 1.
 Clamp assembly, Unitary. J. Rogoff. 2,309,607; Jan. 26.
 Clamp attachment for bedsteads. B. Wandel. 2,337,009; Dec. 14.
 Clamp for dental impression trays. B. F. Sahr. 2,315,660; Apr. 6.
 Clamp for guy wires and the like. K. C. Jenne. 2,327,307; Aug. 17.
 Clamp for saddles. H. E. Kalter. 2,308,083; Jan. 12.
 Clamp holder for flexible elements and containers, Combination. J. Gavurin. 2,315,325; Mar. 30.
 Clamp joint. F. M. Kincaid, Jr. 2,324,868; Aug. 17.
 Clamp or coupling for connecting scaffold poles or other solid or hollow elongated bodies. A. C. Marshall. 2,322,583; June 22.
 Clamp stick. W. A. Heinrich. 2,316,428; Apr. 13.
 Clamp tool. C. T. Bockhouse. 2,334,240; Nov. 16.
 Clamping apparatus for optical frames. C. H. Nesbit. 2,316,355; Apr. 13.
 Clamping device. P. S. Morgan. 2,317,690; Apr. 27.
 Clamping device and punch, Hydraulic. F. H. Kvapil. 2,313,348; Mar. 9.
 Clamping device, Bag. P. Hannah. 2,318,156; May 4.
 Clamping device for harrow bars, Separable. J. B. Kucera. 2,307,930; Jan. 12.
 Clamping device for template and stock used in shaping cutting dies. H. M. Bolston. 2,319,915; May 25.
 Clamping device, Toggle action. D. C. Greisen. 2,307,460; Jan. 5.
 Clamping fixture for machine tools. C. E. Walling. 2,324,608; July 20.
 Clamping furnaces to torches. E. A. Starbuck. 2,327,677; Aug. 24.
 Clamping means. J. A. Balcar. 2,322,107; June 15.
 Clamping means for wound clips. S. Schumann. 2,317,815; Apr. 27.
 Clamping mechanism for perforating apparatus and other parts. G. F. Wales. 2,326,588; Aug. 10.
 Clamping ring assembly. W. Bruning and L. D. Simonson. 2,319,762; May 18.
 Clamping tool. A. F. Gordy and A. F. Rade. 2,323,654; July 6.
 Clamping tool. J. R. Greene and F. A. Cox. 2,328,271; Aug. 31.
 Clamping tool. F. C. Wallace and H. H. Heibush. 2,319,377; May 18.
 Clarinet. M. Jauch. 2,332,083; Oct. 19.
 Clasp. Reth. C. E. Peterson. 2,337,835; Dec. 28.
 Clasp. Collar. C. K. Brennan. 2,307,819; Jan. 12.
 Clasp, Detachable. F. R. Eichner. 2,328,630; Sept. 7.
 Clasp fastener. A. Novick. 2,325,702; Aug. 3.
 Clasp for garment supporters. P. E. Rosenblatt. 2,308,208; Jan. 12.
 Clasp members for belts and the like, Making. C. E. Anderson. 2,313,859; Mar. 16.
 Clasp or related article. J. F. Adams. 2,325,212; July 27.
 Clasp, Safety cord. E. Rodriguez. 2,313,397; Mar. 9.
 Classification method and apparatus. H. L. McNeill. 2,315,536; Apr. 6.
 Classifier. C. L. Taylor. 2,328,859; Sept. 7.
 Classifier. P. L. Wigton. 2,324,549; July 20.
 Classifier, Pneumatic. R. K. Rourke. 2,329,299; Sept. 14.
 Classifying apparatus. D. D. Peebles. 2,330,793; Sept. 28.
 Clay activation. J. A. Crowley, Jr. 2,319,185; May 11.
 Clay, Modified. B. W. Rowland. 2,307,239; Jan. 5.
 Clay slips, Lowering the gravity and increasing casting rate of. F. P. Hall. 2,337,598; Dec. 28.
 Clays, Deflocculent for. F. P. Hall. 2,337,597; Dec. 28.
 Clays filterable, Rendering. F. P. Hall. 2,337,599; Dec. 28.
 Cleanout plug. W. H. Armacost. 2,335,230; Nov. 30.
 Cleanout protected water seal trap. H. J. Luff. 2,320,997; Sept. 21.
 Cleanable multiple filter. W. Widmann. 2,333,609; Nov. 2.
 Cleaner: See—
 Air cleaner. Eraser cleaner.
 Combined thresher and Filter bed cleaner.
 Cleaner. Gin saw cleaner.
 Condenser tube cleaner. Magnetic oil cleaner.
 Ditch cleaner. Mechanical smoking pipe
 Drain cleaner. bowl cleaner.
 Dust mop cleaner. Pipe line cleaner.
 Electric vacuum cleaner. Portable suction cleaner.
 Cleaner: See—
 Rotary air cleaner. Smoking pipe bowl cleaner.
 Sand baffle and perforator Soot cleaner.
 cleaner. Spark plug cleaner.
 Screen cleaner. Suction cleaner.
 Self-cleaning automotive Tubing cleaner.
 air cleaner. Vacuum cleaner.
 Sewer and pipe cleaner. Window cleaner.
 Sewer cleaner. Windshield cleaner.
 Slat cleaner.
 Cleaner. L. C. Rogers. 2,323,568; July 6.
 Cleaner and humidifier, Air. E. Gusy. 2,324,386; July 13.
 Cleaner and silencer, Combined air. M. A. Mieras. 2,316,527; Apr. 17.
 Cleaner control, Windshield. E. C. Horton, D. N. Mussen and A. Rapp. 2,323,470; July 6.
 Cleaner or gummer, Kerf. A. Y. Saville. 2,320,307; May 25.
 Cleaner, Vacuum. W. E. Bible. Re. 22,336; June 22.
 Cleaner, Vacuum. J. Winthrop. Re. 22,334; June 8.
 Cleaning apparatus. F. Breckenridge and R. J. Ridge. 2,319,887; Mar. 16.
 Cleaning apparatus. F. J. Little. 2,309,251; Jan. 26.
 Cleaning apparatus, Suction. C. H. Taylor. 2,329,563; Sept. 14.
 Cleaning composition. W. B. Pings. 2,317,112; Apr. 20.
 Cleaning composition and its use. T. J. Coleman. 2,325,837; Apr. 17.
 Cleaning device. R. A. Kelly and W. F. Raddon. 2,314,711; Mar. 23.
 Cleaning device. C. B. Fletcher. 2,336,293; Dec. 7.
 Cleaning device. W. H. Taylor. 2,315,673; Apr. 6.
 Cleaning device and making same. S. P. Vaughn. 2,313,787; Mar. 16.
 Cleaning device for mixing or agitating vessels. J. C. McCartney and H. R. Jaynes. 2,320,976; June 1.
 Cleaning device for pipe lines. L. Brackeen. 2,332,984; Oct. 26.
 Cleaning device, Window. E. F. Matthews and N. W. La Clair. 2,323,555; July 6.
 Cleaning implement. S. Steinmetz and I. E. Schine. 2,334,796; Nov. 23.
 Cleaning machine. R. E. Bassett, Jr. 2,307,254; Jan. 5.
 Cleaning machine. R. E. Bassett, Jr. 2,311,924; Feb. 23.
 Cleaning machine. J. J. O'Brien and J. Strad. 2,310,541; Feb. 9.
 Cleaning machine. W. F. Oliver. 2,317,213; Apr. 20.
 Cleaning machine. H. C. Porter. 2,309,786; Feb. 2.
 Cleaning machine. K. O. Sisson and C. E. Bowyer. 2,318,806; May 11.
 Cleaning machine, Dry. E. Davis. 2,313,225; Mar. 9.
 Cleaning machine for cuffs of trousers and the like. W. C. Glover, Jr. 2,313,935; Mar. 16.
 Cleaning of cereal grains. L. H. Logue. 2,329,403; Sept. 14.
 Cleaning of sacks, bags, or like containers. C. L. King. 2,324,456; July 13.
 Cleaning process for urinal metal traps. E. T. Ahern. 2,311,196; Feb. 16.
 Cleaning process for urinal traps located below the floor level. E. T. Ahern. 2,311,197; Feb. 16.
 Cleaning tool. A. Mismser. 2,321,231; June 8.
 Cleaning tool. A. B. Storey. 2,319,355; May 18.
 Cleansing article. F. W. Tully. 2,308,405; Jan. 12.
 Cleansing agent and the manufacture thereof. R. F. Ruthraff. 2,318,555; May 4.
 Cleansing process and product. J. Nüsslein and K. Pauser. 2,335,194; Nov. 23.
 Clear vision steering wheel. E. Eschelbacher. 2,326,131; Aug. 10.
 Clearer, Drawing frame. O. F. Burman, Jr. 2,328,324; Aug. 31.
 Clearing device for air ducts in the lip of casting pots. A. Zanner. 2,330,656; Sept. 28.
 Cleat for shoes. J. F. Hagerty. 2,308,074; Jan. 12.
 Cleat for use on athletic shoes. T. S. Park. 2,309,783; Feb. 2.
 Clever, Power. P. Martin. 2,312,043; Feb. 23.
 Clevis, Detachable. H. G. Shakespeare. 2,320,546; June 1.
 Clevises, Producing detachable. H. G. Shakespeare. 2,331,806; Oct. 12.
 Climbing machine. E. L. Fickett and W. O. Forman. 2,308,637; Feb. 2.
 Clinch nut and production. W. F. Cusino. 2,314,075; Mar. 16.
 Clinch nut press. W. D. Chilton. 2,327,401; Aug. 24.
 Clinch-on nut and method of manufacture. H. G. Renner. 2,310,316; Feb. 9.
 Clinching machine, Eye ring. H. G. Beck. 2,337,366; Dec. 21.
 Clip: See—
 Collar clip. Rotary steel rail base stop
 Electrical contact clip. clip.
 Hair-waving clip. Spring clip.
 Locking clip. Umbilical clip.
 Louver pivot clip. Wall clip.
 Molding retaining clip. Wall tile clip.
 Paper clip. Wiring clip.
 Pocket clip.
 Clip. R. L. Brown. 2,330,675; Sept. 28.

- Clip. H. S. Hasselquist and C. R. Nichols, Jr. 2,330,281; Sept. 28.
- Clip and clip board. E. L. Bennett. 2,329,974; Sept. 21.
- Clip applying mechanism. C. F. Jackson. 2,325,322; July 27.
- Clip board. J. H. Brinker. 2,334,380; Nov. 16.
- Clip construction. W. R. Wiley. 2,330,770; Sept. 28.
- Clip fastener. G. A. Timmerman. 2,317,561; Apr. 27.
- Clip for pistols. Belt. P. Valenzuela. 2,320,450; June 1.
- Clip for spectacle cases. Retenand. J. R. Linville. 2,318,233; May 4.
- Clip for train order holders. M. A. Williams. 2,311,720; Feb. 23.
- Clip for writing boards. H. A. Oldham. 2,312,436; Mar. 2.
- Clipper for obtaining hair density samples. J. I. Hardy. 2,331,319; Oct. 12.
- Clipper, Hair. S. Z. Gibson. 2,318,848; May 11.
- Clipper, Rotary. H. Selders. 2,312,933; Mar. 2.
- Clipper, Rotary hair. R. L. Penney. 2,321,416; June 8.
- Clipper, Rotary hair. R. L. Penney. 2,335,607; Nov. 30.
- Clipping machine. G. Maurer. 2,329,549; Sept. 14.
- Clipping machine. A. Stuller. 2,320,200; May 25.
- Clock. J. F. W. Stuart and F. D. Norton. 2,322,257; June 22.
- Clock. H. H. Whitehead. 2,317,322; Apr. 20.
- Clock and lamp. Combined. V. Peterson. 2,327,666; Aug. 24.
- Clock attachment, Time-controlled. C. Lurts. 2,315,266; Mar. 30.
- Clock controlled mechanism. E. O. Thompson. 2,325,812; Aug. 3.
- Clock, Electric. P. B. Cole. 2,323,766; July 6.
- Clock, Electric alarm. G. P. Bentley and E. S. Carpenter. 2,335,904; Dec. 7.
- Clock, Electric secondary. R. M. Wilcox. 2,336,519; Dec. 14.
- Clock, Globe. R. R. Dupler. 2,314,269; Mar. 16.
- Clock, Globe. R. R. Dupler. 2,333,475; Nov. 2.
- Clock mechanism. H. K. Sandell. 2,327,349; Aug. 17.
- Clock movement. Synchronized motor. L. B. Stone. 2,332,273; Oct. 19.
- Clock operated switch. F. Nawells. 2,320,462; June 1.
- Clock, Time reminder. P. H. Henriksen. 2,309,844; Feb. 2.
- Closed receptacle or case. M. L. Rathbun. 2,308,625; Jan. 19.
- Closed receptacle or case. M. L. Rathbun. 2,314,245; Mar. 16.
- Closer, Door. H. Shackleton and A. D. Pochin. 2,328,851; Sept. 7.
- Closer for gates. J. L. Brandt. 2,315,106; Mar. 30.
- Closing and clamping device. M. Gerendás. 2,319,316; May 18.
- Closing ring. A. H. Van Horn. 2,310,901; Feb. 9.
- Closing ring. A. H. Van Horn. 2,313,459; Mar. 9.
- Closing valve. S. A. Bjergel. 2,335,729; Nov. 30.
- Closely wound coil binder. R. Tauber. 2,327,941; Aug. 24.
- Closure: See—
- Jug and pitcher closure.
- Closure. R. S. Condon. 2,309,341; Jan. 26.
- Closure. J. W. Conway. 2,319,661; May 18.
- Closure. F. Ditchfield. 2,315,692; Apr. 6.
- Closure. A. C. Ewer. 2,314,819; Mar. 23.
- Closure. G. T. Jacobs. 2,327,716; Aug. 24.
- Closure. M. P. Keith. 2,330,896; Oct. 6.
- Closure. R. B. Martin. 2,329,128; Sept. 7.
- Closure. A. R. McCombs. 2,317,287; Apr. 20.
- Closure. J. G. McKenna. 2,328,659; Sept. 7.
- Closure. A. L. Merolle. 2,326,480; Aug. 10.
- Closure. G. Monnett. 2,319,252; May 18.
- Closure. M. L. Rathbun. 2,319,346; May 18.
- Closure. M. L. Rathbun. 2,326,886; Aug. 17.
- Closure. A. H. Westberg. 2,316,923; Apr. 20.
- Closure actuator. C. Christianson. 2,337,230; Dec. 21.
- Closure and massage device, Combined. C. I. Hixson. 2,336,357; Dec. 7.
- Closure and package. P. O'C. White. 2,326,809; Aug. 17.
- Closure and spout. H. N. Perelson. 2,314,052; Mar. 16.
- Closure and venting device, Semisealed. C. W. Shaw. 2,311,971; Feb. 23.
- Closure applying mechanism. R. J. Stewart and H. H. Franz. 2,311,786; Feb. 23.
- Closure assembling machine. L. I. Frank. 2,331,269; Oct. 5.
- Closure assembly, Adapter. W. B. Johnson. 2,329,716; Sept. 21.
- Closure balance. G. A. Krenschner. 2,336,406; Dec. 7.
- Closure bands, Making tamperproof. C. O. Pike and J. E. Snyder. 2,328,845; Sept. 7.
- Closure cap. E. L. Shaw. 2,331,939; Oct. 19.
- Closure cap. S. N. Tevander. 2,328,365; Aug. 31.
- Closure, Casing. I. L. Young. 2,307,181; Jan. 5.
- Closure construction. H. C. Porter and A. P. Schulz. 2,309,785; Feb. 2.
- Closure, Dark. F. W. Swormstedt. 2,316,927; Apr. 6.
- Closure device. W. C. Terry. 2,321,333; June 8.
- Closure device for containers. F. W. Sample and E. M. Amesbury. 2,333,822; Nov. 9.
- Closure fastener. H. G. Knuth. 2,317,277; Apr. 20.
- Closure fastener. D. C. Lippmann. 2,336,554; Dec. 14.
- Closure fastener. H. L. Mountjoy. 2,307,634; Jan. 5.
- Closure, Folding. H. D. Oberdorfer and C. F. Van Buskirk. 2,321,507; June 8.
- Closure for bellows or gable top boxes, Sliding. W. A. Ringer. 2,336,503; Dec. 14.
- Closure for boots. F. J. Shields. 2,334,133; Nov. 9.
- Closure for building constructions. N. Michelman. 2,327,315; Aug. 17.
- Closure for collapsible tubes. R. M. Griffith. 2,309,895; Feb. 2.
- Closure for containers. A. Cherkin. 2,334,905; Nov. 23.
- Closure for containers. A. Limbach. 2,332,327; Oct. 19.
- Closure for containers, Dispensing. W. F. Straub. 2,320,484; June 1.
- Closure for explosive cartridges, End. C. R. Johnson. W. S. Pilcher, and C. B. Stanley. 2,326,310; Aug. 10.
- Closure for jars and the like. L. T. Crabbe. 2,319,849; May 25.
- Closure for measuring cases. F. H. Hopkins. 2,335,063; Nov. 23.
- Closure for non-refillable containers. J. S. del Llano. 2,318,382; May 4.
- Closure for pressure vessels. W. F. Keenan, Jr. 2,309,122; Jan. 26.
- Closure for recess tub shower bath, Folding. E. H. Zechel and J. A. Woodworth. 2,331,822; Oct. 12.
- Closure for slotlike apertures. L. W. Schaff. 2,331,048; Oct. 5.
- Closure for submersible pumping units. L. Yost. 2,311,805; Feb. 23.
- Closure for truck tanks and the like. C. H. Scott and P. H. Scott. 2,330,247; Sept. 28.
- Closure for tubular bodies, End. S. Bergstein. 2,307,913; Jan. 12.
- Closure, Garment. L. Goldman and L. Levitan. 2,335,664; Nov. 30.
- Closure handling apparatus. A. C. Everett. 2,336,606; Dec. 14.
- Closure lock. R. W. Rosberg. 2,333,584; Nov. 2.
- Closure means for tubes. J. E. McNeal. 2,331,487; Oct. 12.
- Closure member. C. and D. Ray. 2,316,453; Apr. 13.
- Closure members. G. L. C. Earle. 2,312,325; Mar. 2.
- Closure, operating means. W. Odenthal. 2,330,005; Sept. 21.
- Closure, Pour-out. W. A. Sheaffer. 2,314,562; Mar. 23.
- Closure removing tool. E. D. Nichols. 2,330,513; Sept. 28.
- Closure, Self-closing container. R. W. Wilson. 2,330,939; Oct. 5.
- Closure structure. R. C. Pratt. 2,324,536; July 20.
- Closures for collapsible tubes and the like, Making. L. F. Rogers. 2,322,885; June 29.
- Closures for containers, Sterilizing. R. B. McKinnis. 2,332,099; Oct. 19.
- Cloth cutting machine blades, Adapter for rotary. W. Aaron. 2,334,235; Nov. 16.
- Cloth guide, Adjustable. B. M. Jones and C. H. Streeter. 2,309,647; Feb. 2.
- Cloth, Polishing. F. A. Wedderburn. 2,323,263; June 29.
- Cloth roll holder. J. Buckman. 2,333,358; Nov. 2.
- Cloth shearing machine. W. N. Hadley. 2,321,481-2; June 8.
- Cloth specifically adapted to musical instruments, air-motors, and airplanes, Elastic tension. H. Mieth. 2,330,441; Sept. 28.
- Clothes compartment for vehicle seats. I. Brenner. 2,320,215; May 25.
- Clothes drier. T. S. Watson. 2,336,428; Dec. 7.
- Clothes drying apparatus. W. T. White. 2,314,748; Mar. 23.
- Clothes drying rack. W. L. Hulick. 2,316,433; Apr. 13.
- Clothes hanger. M. A. Bernier. 2,312,231; Feb. 23.
- Clothesline. M. D. Bible. 2,337,175; Dec. 21.
- Clothesline. L. C. Copeman. 2,318,375; May 4.
- Clothesline, Movable. C. A. Nelson. 2,320,735; June 1.
- Clothesline post and reel. P. Reitz. 2,320,448; June 1.
- Clothesline pulley bracket. J. C. Anderson. 2,336,914; Dec. 14.
- Clothesline reel. C. P. Busha. 2,309,574; Jan. 26.
- Clothesline, Rotary. R. Turnbull. 2,334,518; Nov. 16.
- Clothes line tightener. C. J. Van Valkenburgh. 2,311,792; Feb. 23.
- Clothespin. J. E. Burdick. 2,331,104; Oct. 5.
- Clothespin. W. W. van der Clute. 2,310,156; Feb. 2.
- Clothespin carrier. J. A. Bickford. 2,318,735; May 11.
- Clothespin, Reinforced. J. R. Nolan. 2,332,004; Oct. 19.
- Clothespin, Two-way. W. Schwedler. 2,320,894; June 1.
- Clothes pressing machine. K. E. Hale. 2,307,370; Jan. 5.
- Clothes rack. F. Botta. 2,317,437; Apr. 27.
- Clothes rack. H. S. Mazet. 2,336,274; Dec. 7.
- Clothes washer. E. D. Judy. 2,329,623; Sept. 14.
- Clothing. Card. E. L. Cady. 2,316,557; Apr. 13.
- Clothing rack. R. A. Magnuson. 2,309,465; Jan. 26.
- Club, Golf. M. B. Beach. 2,332,342; Oct. 19.
- Cluster stemmer. Hop. G. E. Miller. 2,336,280; Dec. 7.

- Clutch: *See*—
 Automatic clutch. One-way clutch.
 Bimetallic clutch. Overload clutch.
 Centrifugal clutch. Releaseable window regu-
 Centrifugally operated lator clutch.
 clutch. Self-interrupting clutch.
 Coin controlled clutch. Self-locking.
 Fluid drive clutch. Freewheel clutch.
 Fluid operated clutch. Slip clutch.
 Friction clutch. Slip friction clutch.
 Governor controlled Spring clutch.
 Hydraulic clutch.
- Clutch. R. Becker. 2,318,957; May 4.
 Clutch. O. L. Berby. 2,317,171; Apr. 20.
 Clutch. C. L. Bossmeyer and S. Yerkovich. 2,326,611; Aug. 10.
 Clutch. W. W. Criley. 2,324,613; July 20.
 Clutch. J. M. Dodwell. 2,335,848; Dec. 7.
 Clutch. A. J. Doré. 2,331,016; Oct. 5.
 Clutch. C. M. Eason. 2,308,679; Jan. 19.
 Clutch. C. M. Eason. 2,308,681; Jan. 19.
 Clutch. G. E. Flinn. 2,328,205; Aug. 31.
 Clutch. E. Grace. 2,321,809; June 15.
 Clutch. W. H. Klocke. 2,311,113; Feb. 16.
 Clutch. H. A. Knox. 2,329,205; Sept. 14.
 Clutch. K. Miller. 2,311,679; Feb. 23.
 Clutch. H. Morris. 2,331,339; Oct. 12.
 Clutch. E. C. Pearson. 2,311,997; Feb. 23.
 Clutch. J. E. Renholdt. 2,326,678; Aug. 10.
 Clutch. J. H. Wilson. 2,321,565; June 15.
 Clutch and accelerator interlock. S. Mayner. 2,335,351; Nov. 30.
 Clutch and brake control system. W. F. Boldt. 2,328,606; Sept. 7.
 Clutch and brake system. L. R. Williamson. 2,313,187; Mar. 9.
 Clutch and control means therefor. Driving. S. I. Cory. 2,327,176; Aug. 17.
 Clutch and liquid transfer means therefor. E. F. Kohl. 2,307,797; Jan. 12.
 Clutch and propeller. E. F. Matthews and N. W. La Clair. 2,336,877; Dec. 14.
 Clutch and amplifier. Electromagnetic. I. O. Miner. 2,324,590; July 20.
 Clutch construction. L. Peterson. 2,315,130; Mar. 30.
 Clutch control. C. J. Schmidt and G. Murray. 2,323,489; July 6.
 Clutch control. J. M. Simpson. 2,328,303; Aug. 31.
 Clutch control device. E. J. Panish. 2,323,619; July 6.
 Clutch control mechanism. L. F. Boschen. 2,323,102; July 27.
 Clutch control mechanism. P. L. Crittenden. 2,314,444; Mar. 23.
 Clutch control mechanism. C. M. Eason. 2,308,680; Jan. 19.
 Clutch control mechanism. W. A. Eaton. 2,324,830; July 20.
 Clutch control mechanism. J. F. Haunty. 2,324,080; July 13.
 Clutch control mechanism. E. G. Hill. 2,326,943; Aug. 17.
 Clutch control mechanism. E. G. Hill and H. W. Hey. 2,330,424; Sept. 28.
 Clutch control mechanism for motor vehicles. E. G. Hill and H. W. Hey. 2,320,182; May 25.
 Clutch driven plate. H. D. Geyer. 2,337,097; Dec. 21.
 Clutch element. E. Bagnall. 2,327,389; Aug. 24.
 Clutch follow-up device. Mechanical. H. F. Vickers. 2,311,010; Feb. 16.
 Clutch for cinematographs. One-way. T. J. Morgan and A. S. Dearborn. 2,313,662; Mar. 9.
 Clutch for lawn mower reel drive mechanism. M. Spinello. 2,332,118; Oct. 19.
 Clutch for pencils. Lead. H. Maucher. 2,318,510; May 4.
 Clutch for sewing machines. B. T. Leveque. 2,337,115; Dec. 21.
 Clutch means for accumulating units. C. D. Lake and W. Pfaff. 2,328,653; Sept. 7.
 Clutch mechanism. J. M. Cunningham. 2,307,112; Jan. 5.
 Clutch mechanism. W. A. Hyland. 2,336,099; Dec. 7.
 Clutch mechanism. R. N. Richards. 2,313,361; Mar. 9.
 Clutch mechanism. E. V. Rippingille. 2,319,366; May 18.
 Clutch mechanism, Automatic. O. H. Banker. 2,326,279; Aug. 10.
 Clutch mechanism for centrifugal machines and the like. J. Hertrich. 2,317,528; Apr. 27.
 Clutch plate. G. I. Goodwin. 2,309,950; Feb. 2.
 Clutch plate. G. I. Goodwin. 2,327,884; Aug. 24.
 Clutch plate. G. I. Goodwin. 2,333,308; Nov. 2.
 Clutch plate. W. J. Joyce. 2,337,111; Dec. 21.
 Clutch plate. W. V. Thelander. 2,316,820; Apr. 20.
 Clutch plate. W. V. Thelander. 2,337,134-35; Dec. 21.
 Clutch plate, Friction. W. V. Thelander. 2,307,340; Jan. 5.
 Clutch power take-off drive for tractors, Twin. E. F. Stumpf. 2,311,265; Feb. 16.
 Clutch structure, Hydraulic. A. Kuhns and E. R. Gasser. 2,322,577; June 22.
 Clutch system. H. Nutt and H. V. Reed. 2,328,090; Aug. 31.
 Clutch throwout bearing. J. R. Dorman. 2,328,895; Sept. 7.
 Clutch throwout mechanism. J. I. Carlson. 2,324,482; July 20.
 Clutches, Producing face. E. Wildhaber. 2,334,366; Nov. 16.
 Clutching mechanism. O. E. Fishburn. 2,322,840; June 29.
 Coach. Combined day and night. M. Rosin. 2,326,972; Aug. 17.
 Coach-sleeper vehicle. P. Parke, J. K. Tully, L. Anderson, and B. E. Jones. 2,323,620; July 6.
 Coagulant and making same. E. A. Siagle. 2,312,198; Feb. 23.
 Coagulometer. R. L. Rowland. 2,312,488; Mar. 2.
 Coal. Beneficiation of low grade. S. E. Erickson. 2,319,394; May 18.
 Coal. Beneficiation of low grade. S. E. Erickson. 2,330,479; Sept. 28.
 Coal, Bluing. G. P. Ham and R. B. Barnes. 2,312,898; Mar. 2.
 Coal breaker. C. A. Jamison. 2,321,027; June 8.
 Coal chute carrier. R. Schenbeck. 2,316,290; Apr. 13.
 Coal cutting bit, Reversible. C. J. Forbes. 2,312,538; Mar. 2.
 Coal drier. F. J. Anderson and M. Treshow. 2,323,289; July 6.
 Coal mine haulage vehicle. W. R. Beck. 2,336,386; Dec. 7.
 Coal spray composition. C. C. Müller. 2,319,942; May 25.
 Coal stoker, Automatic. R. Klossner. 2,333,316; Nov. 2.
 Coaling structure, Locomotive. L. G. Plant. 2,323,419; July 6.
 Coaster brake. G. S. Lewis. 2,321,150; June 8.
 Coat and trousers hanger. G. A. Higgins, Jr. 2,322,935; June 29.
 Coat construction. J. Gluseff. 2,317,373; Apr. 27.
 Coat hanger. H. J. Hanauer. 2,328,142; Aug. 31.
 Coat, Hunting. W. G. Grady. 2,315,416; Mar. 30.
 Coat, Hunting. R. E. Lee. 2,314,226; Mar. 16.
 Coat, Man's draps. L. Natale. 2,313,665; Mar. 9.
 Coat with detachable lining. L. J. Reitter. 2,320,950; June 1.
 Coated article and making the same. C. L. Shapiro. 2,307,861; Jan. 12.
 Coated article and making the same. J. S. Thompson. 2,327,002; Aug. 17.
 Coated fabric. M. H. Chamberlin. 2,335,739; Nov. 30.
 Coated fabric. R. L. Lester. 2,307,225; Jan. 5.
 Coated fabric. R. L. Lester. 2,336,265; Dec. 7.
 Coated fabrics. R. E. Christ and W. E. Hanford. 2,333,917; Nov. 9.
 Coated ferrous article and making the same. J. S. Thompson. 2,314,565; Mar. 23.
 Coated metal article and making same. J. S. Thompson. 2,318,642; May 11.
 Coated metal article and making same. J. S. Thompson. 2,318,666; May 11.
 Coated mold and molding concrete. F. A. Williams. 2,321,638; June 15.
 Coated product and making same. R. G. Quinn. 2,321,937; June 15.
 Coated products, Forming. C. H. Hempel. 2,312,296; Feb. 23.
 Coated products, Manufacture of. J. H. Balthis and A. W. Larchar. 2,308,638; Jan. 19.
 Coated radiation emitting bulb. G. H. Meredith. 2,337,485; Dec. 21.
 Coating. F. J. Gavin. 2,334,258; Nov. 16.
 Coating. C. J. Malm and G. J. Clarke. 2,307,783; Jan. 12.
 Coating. M. A. Pollack, F. Strain, and I. E. Muskat. 2,320,536; June 1.
 Coating, Abrasive resistant. J. O. Jackson. 2,330,365; Sept. 28.
 Coating and applying same. M. E. Wysong. 2,335,333; Nov. 30.
 Coating and filming machine and apparatus. E. L. Mack and E. H. Morse. 2,314,453; Mar. 23.
 Coating and decorating composition. A. E. Gessler and D. M. Gans. 2,317,371; Apr. 27.
 Coating and impregnating product. I. M. Colbeth. 2,335,998; Dec. 7.
 Coating and production of coated structures. J. A. Mitchell. 2,316,274; Apr. 13.
 Coating apparatus. Z. J. Atlee. 2,335,224; Nov. 30.
 Coating apparatus. W. Barrett. 2,328,163; Aug. 31.
 Coating apparatus. F. Casher and J. Teerlink. 2,337,709; Dec. 28.
 Coating apparatus. W. I. Gladfelter and W. H. Moore. 2,335,932; Dec. 7.
 Coating apparatus. G. Goebel and H. A. Rau. 2,334,087; Nov. 9.
 Coating apparatus. L. N. Pond. 2,316,972; Apr. 20.
 Coating apparatus adapted for confections. P. R. Hoopes. 2,308,420; Jan. 12.
 Coating apparatus for gaseous discharge lamps. G. E. Holman. 2,322,729; June 22.
 Coating apparatus for yarn holders. D. A. Jolley and J. P. Scarborough. 2,330,494; Sept. 28.
 Coating base metal with tin. W. W. Murray. 2,338,049; Dec. 28.
 Coating bodies with carbon. C. J. Christensen. 2,328,422; Aug. 31.

- Coating, Composite protective. H. K. Patch. 2,335,959; Dec. 7.
- Coating composition. L. Balassa. 2,328,249; Aug. 31.
- Coating composition. J. E. Butler, Jr., P. R. Evans, and H. H. Hopkins. 2,318,799; Mar. 16.
- Coating composition. F. W. Corkery and S. G. Burroughs. 2,319,281; May 18.
- Coating composition. E. W. Crosby. 2,326,623; Aug. 10.
- Coating composition. A. K. Doolittle. 2,319,852; May 25.
- Coating composition. R. T. Hucks. 2,335,760; Nov. 30.
- Coating composition. J. W. Humphrey. 2,318,750; May 31.
- Coating composition. F. W. Lanigan and J. G. Mark. 2,322,242; June 22.
- Coating composition. E. H. McArdle. 2,321,303; June 8.
- Coating composition. W. K. Moffett. 2,315,347; Mar. 30.
- Coating composition. C. H. Parsons. 2,322,198; June 15.
- Coating composition. E. C. Pitman. 2,310,867; Feb. 9.
- Coating composition. S. J. Ruskosky. 2,328,398; Aug. 31.
- Coating composition. C. D. West. 2,332,958; Oct. 26.
- Coating composition. A. E. Young and R. D. Freeman. 2,308,664; Jan. 19.
- Coating composition and making it. F. B. Root. 2,335,701; Nov. 30.
- Coating composition and making the same. E. Hirsch. 2,308,879; Jan. 19.
- Coating composition and producing the same. F. J. Licata. 2,320,527; June 1.
- Coating composition and production. J. M. Schantz. 2,324,432; July 13.
- Coating composition containing kauri resin. R. C. Swain and P. Adams. 2,329,664; Sept. 14.
- Coating composition containing manila resin. R. C. Swain and P. Adams. 2,329,663; Sept. 14.
- Coating composition containing polyisobutylene. R. C. Swain and P. Adams. 2,326,660; Aug. 10.
- Coating composition containing polyvinyl acetate methylal. R. C. Swain and P. Adams. 2,326,698; Aug. 10.
- Coating composition containing shellac. R. C. Swain and P. Adams. 2,311,911; Feb. 23.
- Coating composition, Dye-resistant. E. C. Atwell. 2,313,726; Mar. 16.
- Coating composition, Hot-melt. T. A. Kauppi and M. Klin. 2,311,609; Feb. 16.
- Coating composition, Moistureproofing. G. S. Heaven and W. Berry. 2,311,931; Feb. 23.
- Coating composition, Polystyrene. R. C. Swain and P. Adams. 2,325,987; Aug. 3.
- Coating compositions containing polyvinyl acetate methylal. R. C. Swain and P. Adams. Re. 22,402; Dec. 7.
- Coating compositions, Manufacture of. L. Auer. 2,322,106; June 15.
- Coating compositions, Preparing. A. T. Camp. 2,321,127; June 8.
- Coating device. A. J. Hauser and A. J. Stalter. 2,335,118; Nov. 23.
- Coating equipment. T. A. Kauppi, R. W. Kolderman, and R. S. McClurg. 2,334,102; Nov. 9.
- Coating for electric lamps, Luminescent. E. T. Casellini. 2,317,977; May 4.
- Coating for electric lamps, Luminescent. E. T. Casellini. 2,331,306; Oct. 12.
- Coating for metal surfaces, Corrosion resistant. J. C. Lum and G. Jernstedt. 2,329,065; Sept. 7.
- Coating for piston rings. C. A. and M. W. Marlew. 2,311,240; Feb. 16.
- Coating glass tubes. G. A. Michael. 2,337,524; Dec. 21.
- Coating machine. C. C. Bell. 2,325,098; July 27.
- Coating machine. W. I. Gladfelter and C. C. H. Hauger. 2,330,880; Oct. 5.
- Coating machine. W. I. Gladfelter and H. H. Moore. 2,335,931; Dec. 7.
- Coating machine. J. L. Glickman. 2,333,369; Nov. 2.
- Coating machine. C. W. Goodwin and H. G. Vore. 2,325,162; July 27.
- Coating machine. C. W. Mayer. 2,322,533; June 22.
- Coating machine. W. A. Meyer and F. E. Beck. 2,330,834; Oct. 5.
- Coating machine. W. P. Osgood. 2,314,051; Mar. 16.
- Coating machine. D. Ray. 2,319,476; May 18.
- Coating machine, Fluid. J. F. Smith. 2,336,042; Dec. 7.
- Coating material recovery medium and process. S. G. Saunders and H. Morrison. 2,328,399; Aug. 31.
- Coating, Metal. A. W. Harris. 2,320,129; May 25.
- Coating metal and articles produced thereby. O. W. Hosking. 2,337,555; Dec. 28.
- Coating metals by the aid of acid sulphites. L. P. Curtin. 2,313,925; Mar. 16.
- Coating method and material. R. F. Bacon and I. Ben-cowitz. 2,320,255; May 25.
- Coating, Method of. C. J. Malm and G. J. Clarke. 2,315,974; Apr. 6.
- Coating, Nonreflecting. G. F. Nadeau and E. H. Hilborn. 2,331,716; Oct. 12.
- Coating of surfaces with liquids by spraying. F. F. Schwartz and M. A. Chavannes. 2,319,353; May 18.
- Coating on magnesium and its alloys, Coloring protective. H. K. De Long. 2,310,487; Feb. 9.
- Coating on magnesium and its alloys, Providing a protective. W. S. Loose and H. K. De Long. 2,322,208; June 22.
- Coating on magnesium, Protective. R. Shawcross. 2,321,948; June 15.
- Coating process. W. E. Beadle, Sr. 2,333,629; Nov. 9.
- Coating process. R. G. Quinn. 2,321,938; June 15.
- Coating process and product. M. M. Brubaker. 2,330,333; Sept. 28.
- Coating process, Metal. L. O. Gill. 2,325,240; July 27.
- Coating, Process of. A. J. Steinberger. 2,318,111; Apr. 4.
- Coatings exhibiting patterns or designs, and product, Producing decorative. J. E. Stareck. 2,313,456; Mar. 9.
- Coatings, particularly asphaltic coatings and the like, Spraying. W. M. Ericson. 2,314,329; Mar. 23.
- Coatings, Procedure for brightening tin. J. S. Nachtman. 2,330,603; Sept. 28.
- Coatings, Producing. W. Mertens. 2,325,531; July 27.
- Coatings to sheet units, Applying polished. F. Caligari, Jr. 2,311,518; Feb. 16.
- Coaxial transmission line. H. E. Reppert. 2,332,529; Oct. 26.
- Coeldelide. G. S. McKee, W. M. Wilson, and H. S. Johnson. 2,316,963; Apr. 6.
- Cockpit. D. Samiran. 2,317,407; Apr. 27.
- Cockpit enclosure for airplanes. H. S. Magill and E. G. Bruce. 2,332,158; Oct. 19.
- Cocks, Blowoff. H. J. McGrath and J. M. Lamedec. 2,317,546; Apr. 27.
- Cocktail bar. J. W. Constable and T. D. Bibby. 2,311,817; Feb. 23.
- Cold. W. T. Clarke and B. J. Zimla. 2,336,254; Dec. 7.
- Coconut retting method. B. Maisant. 2,313,297; Mar. 9.
- Code call system. E. L. Erwin. 2,332,966; Oct. 26.
- Code interpreting mechanism. A. H. Maschmeyer. 2,323,824; July 6.
- Code selective apparatus. M. H. Loughridge. 2,320,150; Mar. 23.
- Code signal display apparatus. J. J. Cross. 2,336,927; Dec. 14.
- Code signaling system. K. W. Pilger. 2,337,493; Dec. 21.
- Coding apparatus. W. J. Zenner. 2,334,467; Nov. 16.
- Coffee brewer. P. F. Campbell. Re. 22,291; Mar. 23.
- Coffee brewer. N. W. Morse. 2,321,411; June 8.
- Coffee, Decaffeinating. N. E. Berry and R. H. Walters. 2,309,092; Jan. 26.
- Coffee extract. E. R. Darling. 2,335,206; Nov. 23.
- Coffee extracts, Making liquid. C. W. Carter. 2,334,171; Nov. 16.
- Coffee maker. I. Jepson. 2,312,555-6; Mar. 2.
- Coffee maker. J. L. Kopf. 2,314,543; Mar. 23.
- Coffee maker. H. G. Lehmann. 2,325,912; Aug. 3.
- Coffee maker. H. G. Lehmann. 2,331,705; Oct. 12.
- Coffee maker. W. B. Moore and R. S. Cobb. 2,309,526; Jan. 26.
- Coffee maker. E. P. Sadler. 2,323,283; June 29.
- Coffee maker. J. W. Sanderson. 2,314,018; Mar. 16.
- Coffee-making apparatus. P. Pappas. 2,317,214; Apr. 20.
- Coffee making device. F. E. Johnson. 2,311,759; Feb. 23.
- Coffee percolator. J. McMenamin. 2,313,761; Mar. 16.
- Coffee, Process and apparatus for decaffeinating. T. M. Rector. 2,309,139; Jan. 26.
- Coffee processing. G. W. Kirby, W. R. Johnston, and C. N. Frey. 2,321,148; June 8.
- Coffee roaster and percolator, Combined. G. L. Kayden. 2,325,684; Aug. 3.
- Coffee roaster control. L. M. Persons. 2,307,294; Jan. 5.
- Coil. Adjustable compensating lag. H. A. Bakke. 2,336,834; Dec. 14.
- Coil for relays and inductive apparatus. C. M. Morris. 2,326,053; Aug. 3.
- Coil-forming apparatus. O. F. Arthur. 2,325,462; July 27.
- Coil handling apparatus. M. H. Freeman. 2,325,121; July 27.
- Coil handling, Strip. J. E. Klefer. 2,327,906; Aug. 24.
- Coil handling system and method. N. B. Lane, W. S. Mingle, and H. H. Colson. 2,324,855; July 20.
- Coil, Heat exchange. R. W. Kritzer. 2,322,145; June 15.
- Coil, Heating. H. A. Strickland, Jr. 2,325,810; Aug. 3.
- Coil, Ignition. H. L. Hartzel. 2,327,784; Aug. 24.
- Coil structure. L. Maurer. 2,333,806; Nov. 9.
- Coil winding machine. J. S. Burge. 2,334,602; Nov. 16.
- Coil winding machine. P. X. Fox. 2,331,674; Oct. 12.
- Coil with temperature compensation, Shielded. F. Bergtold. 2,317,724; Apr. 27.
- Coiled spring piston ring. A. O. Olsen. 2,315,219; Mar. 30.
- Coiler, Rolling mill. W. C. McBain, P. R. Rauch, and W. L. Boggs. 2,334,109; Nov. 9.
- Colling arrangement for gas turbines. R. H. Norris. 2,309,003; Jan. 19.
- Colling block. A. G. Blodgett. 2,332,293; Oct. 19.
- Colls, Making coiled. R. H. Beebe. Re. 22,252; Jan. 19.
- Colls, Securing spaced air-core. K. Flachowsky. 2,331,384; Oct. 12.
- Coin and check separator. W. Patzer and W. A. Tratsch. 2,318,320; May 4.

- Coin bank. C. C. Collier. 2,315,086; Mar. 30.
 Coin bank. R. V. Moran. 2,336,185; Dec. 7.
 Coin bank and blank for making the same. A. B. Rode, Jr. 2,337,931; Dec. 28.
 Coin box system. Prepayment. H. M. Bascom. 2,319,032; May 11.
 Coin case. R. L. Loesch. 2,334,016; Nov. 9.
 Coin changer, Mechanical. J. E. Hagstrom. 2,322,234; June 22.
 Coin changing device. J. S. Millard. 2,311,560; Feb. 16.
 Coin changing vending machine. T. O. R. Dahlberg. 2,309,693; Feb. 2.
 Coin chute. F. A. Hoyt. 2,310,637; Feb. 9.
 Coin chute. W. Patzer and W. A. Tratsch. 2,310,596; Feb. 9.
 Coin chute. W. Patzer and W. A. Tratsch. 2,326,673; Aug. 10.
 Coin chute. L. Vieth. 2,308,634; Jan. 19.
 Coin collector. O. A. Shann. 2,332,018; Oct. 19.
 Coin collector, Periodic. W. L. Hudson. 2,310,089; Feb. 2.
 Coin control apparatus. W. F. Herschede and W. N. Woodruff. 2,312,836; Mar. 2.
 Coin controlled clutch. C. L. Grau. 2,321,136; June 8.
 Coin controlled device. F. H. Osborne. 2,327,154; Aug. 17.
 Coin-controlled machine. H. S. Benjamin. 2,312,793; Mar. 2.
 Coin controlled movie-sound machine. J. F. Eakins. 2,330,036; Sept. 21.
 Coin controlled release mechanism. G. W. Dooley. 2,317,593; Apr. 27.
 Coin controlled vending apparatus. F. W. Hoban. 2,333,176; Nov. 2.
 Coin-controlled vending machine. F. C. Du Grenier and F. B. Perri. 2,323,981; July 13.
 Coin controlled vending machine. L. Steiner. 2,330,153; Sept. 21.
 Coin controlled vending machine. G. R. Sutherland. 2,323,255; June 29.
 Coin conveying device. R. H. Eaton. 2,311,742; Feb. 23.
 Coin detecting apparatus. A. E. Gebert and F. C. Black. 2,322,434; June 22.
 Coin disposal unit. H. A. Henning. 2,323,657; July 6.
 Coin-handling device. F. J. Brady. 2,334,896; Nov. 23.
 Coin holder. J. E. Grant. 2,318,850; May 11.
 Coin lock. W. B. Haskins and H. Schlosberg. 2,311,659; Feb. 23.
 Coin lock. W. B. Haskins and H. Schlosberg. 2,329,988; Sept. 21.
 Coin lock coat hanger. E. J. Comfort. 2,319,039; May 11.
 Coin operated by typewriter control apparatus. J. B. Graham. 2,325,244; July 27.
 Coin operated device. C. L. Krumreich. 2,307,140; May 5.
 Coin operated door lock. S. W. Frazier. 2,324,920; July 20.
 Coin-operated ink vending apparatus for fountain pens. A. Fudem. 2,313,293; Mar. 9.
 Coin operated mailing machine. L. A. Thatcher. 2,315,828; Apr. 6.
 Coin release. B. C. Grunig. 2,321,199; June 8.
 Coin selector. B. W. Fry and J. Gottfried. 2,326,211; Aug. 10.
 Coin selector. J. Gottfried. 2,326,214; Aug. 10.
 Coin tester. W. Patzer and W. A. Tratsch. 2,321,153; June 8.
 Coke deposits. Preventing deleterious. R. J. Diwocky. 2,326,525; Aug. 10.
 Coke from stills. Process and apparatus for removing. P. W. Pearson. 2,310,748; Feb. 9.
 Coke oven apparatus. J. Becker. 2,310,924; Feb. 16.
 Coke oven door. E. E. Moore. 2,308,999; Jan. 19.
 Coke oven with movable walls. F. Puening. 2,311,349; Feb. 16.
 Coke removal. L. A. Ohlinger. 2,335,604; Nov. 30.
 Coker-isofforming system. E. W. Thiele. G. E. Schmitkons, and C. M. Hull. 2,326,704; Aug. 10.
 Coking. W. F. Rollman. 2,336,639; Dec. 14.
 Coking and catalytic cracking process, Combination. J. K. Roberts. 2,310,317; Feb. 9.
 Coking coals, Acid treatment of. C. S. Wolf. 2,336,154; Dec. 7.
 Coking coals. Pressure treatment of. W. J. Kruppa. 2,336,151; Dec. 7.
 Coking process. E. Utterback. 2,318,131; May 4.
 Cold diffuser. C. M. Ashley. 2,323,176; June 29.
 Cold heading machine. J. J. Tomalis. 2,322,262; June 22.
 Collapsible box. M. Kretschmer. 2,323,782; July 6.
 Collapsible box. W. A. Ringler. 2,307,720; Jan. 5.
 Collapsible building. R. D. Whiteman. 2,323,106; June 29.
 Collapsible carry home container. W. J. Wells. 2,319,380; May 18.
 Collapsible chair. A. Beeskov. 2,333,761; Nov. 9.
 Collapsible chair. A. B. Bell. 2,310,345; Feb. 9.
 Collapsible container. G. A. Frost. 2,331,582; Oct. 12.
 Collapsible display. A. Johnson. 2,332,642; Oct. 26.
 Collapsible form. F. M. McLaughlin. 2,325,001; July 20.
 Collapsible frame. D. J. Butts. 2,315,933; Apr. 6.
 Collapsible handle hand pump. B. N. Ashton and E. D. Holland. 2,334,057; Nov. 9.
 Collapsible package carrier. L. E. Mattoon. 2,313,884; Mar. 16.
 Collapsible paper container. E. H. Gruger. 2,321,139; June 8.
 Collapsible reel. H. J. Troche and D. Kelleher. 2,318,906; May 11.
 Collapsible seat. R. G. Nieltopp. 2,333,734; Nov. 9.
 Collapsible shipping container. G. X. Garvey. 2,332,999; Oct. 26.
 Collapsible storage cabinet. A. L. Rosenfeld and C. W. Apat. 2,335,585; Nov. 2.
 Collapsible tube. J. P. Nissen. Jr. 2,337,264; Dec. 21.
 Collapsible tube apparatus. J. H. Fridén. 2,309,696; Feb. 2.
 Collapsible tube container. W. E. Amberg. 2,322,213; June 22.
 Collapsible tubes, Metal coated. A. W. Wheeler. 2,320,498; June 1.
 Collapsible tubes and producing the same. A. E. Chernack. 2,337,373; Dec. 21.
 Collar and making same. M. L. Kaplan. 2,308,369; Jan. 12.
 Collar and preparing same. Semistiff. J. D. McBurney and E. H. Nollau. 2,312,925; Mar. 2.
 Collar bar. J. H. Hotson. 2,334,705; Nov. 23.
 Collar block for shirt presses. W. Coldough. 2,329,336; Sept. 14.
 Collar clip. R. G. Barreto. 2,318,045; May 4.
 Collar fabric. T. L. Shepherd and W. Richardson. 2,322,889; June 29.
 Collar. Float. J. R. Gardner. 2,309,839; Feb. 2.
 Collar holder. W. Forstner. 2,312,890; Mar. 2.
 Collar holder. C. Silverman. 2,335,805; Nov. 30.
 Collar of the turned down type. Soft. L. L. Goldenkoff. 2,311,897; Feb. 23.
 Collar stiffener. F. A. Kaplan. 2,319,135; May 11.
 Collar support. W. Chadwick. 2,334,068; Nov. 9.
 Collar support. W. H. Des Jardins. 2,324,617; July 20.
 Collar support. J. W. Steele. 2,322,672; June 22.
 Collar supporter. Shirt. C. A. Burton. 2,332,866; July 6.
 Collars and the like, Manufacture of. S. L. Cluett and G. A. Schreiner. 2,319,211; May 18.
 Collating machine. C. E. Wyrick. 2,327,689; Aug. 24.
 Collator. A. Dager. 2,308,804; Jan. 19.
 Collecting device. F. Schuster. 2,316,630; Apr. 13.
 Collector. Dust. J. L. Milton. 2,336,625; Dec. 14.
 Collector. Feed. R. Lindquist. 2,330,295; Sept. 28.
 Collector, Oyster spat. R. Toner. 2,319,170; May 11.
 Collector, Refuse. H. C. Lee. 2,335,155; Nov. 23.
 Collet chuck. K. R. Sjogren. 2,311,258; Feb. 16.
 Collet index fixture. J. Bochenek. 2,337,707; Dec. 28.
 Collimator. G. Lowkrantz. 2,310,031; Feb. 2.
 Collimator. J. Morelle. 2,313,204; Mar. 9.
 Cold gum and conditioning such gums for use, Soluble photographic layer of. F. W. H. Mueller. 2,330,905; Oct. 5.
 Cologne container. W. R. Hauptman. 2,328,338; Aug. 31.
 Colony counting apparatus. O. W. Richards. 2,332,668; Oct. 26.
 Color cinematography. P. D. Brewster. 2,328,418; Aug. 31.
 Color composition containing guanyurea, Stabilized ice. P. P. McClellan and W. P. Ericks. 2,314,652; Mar. 23.
 Color concentrate. G. Klinkenstein, F. Danerth, and C. Frey. 2,313,976; Mar. 9.
 Color control in photographic copying apparatus and the like. L. Braunschmidt, K. van Brlessen, and K. Hissbach. 2,326,431; Aug. 10.
 Color correcting method and device. P. Curry. 2,309,048; Jan. 19.
 Color correction in multi-layer color film. Le R. M. Dearling. 2,307,996; Jan. 12.
 Color Images, Production of. W. Schultze. 2,307,162; Jan. 5.
 Color mixing system. H. E. Amundson. 2,334,055; Nov. 9.
 Color photography. A. L. Bunting. 2,333,359; Nov. 2.
 Color photographs. J. Eggert and B. Wendt. 2,320,418; June 1.
 Color photography. J. Crawford. 2,324,069; July 13.
 Color photography. E. E. Jelley and P. W. Vittum. 2,322,027; June 15.
 Color photography. V. B. Sease and J. R. Weber. 2,319,369; May 18.
 Color photography. A. G. Tull. 2,320,108; May 25.
 Color photography and cinematography. A. G. Tull. 2,328,368; Aug. 31.
 Color photography and composition thereof. J. E. Kirby and D. M. McQueen. 2,328,652; Sept. 7.
 Color printing. P. Drewsen and J. R. Little. 2,322,927; June 29.
 Color printing apparatus. Screen. H. Fleisher and G. H. Tillett. 2,321,134; June 8.
 Color printing method. P. Drewsen and J. R. Little. 2,322,928; June 29.
 Color printing plates, Preparation of. W. Martin. 2,321,760; June 15.
 Color printing press. G. Darenberg and D. Shea. 2,334,909; Nov. 23.
 Color reproduction. M. K. Goldstein. 2,324,773; July 20.
 Color separation images, Producing. B. Gáspár. 2,320,358; June 1.

- Color separation pictures of correct tone value, Production of. G. Wilmanns. 2,336,380; Dec. 7.
- Color stabilization of light distillates. A. P. Hewlett. 2,315,957; Apr. 6.
- Color stabilizer for oils. M. A. Dietrich. 2,312,082; Feb. 23.
- Color stain in photographic emulsions, Preventing. A. Weisberger and E. E. Jelley. 2,336,327; Dec. 7.
- Color television apparatus. M. Cawlen. 2,312,800; Mar. 2.
- Color television receivers, System for. A. B. Du Mont and T. T. Goldsmith, Jr. 2,337,980; Dec. 28.
- Color television system. H. S. Bamford. 2,312,792; Mar. 2.
- Colorimeter. A. H. Bennett and R. S. Estey. 2,310,608; Feb. 9.
- Colorimeter. R. S. Estey and K. W. Harper. 2,310,624; Feb. 9.
- Colorimetric apparatus. R. S. Estey. 2,328,631; Sept. 7.
- Coloring fruit. L. Longfield-Smith. 2,324,407; July 13.
- Coloring material. R. H. Kienle and A. L. Pelker. 2,323,871; July 6.
- Coloring material, Flame. J. P. B. Flske. 2,320,330; May 25.
- Coloring materials in water swellable colloids, Dispersing. D. E. Bennett, Jr., and S. S. Fierke. 2,311,020; Feb. 16.
- Colostomy protector. I. D. Fenwick. 2,327,514; Aug. 24.
- Colostomy protector. E. P. Marsan. 2,314,724; Mar. 23.
- Column adjuster for bookkeeping machines. J. Sobisch. 2,309,099; Jan. 19.
- Column, Rectifying. H. S. Lecky. 2,317,101; Apr. 20.
- Comb. W. Huppert. 2,316,335; Apr. 13.
- Comb. N. L. Solomon. 2,329,361; Sept. 14.
- Comb apparatus, Hair cutting. C. A. Halen. 2,325,246; July 27.
- Comb, Hair waving. R. W. Woodruff. 2,334,737; Nov. 23.
- Comb, Shearing. H. C. Wright. 2,308,223; Jan. 12.
- Comb units and the like, Making parts for. C. L. Molnar. 2,325,205; July 27.
- Comb, Wave dressing. A. Maier. 2,333,326; Nov. 2.
- Combination band pulling and punching tool. E. J. Govanus. 2,312,400; Mar. 2.
- Combination book match and sample or advertising carrier. L. Lipowitz. 2,320,940; June 1.
- Combination fence tool. H. D. Feiglon. 2,313,530; Mar. 9.
- Combination hair and hat fastener. M. Marek. 2,317,207; Apr. 20.
- Combination high and low pressure storage tank. G. B. Cook. 2,314,442; Mar. 23.
- Combination lock. S. M. Archer. 2,322,724; June 22.
- Combination lock. O. J. Lalonde. 2,332,239; Oct. 19.
- Combination low pressure feed heater. E. P. Worthen. 2,328,044; Aug. 31.
- Combination milk filter. M. E. Schwartz. 2,316,721; Apr. 13.
- Combination mixer. E. G. Eppenbach. 2,315,251; Mar. 30.
- Combination refuse cutter and burner. F. E. Rodrigues and D. Gianni. 2,334,441; Nov. 16.
- Combination steaming and pressing iron. F. E. Wolcott. 2,329,807; Sept. 21.
- Combination storm and screen door. M. W. Baker. 2,332,190; Oct. 19.
- Combination strut. G. E. Husted. 2,317,196; Apr. 20.
- Combination support. B. Wilson. 2,316,038; Apr. 6.
- Combination switch. S. Crum. 2,324,136; July 13.
- Combination switch. C. G. Kronmiller. 2,326,040; Aug. 3.
- Combination switch. D. G. Taylor. 2,320,094; Sept. 7.
- Combination tool. J. K. McMaster. 2,331,920; Oct. 19.
- Combination tool. R. J. and R. F. Schaefer. 2,332,347; Oct. 19.
- Combination tool. A. A. Vanasse. 2,330,092; Sept. 21.
- Combine. C. B. Hobson. 2,327,893; Aug. 24.
- Combine. A. W. Oehler. 2,332,006; Oct. 19.
- Combine. C. N. Stone, J. L. Green, and L. A. Paradise. 2,332,025; Oct. 19.
- Combined cultivator and harrow. J. M. Wiley. 2,318,981; May 11.
- Combined curtain and shade bracket. J. B. Cabral. 2,321,733; June 15.
- Combined doughnut and biscuit cutter. H. Paquette. 2,332,595; Oct. 26.
- Combined hammock and sleeping bag. A. O. Andersson. 2,321,968; June 15.
- Combined harvester, Self-propelled. C. E. Everett. 2,310,577; Feb. 9.
- Combined illuminating unit and sign. I. V. Mansell. 2,335,951 Dec. 7.
- Combined power hay buckler and stacker. R. Sandvig. 2,322,472; June 22.
- Combined shipping and display container. M. S. Holstein and T. T. Morrow. 2,330,585; Sept. 28.
- Combined threshing and grain cleaner. H. Mjolsness and N. W. Russell. 2,334,946; Nov. 23.
- Combined vacuum breaker and check valve. W. C. Groeniger. 2,322,631; June 22.
- Combined wheel and tire lock. W. E. Johnson. 2,333,722; Nov. 9.
- Combining foam rubber. C. L. Glaes and J. F. Schott. 2,320,425; June 1.
- Combining unit. H. O. Peterson. 2,332,253; Oct. 19.
- Combustion apparatus. J. W. Miller. 2,313,568; Mar. 9.
- Combustion apparatus. J. W. Miller and R. E. Fell. 2,334,117; Nov. 9.
- Combustion apparatus, Liquid fuel. T. B. Focke. 2,333,478; Nov. 2.
- Combustion chamber. J. S. Huber. 2,324,705; July 20.
- Combustion chamber. G. T. Johnson. 2,316,794; Apr. 20.
- Combustion chamber. J. D. Loveley. 2,329,920; Sept. 21.
- Combustion chamber. R. H. Shepperd. 2,324,328; July 13.
- Combustion chamber for gas-flow engines. M. A. Muller. 2,332,866; Oct. 26.
- Combustion chamber for internal combustion engines. E. Hocke. 2,317,536; Apr. 27.
- Combustion control. J. L. Harris. 2,313,340; Mar. 9.
- Combustion control. J. L. Klinker. 2,332,580; Oct. 26.
- Combustion engine. R. Landis. 2,320,526; June 1.
- Combustion, Method and apparatus for controlling. E. A. Richardson. 2,311,350; Feb. 16.
- Combustion method for oil burners. R. W. Buckett. 2,330,190; Sept. 28.
- Combustibles, Preservation of. F. Klefer. 2,318,867; May 11.
- Comforter, Bed. M. Dunn. 2,324,619; July 20.
- Communitated material to surfaces, Applying. W. E. MacKinney. 2,334,112; Nov. 9.
- Communitating apparatus. A. F. Stanley. 2,317,416; Apr. 27.
- Comminutor. C. W. Chase. 2,322,922; June 29.
- Comminutor. A. C. Durdin, Jr. 2,320,514; June 1.
- Comminutor, Through-flow. C. W. Chase. 2,336,069; Dec. 7.
- Commode, Infant's. R. D. Overholser. 2,307,897; Jan. 12.
- Communication switching system. B. S. Swezey. 2,318,723; May 11.
- Communication system. L. H. Allen. 2,333,140; Nov. 2.
- Communication system. W. M. Bacon. 2,320,997; June 8.
- Communication system. J. Baumfalk. 2,332,290; Oct. 19.
- Communication system. R. H. Campbell. 2,317,358; Apr. 27.
- Communication system. R. H. Campbell. 2,323,307; July 6.
- Communication system. R. H. Campbell. 2,326,616-17; Aug. 10.
- Communication system. C. W. Hansell. 2,333,245; Nov. 2.
- Communication system. W. H. T. Holden. 2,310,634; Feb. 9.
- Communication system. W. H. T. Holden. 2,324,624; July 20.
- Communication system. W. H. T. Holden. 2,327,711; Aug. 24.
- Communication system. W. H. T. Holden. 2,333,179; Nov. 2.
- Communication system. F. H. Kroger. 2,312,824; Mar. 2.
- Communication system. D. C. McRae. 2,317,547; Apr. 27.
- Communication system. H. J. Nichols. 2,315,727-8; Apr. 6.
- Communication system. H. J. Nichols. 2,329,077; Sept. 7.
- Communication system. H. J. Nichols, H. L. Tholstrup, and J. A. Skinner. 2,307,153; Jan. 5.
- Communication system. N. H. Reeve. 2,324,877; July 20.
- Communication system. W. H. Scheer. 2,332,015; Oct. 19.
- Communication system. G. Valensi. 2,313,209; Mar. 9.
- Communication system. S. B. Williams. 2,311,800; Feb. 23.
- Communication system. R. E. Zenner. 2,335,335; Nov. 30.
- Communication, System of. F. Helmetts. 2,307,505; Jan. 5.
- Communication systems, Receiving apparatus for. W. M. Adams. 2,334,468; Nov. 16.
- Community tool stall. F. W. Johnson. 2,336,936; Dec. 14.
- Commutation means. K. L. Hansen. 2,329,759; Sept. 21.
- Commutator. L. F. Hemphill. 2,322,020; June 15.
- Commutator. A. C. Korte. 2,319,692; May 18.
- Commutator-centering means. E. J. Kreh, Jr. 2,307,516; Jan. 5.
- Commutator dynamoelectric machines, Improving the commutation of. B. Schwarz. 2,311,700; Feb. 23.
- Commutator for dynamoelectric machines. C. B. Wilson. 2,320,541; June 1.
- Commutator structure and forming the segments thereof. G. L. Moeller. 2,316,652; Apr. 13.
- Commutator structure. G. L. Moeller. 2,316,651; Apr. 13.
- Commutator trimming tool. E. Bowker. 2,308,671; Jan. 19.
- Compact. H. S. Makela. 2,336,024; Dec. 7.
- Compact, Lady's. G. Rosenberg. 2,335,359; Nov. 30.
- Compact, Powder. A. Mitchell. 2,331,216; Oct. 5.

Compaction separator. J. F. Geary. 2,316,783; Apr. 20.

Comparator. A. H. Emery. 2,307,831; Jan. 12.

Comparator. J. Maurer. 2,336,695; Dec. 14.

Comparator gauge. J. C. Fisk. 2,309,891; Feb. 2.

Comparator, Thread. E. J. Almqvist. 2,331,882; Oct. 19.

Comparator, Visual color. D. L. West. 2,325,350; July 27.

Compartment door latch. E. N. Jacobi. 2,313,711-12; Mar. 9.

Compartment door latch. E. N. Jacobi. 2,337,984; Dec. 28.

Compass, Beam. H. L. De Lisle. 2,331,892; Oct. 19.

Compass, Beam. E. Laxo. 2,309,514; Jan. 26.

Compass bowl. E. F. Britten. 2,319,529; May 18.

Compass compensating means. P. A. Noxon. 2,324,718; July 20.

Compass, Dynamic. J.-L. Reutter. 2,313,005; Mar. 2.

Compass, Induction. H. V. Alexandersson and A. S. Dahlstedt. 2,334,469; Nov. 16.

Compass, Magnetic. E. F. Britten, Jr. 2,325,365; July 27.

Compass, particularly for orientation purposes. A. Jonsson. 2,336,789; Dec. 14.

Compass, Radio. H. G. Busignies. 2,320,908; June 1.

Compass, Remote indicating. P. Kollman. 2,316,873; Apr. 20.

Compass, Remotely indicating. V. E. Carbonara. 2,332,297; Oct. 19.

Compass structure. B. E. Sherrill. 2,310,041; Feb. 2.

Compass system. A. A. Stuart, Jr. 2,313,682; Mar. 9.

Compass, Toolmaker's. J. A. Fried. 2,318,384; May 4.

Compass with cape of electrically nonconductive material. Liquid filled. G. Tillander. 2,331,747; Oct. 12.

Compensated strain gauge. A. Shayne and R. A. Wittkhus. 2,336,371; Dec. 7.

Compensating arrangement for thermal relays. K. Schwanden. 2,318,279; May 4.

Compensating device. E. J. Kuebert and H. F. Penfold. 2,316,004; Apr. 6.

Compensating device for steam or like pipings. E. Laufer. 2,313,490; Mar. 9.

Compensating means for magnetic compasses. P. A. Noxon. 2,309,269; Jan. 26.

Compensator, Axle. R. F. Thornton. 2,315,299; Mar. 30.

Compensator for automatic firearms. E. G. Reising. 2,313,669; Mar. 9.

Compensator for automatic scales. H. F. Briggs. 2,327,093; Aug. 17.

Compensator for firearms, Lift. R. C. Lance. 2,322,370; June 22.

Compensator, Quadrantal. W. P. Lear. 2,336,361; July 7.

Compensator, Temperature. W. T. Knauth. 2,324,217; July 13.

Compensator, Voltage regulation. C. W. Hansell. 2,307,217; Jan. 5.

Complete stickless stapleless chick box. K. C. Ferguson. 2,319,924; May 25.

Completing valve method and apparatus for. J. E. Erkel. 2,336,168; Dec. 7.

Composite articles, Making. A. F. Underwood. 2,331,584; Oct. 12.

Composite board structure. G. Kahr. 2,324,628; July 20.

Composite control cable. C. F. Beed. 2,308,669; Jan. 19.

Composite drill collar. A. L. Stone. 2,328,856; Sept. 7.

Composite fabric, Making. W. H. Heaton. 2,331,321; Oct. 12.

Composite grinding wheel. F. M. Ryan. 2,309,016; Jan. 19.

Composite material. C. Dreyfus. 2,325,668; Aug. 3.

Composite material. W. H. Moss. 2,325,700; Aug. 3.

Composite materials, Method for making. T. F. Caruthers and W. N. Stoops. 2,318,670; May 11.

Composite metal article. J. T. Marvin and A. R. Shaw. 2,322,737; Oct. 26.

Composite metal slabs, Making. C. A. Medsker. 2,323,666; July 6.

Composite metal strips, Making. J. A. Ritz. 2,315,657; Apr. 6.

Composite package. L. L. Salfisberg. 2,325,921; Aug. 3.

Composite photographs, Producing. O. J. L. Seaman. 2,314,663; Mar. 23.

Composite porous metal article. W. G. Calkins. 2,337,588; Dec. 28.

Composite ribbon and making the same. M. Katz. 2,332,233; Oct. 19.

Composite sheet material and making the same. R. G. Dewey. 2,330,814; Oct. 5.

Composite strand material. W. M. Camp. 2,335,644; Nov. 30.

Composite strip stock, Making. A. R. Shaw. 2,309,018; Jan. 19.

Composite valve unif and valve operating means. H. G. Huxley and G. L. Walker. 2,337,659; Dec. 28.

Composition. E. J. Cranmer. 2,328,894; Sept. 7.

Composition and blank for recording sound. C. F. Cummins and J. L. Sher. 2,308,676; Jan. 19.

Composition and coated rod for arc welding magnesium alloys. J. J. Frendergast, R. A. Jones, and C. F. Gladen. 2,325,014; July 20.

Composition and method. J. F. Lontz. 2,322,759-60-1; June 29.

Composition and method. J. F. Lontz. 2,326,471; Aug. 10.

Composition and method for treating boiler water to prevent caustic embrittlement. P. G. Bird, W. Evans, C. Harmon, and J. R. Salvesen. 2,318,663; May 11.

Composition comprising solid ethylene polymers. B. J. Hagood. 2,316,418; Apr. 13.

Composition containing polymerized chloroprene. A. D. Macdonald. 2,323,338; July 6.

Composition containing wood oil or oiticica oil. W. Krumbhaar. 2,319,507; May 18.

Composition for cleaning aluminum. R. H. Brown and R. B. Mears. 2,316,219-20; Apr. 13.

Composition for densifying porous masses and structures. W. S. Wertz. 2,313,107; Mar. 9.

Composition for improving the absorbing properties of fabrics and the like. W. L. Moody and S. J. Wagar. 2,319,822; May 25.

Composition for limed hides, Washing and deliming. H. Bertsch and F. Schmitt. 2,318,454; May 4.

Composition for preserving cut flowers. A. A. Meyer. 2,317,651; Apr. 27.

Composition for protection against light of short wave length. S. Isermann and E. Ohlsson. 2,327,899; Aug. 24.

Composition for removing wallpaper. H. E. Wassell. 2,317,505; Apr. 27.

Composition for the treatment of ivy poisoning. R. M. Cole. 2,322,565; June 22.

Composition for treating plastic materials. A. B. Clark. 2,319,660; May 18.

Composition material and making same, Water resistant. N. L. Smith. 2,316,998; Apr. 20.

Composition material and producing the same. C. H. Schub. 2,307,860; Jan. 12.

Composition of matter. A. L. Flenner and B. M. Sturgis. 2,333,084; Nov. 2.

Composition of matter. L. H. Flett. 2,317,986; May 4.

Composition of matter. J. G. Lichty. 2,321,301; June 8.

Composition of matter. I. C. Matthews and W. F. Lynch. 2,328,566-7; Sept. 7.

Composition of matter. E. W. McMullen and D. J. Doan. 2,323,874; July 6.

Composition of matter. R. S. Shelton and M. G. Van Campen, Jr. 2,331,808; Oct. 12.

Composition of matter. D. R. Wiggam. 2,326,810; Aug. 17.

Composition of matter and its preparation. F. J. Soday. 2,315,557; Apr. 6.

Composition of matter and making the same. A. L. Ward. 2,321,440; June 8.

Composition of matter and method and steps of making and using the same. M. T. Harvey. 2,326,297; Aug. 10.

Composition of matter and method and steps of making and using the same. M. T. Harvey. 2,327,422; Aug. 24.

Composition of matter and method and steps of making and using the same. W. F. Schaufelberger. 2,327,563; Aug. 24.

Composition of matter, Devitalizing. P. Müller. 2,329,074; Sept. 7.

Composition. Plastic bituminous insulating. O. V. McGrew. 2,333,189; Nov. 2.

Composition, Polishing. G. F. Hogg. 2,320,236; May 25.

Composition, Vinyl resin coating. W. B. Campbell, Jr. 2,329,456; Sept. 14.

Compositions and method of preparing and applying same. E. C. Atwell. 2,313,727; Mar. 16.

Compositions containing bis-(halogeno aliphatic amido) derivatives of divalent hydrocarbons. G. F. D'Alleio. 2,337,313; Dec. 21.

Compositions of matter and methods and steps of making and using the same. M. T. Harvey. 2,317,607; Apr. 27.

Compositions of matter and methods and steps of making and using the same. M. T. Harvey. 2,327,785; Aug. 24.

Compositions for aminoarylsulphonamides, Diagnostic. J. Kamlet. 2,320,282; May 25.

Compositions for concrete and other hydraulic mixes, Water ratio reducing and workability increasing. H. Goldstein and L. Libershtson. 2,307,741; Jan. 12.

Compound and process, Chemical. A. L. Fox. 2,321,022; June 8.

Compound for sealing and lubricating relatively moving parts. H. W. Hemker and R. C. Fuhrman. 2,321,384; June 8.

Compound into vulcanized rubber, Converting bulk. F. M. Daley and L. H. De Wyk. 2,315,366; Mar. 30.

Compound master cylinder. S. Schnell. 2,328,683; Sept. 7.

Compound microscope and lens system therefor. A. Warmisham. 2,313,460; Mar. 9.

Compound, Mopping. W. J. Liipfert. 2,315,718; Apr. 6.

Compound tool. H. R. Gregory. 2,337,990; Dec. 28.

Compounds and cellulose derivatives colored therewith, Anthraquinone. J. B. Dickey and J. G. McNally. 2,319,043; May 11.

Compounds and preparing them, High boiling. L. H. Johnston. 2,335,012; Nov. 23.

- Compounds, Diazoamido. H. Clingstein and H. Schrum. 2,308,675; Jan. 19.
- Compounds for lubricants, etc., Preparation of. J. M. Musselman. 2,331,923; Oct. 19.
- Compounds having a pregnane or pregnene skeleton. T. Reichstein. 2,312,483; Mar. 2.
- Compounds, Manufacture of aliphatic. H. Dreyfus. 2,308,594; Jan. 19.
- Compounds, Manufacture of amino. L. G. Davy. 2,312,754; Mar. 2.
- Compounds of calcium salicylate with pyrazolones. Double. H. Bole and K. Wulzinger. 2,323,193; June 29.
- Compounds of the anthraquinone series. H. R. Lee and C. A. Young. 2,314,356; Mar. 23.
- Compounds of the oxime type, Production of. J. D. Kohnalt. 2,310,649; Feb. 9.
- Compounds of the cyclopentanopolhydrophenanthrene series and making same. L. Ruzicka and A. Wettstein. 2,333,202; Nov. 2.
- Compounds of the hormone series. L. Ruzicka. 2,332,815; Oct. 26.
- Compounds of zirconium, titanium, and hafnium, Preparation of. E. Wagner. 2,315,141; Apr. 6.
- Compounds, Preparation of quaternary onium. J. L. Brannon. 2,309,691; Feb. 2.
- Compounds, Production of aliphatic polyhydroxy. H. Dreyfus. 2,311,741; Feb. 23.
- Compounds, Purification of organic. D. J. Potter. 2,307,953; Jan. 12.
- Compressed air cooler. C. E. Staky. 2,329,953; Sept. 24.
- Compressed air practice firing device. M. Peiker. 2,308,798; Jan. 19.
- Compressed and densified product and making the same. G. B. Brown. 2,326,516; Aug. 16.
- Compressible commodities, Packaging. J. Yates. 2,327,766; Sept. 7.
- Compression coupling. G. A. Borg. 2,318,835; May 11.
- Compression ignition engine. D. J. Smith. 2,312,955; Feb. 23.
- Compression ignition fuel-injection engines. D. R. Gram. 2,336,883; Dec. 14.
- Compression matrix with a pulverulent material, Filling. W. Bokk. 2,312,997; Mar. 2.
- Compression motor. H. P. Forss. 2,318,071; May 4.
- Compressor. W. R. Brown and N. J. Collings. 2,328,420; Aug. 31.
- Compressor. F. A. Hatbeck. 2,312,335; Mar. 2.
- Compressor. F. A. Lane. 2,321,828; June 15.
- Compressor. P. Maniscalco. 2,323,068; June 29.
- Compressor. W. C. Tyler. 2,321,781; June 15.
- Compressor, Air. B. S. Alkman. 2,319,911; May 25.
- Compressor, Air. J. W. Brooks. 2,319,718; May 18.
- Compressor, Air or gas. E. C. Mills. 2,321,007; June 8.
- Compressor control means. C. R. Neeson. 2,329,931; Sept. 21.
- Compressor, Drawer. R. Willard. 2,326,087; Aug. 3.
- Compressor, Latch-controlled. C. W. Straubel. 2,330,318; Sept. 25.
- Compressor or follower for file receptacles. J. R. Jones and V. A. Gronberg. 2,330,976; Oct. 5.
- Compressor or motor, Rotary. C. O. J. Montellus. 2,324,168; July 13.
- Compressor, Refrigerant. W. E. Shore. 2,324,434; July 13.
- Compressor, Rotary. W. W. Davidson. 2,309,577; Jan. 20.
- Compressor, Valve spring. H. T. Zimmerman. 2,316,830; Apr. 20.
- Compressor, Valveless. A. Larson. 2,334,939; Nov. 23.
- Compressor, Volumetric. L. Audubert. 2,330,540; Sept. 28.
- Computer mechanism. W. H. Newell. 2,317,293; Apr. 20.
- Computing and accounting machine. J. N. Mueller. 2,323,836; July 6.
- Computing and indicating mechanism. Price. J. Loder. 2,320,091; May 25.
- Computing and printing machine. O. J. Sundstrand. 2,307,245; Jan. 5.
- Computing and registering mechanism. P. J. McLaren. 2,322,767; June 29.
- Computing device. H. J. Sang. 2,316,627; Apr. 13.
- Computing machine. W. A. Anderson. 2,320,399; June 1.
- Computing machine. E. Marquess. 2,308,292; Jan. 12.
- Computing machine. O. J. Sundstrand. 2,309,282; Jan. 26.
- Computing mechanism. K. C. Bugg. 2,323,374; July 6.
- Computing mechanism for adding machines, Fraction. W. A. Anderson. 2,309,292; Jan. 26.
- Concealed hinge for automobile doors. C. Dumelin. 2,322,286; June 22.
- Concealed slider stop. F. E. Lobse. 2,332,923; Oct. 26.
- Concealment device. W. H. Bucknell. 2,327,168-9; Aug. 17.
- Concentrates, Treating potassium chloride. L. W. Ferris. 2,336,854; Dec. 14.
- Concentrating liquids which upon concentration deposit crystals and leave a residual concentrated liquor, Method and apparatus for. M. J. Kerner. 2,330,221; Sept. 28.
- Concentration of aliphatic acids. W. H. Groombridge and R. Page. 2,329,265; Sept. 14.
- Concentration of kyanite. F. X. Tartaron. 2,326,807; Aug. 17.
- Concentrator. L. McLean. 2,323,557; July 6.
- Concrete block forming machine. H. A. Wellnitz. 2,308,132; Jan. 12.
- Concrete block molding machine. B. Brekke. 2,310,833; Feb. 9.
- Concrete blocks, Molding. R. B. Shugart. 2,311,479; Feb. 16.
- Concrete blocks, Reinforcing. K. P. Billner. 2,310,105; May 11.
- Concrete breaking machine. W. V. Cornetti. 2,335,172; Nov. 23.
- Concrete building structure and making the same. C. Busch. 2,337,743; Dec. 28.
- Concrete cement, and the like and making the same. J. V. Drummond. 2,336,723; Dec. 14.
- Concrete construction. J. M. Crom. 2,315,894; Apr. 6.
- Concrete construction. J. M. Crom. 2,315,895; Apr. 6.
- Concrete construction and making the same, Porous. O. G. Patch. 2,315,732; Apr. 6.
- Concrete construction process. R. E. Davis. 2,331,311; Oct. 12.
- Concrete construction, Reinforced. R. E. Dill. 2,329,189; Sept. 14.
- Concrete floating and brick surfacing machine. J. W. Heltzel. 2,312,968; Mar. 2.
- Concrete form. G. B. Bosco. 2,310,669; Feb. 9.
- Concrete form. H. G. Davis. 2,308,806; Jan. 19.
- Concrete form wale clamp. H. F. Neptune. 2,330,990; Oct. 5.
- Concrete forms, Combined spreader and tie for. B. Hillberg. 2,335,338; Nov. 30.
- Concrete magazines, Constructing. L. P. Corbetta. 2,321,911; July 20.
- Concrete, Method and apparatus for handling. C. J. White. 2,315,915; Apr. 6.
- Concrete mixer. G. Maxon, Jr. 2,328,830; Sept. 7.
- Concrete mixer. H. E. Smith. 2,314,169; Mar. 16.
- Concrete mixer. C. W. Stanchiffe. 2,331,243; Oct. 5.
- Concrete mixer. G. K. Viall and L. G. Hilkemeler. 2,308,901; Jan. 19.
- Concrete mixer. G. K. Viall and L. G. Hilkemeler. 2,329,167; Sept. 7.
- Concrete mixer. H. A. and G. H. Wagner. 2,322,900; June 29.
- Concrete mixer. H. A. and G. H. Wagner. 2,327,473; Aug. 24.
- Concrete oil barge. F. R. Harris. 2,321,811; June 15.
- Concrete pile and sinking it. H. G. G. Richey. 2,332,161; Oct. 19.
- Concrete placement machine. C. Jackson. 2,322,362; June 22.
- Concrete preservation. R. P. Keeler. 2,308,980; Jan. 19.
- Concrete pump drive, Multiple unit. C. F. Ball. 2,334,375; Nov. 16.
- Concrete and construction. J. N. Heltzel. 2,330,213; Sept. 28.
- Concrete stair mold. F. Kogl. 2,331,791; Oct. 12.
- Concrete structure, Reinforced. A. G. Russell. 2,334,355; Nov. 16.
- Concrete structures, Molding. N. R. Steensen. 2,313,207; Mar. 9.
- Concrete treating and finishing machine. J. W. Poulter. 2,333,041; Oct. 26.
- Concrete wall form. O. Summers. 2,312,983; Mar. 2.
- Condensation of an imide of a dicarboxylic acid with a polamine. H. Kroeper. 2,323,064; June 29.
- Condensation of cyanocarboxylic acid with polyamine. H. Kroeper and H. Haussmann. 2,324,936; July 20.
- Condensation process. V. O. Bowles. 2,334,861; Nov. 23.
- Condensation product. K. Alder and H. F. Rickert. 2,336,208; Dec. 7.
- Condensation product. E. Lieber and H. T. Rice. 2,322,036; June 15.
- Condensation product and its production, Maleic anhydride-tar base. S. P. Miller. 2,313,392; Mar. 9.
- Condensation product and preparing and using same. E. Lieber. 2,324,784; July 20.
- Condensation product and preparing and using same. E. Lieber. 2,330,722; Sept. 28.
- Condensation product and preparing same. C. Graenacher, R. S. Bottmungen, and O. Albrecht. 2,312,896; Mar. 2.
- Condensation product and preparing same. C. Graenacher, R. Sallmann and O. Albrecht. 2,331,387; Oct. 12.
- Condensation product and preparing same. M. Pier and F. Christmann. 2,337,922; Dec. 28.
- Condensation product and preparing the same, Tertiary amyl alcohol-formaldehyde. M. T. Harvey. 2,333,927; Nov. 9.
- Condensation product, Nonresinous. F. M. Clark. 2,318,373; May 4.
- Condensation product of cashew nut shell liquid distillation residue and method, Polymerization-furfuraldehyde. S. Caplan. 2,317,587; Apr. 27.
- Condensation product of formaldehyde and a terpene alcohol and process of making it. M. T. Harvey. 2,323,129; June 29.

- Condensation product of polycarboxylic halides with mineral oils and producing it. E. Lieber. 2,330,064; Sept. 21.
- Condensation product, Triazine-aldehyde. G. Widmer and W. Fisch. 2,310,004; Feb. 2.
- Condensation products. K. Schmidt and O. Wahl. 2,325,803; Aug. 3.
- Condensation products and a process of preparing them. A. Wolfram and H. Jahn. 2,322,990; June 29.
- Condensation products and preparing same. O. Albrecht and R. Sallmann. 2,337,220; Dec. 21.
- Condensation products and preparing them, Resinous. A. Wolfram and H. Jahn. 2,317,842; Apr. 27.
- Condensation products and producing same, Acrolein-urea. K. M. Herstein. 2,307,742; Jan. 12.
- Condensation products, Formaldehyde-crotonaldehyde. W. E. Hanford and R. S. Schreiber. 2,317,456; Apr. 27.
- Condensation products of a urea, an aliphatic aldehyde, and a mono salt of a polyamine. G. F. D'Alleio. 2,334,545; Nov. 16.
- Condensation products of acetylene with dimethylol urea. J. Reppé, E. Keyssner, and O. Hecht. 2,316,653; Apr. 13.
- Condensation products of amidines with alkylene oxides. W. P. Ericks. 2,320,225; May 25.
- Condensation products of amidogen compounds, aldehydes, and keto-esters. G. F. D'Alleio. 2,325,376; July 27.
- Condensation products of aminotriazines aldehydes, and halogenated aliphatic nitriles. G. F. D'Alleio. 2,320,818; June 1.
- Condensation products of an aminotriazole, an aldehyde, and a halogenated acylated urea. G. F. D'Alleio. 2,322,303; Oct. 19.
- Condensation products of an aminotriazole, an aldehyde, and a halogenated amide. G. F. D'Alleio. 2,332,302; Oct. 19.
- Condensation products of an aminotriazole, an aldehyde, and a halogenated nitrile. G. F. D'Alleio. 2,320,820; June 1.
- Condensation products of dialyl ether sulphonic acids with formaldehyde. A. L. Fox and P. O. Bare. 2,315,951; Apr. 6.
- Condensation products of ketene, Production of. H. P. Staudinger and K. H. W. Tuerck. 2,316,465; Apr. 13.
- Condensation products of 1-aminoaryl-5-pyrazoline-4-sulphonic acid. P. Zervas. 2,315,835; Apr. 6.
- Condensation products of 1,4-naphthoquinones, Producing. O. Isler. 2,325,681; Aug. 3.
- Condensation products of the anthraquinone series. W. Heinrich and H. Engelbrecht. 2,335,412; Nov. 30.
- Condenser. See—
- Elastic fluid condenser. Electrostatic condenser.
- Electric condenser. Gas condenser.
- Electrical condenser. Variable condenser.
- Electrolytic condenser. Vernier condenser.
- Condenser. M. J. Larsen. 2,329,544; Sept. 14.
- Condenser and circuit therefor. F. D. Webster. 2,334,660; Nov. 16.
- Condenser apparatus. J. W. McNulty. 2,312,113; Feb. 24.
- Condenser boiler. L. A. Sheldon. 2,332,941; Oct. 26.
- Condenser device. H. Gönningen. 2,315,199; Mar. 30.
- Condenser gravity meter. H. M. Zenor. 2,322,681; June 22.
- Condenser integral with brush holder, Suppressor. C. B. Mirick and A. P. Green. 2,334,722; Nov. 23.
- Condenser lead in for high electric potentials. P. Kniepen. 2,328,150; Aug. 31.
- Condenser tab attaching apparatus. F. Weiss. 2,333,966; Nov. 9.
- Condenser tube cleaner. T. J. Bay. 2,313,042; Mar. 9.
- Condenser tube protector. T. J. Bay. 2,310,927; Feb. 16.
- Condenser, Variable. K. F. Rodgers. 2,312,932; Mar. 2.
- Condenser welding system. J. W. Dawson. 2,309,629; Feb. 2.
- Condenser winding machine. W. F. Frisch. 2,310,071; Feb. 2.
- Condenser winding machine. C. S. West. 2,328,520; Aug. 31.
- Condensing and distilling device. W. Ekert. 2,324,257; July 13.
- Condensing method. D. K. Dean. 2,313,052; Mar. 9.
- Condensing unit. C. P. Russell. 2,337,624; Dec. 28.
- Condiment holder. H. R. Abbon. 2,328,246; Aug. 31.
- Condition. E. D. Lija. 2,311,673; Feb. 28.
- Condition control. E. D. Lija. 2,313,079; Mar. 9.
- Condition measuring apparatus. J. W. Myers. 2,320,311; May 25.
- Condition responsive control. G. M. Hausler. 2,314,210-11; Mar. 16.
- Condition responsive instrument. C. V. Bullen. 2,332,985; Oct. 26.
- Conditioning apparatus. A. J. Wells. 2,334,232; Nov. 16.
- Conditioning apparatus, Stylus. F. L. O'Brien. 2,315,848; Mar. 30.
- Conditioning bag. H. W. St. John. 2,334,360; Nov. 16.
- Conditioning of drilling muds. B. S. Lindsey. 2,320,622; June 1.
- Conditioning or treatment of wheat prior to milling. C. R. Jones and A. G. Simpson. 2,318,999; May 11.
- Conductor: See—
- Electrical conductor.
- Conductor. C. E. Swartz. 2,311,138; Feb. 16.
- Conductor carrying means. J. E. Huguelet. 2,318,859; May 11.
- Conductor, Flexible hollow. R. Goldschmidt. 2,331,116; Oct. 5.
- Conductor, Fluid. H. S. Smith and N. E. Dickason. 2,307,427; Jan. 5.
- Conductor, Insulated electrical. H. Foster. 2,333,922; Nov. 9.
- Conductor-insulator clamp. D. C. Hubbard. 2,315,961; Apr. 6.
- Conductor-insulator clamp. W. C. Swearingen. 2,311,486; Feb. 16.
- Conductor support. T. H. Dunn. 2,327,699; Aug. 24.
- Conductor support. A. G. Scott. 2,329,138; Sept. 7.
- Conductors, Manufacture of. H. Eichinger. 2,334,697; Nov. 23.
- Conduit and coupling therefor. I. Cowles. 2,320,812; June 1.
- Conduit and coupling therefor, Metallic. I. Cowles. 2,331,829; Aug. 17.
- Conduit clamp. D. Ingalls. 2,334,706; Nov. 23.
- Conduit closure. C. P. Griffith and H. E. Marvel. 2,329,176; Sept. 14.
- Conduit closure. E. A. Nahm. 2,315,644; Apr. 6.
- Conduit construction. H. B. Holthouse. 2,322,937; June 29.
- Conduit construction, Exhaust. A. Franz. 2,310,771; Feb. 16.
- Conduit fastener. H. R. Ellinwood. 2,310,622; Feb. 9.
- Conduit fastener. H. R. Ellinwood. 2,338,031; Dec. 28.
- Conduit fitting. A. L. Parker. 2,327,449; Aug. 24.
- Conduit fitting. H. J. Brushaber and O. Prah. 2,308,641; Jan. 19.
- Conduit system. H. F. Peltz and G. H. Zieschang. 2,331,415; June 8.
- Conduit valve. A. S. Volpin. 2,317,657; Apr. 27.
- Conduit, Wood. N. T. MacKenzie and H. E. Hall. 2,336,995; Dec. 14.
- Conduits, Cooling exhaust. A. Franz. 2,312,399; Mar. 2.
- Cone, Centering. B. Castiglia. 2,334,606; Nov. 16.
- Cone clutch. H. T. Kraft. 2,316,874; Apr. 20.
- Confection sticks, Method of and apparatus for manufacturing. S. Decker. 2,308,538; Jan. 19.
- Confections, Forming coated frozen. F. Sportolari. 2,334,654; Nov. 16.
- Confections, Packaging frozen. L. D. Overland. 2,320,985; June 1.
- Conical cap for collapsible tubes. G. L. Lateur. 2,317,998; May 4.
- Conjugated poly-olefins, Production of. G. W. Hearne and G. A. Stenmark. 2,325,398; July 27.
- Connected container. H. M. Kiechhefer and S. B. Clark. 2,327,520; Aug. 24.
- Connecting and guiding means for endless tracks and the like. R. I. Schontzner, E. L. Allen and H. B. Muster. 2,330,245-6; Sept. 28.
- Connecting and guiding means for endless tracks and the like. R. I. Schontzner, E. L. Allen, and H. B. Muster. 2,330,794; Sept. 28.
- Connecting device or similar fastener, Adjustable. G. A. Finerman. 2,312,134; Feb. 23.
- Connecting means. E. A. Zebulka. 2,315,760; Apr. 6.
- Connecting rod aligner. G. M. Graham. 2,336,860; Dec. 14.
- Connecting sleeve. J. M. White. 2,318,647; May 11.
- Connection. J. Dusevoir. 2,311,434; Feb. 16.
- Connection devices, Mounting. W. C. Dittmar. 2,337,742; Dec. 28.
- Connection for drill collars, Aligning. S. Speckert. 2,320,107; May 25.
- Connection for protective devices, Transformer. E. L. Harder. 2,331,186; Oct. 5.
- Connector: See—
- Ball and socket connector. Right-angle electric connector.
- Branch box connector. Rod end connector.
- Cable connector. Separable connector.
- Ductile tubing connector. Sleeve connector.
- Electric connector. Solderless connector.
- Electric plug connector. Storage battery cable connector.
- Electrical cable connector. Telephone cord connector.
- Electrical cord connector. Terminal connector.
- Electrical locking connector. Tool installed wire connector.
- Female connector. Valved connector.
- Flexible connector. Welding rod connector.
- Hinged connector. Windshield wiper connector.
- Lead connector. Wire or rod connector.
- Map connector.
- Multiple cable connector.
- Pan line connector.
- Pressure operated tool connector.
- Connector. A. D. Blanchard. 2,322,562; June 22.
- Connector. R. D. Brewer. 2,326,327; Aug. 10.
- Connector. R. G. Graham. 2,307,216; Jan. 5.
- Connector. R. G. Graham. 2,320,777; June 1.
- Connector. A. J. Hixon. 2,336,175; Dec. 7.
- Connector. F. Klein. 2,314,884; Mar. 30.
- Connector. J. A. Messing. 2,309,972; Feb. 2.

Container. See
 Demountable freight
 container.
 Dispensing container.
 Display container.
 Display tablet container.
 Double walled container.
 Easy opening container.
 Egg container.
 Fire container.
 Fireproof shipping
 container.
 Food container.
 Fluid container.
 Fluid dispensing container.
 High pressure container.
 Illuminated message con-
 tainer.
 Invoice container.
 Lipstick container.
 Liquid dispensing
 container.
 Merchandising container.
 Metal container.
 Milk container.
 Package or container.
 Paperboard container.
 Parachute delivery con-
 tainer.
 Photographic film con-
 tainer.
 Portable container.
 A. R. Abrahamson. 2,316,381-5; Apr. 13.
 O. R. Angus. 2,307,559; Jan. 5.
 C. Barbieri. 2,334,505; Nov. 23.
 J. G. Bell. 2,336,155; Dec. 7.
 E. W. Bonfield. 2,315,105; Mar. 30.
 K. T. Buttery. 2,319,074; May 25.
 H. Buttner. 2,316,186; Mar. 30.
 R. C. Carlson. 2,311,391; Feb. 16.
 R. C. Carlson. 2,336,155; Dec. 7.
 J. Cereghino. 2,324,484; July 20.
 A. J. Chamberlain. 2,335,260; Nov. 30.
 A. J. Chamberlain. 2,335,647; Nov. 30.
 F. D. Chapman. 2,337,869; Dec. 28.
 J. W. Chase. 2,323,447; July 6.
 W. A. Clanon. 2,332,205; Oct. 19.
 D. X. Clarin. 2,323,795; July 6.
 H. F. Cox, Jr., and J. Felber. 2,321,011;
 June 8.
 C. H. Dahlgren. 2,307,028; Jan. 5.
 H. A. Eggers. 2,307,923; Jan. 12.
 H. A. Eggers. 2,326,200; Aug. 10.
 L. Ehrenfeld. 2,310,408; Feb. 9.
 R. W. Edison. 2,326,771; Aug. 17.
 G. C. Erb. 2,318,603; May 11.
 G. C. Erb. 2,324,499-500; July 20.
 G. C. Erb. 2,326,129; Aug. 10.
 G. C. Erb. 2,335,268; Nov. 30.
 J. Esterow and A. Klein. 2,323,125; June
 20.
 C. W. Evert and A. W. Werner. 2,311,040;
 Feb. 16.
 F. A. Fink. 2,327,411; Aug. 24.
 E. C. Foley. 2,330,878; Oct. 5.
 D. J. Freeman. 2,313,059; Mar. 9.
 J. S. French. 2,311,333; Feb. 16.
 N. Geertsen. 2,323,904; July 13.
 N. Geertsen. 2,334,759; Nov. 23.
 N. Geertsen. 2,335,270; Nov. 30.
 J. D. Gerahy. 2,334,817; Nov. 23.
 C. H. Goodyear and B. P. Altick. 2,336,088;
 Dec. 7.
 D. E. Graham. 2,310,420; Feb. 9.
 C. B. Graves and R. H. Busch. 2,314,338;
 Mar. 23.
 C. J. R. Hammarstrom. 2,317,269; Apr.
 20.
 J. Haycock. 2,337,656; Dec. 28.
 L. O. Hill and L. W. Short. 2,315,425;
 Mar. 30.
 B. McE. Hines. 2,318,778; May 11.
 J. M. Hothersall. 2,307,043; Jan. 5.
 J. M. Hothersall. 2,317,381; Apr. 27.
 J. M. Hothersall. 2,321,601; June 15.
 J. M. Hothersall. 2,325,857; Dec. 7.
 L. H. Jones. 2,308,178; Jan. 12.
 A. B. Kner. 2,333,798; Nov. 9.
 F. W. Lanigan. 2,329,628; Sept. 14.
 J. P. H. Leavitt and E. W. Wells. 2,330,294;
 Sept. 28.
 S. C. Lomax and H. Knightson. 2,328,084;
 Aug. 31.
 H. E. Knaust. 2,317,067; Apr. 20.
 C. E. McManus. 2,308,530; Jan. 19.
 C. E. McManus and A. and E. A. Calleson.
 2,337,616; Dec. 28.
 J. B. Meek. 2,327,656; Aug. 24.
 H. J. Messier. 2,322,535; June 22.
 F. L. Moore. 2,320,006; May 25.
 G. A. Moore. 2,322,654; June 22.
 R. Nyden. 2,315,787; Apr. 6.
 R. Nyden. 2,332,524; Oct. 26.
 R. Nyden. 2,333,117; Nov. 2.
 Powder container.
 Pressure container.
 Refrigerant container.
 Refuse collecting container.
 Refuse container.
 Safety razor container.
 Self-heating food con-
 tainer.
 Self-reinforcing paper con-
 tainer.
 Sheet metal tamperproof
 container.
 Sheet-metal container.
 Shipping container.
 Shipping and display con-
 tainer.
 Shoe container.
 Tin can container.
 Tissue container.
 Transparent unbreakable
 nonrefillable container.
 Tray display and contain-
 er.
 Tubular container.
 Two compartment con-
 tainer.
 Vanity case and like con-
 tainer.
 Waste container.
 Waterproof container.

- Container. J. G. O'Neil and L. G. Zesbaugh. 2,330,840; Oct. 5.
- Container. S. Platt. 2,326,390; Aug. 10.
- Container. C. G. Preis. 2,321,042; June 8.
- Container. D. Ray. 2,314,631; Mar. 23.
- Container. G. W. Reese. 2,331,346; Oct. 12.
- Container. W. A. Rehfeld and M. K. Naylor. 2,315,094; Mar. 30.
- Container. J. Reichel. 2,324,237; July 13.
- Container. H. F. Rigerman. 2,321,857; June 15.
- Container. S. Rosen. 2,337,416; Dec. 21.
- Container. A. Rous. 2,330,926; Oct. 5.
- Container. H. E. Rue. 2,315,014; Mar. 30.
- Container. R. M. Schlachach. 2,324,032; July 13.
- Container. H. A. Scott. 2,334,041; Nov. 9.
- Container. H. Sebbl. 2,321,946; June 15.
- Container. H. Sebbl. 2,325,922; Aug. 3.
- Container. H. Sebbl. 2,337,687; Dec. 28.
- Container. R. H. Seymer. 2,321,050; June 8.
- Container. C. B. Sprague. 2,312,598; Mar. 2.
- Container. J. A. Stewart. 2,311,001; Feb. 16.
- Container. J. S. Stokes. 2,330,015; Sept. 21.
- Container. J. S. Stokes. 2,330,016; Sept. 21.
- Container. A. J. Tanner. 2,308,128; Jan. 12.
- Container. R. C. Taylor. 2,309,144; Jan. 26.
- Container. R. C. Taylor. 2,313,783; Mar. 16.
- Container. R. C. Taylor. 2,315,563; Apr. 6.
- Container. R. C. Taylor. 2,332,539; Oct. 26.
- Container. W. E. Taylor. 2,317,420; Apr. 27.
- Container. E. O. Then. 2,313,784; Mar. 16.
- Container. H. D. Thenn. 2,315,084; July 27.
- Container. A. J. Todd. 2,328,367; Aug. 31.
- Container. H. D. Tompkins. 2,310,818; Feb. 9.
- Container. W. L. Ullrich. 2,320,764; June 1.
- Container. J. C. Van Cleaf. 2,330,093; Sept. 21.
- Container. J. D. Van Geem. 2,312,202; Feb. 23.
- Container. N. P. Van Wingen. 2,310,136; Feb. 2.
- Container. C. W. Vogt and E. E. Lakso. 2,307,902; Jan. 12.
- Container. H. F. Waters. 2,316,919; Apr. 20.
- Container. M. Welsenberg. 2,329,367; Sept. 14.
- Container. E. W. Wells. 2,321,556; June 8.
- Container. R. J. White. 2,307,087; Jan. 5.
- Container. I. L. Wilcox. 2,336,763; Dec. 14.
- Container. R. B. Worthington. 2,320,840; June 1.
- Container. P. Zalkind. 2,318,655; May 11.
- Container. G. P. Ziehmer, Jr. 2,310,271; Feb. 9.
- Container and cap remover, Combination. G. C. Deane. 2,322,843; June 29.
- Container and carrier for bottle goods. J. O'Reilly. 2,335,022; Nov. 23.
- Container and closure structure. W. H. Robinson. 2,337,622; Dec. 28.
- Container and dispenser, Combination. E. F. Shelton. 2,335,363; Nov. 30.
- Container and dispenser, Combination. L. A. Trevisan. 2,312,373; Mar. 2.
- Container and dispensing closure therefor. S. C. Waite. 2,334,851; Nov. 23.
- Container and end closure thereof. J. Haycock. 2,324,387; July 13.
- Container and its manufacture. W. H. Moss. 2,332,589; Oct. 26.
- Container and manufacture. G. A. Moore. 2,333,330; Nov. 2.
- Container and operating the same. Egg. S. H. Smith, S. K. Kalber, and C. M. Smith. 2,319,091; May 11.
- Container and package. Disc record. B. A. Proctor. 2,332,598; Oct. 26.
- Container and parts therefor. P. Zalkind. 2,319,283; May 18.
- Container and producing it, Collapsible. L. B. Pierce. 2,330,311; Sept. 28.
- Container and wrapper for articles of manufacture and commerce. R. D. Look. 2,308,527; Jan. 19.
- Container assembly. T. Shaw. 2,320,383; June 1.
- Container blank, Paper. I. L. Wilcox. 2,335,202; Nov. 23.
- Container body feeding means. O. A. Schmitt. 2,332,672; Oct. 26.
- Container car. E. R. Schroeder and V. Willoughby. 2,337,131; Dec. 21.
- Container carrier. A. Flamm. 2,330,699; Sept. 28.
- Container closure. S. A. Bennett. 2,323,443; July 6.
- Container closure. J. W. Reynolds and W. M. Kutz. 2,331,728; Oct. 12.
- Container closure. A. C. Swanson. 2,308,217; Jan. 12.
- Container closure and carrier. J. C. Morris and P. J. Yarman. 2,318,957; May 11.
- Container closure construction. C. T. Draper. 2,337,456; Dec. 21.
- Container closure forming blank and producing the same. 2,332,101; Oct. 19.
- Container closure, Threaded. R. Fingold. 2,313,816; Mar. 16.
- Container closures, Making. R. W. Compo. 2,337,452; Dec. 21.
- Container construction. E. H. Wittenberg. 2,331,449; Oct. 12.
- Container cover applying machine. A. F. Pitro. 2,325,978; Aug. 3.
- Container-drawer stop and aligning means. P. Zalkind. 2,337,079; Dec. 21.
- Container filling device and method. R. V. Burt and N. Macneale. 2,315,932; Apr. 6.
- Container filling machine. J. Kantor. 2,334,933; Nov. 23.
- Container filling machine. L. W. Waters. 2,325,816; Aug. 3.
- Container filling mechanism. I. N. Jordan. 2,334,559; Nov. 16.
- Container for and dispensing parenteral solutions. F. G. McGaw. 2,328,569; Sept. 7.
- Container for assemblies to be bonded. R. L. Beasecker. 2,307,985; Jan. 12.
- Container for bakery products. H. F. Waters. 2,324,048; July 13.
- Container for beverages, Metal. W. F. Punte. 2,312,358; Mar. 2.
- Container for bombs. J. W. Moseman. 2,327,365; Aug. 24.
- Container for commodities. J. Y. Robertson. 2,334,035; Nov. 9.
- Container for cut flowers, Display and shipping. C. H. Ballard, A. N. Banter and S. E. Hays. 2,309,742; Feb. 2.
- Container for face powder. J. Tremolieres. 2,307,643; Jan. 5.
- Container for food and cover therefor. D. E. Smith. 2,335,198; Nov. 23.
- Container for lunch kits. W. W. and R. C. Gonder. 2,324,381; July 13.
- Container for molten glass. P. G. Willets. 2,323,265; June 29.
- Container for phonograph needles and the like. C. Franstiel. 2,313,766; Mar. 16.
- Container for pictures and the like. F. R. Fuller. 2,323,532; July 6.
- Container for projectile fuses. S. C. Abbott. 2,308,480-1; Jan. 19.
- Container for the storage of solutions of peroxigen compounds. J. S. Reichert and S. A. McNeight. 2,316,487; Apr. 13.
- Container for vacuum cleaners. H. E. Dodd. 2,313,423; Mar. 9.
- Container handling apparatus. H. E. Gantzer. 2,332,791; Oct. 26.
- Container having retarding means. G. Frazer. 2,324,146; July 13.
- Container holder. L. G. Shurmur. 2,325,712; Aug. 3.
- Container holding mechanism. S. J. Gallione. 2,315,196; Mar. 30.
- Container inspecting apparatus. R. J. Swezey. 2,321,331; June 8.
- Container made of paper. A. Boothby. 2,337,865; Dec. 28.
- Container-making machine. A. A. Abramson and C. Manthey. 2,319,099; May 11.
- Container opening device. G. C. Erb. 2,311,651; Feb. 23.
- Container sealing. J. P. Kavanaugh. 2,317,773; Apr. 27.
- Container-tab marking machine. J. M. Hothersall and A. E. Almgren. 2,320,361; June 1.
- Container top. H. Fulewider and K. C. Weatherby. 2,312,637; Mar. 2.
- Container wall. W. O. Manor. 2,333,023; Oct. 26.
- Container-wall connection and track. P. Zalkind. 2,323,957; July 13.
- Container with closure locking band. W. F. Punte. 2,327,456; Aug. 24.
- Container with dispensing closure arrangement. W. F. Straub. 2,320,485; June 1.
- Container with heated bottom, Insulated. J. O. Jackson. 2,332,227; Oct. 19.
- Container with heating means. H. A. Fink. 2,327,412; Aug. 24.
- Container with opener. W. F. Punte. 2,333,886; Nov. 9.
- Containers, Assembling prefabricated. J. E. Page. 2,337,125; Dec. 21.
- Containers, Drying of hollow. E. R. Alling and C. F. Ulrich. 2,313,040; Mar. 9.
- Containers, Filling. E. W. Bleam and H. Grotewold. 2,333,232; Nov. 2.
- Containers, Machine for and method of filling. D. M. McBean. 2,315,865; Apr. 6.
- Containers, Making. C. W. Vogt. 2,335,978; Dec. 7.
- Containers, Manufacture of threaded. F. A. Parkhurst. 2,313,031; Mar. 2.
- Containers, Method and apparatus for stitching wool bales and like fabric. V. Zeckendorf. 2,335,375; Nov. 30.
- Containers, Method and apparatus for treating fibrous. H. A. Bergstrom. 2,311,309; Feb. 16.
- Containers, Sealing. H. G. Allen. 2,310,382; Feb. 9.
- Containers, Sealing. J. M. Hothersall. 2,319,234; May 18.
- Containers, System for filling. E. W. Bleam. 2,330,862; Oct. 5.
- Continuous action centrifugal separator. F. G. Sanchez. 2,335,794; Nov. 30.
- Continuous bar mill. R. G. Le Tourneau. 2,336,621; Dec. 14.
- Continuous filter. A. H. Schutte. 2,325,635; Aug. 3.
- Continuous filter. A. H. Schutte. 2,326,071; Aug. 3.
- Continuous mixer. W. A. Chilson. 2,316,769; Apr. 20.

- Continuous mud weight indicator. H. N. Marsh. 2,313,412; Feb. 16.
- Continuous parts-heating furnace. R. G. Le Tourneau. 2,318,870; May 11.
- Continuous reort. Mct. Cline. 2,310,215; Feb. 9.
- Continuous service expansion joint. R. Hall. 2,319,543; May 18.
- Continuous structures. Production of. D. R. Hull. 2,324,397; July 13.
- Continuous thickness gauge. S. B. Terry and R. S. Fox. 2,305,033; Jan. 12.
- Continuous vacuum filter. F. J. Stampfel. 2,314,116; Mar. 16.
- Continuously variable gear. H. F. Liebrecht. 2,312,105; Feb. 23.
- Contour exploring instrument. P. W. Crist. 2,335,390; Nov. 30.
- Contour forming apparatus. W. C. Harper. 2,321,383; June 8.
- Contour grinder tool. F. L. Le Bus. 2,308,482; Jan. 12.
- Contour grinding machine. C. J. Clark. 2,333,985; Nov. 9.
- Contour scriber. L. F. Williams. 2,316,483; Apr. 13.
- Contouring machine. D. H. Duffy. 2,311,216; Feb. 16.
- Contouring machine. D. H. Duffy. 2,323,577; July 6.
- Contracting machine. F. H. Wate. 2,321,627; June 15.
- Contraction band. B. Robinson. 2,324,538; July 20.
- Control and indicating means. Shutter. M. Annick. 2,307,479; Jan. 5.
- Control apparatus. H. S. Ackerman. 2,327,690; Aug. 24.
- Control apparatus. C. C. Busenkell. 2,332,432; Oct. 19.
- Control apparatus. L. Cook. 2,319,114; May 11.
- Control apparatus. J. W. Dawson. Re. 2,314; May 18.
- Control apparatus. J. W. Dawson. 2,315,602; Apr. 6.
- Control apparatus. R. E. Di Vette. 2,333,848; Nov. 9.
- Control apparatus. R. E. Di Vette. 2,334,910; Nov. 23.
- Control apparatus. A. W. Fisher. 2,332,243; Oct. 19.
- Control apparatus. J. M. Fluke. 2,307,580; Jan. 5.
- Control apparatus. W. H. Gilie. J. Sigford, and L. H. Miller. 2,331,183; Oct. 5.
- Control apparatus. R. Gillis. 2,318,479; May 4.
- Control apparatus. T. R. Harrison. 2,312,711; Mar. 2.
- Control apparatus. T. R. Harrison. 2,316,240; Apr. 13.
- Control apparatus. P. Haymond. 2,316,066; Apr. 6.
- Control apparatus. B. R. Henderson. 2,328,340; Aug. 31.
- Control apparatus. H. S. Jones. 2,313,943; Mar. 16.
- Control apparatus. E. A. Koeler. 2,326,465; Aug. 10.
- Control apparatus. J. P. Kriebbaum. 2,316,003; Apr. 6.
- Control apparatus. C. G. Kronmiller and W. E. Edel. 2,315,212; Mar. 30.
- Control apparatus. H. K. Kucera. 2,333,319; Nov. 2.
- Control apparatus. W. S. Landon and P. S. Russel. 2,337,476; Dec. 21.
- Control apparatus. R. P. Lowe. 2,322,374; June 22.
- Control apparatus. G. P. Marey. 2,331,408; Oct. 12.
- Control apparatus. R. B. McKinnis. 2,321,111; Feb. 23.
- Control apparatus. C. B. Moore. 2,307,229; Jan. 5.
- Control apparatus. F. O. Neal, Jr. 2,311,462; Feb. 16.
- Control apparatus. A. B. Newton. 2,320,881; June 1.
- Control apparatus. A. S. Peterson. 2,314,421; Mar. 23.
- Control apparatus. A. W. Plensler. 2,319,475; May 18.
- Control apparatus. E. C. Raney. 2,316,286; Apr. 13.
- Control apparatus. E. C. Raney. 2,318,553; May 4.
- Control apparatus. E. C. Raney. 2,333,819; Nov. 9.
- Control apparatus. E. D. Raney. 2,337,926; Dec. 28.
- Control apparatus. A. L. Riche. 2,313,969; Mar. 16.
- Control apparatus. H. T. Seeley. 2,311,474; Feb. 16.
- Control apparatus. E. N. Strommer. 2,332,947; Oct. 26.
- Control apparatus. R. L. Wilson. 2,320,869; June 1.
- Control apparatus. R. L. Wilson. 2,335,984; Dec. 7.
- Control apparatus. H. S. Young. 2,315,032; Mar. 30.
- Control apparatus for aircraft. C. Dornier. 2,315,110; Mar. 30.
- Control apparatus for aircraft, Automatic. F. W. Meredith. 2,307,941; Jan. 12.
- Control apparatus, Gun fire. M. Menecier. 2,317,238; Apr. 20.
- Control apparatus, Picture centering. A. N. Goldsmith. 2,307,212; Jan. 5.
- Control apparatus, Rotary positioning. E. W. Paessler. 2,334,724; Nov. 23.
- Control arrangement for induction clutches. Speed. E. F. W. Alexanderson. 2,333,458; Nov. 2.
- Control arrangement for signal devices. A. M. Schmidt. 2,322,162; Jan. 15.
- Control. Bedclothes. A. C. King. 2,321,394; June 8.
- Control cable system with improved compensating means. J. M. Pitts. 2,323,352; July 6.
- Control circuit. H. M. Hugs. 2,313,440; Mar. 9.
- Control circuit. O. A. Pearson. 2,309,711; Feb. 2.
- Control circuits, Remote. W. R. Smith. 2,331,003; Oct. 5.
- Control, Combustion. F. H. Loftus. 2,317,927; Apr. 27.
- Control, Coordinate. R. S. Buck. 2,336,844; Dec. 14.
- Control coordinator, Flight. T. C. Barber. 2,336,711; Dec. 14.
- Control device. F. B. Aubert. 2,310,504; Feb. 9.
- Control device. A. N. Ayers. 2,327,159; Aug. 17.
- Control device. E. H. Ayers. 2,314,191; Mar. 16.
- Control device. E. H. Ayers. 2,315,918; Apr. 6.
- Control device. J. D. Bolesky. 2,327,336; Aug. 24.
- Control device. J. E. and J. B. Brosseau. 2,320,347; June 1.
- Control device. E. E. Collison. 2,324,009; July 20.
- Control device. E. E. Collison and P. U. Lannard. 2,324,908; July 20.
- Control device. O. P. Crouse. 2,319,041; May 11.
- Control device. G. R. Edleson. 2,319,773; May 18.
- Control device. G. R. Edleson. 2,337,982; Dec. 28.
- Control device. H. C. Grant, Jr. 2,333,100; Nov. 2.
- Control device. E. E. Hewatt. 2,322,922; June 13.
- Control device. C. G. Kronmiller. 2,324,164; July 13.
- Control device. H. E. Malone. 2,312,349; Mar. 2.
- Control device. H. E. Malone. 2,315,533; Apr. 6.
- Control device. H. L. Newell. 2,316,612; Apr. 13.
- Control device. A. B. Newton. 2,327,208; Aug. 17.
- Control device. J. W. Owens. 2,314,240; Mar. 16.
- Control device. E. C. Raney. 2,318,554; May 4.
- Control device. W. A. Ray. 2,321,852; June 15.
- Control device. E. W. Rickmeyer. 2,307,731; Jan. 5.
- Control device. E. W. Rickmeyer and M. B. Grout. 2,332,471; Oct. 19.
- Control device. C. F. Robbins and E. W. Seeger. 2,318,888; Nov. 9.
- Control device. J. J. Rothwell. 2,316,626; Apr. 13.
- Control device. E. R. Stahl and W. T. Stearn. 2,335,975; Dec. 7.
- Control device. R. Stortz. 2,312,274; Feb. 23.
- Control device. L. A. Taylor. 2,311,291; Mar. 16.
- Control device. W. A. V. Thomsen. 2,333,130; Nov. 2.
- Control device. C. Wantz. 2,307,870-1; Nov. 2.
- Control device. A. Whittington. 2,310,562; Feb. 9.
- Control device, Condition responsive. H. P. Peterson. 2,320,535; June 1.
- Control device, Fluid flow. J. D. Nixon. 2,323,839; July 6.
- Control device for burner nozzles. O. C. Taper and J. E. Frost. 2,324,120; July 13.
- Control device, electric motors. C. J. Werner. 2,333,906; Nov. 9.
- Control device for fluorescent lamps. A. M. Cohen. 2,318,057; May 4.
- Control device for motor driven vehicles. Throttle. T. S. Oliver. 2,318,931; May 11.
- Control device for oil coolers. A. L. Hannon. 2,314,937; Mar. 30.
- Control device for scavenged, ignition-type engines. A. Blüch. 2,325,032; July 27.
- Control device for sequential operation of service valves. F. Hauser. 2,311,108; Feb. 16.
- Control device for steam locomotives. F. M. A. A. Walckenaer. 2,307,437; Jan. 5.
- Control device, Manual. J. F. Sladky. 2,314,021; Mar. 16.
- Control device, Multiple coin. B. E. Mills. 2,333,665; Nov. 9.
- Control device, Operative fluid delivery. M. Mennesson. 2,313,002; Mar. 2.
- Control device, Photoelectric. W. S. Tandler and D. S. Warner. 2,336,335; Dec. 7.
- Control device, Stenocock. R. W. Stenzel and J. G. Suthard. 2,320,482; June 1.
- Control device, Throttle. E. F. Pierce. 2,336,800; Dec. 11.
- Control, Distortion. B. Sheffield. 2,323,626; July 6.
- Control element. H. Harvey. 2,333,248; Nov. 2.
- Control element for statistical machines. M. Maul. 2,308,928; Jan. 19.
- Control equipment for prime mover driven synchronous generators. H. Bany. 2,332,836; Oct. 26.
- Control equipment for prime mover electric generating plants. H. T. Seeley. 2,311,470; Feb. 16.
- Control for air conditioned passenger vehicles, Refrigeration. M. E. Hanson. 2,319,130; May 11.
- Control for aircraft, Lateral. F. M. Rogallo. 2,322,745; June 29.
- Control for book-sewing machines. W. B. Hildmann. 2,334,265; Nov. 16.
- Control for bottom filling of containers. R. B. McKinnis. 2,318,075; May 11.
- Control for clamps. D. H. Cravener, Jr. 2,328,262; Aug. 31.
- Control for dispensing devices. W. D. Sangster and J. T. Binder. 2,323,681; July 6.
- Control for electric hoists. C. J. Manney. 2,332,390; Oct. 19.
- Control for electric seismographs, Master. E. J. Shimek. 2,317,334; Apr. 20.
- Control for engine generator units, Constant load. J. J. Stamm. 2,311,285; Feb. 16.
- Control for fluid transmissions, Automatic. H. W. Addison, Jr. 2,318,187; May 4.
- Control for fuel supplies. S. M. Udale. 2,316,300; Apr. 13.
- Control for hydrodynamic machines. E. Wiedmann. 2,324,750; July 20.
- Control for knitting machines, Pattern. I. H. C. Green. 2,317,268; Apr. 20.
- Control for liquid dispensing apparatus, Air separator. A. L. Grise. 2,330,703; Sept. 28.
- Control for mechanical draft cooling towers, Blower. D. B. Devey and G. W. Meyer. 2,316,940; Apr. 20.

- Control for motor cars, Hood. A. Claud-Mantle. 2,333,465-7; Nov. 2.
- Control for moving picture cameras, Remote. J. C. Barr. 2,333,972; Nov. 9.
- Control for power driven mechanisms, R. E. Lamberton. 2,334,207; Nov. 16.
- Control for power operated machines, Safety. W. F. Gayring. 2,331,023; Oct. 5.
- Control for presses, Two hand. E. Davis. 2,323,457; July 6.
- Control for pressure pumps, Automatic. E. Higgins. 2,335,422; Nov. 2.
- Control for record supporting means. G. Ramsey. 2,332,011; Oct. 19.
- Control for record supporting means. J. W. Welker. 2,332,033; Oct. 19.
- Control for run-out tables of reversing mills. H. Wickler and H. Heymann. 2,322,080; June 15.
- Control for slab squeezers, Hold-down. W. R. Gardner and M. V. Hamilton. 2,325,389; July 27.
- Control for target boats or other vehicles. G. V. Holloman, C. L. Paulus, and R. K. Stout. 2,307,781; Jan. 12.
- Control for ticket printing and issuing machines. T. A. Keene and J. Kilburg. 2,317,147; Apr. 20.
- Control for trail builders. L. O. Bird and E. P. Drake. 2,314,475; Mar. 23.
- Control for variable pitch propellers. H. Reissner. 2,326,308; Aug. 10.
- Control for washing machines. J. R. Hurley and J. P. Beattie. 2,311,545; Feb. 16.
- Control, Gate operating. T. A. Burdick. 2,317,175; Apr. 20.
- Control head. H. C. Grant Jr. 2,326,138; Aug. 10.
- Control head packer. R. E. Fulkerson. 2,323,989; July 13.
- Control instrument. R. L. Mallory. 2,314,152; Mar. 16.
- Control lever. D. L. Putt. 2,313,768; Mar. 16.
- Control machine for switch and signal control systems. J. F. Merkel. 2,317,472; Apr. 27.
- Control means. G. I. Holmes. 2,324,161; July 13.
- Control means. V. G. Vaughan and J. D. Bolesky. 2,322,675; June 22.
- Control means. J. O. Yeida. 2,333,066; Oct. 26.
- Control means and system of control for heating devices. E. A. Jones. 2,328,280; Aug. 31.
- Control means, automatic filling. C. L. Keller. 2,321,089; June 8.
- Control means for agricultural implements. S. E. Hilblom. 2,314,216; Mar. 16.
- Control means for agricultural implements. S. E. Hilblom. 2,332,719; Oct. 26.
- Control means for heating devices. E. A. Jones. 2,318,228; May 4.
- Control means for heating devices, Automatic. E. A. Jones. 2,328,279; Aug. 31.
- Control means for prime mover driven generators. F. W. Gay. 2,316,513; Apr. 13.
- Control means for radio apparatus. P. F. Rice. 2,316,365; Apr. 13.
- Control means for rudders and the flaps thereon. H. Roos, J. Dörr, and W. T. Koch. 2,325,548; July 27.
- Control means for synchronous dynamo-electric machines. E. Fell. 2,323,485; July 6.
- Control means for X-ray tubes. K. Hefel. 2,319,322; May 18.
- Control means, Tone. W. S. Bachman. 2,322,558; June 22.
- Control means, Wheel slip. J. C. McCune. 2,332,584; Oct. 26.
- Control mechanism. C. A. Arens. 2,324,475; July 20.
- Control mechanism. T. M. Ball. 2,334,857; Nov. 23.
- Control mechanism. R. J. Bush and W. H. Glass. 2,329,742; Sept. 21.
- Control mechanism. R. R. Campbell. 2,309,749; Feb. 2.
- Control mechanism. W. C. Eddy. 2,328,628; Sept. 7.
- Control mechanism. H. E. Edwards. 2,325,208; Aug. 10.
- Control mechanism. W. R. Gerry. 2,325,671; Aug. 3.
- Control mechanism. E. A. Hubley. 2,327,898; Aug. 24.
- Control mechanism. J. O. Ihm. 2,311,394; Feb. 16.
- Control mechanism. R. M. Hvid. 2,334,328; Nov. 16.
- Control mechanism. H. E. Malone and A. F. Geisel. 2,330,832; Oct. 5.
- Control mechanism. A. Newman. 2,323,411; July 6.
- Control mechanism. C. Norton. 2,330,443; Sept. 28.
- Control mechanism. W. Pechy. 2,323,351; July 6.
- Control mechanism. F. J. Sigmund and W. S. Hlavin. 2,326,804; Aug. 17.
- Control mechanism, Automatic program. W. N. Bodkin. 2,318,048; May 4.
- Control mechanism, Chip. R. L. Wilcox. 2,317,320; Apr. 20.
- Control mechanism, Drive. J. S. Wearn. 2,321,960; June 15.
- Control mechanism for centrifugal machines. W. Buddenberg. 2,331,059; Oct. 19.
- Control mechanism for fluid-actuated devices. C. W. Mott. 2,332,740; Oct. 26.
- Control mechanism for liquid coating apparatus. C. L. Martin. 2,333,543; Nov. 2.
- Control mechanism for locomotive sanders. G. S. Turner. 2,333,060; Oct. 26.
- Control mechanism for metal working machines. E. A. Doyle, E. Meincke, and A. M. Keller. 2,323,979; July 13.
- Control mechanism for motor driven fluid measuring apparatus. J. Loder. 2,311,905; Feb. 23.
- Control mechanism for motor vehicles. G. E. Porter. 2,318,258; May 4.
- Control mechanism for pressing machines. O. H. Pearson. 2,332,830; Oct. 26.
- Control mechanism for radio apparatus, Automatic. M. J. Groenenberg, W. H. van der Mey, and J. A. van Lammeren. 2,312,035; Feb. 23.
- Control mechanism for shutters. R. R. Dubour and L. G. Brown. 2,311,300; Feb. 16.
- Control mechanism for straddle trucks, Shoe. H. N. Dimick. 2,316,938; Apr. 20.
- Control mechanism for variable speed mechanism. H. C. Clay. 2,332,988; Oct. 26.
- Control mechanism, Hydraulic. T. Brown and F. T. Colet. 2,313,516; Feb. 16.
- Control mechanism, Motor vehicle. S. Myerson. 2,317,935; Apr. 27.
- Control mechanism, Propeller. J. H. Hammond, Jr. 2,321,025-6; June 8.
- Control mechanism, Recoil-operated machine gun fire. S. Yanovsky. 2,319,839; May 25.
- Control mechanism, Selective. R. G. Allen. 2,336,830; Dec. 14.
- Control mechanism, Tension. T. N. Carter. 2,331,765; Oct. 12.
- Control mechanism, Vehicle. C. D. Palmer and W. N. Lowe. 2,321,614; June 15.
- Control mechanism, Window sash. E. F. Wiley. 2,330,535; Sept. 28.
- Control method and apparatus. H. A. Rickett. 2,323,876; July 6.
- Control of automatic voltage regulators. E. D. T. Norris. 2,316,707; Apr. 13.
- Control of fluid compressor systems. A. G. Kershaw and A. W. Simmons. 2,330,364; Sept. 28.
- Control of fuel feeding device. A. E. Baak. 2,326,002; Aug. 3.
- Control of fuel injection engines. A. F. Sanders. 2,326,888; Aug. 17.
- Control of induction process in blueprint papers. C. A. Crowley and G. H. Goodyear. 2,323,798-9; July 6.
- Control of power actuated machinery. H. H. Brownlee. 2,313,917; Mar. 16.
- Control of temperatures in regeneration of catalysts. C. E. Henninger and C. W. Tyson. 2,321,294; June 8.
- Control of two or more concomitant devices. J. Mercier. 2,312,432; Mar. 2.
- Control shafts to pre-selected angular positions, Turning. L. R. J. Leishman. 2,325,864; Aug. 3.
- Control station. E. J. Panish. 2,326,796; Aug. 17.
- Control station, Push button. W. A. De Smidt, G. O. Wilms, and W. F. Steenweg. 2,307,258; Jan. 5.
- Control stick for aircraft. J. Skulsky. 2,317,818; Apr. 27.
- Control strip composing machine. H. D. Colman. 2,324,280; July 13.
- Control structure. B. E. Shaw. 2,308,312; Jan. 12.
- Control structure. B. E. Shaw. 2,311,478; Feb. 16.
- Control switch for convertible tops. L. M. Baker. 2,309,928; Feb. 2.
- Control system. B. O. Austin. 2,318,043; May 4.
- Control system. C. W. Baird. 2,322,218; June 22.
- Control system. J. L. Barker. 2,311,359-60; Feb. 16.
- Control system. K. K. Bowman. 2,333,978; Nov. 9.
- Control system. G. M. Brown and C. M. Campbell. 2,334,537; Nov. 16.
- Control system. W. G. Cook. 2,320,850; June 1.
- Control system. E. T. Davis. 2,325,232; July 27.
- Control system. W. A. Derr. 2,314,692; Mar. 23.
- Control system. J. A. Deubel and W. R. Miller. 2,326,767; Aug. 17.
- Control system. P. S. Dickey. 2,335,655; Nov. 30.
- Control system. M. A. Edwards and D. R. Shoults. 2,325,381; July 27.
- Control system. W. Ernst. 2,317,524; Apr. 27.
- Control system. S. C. Ewing and F. H. Winter. 2,313,528; Mar. 9.
- Control system. T. R. Harrison. 2,310,027; Feb. 2.
- Control system. F. E. Hill and F. G. da Roza. 2,315,958; Apr. 6.
- Control system. G. J. Hughes. 2,323,997; July 13.
- Control system. C. B. Huston. 2,329,538; Sept. 14.
- Control system. C. T. Jacobs. 2,329,119; Sept. 7.
- Control system. P. Juchter. 2,331,697; Oct. 12.
- Control system. R. D. Junkins. 2,323,180; June 29.
- Control system. R. D. Junkins. 2,324,513; July 20.
- Control system. R. D. Junkins. 2,337,851; Dec. 28.
- Control system. R. D. Junkins, J. D. Ryder, and J. F. Luhrs. 2,315,527; Apr. 6.
- Control system. W. O. Lum. 2,333,432; Nov. 2.
- Control system. E. E. Lynch. 2,335,071; Nov. 23.
- Control system. V. A. McGovern and E. R. Gruchow. 2,324,940; July 20.
- Control system. W. L. McGrath. 2,329,636; Sept. 14.
- Control system. J. H. Michael. 2,333,616; Nov. 2.
- Control system. W. R. Miller. 2,312,353; Mar. 2.
- Control system. E. E. Moyer and O. W. Livingston. 2,312,116; Feb. 23.

- Control system. E. E. Moyer, O. W. Livingston and H. H. Leigh. 2,312,117; Feb. 23.
- Control system. J. M. Newman. Re. 22,324; May 25.
- Control system. J. M. Newman. 2,308,709; Jan. 19.
- Control system. T. F. Parkinson. 2,308,301; Jan. 12.
- Control system. E. C. Roney. 2,316,619; Apr. 13.
- Control system. W. A. Ray. 2,312,479; Mar. 2.
- Control system. W. A. Ray. 2,317,610; Apr. 27.
- Control system. W. A. Ray. 2,331,502; Oct. 12.
- Control system. M. E. Reagan. 2,329,083; Sept. 7.
- Control system. M. E. Reagan. 2,331,229; Oct. 5.
- Control system. W. J. Seerast. 2,324,987; July 20.
- Control system. B. D. Shaw. 2,314,019; Mar. 16.
- Control system. D. R. Shoults and A. P. Mansfield. 2,310,713; Feb. 9.
- Control system. D. R. Shoults and F. E. Crever. 2,320,833; June 1.
- Control system. W. P. Simpson and C. E. Stewart. 2,325,432; July 27.
- Control system. J. F. Tritle. 2,323,737; July 6.
- Control system. S. F. Weybrew. 2,331,257; Oct. 5.
- Control system. T. L. Weybrew. 2,331,256; Oct. 5.
- Control system. F. H. Winter. 2,330,101; Sept. 21.
- Control system and device. H. S. Ogden and R. C. Alley. 2,314,239; Mar. 16.
- Control system and method. T. B. Montgomery. 2,315,869; Apr. 6.
- Control system and procedure. Proportional. J. R. MacKay. 2,336,994; Dec. 14.
- Control system, Anti-knock. H. M. Trimble and R. R. Couch. 2,315,882; Apr. 6.
- Control system, Automatic amplitude. H. Hoover, Jr. 2,307,790; Jan. 12.
- Control system, Automatic gain. R. L. Hollingsworth. 2,318,075; May 16.
- Control system, Black-out. F. B. Aubert. 2,335,900; Dec. 7.
- Control system, Combustion. G. W. Saathoff. 2,328,498; Aug. 31.
- Control system, Compressor. B. E. O'Hagan and A. T. Johnston. 2,312,728; Mar. 2.
- Control system, Compressor. R. R. Stevens. 2,317,119; Apr. 20.
- Control system, Condensate. L. A. Hoch. 2,331,192; Oct. 5.
- Control system, Condition. A. W. Bedford, Jr. 2,318,358; May 4.
- Control system, Condition. T. K. Greenlee, G. W. Bohn and C. N. O'Day. 2,315,517; Apr. 6.
- Control system, Electric. H. Bany and R. H. Kaufmann. 2,335,631; Nov. 30.
- Control system, Electric motor. A. L. Holcomb. 2,320,434; June 1.
- Control system, Electrical. R. S. Phair. 2,330,377; Sept. 28.
- Control system, Elevator. W. F. Eames. 2,323,652; July 6.
- Control system for alternating current motors. E. W. Seeger and C. Stansbury. 2,312,592; Mar. 2.
- Control system for automobiles. J. White. 2,337,788; Dec. 28.
- Control system for boiler furnaces, Feed water. C. W. Sengstacken. 2,315,665; Apr. 6.
- Control system for capstan lathes and like machine tools. W. H. Murad. 2,321,312; June 8.
- Control system for dirigible craft, Automatic. H. L. Hull. 2,317,383; Apr. 27.
- Control system for electric valve apparatus. D. C. Hoffmann, E. H. Reid, and H. Bany. 2,338,037; Dec. 28.
- Control system for fuel burners, Automatic. J. M. Wilson. 2,319,360; May 18.
- Control system for furnaces. C. H. Dicke. 2,335,263; Nov. 30.
- Control system for heating devices. E. A. Jones. 2,331,476; Oct. 12.
- Control system for industrial vibrating machinery. D. B. Clark. 2,307,620; Jan. 5.
- Control system for industrial vibrating machinery. D. B. Clark. 2,309,098; Jan. 26.
- Control system for internal combustion engines. E. T. Larkin. 2,324,005; July 13.
- Control system for machines. L. O. Reichelt and D. V. Waters. 2,317,113; Apr. 20.
- Control system for motor vehicles. E. A. Derungs. 2,325,486; July 27.
- Control system for pipe lines. J. M. Pearson and B. K. Morse. 2,309,415; Jan. 26.
- Control system for railroads, Coded highway crossing. T. J. Judge. 2,335,765; Nov. 30.
- Control system for refrigerating apparatus. N. Erland af Kloten. 2,323,901; July 13.
- Control system for vapor generators. G. W. Saathoff. 2,328,499; Aug. 31.
- Control system for vehicles driven by single-phase current. P. Weber. 2,320,959; June 1.
- Control system for velocity modulation tubes. C. V. Litton. 2,316,264; Apr. 12.
- Control system, Gain. J. Thorpe. 2,307,901; Jan. 12.
- Control system, Generator. H. Bany. 2,321,969; June 15.
- Control system, Induction motor. C. W. Drake. 2,329,110; Sept. 7.
- Control system, Landing gear. M. J. Finnegan. 2,316,682; Apr. 13.
- Control system, Line load. H. S. Shope and H. W. Ulrich. 2,329,004; Sept. 7.
- Control system, Motor-generator. R. O. Perrine and C. Stansbury. 2,330,993; Oct. 5.
- Control system, Overdrive. E. M. Claytor. 2,330,407; Sept. 28.
- Control system, Pipe-line. S. S. Smith. 2,330,755; Sept. 28.
- Control system, Profiling. F. H. Gulliksen. 2,307,503; Jan. 5.
- Control system, Propeller. J. H. Hammond, Jr. 2,321,024; June 8.
- Control system, Propeller. J. H. Hammond, Jr. 2,321,381; June 8.
- Control system, Proportional. J. R. MacKay. 2,336,492; Dec. 14.
- Control system, Telemetric. A. J. Hornfeck. 2,330,427; Sept. 28.
- Control system, Temperature. A. O. Grooms. 2,331,025; Oct. 5.
- Control system, Timing. G. E. Undy. 2,322,754; June 29.
- Control system, Transition. R. M. Dilworth. 2,317,258; Apr. 20.
- Control system, Variable selectivity. L. E. Thompson. 2,313,182; Mar. 8.
- Control timer for refrigerating systems. B. E. Shaw. 2,321,513; Nov. 16.
- Control track pickup. J. L. Underhill. 2,311,493; Feb. 16.
- Control track recording and synchronizing system. A. C. Blaney. 2,330,331; Sept. 28.
- Control, Two-hand. W. F. Gayring. 2,313,869; Mar. 16.
- Control, Two-hand. B. J. Yanchenko. 2,321,171; June 8.
- Control unit. F. Kilaire. 2,339,868; May 25.
- Control unit, Multiple. W. B. Wheatley. 2,323,859; July 6.
- Control unit, Sear-pin. E. M. Claytor. 2,331,538; Oct. 12.
- Control valve. F. T. Dahl. 2,335,143; Nov. 23.
- Control valve. A. C. D'Arcy. 2,315,775; Apr. 6.
- Control valve. W. H. Gille. 2,333,775; Nov. 9.
- Control valve. J. W. Overbeke. 2,337,166; Dec. 21.
- Control valve. G. H. Palm. 2,314,533; Mar. 23.
- Control valve. A. G. Peters. 2,314,158; Mar. 16.
- Control valve. H. J. Shafer. 2,337,841; Dec. 28.
- Control valve and operation, Unitary fluid. A. C. Zimmerman. 2,309,032; Jan. 19.
- Control valve mechanism. W. F. Boldt. 2,323,788; July 6.
- Controlled dilation system, Remotely. H. P. Clausen. 2,329,107; Sept. 7.
- Controlled interloid dispenser. L. L. Price. 2,337,065; Dec. 21.
- Controlled salvage bell, Diver. C. M. Zoll. 2,320,696; June 1.
- Controller. C. O. Wood. 2,334,978; Nov. 23.
- Controller, Circuit. C. T. Evans. 2,316,078; Apr. 13.
- Controller, Circuit. C. Stansbury. Re. 22,364; Aug. 10.
- Controller, Condition responsive. F. D. Joesting. 2,310,293; Feb. 9.
- Controller, Electric fence. C. A. Frederiek. 2,319,056; May 11.
- Controller for induction motors. E. W. Seeger and C. Stansbury. 2,309,794; Feb. 2.
- Controller for industrial trucks. W. D. Parker. 2,307,946; Jan. 12.
- Controller, Material flow. M. A. Weckerly. 2,336,326; Dec. 7.
- Controller operating mechanism. W. R. Quentin. 2,321,876; July 20.
- Controller, Pump starting. K. R. Lung. 2,319,509; May 18.
- Controller, Push button. J. L. Bonanno. 2,317,727; Apr. 27.
- Controller, Slack. J. L. Spence, Jr. 2,319,092; May 11.
- Controller, Time cycle. J. B. McGay. 2,327,121; Aug. 17.
- Controlling apparatus. A. R. Mabey. 2,326,238; Aug. 10.
- Controlling apparatus, Railway traffic. J. J. Vanhorn. 2,327,476; Jan. 5.
- Controlling device. G. H. Fuehrer. 2,312,156; Feb. 23.
- Controlling device for pumps. A. J. Stepanoff. 2,324,650; July 20.
- Controlling device for sound record film. W. L. Woolf. 2,328,597; Sept. 7.
- Controlling device, Universal air volume. A. Penn and B. E. Shaw. 2,319,554; May 18.
- Controlling Kerr-cells. C. Becker. 2,319,289; May 18.
- Controlling means. A. Persson. 2,329,418; Sept. 14.
- Controlling means for combined typewriting and calculating machines. R. Anschütz and F. Schmidt. 2,322,997; June 29.
- Controlling means for hydraulic motors. C. O. T. Montelius. 2,331,218; Oct. 5.
- Controlling mechanism. F. E. Sinclair. 2,312,366; Mar. 2.
- Controlling mechanism for ironing machines. H. H. Brownlee. 2,313,918; Mar. 16.
- Controlling the direction of the axes of gyroscopes. R. H. Nisbet and W. G. Harding. 2,307,788; Jan. 12.
- Controlling the operation of vapor generators. G. Decker. 2,323,013; June 29.

- Controlling the strain-sensitivity of Bessemer steel. R. R. Webster. 2,323,695; July 6.
- Controlling the supply of air to the closed cabins of aircraft. S. Grünert and H. Ide. 2,316,237; Apr. 13.
- Controls for fuel burners. T. J. Sullivan. 2,333,212; Nov. 2.
- Convactor heater. E. H. Stempel. 2,331,634; Oct. 12.
- Conversion oil burner. A. Macchi. 2,311,404; Feb. 16.
- Conversion process. Starch. R. E. Daly and J. F. Walsh. 2,307,491; Jan. 5.
- Converter. F. Koppelman, H. Frass, and R. Penk. 2,310,792; Feb. 9.
- Converter cartridge. R. C. Engel. 2,321,737; June 15.
- Converter, Catalytic. E. D. Reeves. 2,335,026; Nov. 23.
- Convertible chair. F. J. Reilly. 2,331,629; Oct. 12.
- Convertible radio cabinet. C. P. Galloway. 2,337,987; Dec. 28.
- Convertible table. J. Geissler. 2,319,499; May 18.
- Convertible tops for vehicles. J. Falcon. 2,331,603; Oct. 12.
- Converting photographic images into color. P. D. Brewster. 2,320,028; May 25.
- Convex faced gear. J. L. Matthews. 2,315,068; Mar. 30.
- Conveyor. M. Adrian. 2,310,920; Feb. 16.
- Conveyor. A. L. Bausman. 2,310,055; Feb. 2.
- Conveyor. E. P. Bullard, III. 2,328,050; Aug. 31.
- Conveyor. G. W. Carmichael. 2,307,665; Jan. 5.
- Conveyor. J. D. Carter. 2,307,339; Jan. 5.
- Conveyor. R. R. Collins and J. A. Gibb. 2,319,979; May 25.
- Conveyor. J. T. Duffy, Jr., and P. Jackson. 2,308,591; Jan. 19.
- Conveyor. H. W. Hapman. 2,326,535; Aug. 10.
- Conveyor. H. W. Hapman. 2,333,926; Nov. 9.
- Conveyor. J. L. Herold. 2,315,205; Mar. 30.
- Conveyor. R. A. Huntley. 2,337,200; Dec. 21.
- Conveyor. G. E. Lamb. 2,315,627; Apr. 6.
- Conveyor. R. B. McKinnis. 2,323,147; June 29.
- Conveyor. J. Melzer. 2,316,177; Apr. 13.
- Conveyor. N. Pelosol. 2,326,165; Aug. 10.
- Conveyor. W. H. Reimann. 2,330,745; Sept. 28.
- Conveyor. W. W. Sayers. 2,322,473-4; June 22.
- Conveyor. A. C. Schroeder. 2,320,834; June 1.
- Conveyor. C. J. Senkbell and C. H. Knickman, Sr. 2,331,143; Oct. 5.
- Conveyor. H. Seubert. 2,334,511; Nov. 16.
- Conveyor. H. L. Strube. 2,322,485; June 22.
- Conveyor. M. E. Widell. 2,319,280; May 18.
- Conveyor. G. W. Wilson. 2,309,723; Feb. 2.
- Conveyor. W. P. Winters. 2,319,281; May 18.
- Conveyor apparatus. E. Cowles. 2,317,978; May 4.
- Conveyor apparatus. C. E. Swenson. 2,324,042; July 13.
- Conveyor, Auger. H. W. Plicher. 2,311,865; Feb. 23.
- Conveyor belt. P. W. Van Orden. 2,310,819; Feb. 9.
- Conveyor, Belt type. V. S. Huston. 2,335,417; Nov. 30.
- Conveyor, Bucket. J. M. Alvey. 2,318,658; May 11.
- Conveyor control. C. J. Owens and R. A. Schomer. 2,316,015; Apr. 6.
- Conveyor, Dralnpile. G. T. Spear. 2,333,208; Nov. 2.
- Conveyor, Elevating. W. H. Thoma. 2,317,313; Apr. 20.
- Conveyor excavator. J. Harrington. 2,310,233; Feb. 9.
- Conveyor, Extensible. J. R. Madeira. 2,318,872; May 11.
- Conveyor feeding system. J. W. Stiles. 2,315,880; Apr. 6.
- Conveyor for baking ovens. J. V. Cook. 2,318,925; May 11.
- Conveyor for bombs or the like. T. P. Duncan, Jr. 2,329,521; Sept. 14.
- Conveyor for bottle cleaning and pasteurizing machines. E. R. Becker. 2,329,687; Sept. 21.
- Conveyor for confections for conditioning and other purposes. A. L. Bausman. 2,329,178; Sept. 14.
- Conveyor for container sealing apparatus. H. E. Stover. 2,316,654; Apr. 13.
- Conveyor for drying ovens. L. V. Kouyoumian. 2,322,299; June 22.
- Conveyor for fruits and vegetables. M. W. Lowe. 2,332,093; Oct. 19.
- Conveyor for glass vials. C. Eisler. 2,313,814; Mar. 16.
- Conveyor for industrial washing and drying machines. D. P. Smith. 2,328,504; Aug. 31.
- Conveyor for semiliquid materials. A. Massano. 2,318,176; May 4.
- Conveyor loader. R. Q. Armington. 2,309,623; Feb. 2.
- Conveyor mechanism. W. C. Bruton. 2,316,313; Apr. 14.
- Conveyor mechanism for candy enrobers and the like. E. E. Cahoon. 2,335,043; Nov. 23.
- Conveyor of the vibratory type. L. R. Muskat. 2,336,561; Dec. 14.
- Conveyor organization for can end drying machines. P. E. Pearson and R. M. Mero. 2,338,055; Dec. 28.
- Conveyor, Portable. F. M. Smith. 2,320,667; June 1.
- Conveyor, Portable. E. W. Stephens. 2,331,813; Oct. 12.
- Conveyor, Portable grain. C. H. Klosterman. 2,332,729; Oct. 26.
- Conveyor release mechanism. A. E. Duerig. 2,318,567; May 4.
- Conveyor roller. L. D. Donbeck and R. A. Peterson. 2,317,742; Apr. 27.
- Conveyor, Shaker. L. F. Crawford. Re. 2,263; Feb. 9.
- Conveyor, Shaker. E. R. Bergmann. 2,330,946; Oct. 5.
- Conveyor, Shaker. C. A. Pratt. 2,318,712; May 11.
- Conveyor, Shaker. W. W. Sloane. 2,332,176; Oct. 19.
- Conveyor, Stoker. W. O. Martin. 2,323,553; July 6.
- Conveyor structure. C. L. Taylor. 2,328,860; Sept. 7.
- Conveyor system. E. G. Kimmich. 2,326,098; Aug. 3.
- Conveyor system. R. S. McCann. 2,328,886; Aug. 31.
- Conveyor system. D. H. Mitchell. 2,331,217; Oct. 5.
- Conveyor system. H. P. Ransburg. 2,335,790; Nov. 2.
- Conveyor system. W. H. Robinson and J. E. Anderson. 2,308,027; Jan. 12.
- Conveyor, Traveling work. G. O. Driesbach and R. C. Rahm. 2,313,524; Mar. 9.
- Conveyor, Trolley. C. P. Kümmler. 2,336,551; Dec. 14.
- Conveyor, Trolley. J. A. Meister. 2,332,722; July 6.
- Conveyor, Vibratile. L. R. Muskat. 2,333,433; Nov. 2.
- Conveyor wheel for peanut diggers. C. G. Goodrich. 2,311,982; Feb. 23.
- Conveying and delivery mechanism. E. S. Tascher and W. Bazant. 2,315,670; Apr. 6.
- Conveying and distributing system. G. A. Morse. 2,318,180; May 4.
- Conveying and mixing apparatus. R. M. Cook. 2,320,509; June 19.
- Conveying apparatus. J. A. Campbell. 2,313,374; Oct. 12.
- Conveying apparatus. P. R. Hornbrook. 2,318,395; May 4.
- Conveying apparatus. W. M. Schweickart and F. G. Julian. 2,309,418; Jan. 26.
- Conveying mechanism. C. H. Foster. 2,308,872; Jan. 19.
- Conveying mechanism. R. E. J. Nordquist. 2,324,531; July 20.
- Conveyor system. A. R. De Burgh. 2,317,675; Apr. 27.
- Conveyor system. W. H. Robinson and J. E. Anderson. 2,320,797; June 1.
- Cook. G. G. Sherman. 2,308,570; Jan. 19.
- Cooked foods in dried state. The Production of. J. G. W. Gentile. 2,308,601; Jan. 19.
- Cooker and gas exhaust, Combination. J. C. Schell. 2,326,975; Aug. 17.
- Cooker, Continuous. L. Henley. 2,333,175; Nov. 2.
- Cooker, Deep well. A. Barnsteiner. 2,333,508; Nov. 2.
- Cooker, Dextrine. W. J. Rowe and C. Hagen. 2,332,345; Oct. 19.
- Cooker, Electric. S. Payne. 2,334,122; Nov. 9.
- Cooker, Pressure. M. H. Graham. 2,308,603; Jan. 19.
- Cooker, Pressure. P. W. Stephens. 2,308,320; Jan. 12.
- Cooker, Timed. F. W. Scharf. 2,325,551; July 27.
- Cooking. J. E. Snyder and C. J. Cavalliton. 2,328,751; Sept. 7.
- Cooking apparatus. Thermostatically controlled. R. O. Stevenson. 2,310,044; Feb. 2.
- Cooking appliance. J. R. Hellman. 2,329,760; Sept. 21.
- Cooking appliance. B. E. Meacham and W. H. Frick. 2,321,500; June 8.
- Cooking device, Portable. W. A. Spiers. 2,334,847; Nov. 18.
- Cooking equipment. R. Schelling. 2,321,427; June 8.
- Cooking food by electric conductance. E. L. Griffith. 2,310,690; Feb. 9.
- Cooking range construction. L. J. Smullen. 2,332,760; Oct. 26.
- Cooking unit, Food. W. R. Scharsch. 2,319,561; May 18.
- Cooking utensil. Hot cake and waffle. R. N. Dickey. 2,314,872; Mar. 30.
- Coolant control for cutoff machines. J. S. Cebik. 2,307,019; Jan. 5.
- Cooled electron tube. H. Zodtner. 2,312,465; Mar. 2.
- Cooler. See—
Milk cooler. Sand cooler.
Oil cooler. Water cooler.
- Cooler and window support. Evaporative air. W. S. Guthrie. 2,333,374; Nov. 2.
- Cooler cabinet. M. M. Fibus. 2,327,630; Aug. 24.
- Cooler construction. J. S. Palmer. 2,318,414; May 4.
- Copier for engines, Oil. W. R. Ramsaur. 2,307,300; Jan. 5.
- Cooler for hot chocolate coated goods like candies, etc. A. L. Bausman. 2,307,562; Jan. 5.
- Cooling and display stand. M. M. Fibus. 2,327,631; Aug. 24.
- Cooling apparatus. W. H. Eggert. 2,337,317; Dec. 21.
- Cooling apparatus. H. K. Johnson. 2,324,707; July 20.
- Cooling apparatus. F. O. Trump. 2,315,829; Apr. 6.
- Cooling delivery machine. G. N. Strike. 2,314,431; Mar. 23.
- Cooling device. R. T. Whitney. 2,337,789; Dec. 28.
- Cooling device for printing machines. H. G. Macdonald. 2,311,849; Feb. 23.
- Cooling high temperature bolting. E. A. Zetterquist. 2,320,398; June 1.
- Cooling means. R. W. Pearson and J. Bender. 2,324,533; July 20.
- Cooling means, Spark plug. F. G. Andres. 2,325,024; July 27.
- Cooling method and apparatus. R. M. Heintz. 2,327,786; Aug. 24.
- Cooling plate for blast furnace in walls and mantles. J. L. Wick, Jr., and L. M. Nesselbush. 2,319,571; May 18.

- Cooling system. H. B. Drapeau. 2,327,342; Aug. 24.
Cooling system. F. E. Rowan. 2,320,889; June 1.
Cooling system. P. Spence. 2,314,524; Mar. 23.
Cooling system for air-cooled internal combustion engines. A. H. R. Fadden and F. M. Thomas. 2,336,601; Dec. 11.
Cooling system for beverage vending machines. W. E. Richmond and A. D. Ames. 2,317,484; Apr. 27.
Cooling system for buildings. R. W. Richards. 2,307,422; Jan. 5.
Cooling system for liquid jacketed engines. J. H. Wallace. 2,332,680; Oct. 26.
Cooling system for wind tunnels or similar enclosures. P. Iversen, H. E. Karig and M. E. O'Connell. 2,309,938; Feb. 2.
Cooling trap, primarily for condensing vapors of mercury and the like. H. Schuchmann and W. Steinmetz. 2,317,814; Apr. 27.
Cooling unit for compartments. Removable. F. M. Jones. 2,336,735; Dec. 14.
Cooling unit for hats. Removable. S. J. Bachardy. 2,335,630; Nov. 30.
Cup tube or yarn support. M. A. Goldman. 2,336,086; Dec. 7.
Cup winding machine. W. Siegenthaler. 2,329,302; Sept. 14.
Copolymer. M. A. Pollack. 2,337,681; Dec. 28.
Copolymer of isopropenyl toluene and acrylonitrile and producing same. E. L. Kropa. 2,310,961; Feb. 16.
Copolymer of unsaturated isocyanates. D. D. Coffman. 2,326,287; Aug. 10.
Copolymer of vinyl chloride, vinyl acetate, and vinylidene chloride. W. Scott and R. B. Seymour. 2,328,748; Sept. 7.
Copolymerization product of cellulose compounds and producing same. E. Freund. 2,336,985; Dec. 14.
Copolymerized substances containing methacrylic anhydride. C. E. Barnes. 2,308,581; Jan. 19.
Copolymer of anhydrides. E. C. Britton and W. J. LeFevre. 2,321,896; June 15.
Copper alloy. F. B. Litton and A. U. Seybolt. 2,307,051; Jan. 5.
Copper-aluminum-manganese alloy. C. M. Moss. 2,324,628; July 20.
Copper and ammonia from cuproammonium yarn. Removable. W. H. Farness. 2,322,773; June 20.
Copper and product thereof. Treating. A. A. Smith, Jr., and J. S. Smart, Jr. 2,327,378; Aug. 24.
Copper base alloy. D. K. Crampton and H. L. Burghoff. 2,309,100-3; Jan. 26.
Copper base alloy. D. K. Crampton and H. L. Burghoff. 2,334,753; Nov. 23.
Copper base alloy. R. S. Dean and C. T. Anderson. 2,335,507; Apr. 6.
Copper clad wire and preparing the same. O. E. Adler and M. J. Krinowitz. 2,317,350; Apr. 27.
Copper. Electrolytic refining of. K. A. Lindner and H. M. Shepard. 2,329,775; Sept. 21.
Copper. Inhibiting formation of black spots on tinned. C. Jennison and J. C. Bradley. 2,336,615-6; Dec. 14.
Copper-mercapto compounds and process of preparing it. Aromatic. M. Bockmuhl and W. Persch. 2,323,445; July 6.
Copper-nickel-molybdenum steel article and making the same. Heat treated. J. Mitchell. 2,319,250; May 18.
Copper or its alloys. Material for and process of pickling. J. O. Percell. 2,318,559; May 6.
Copper-oxide rectifiers with nitrogen. Treatment of. E. D. Wilson. 2,320,962; June 1.
Copper phthalocyanines. Preparation of. V. L. King, J. W. Foote, and D. H. W. Felch. 2,318,783; May 11.
Copper phthalocyanines. Preparation of. H. T. Lacey. 2,318,787; May 11.
Copper powder. Making. C. R. G. Stewart. 2,324,900; July 20.
Copper sulphide. Manufacture of. J. O. Hay. 2,332,145; Oct. 19.
Copper. Treating. H. S. Rader. 2,311,083; Feb. 16.
Copyholder. E. L. Elliott. 2,316,324; Apr. 13.
Copyholder. E. L. Elliott. 2,330,776-8; Sept. 28.
Copy holder. P. M. Pung. 2,325,273; July 27.
Copyholder. H. Stein. 2,317,821; Apr. 27.
Copyholder. Line indicating. F. W. Thurston. 2,322,259-60-1; June 22.
Copying and recording medium. H. R. Dalton. 2,313,810; Mar. 16.
Copying printed or written matter. Process of. J. F. Spainhour, Jr. 2,320,666; June 1.
Cord appliqué for handbags and other articles. W. Cavaluzzo. 2,309,498; Jan. 26.
Cord assembly, particularly for parachutes. D. E. L. Finlayson and L. Latham. 2,310,359; Feb. 9.
Cord for use in the covers of pneumatic tires and other reinforced articles of rubber and similar materials. T. Jackson and T. B. Frearson. 2,324,583; July 20.
Cord grip plug cap. Adjustable angle. J. A. Sundquist and H. E. Aust. 2,326,181; Aug. 10.
Cord holder. E. E. Garrett. 2,319,731; May 18.
Cordlike products. G. H. Fullerton and T. V. Moss. 2,316,060; Apr. 6.
Cord lock for Venetian blinds. H. K. Lorentzen. 2,308,291; Jan. 12.
Cord, Nickel heater. H. D. Tietz. 2,337,428; Dec. 21.
Cord plug. F. V. Larkin. 2,316,601; Apr. 13.
Cord securing device. C. A. Woodward. 2,309,741; Feb. 2.
Cord winding device. G. E. Lofgren. 2,322,038; June 15.
Cord winding device. G. E. Lofgren. 2,323,275; June 29.
Cord winding device. G. E. Lofgren. 2,324,711; July 20.
Core. H. V. Putman. 2,315,654; Apr. 6.
Core assembly. O. A. Pearson. 2,328,228; Aug. 31.
Core bit. W. B. Noble and J. E. Hoffoss. 2,314,947; Mar. 30.
Core clamp. H. R. Korte. 2,324,853; July 20.
Core cutting machine. H. P. Rut. 2,337,274; Dec. 21.
Core drilling device. R. A. Senkbeil. 2,334,653; Nov. 16.
Core for tire vulcanizers. A. A. Dorsey. 2,317,676; Apr. 27.
Core mold. Expandible. H. C. McCall. 2,315,634; Apr. 6.
Core oil and core. C. E. Crawford. 2,328,622; Sept. 7.
Core orienting device. G. F. Fernier. 2,321,474; June 8.
Core solder. E. F. M. Cox. 2,334,609; Nov. 10.
Core. Stopped outline wound. P. L. Christensen. 2,333,464; Nov. 2.
Core. H. V. Putman. 2,318,095; May 4.
Core taking apparatus. J. E. Hoffoss. 2,324,160; July 13.
Coreless induction heater. C. F. Fink. 2,335,495; Nov. 30.
Cores for transformers or the like. Making. W. O. Schultz. 2,324,115; July 13.
Cores. Taking. R. W. Sewell. 2,316,024; Apr. 6.
Coring apparatus. P. T. Brynnum. 2,326,435; Aug. 10.
Coring apparatus. P. T. Brynnum. 2,326,827; Aug. 17.
Coring apparatus. C. D. Cantrell, Jr. 2,315,590; Apr. 6.
Coring apparatus. W. J. Crites. 2,313,806; Mar. 16.
Coring apparatus. J. E. Hoffoss. 2,314,352; Mar. 23.
Coring apparatus. J. E. Hoffoss and J. C. Stokes. 2,331,553; Oct. 12.
Coring apparatus. J. C. Stokes. 2,330,155; Sept. 21.
Coring device. R. W. Sewell. 2,322,064; June 16.
Coring device. L. L. Snyder and A. Hollander. 2,329,225; Sept. 14.
Coring tool. T. B. Losey. 2,317,544; Apr. 27.
Cork composition. Coated. P. W. Kinney. 2,317,328; Apr. 20.
Cork compositions. Method and apparatus for the extrusion of. L. E. Gaenzle. 2,307,034; Jan. 5.
Cork-cutting machine. F. E. Domke. 2,328,712; Sept. 7.
Cork extrusion apparatus. A. H. Pendergrast. 2,335,307; Nov. 30.
Cork extrusion apparatus. A. H. Pendergrast and A. E. Benton. 2,335,308; Nov. 30.
Cork springing and making same. C. C. Schrader. 2,336,193; Dec. 7.
Corn. Determining the maturity of. R. E. Oltman. 2,329,036; Sept. 21.
Corn fork. Green. D. C. Bowman. 2,322,503; June 22.
Corn harvester. C. E. Swenson. 2,333,901; Nov. 9.
Corn harvester. Self propelled. C. E. Everett. 2,323,087; June 29.
Cornhusker. V. H. Danke. 2,307,824; Jan. 12.
Corn husker. C. E. Kerr. 2,325,859; Aug. 3.
Corn husker. C. E. Kerr. 2,329,768; Sept. 21.
Corn picker. B. M. Hyman. 2,320,135; May 25.
Corn picker construction. J. L. Asland. 2,333,080; Nov. 2.
Corn plow attachment. H. F. Hall. 2,329,609; Sept. 14.
Corn. Preserving and shipping. A. Y. Preble. 2,318,713; May 11.
Corn shoker. Tractor driven. C. Weaver. 2,330,649; Sept. 28.
Corn. Sleeping. J. P. Bishop and W. F. Henry. 2,322,413; June 22.
Corn sugar product and method. D. D. Peebles and P. D. V. Manning. 2,317,479; Apr. 27.
Corn syrup combination. Expanded solid. W. A. Heyman. 2,332,513; Oct. 26.
Corn syrup. Expanded solid. W. A. Heyman. 2,327,351; Aug. 24.
Corner and reverse bar. Combination. C. D. Lowry. 2,312,179; Feb. 23.
Corner construction for fire screens. J. H. Babros. 2,323,699; July 6.
Corner protector. J. W. Schiftenhaus. 2,324,031; July 13.
Corner stud construction. H. Holdsworth. 2,332,146; Oct. 19.
Cornice. M. H. Stern and J. Nisenson. 2,323,496; July 6.
Cornice for windows. J. E. Adair. 2,315,033; Mar. 30.
Cornice for windows. H. Derman. 2,332,207; Oct. 19.
Corona elimination in generator and winding. C. F. Hill and J. Berberich. 2,315,074; May 4.
Corporation stop. F. H. Mueller, W. J. Bowan and E. H. Fawley. 2,331,714; Oct. 12.

- Corrosion, Inhibiting. W. E. Gordon and J. E. Williamson. 2,315,852; Apr. 6.
- Corrosion inhibitor. A. P. Ayers, Jr. 2,335,901; Dec. 7.
- Corrosion inhibitor. E. R. Darby and P. J. Potter. 2,311,644; Feb. 23.
- Corrosion inhibitors. L. H. Howland and W. P. Ter Horst. 2,308,282; Jan. 12.
- Corrosion of metal by water. Retarding the. O. Rice and G. B. Hatch. 2,337,856; Dec. 28.
- Corrosion, Preventing. R. Pomeroy. 2,326,968; Aug. 17.
- Corrosion preventing connecting means for storage batteries. W. F. Bahr. 2,512,791; Mar. 2.
- Corrosion, Prevention of. P. Heidt. 2,330,051; Sept. 21.
- Corrosion proof liner. R. M. Thomas and W. J. Sparks. 2,311,004; Feb. 16.
- Corrosion reduction in air preheaters. R. S. Cooper. 2,320,911; June 1.
- Corrosion resistant coating for metal surfaces. G. W. Jernstedt. 2,310,239; Feb. 9.
- Corrosion studies. Method and apparatus for making. J. M. Pearson. 2,335,024; Nov. 23.
- Corrugating die. F. P. Bucklein. 2,332,435; Oct. 19.
- Corrugator. G. A. Ghent. 2,309,387; Jan. 26.
- Corrugator. H. B. Greenwood. 2,310,421; Feb. 9.
- Corset. J. J. Kispert. 2,334,712; Nov. 23.
- Corset. S. T. Metz. 2,335,430; Nov. 30.
- Corset. Woman's. E. Mayer. 2,326,476; Aug. 10.
- Corticotropic hormone. Manufacture of the. K. Junkmann. 2,337,823; Dec. 28.
- Cosmetic applicator. F. Goldfisher. 2,328,973; Sept. 7.
- Cosmetic coloring composition. S. Quisling. 2,320,098; May 25.
- Cosmetic container. P. A. Conant. 2,321,462; June 8.
- Cosmetic container. F. R. Reutter. 2,317,087; Apr. 20.
- Cosmetic holder. A. Gelardin. 2,318,152; May 4.
- Cosmetic preparation. F. E. Dearborn. 2,333,093; Nov. 2.
- Costume for use in modeling dresses and the like. G. R. Cornell. 2,321,584; June 15.
- Cot and chair, Folding. A. J. Wright. 2,337,955; Dec. 28.
- Cot. 7.
- Cot, Convertible folding. S. J. Blaha. 2,337,367; Dec. 21.
- Cot, Folding. C. A. Dietrich. 2,307,496; Jan. 5.
- Cot for care of babies. Safety. M. R. Koster. 2,334,014; Nov. 9.
- Cotter pin. S. Hillstrom. 2,308,605; Jan. 19.
- Cotton dispenser. A. S. McKaig, Jr. 2,317,102; Apr. 20.
- Cotton drying machine. M. I. Teague. 2,332,413; Oct. 19.
- Cotton duster attachment. C. W. McLaughlin. 2,336,113; Jan. 5.
- Cotton extracting and cleaning machines. Reclaiming mechanism for. O. Mitchell. 2,307,287; Jan. 5.
- Cotton gin. C. R. Berry. 2,328,774; Sept. 7.
- Cotton picker. Mechanical. A. W. Weems. 2,333,965; Nov. 9.
- Cotton sampler apparatus. G. E. Gaus, C. A. Bennett, and A. G. Ross. 2,320,544; June 1.
- Cotton seed and the like. The treatment of. O. L. Kettenbach. 2,308,883; Jan. 19.
- Cottonseed cleaning machine. G. C. Walsmith and M. E. Ehrdrige. 2,309,423; Jan. 26.
- Cottonseed oil. Refining of. I. K. Giles, M. Cornell, and W. Kelley. 2,337,041; Dec. 21.
- Cottonseed residue. Treatment of. H. S. Olcott. 2,316,014; Apr. 6.
- Cotton, Treatment of. F. E. Hooper. 2,336,252; Dec. 7.
- Cotton wadding and product thereof. Treating. G. A. Cruickshank. 2,327,260; Aug. 17.
- Couch and bed structure. Combination. L. C. Johnson. 2,334,493; Nov. 16.
- Couch bed. J. Martin. 2,335,870; Dec. 7.
- Couch bed, folding. A. Krakauer. 2,315,969; Apr. 6.
- Couch structure. Convertible. V. J. Bergstrom. 2,328,411; Aug. 31.
- Couch structure. Convertible. V. J. Bergstrom. 2,314,864; Mar. 30.
- Couch, Studio. D. N. Kelly. 2,328,218; Aug. 31.
- Cough drop. A. J. Lautmann. 2,311,923; Feb. 23.
- Cough drop. E. C. Merrill. 2,325,529; July 27.
- Counter. H. N. Bliss. 2,332,199-200; Oct. 19.
- Counter. E. A. Slye. 2,336,307; Dec. 7.
- Counter. E. M. Sorensen. 2,328,304; Aug. 31.
- Counterbalance. C. W. Clements. 2,322,788; June 29.
- Counterbalance for overhead doors. S. W. Parsons. 2,314,015; Mar. 16.
- Counterbalance for welders' hoods. B. A. Kinney. 2,309,599; Jan. 26.
- Counterbalanced louver construction. E. A. Mader. 2,314,003; Mar. 16.
- Counterbalancing means for automobile wheels. C. F. Rubsam. 2,329,854; Sept. 21.
- Counter, Bar-lacking. E. Mistaco. 2,324,945; July 20.
- Counter, Binary. G. R. Stibitz. 2,307,868; Jan. 12.
- Counter circuit. P. C. Michel. 2,310,105; Feb. 2.
- Counter mechanism. Predetermining. W. L. Tancred. 2,337,844; Dec. 28.
- Counter molding machine. W. H. Chamberlain. 2,326,437; Aug. 10.
- Counter, Predetermining. N. C. Wyeth. 2,313,189; Mar. 9.
- Counter, Self-molding. E. H. Voigtman and H. B. Kellogg. 2,307,342; Jan. 5.
- Countersink structure. Adjustable. S. A. Cogsdill. 2,308,055; Jan. 12.
- Counter, Traffic. G. V. Nolde. 2,319,153; May 11.
- Counterweight apparatus for elevators. S. L. Polack. 2,322,774; June 29.
- Counterweight. Dynamic damper. W. F. Larsen. 2,307,518; Jan. 5.
- Counterweight for excavating and handling machines. Removable. R. H. Zeilman. 2,325,089; July 27.
- Counting and control mechanism. H. P. Luhn. 2,324,221; July 13.
- Counting and filling machine. F. Chilson and I. Tornberg. 2,324,823; July 20.
- Counting apparatus. E. Grossenbacher. 2,337,813; Dec. 28.
- Counting device. F. A. Poole. 2,310,114; Feb. 2.
- Counting device with gaseous discharge valves. E. W. Hullebard. 2,329,048; Sept. 7.
- Counting machine. R. J. Boedighelmer. 2,334,241; Nov. 10.
- Counting machine. C. N. Payne. 2,335,023; Nov. 23.
- Counting mechanism. H. N. Bliss. 2,331,884; Oct. 19.
- Counting mechanism. B. E. Seemel. 2,323,492; July 6.
- Counting mechanism for totalizers. Ticket issue. G. A. and A. F. Julius. 2,335,122; Nov. 23.
- Coupler. M. E. Dayton. 2,314,870; Mar. 30.
- Coupler. N. Hudson. 2,322,446; June 22.
- Coupler. T. W. Paul. 2,325,271; July 27.
- Coupler. E. P. Sundholm. 2,314,374; Mar. 23.
- Coupler for toy railroad vehicles. J. L. Bonanno. 2,307,197; Jan. 5.
- Coupler mounting. W. J. Metzger. 2,329,285; Sept. 14.
- Coupler or hook. A. J. Gore. 2,319,180; May 11.
- Coupler, Trailer. C. C. Kitterman. 2,326,466; Aug. 10.
- Couplers in non-gelatinous emulsions. Incorporation of. J. A. Leermakers and S. S. Fierke. 2,318,788; May 11.
- Couplers for color photography. Pyrazolone. H. D. Porter and A. Weissberger. Re. 2,329; June 1.
- Coupling; See—
- Anchored flexible coupling. Multiple detachable coupling.
 - Automatic hose coupling. Network coupling.
 - Compression coupling. Pipe coupling.
 - Detachable coupling. Pipe joint and like coupling.
 - Directional coupling. Power transmitting coupling.
 - Disconnect coupling. Quick disconnect coupling.
 - Drum coupling. Resilient coupling.
 - Eddy current coupling. Rubber coupling.
 - Elastic coupling. Sealing coupling.
 - Electrical. Self-sealing coupling.
 - Faucet coupling. Self-sealing detachable coupling.
 - Flexible coupling. Shaft coupling.
 - Flexible hose coupling. Shock absorbing coupling.
 - Flexible shaft coupling. Sucker rod coupling.
 - Fluid coupling. Tube and coupling.
 - Fluid-type car coupling. Tube coupling.
 - High pressure hose coupling. Union coupling.
 - Hook coupling. Valve coupling.
 - Hose coupling. Yieldable coupling.
 - Hydraulic coupling.
 - Joint or coupling.
 - Light shaft coupling.
 - Mechanical coupling.
- Coupling. F. M. Crayton. 2,333,986; Nov. 9.
- Coupling. G. Fast. 2,332,068; Oct. 19.
- Coupling. D. H. Feenstra. 2,330,039; Sept. 21.
- Coupling. S. Guarnaschelli. Re. 22,309; May 11.
- Coupling. W. C. Ittifer. Sr. 2,327,714; Aug. 24.
- Coupling. A. P. Jchant. 2,332,641; Oct. 26.
- Coupling. J. P. Johnson. 2,319,134; May 11.
- Coupling. J. P. Johnson. 2,334,877; Nov. 23.
- Coupling. P. S. Madsen and A. A. Arnold. 2,317,545; Apr. 27.
- Coupling. W. J. McCartney. 2,327,604; Aug. 24.
- Coupling. D. G. McLean. 2,309,200; Jan. 26.
- Coupling. W. A. Melsom. 2,310,250; Feb. 9.
- Coupling. W. A. Melsom. 2,310,490; Feb. 9.
- Coupling. A. L. Parker. 2,322,877; Jan. 29.
- Coupling. F. J. Raybold. 2,308,542; Jan. 19.
- Coupling. A. T. Scheiwer. 2,327,611; Aug. 24.
- Coupling. R. R. Zimmer. 2,333,612; Nov. 2.
- Coupling and controlling. Device. B. W. Carrington. 2,323,008; June 29.
- Coupling apparatus. H. B. Babson. 2,337,024; Dec. 21.
- Coupling between shafts and wheels. P. H. Brace. 2,318,051; May 4.
- Coupling circuit. P. S. Carter. 2,337,184; Dec. 21.
- Coupling circuit. N. E. Lindenblad. 2,312,827; Mar. 2.
- Coupling construction. A. F. Johnson. 2,323,912; July 13.
- Coupling control, Magnetic. A. M. Braaten. 2,307,447; Jan. 5.
- Coupling device. C. E. Johnson. 2,321,028; June 8.
- Coupling device. J. F. Kopyczynski. 2,329,061; Sept. 7.
- Coupling device. E. G. Laffy. 2,328,469; Aug. 31.
- Coupling device. M. J. Zaleske. 2,327,591; Aug. 24.
- Coupling device for pipes. R. J. Fisher. 2,309,890; Feb. 2.
- Coupling device for the assembly of tubular elements. E. G. Laffy. 2,328,468; Aug. 31.

- Coupling device for well apparatus. P. M. Evans. 2,316,679; Apr. 13.
- Coupling device, One-way. C. J. Conkle. 2,332,061; Oct. 19.
- Coupling devices, Applying. J. F. O'Brien. 2,312,579; Mar. 2.
- Coupling eye. D. S. Weiss. 2,321,535; June 8.
- Coupling for flanged metal tubing. I. Cowles. 2,320,813; June 1.
- Coupling for high pressure hose, Detachable. W. I. Santhoff. 2,328,298; Aug. 31.
- Coupling for linemen's protective devices. G. F. Salisbury. 2,317,088; Apr. 20.
- Coupling for metal tubing. I. Cowles. 2,333,470; Nov. 2.
- Coupling for shafts, Flexible. E. E. Hollander. 2,331,781; Oct. 12.
- Coupling for rods or shafts. F. B. Thomas. 2,319,892; May 25.
- Coupling for shell-less washers and the like, Flexible conduit. L. Zimark. 2,322,909; June 29.
- Coupling for sucker rods, Safety. H. B. Lee. 2,321,215; June 8.
- Coupling for transmitting torques. H. Lieberherr. 2,314,227; Mar. 16.
- Coupling holder. C. F. Ross. 2,320,397; June 1.
- Coupling hook. A. J. Higgins and J. M. Poche. 2,328,341; Aug. 31.
- Coupling implements to tractors. B. M. Hyman. 2,335,942; Dec. 7.
- Coupling joint for engines and the like, Vacuum-tight. C. C. Blttner. 2,331,649; Oct. 12.
- Coupling loop. D. G. Chifford. 2,311,520; Feb. 16.
- Coupling means for coaxial cable sections. W. A. Bruno. 2,330,864; Oct. 5.
- Coupling means for dollies, trailers, and the like. C. D. Grove. 2,313,235; Mar. 9.
- Coupling means for tubular electrical conductor sections. W. A. Bruno. 2,335,040; Nov. 23.
- Coupling mechanism. C. H. Martin. 2,312,258; Feb. 23.
- Coupling nut, Swivelly mounted. P. J. Healy. 2,316,690; Apr. 13.
- Coupling of tubular elements, Effecting detachable. W. A. Bruno. 2,317,729; Apr. 27.
- Coupling or engaging device. R. A. W. Spooner. 2,331,851; Oct. 12.
- Coupling pin. H. A. Richards. 2,334,034; Nov. 9.
- Coupling structure. A. F. Johnson. 2,309,596; Jan. 26.
- Couplings. F. Hinrichs. 2,335,414; Nov. 30.
- Couplings, Manufacturing and assembling high pressure. C. Lusher, B. H. Tompkins, F. R. Reutter, and G. G. Howard. 2,314,002; Mar. 16.
- Coupon feeder. G. Long. 2,332,156; Oct. 19.
- Course indicating apparatus for vehicles. J. G. Hargrave and D. C. Williams. 2,314,497; Mar. 23.
- Cover. See—
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| Bank check cover. | Package cover. |
| Belt case cover. | Roll cover. |
| Camera shutter cover. | Sectional rigid wagon cover. |
| Charging cover. | Self-adjusting hook cover. |
| Crib cover. | Steering wheel cover. |
| Display box cover. | Tail joint cover. |
| Drawing board cover. | Theatrical meter cover. |
| Drawstring at a cable cover. | Toilet cover. |
| Emergency hatch and manhole cover. | Toilet seat cover. |
| Food cover. | Umbrella cover. |
| Garment hanger cover. | Universal seat back cover. |
| Gas proof litter cover. | Upholstered door cover. |
| Milk bottle cover. | Wheel cover. |
- Cover. A. L. Becket. 2,314,682; Mar. 23.
- Cover. R. H. Churchill. 2,309,933; Feb. 2.
- Cover and film indicator for cameras, Red window. J. W. Scott. 2,333,825; Nov. 9.
- Cover and vehicle control, Roll mill. I. M. Bernstein. 2,325,171; July 27.
- Cover construction. A. E. Cole. 2,310,398; Feb. 9.
- Cover feeding, scoring, and folding means for match booking machines. C. F. Wright. 2,313,609; Mar. 9.
- Cover for combination sinks and tubs, Reversible. C. Stein. 2,334,293; Nov. 16.
- Cover for electrical apparatus, Hinged. H. M. Stieglitz. 2,324,738; July 20.
- Cover for belt openings. H. C. Nielsen. 2,309,473; Jan. 26.
- Cover for combination sinks and tubs, Reversible. C. Stein. 2,308,123; Jan. 12.
- Cover for cooler cabinets. H. D. King. 2,321,753; June 25.
- Cover for elevator door hanger mechanism. H. W. Larson. 2,320,186; May 25.
- Cover for glass fixture holders. W. McLaughlin. 2,319,621; May 18.
- Cover for large books. M. R. and C. E. Hultman. 2,319,605; May 18.
- Cover for meter boxes. V. R. Van Dyk and M. Early. 2,316,302; Apr. 13.
- Cover lock and extractor control. O. W. Johnson. 2,325,406; July 27.
- Cover mounting. R. Ruppin. 2,335,793; Nov. 30.
- Cover of cycle and like saddles. H. Franke. 2,332,847; Oct. 26.
- Cover operating device for electric roasters. H. J. Moon and E. G. Gardner. 2,328,833; Sept. 7.
- Cover operating means for cooking appliances. C. E. Waltman. 2,325,897; Aug. 3.
- Cover remover. J. W. Marcellus. 2,335,777; Nov. 30.
- Cover sealing means. E. S. Stoddard. 2,324,333; July 13.
- Cover stay device, Wardrobe case. J. Rittter, Jr. 2,328,099; Aug. 31.
- Cover structure. W. V. Brown. 2,324,356; July 13.
- Cover structure for storage batteries. C. Ambruster. 2,328,535; Sept. 7.
- Covered product and producing it. H. D. Minich. 2,335,191; Nov. 23.
- Covered beam and producing it. A. S. Riviere. 2,332,931; Oct. 26.
- Covered shipping and display box. L. J. Clark. 2,319,919; May 25.
- Covering convertible into a bag. F. Michalke, née Parnow. 2,315,128; Mar. 30.
- Covering for airflow surfaces. W. Harper, Jr. 2,322,632; June 22.
- Covering for arc welding electrodes. C. E. Swift. 2,320,677; June 1.
- Covering for building walks, Removable. T. H. Shuttleworth. 2,329,561; Sept. 14.
- Covering, Floor and wall. J. W. Stallings. 2,316,746; Apr. 13.
- Covering for buildings, Outside. J. Logan Jr. 2,316,345; Apr. 13.
- Covering, Head. M. Harding. 2,336,356; Dec. 7.
- Covering to aircraft wing frames and apparatus therefor, Applying. F. M. Smith. 2,336,372; Dec. 7.
- Covering wheel for planting equipment. J. W. Orendorff. 2,330,308; Sept. 28.
- Coverings to steel ship decks, Securing reinforced. F. T. Boyland. 2,324,131; July 13.
- Cowl fastener. T. J. Moran. 2,325,699; Aug. 3.
- Cowl fastener stud construction. M. J. Zaleske. 2,325,295; July 27.
- Cowling and the like fastener. H. J. Murphy. 2,334,680; Nov. 16.
- Cracking process. F. E. Kuhl. 2,312,719; Mar. 2.
- Cracking process. F. J. Skowronski. 2,314,661; Mar. 23.
- Cracking process. K. M. Watson. 2,308,557; Jan. 19.
- Cracking with synthetic catalysts. G. C. Connolly. 2,307,878; Jan. 12.
- Cradle for boat trailers, Self-adjustable. H. L. Commire. 2,332,991; Oct. 26.
- Cradle, Flaring. R. M. Wick. 2,323,952; July 13.
- Cradle reel. F. M. Littell. 2,323,477; July 6.
- Cradle, Workpiece supporting. A. Ringzell. 2,334,127; Nov. 9.
- Craft, Beach. M. Ronzitti. 2,309,416; Jan. 26.
- Craft, Indicating turning movement of a. T. W. Kenyon. 2,307,590; Jan. 5.
- Craft, Sailing. G. A. Lyon. 2,312,567; Mar. 2.
- Craft, Submarine. C. J. Baer. 2,332,549; Oct. 26.
- Craft, Water. T. F. Thompson. 2,308,838; Jan. 19.
- Crane. J. Breslav. 2,316,667; Apr. 13.
- Crane. H. F. Stofflet. 2,334,295; Nov. 16.
- Crane attachment for tractors. F. P. Lawler. 2,322,697; June 22.
- Crane, Drapery. J. N. Graber. 2,321,196; June 8.
- Crane, Factory jib. R. G. Le Tourneau. 2,335,522; Nov. 30.
- Crane limit switch. R. B. Hunter. 2,313,995; Mar. 16.
- Crane, Luffing. J. W. Delst. 2,315,942; Apr. 6.
- Crane, Self-propelled. R. G. LeTourneau. 2,320,620; June 1.
- Crane, Toy. H. J. Ferri. 2,316,680; Apr. 13.
- Crank case, crank shaft and bearing assembly. R. M. Magnuson. 2,336,272; Dec. 7.
- Crank case oil filler, Automatic. A. O. James. 2,316,000; Apr. 6.
- Crank grinder. H. A. Good. 2,335,241; Nov. 30.
- Crank pin turning device. A. S. Neubauer. 2,330,075; Sept. 21.
- Crankshaft. W. L. Carlson. 2,329,250; Sept. 14.
- Crankshaft. J. Dusevolr. 2,324,373; July 13.
- Crankshaft. M. G. Shoemaker. 2,323,804; Aug. 3.
- Crankshaft blank. W. L. Groene. 2,333,859; Nov. 9.
- Crankshaft construction. K. L. Finley and D. D. Smith. 2,337,157; Dec. 21.
- Crankshaft, Engine. J. Dusevolr. 2,331,541; Oct. 12.
- Crank shaft grinder. J. Sunnen. 2,309,615; Jan. 26.
- Crankshaft grinding machine. R. A. Cole and F. E. Johnson. 2,322,727; June 22.
- Crank shaft mounting. T. I. Duffy. 2,314,133; Mar. 16.
- Crank unit. T. W. Nilsen. 2,316,530; Apr. 13.
- Crate. H. V. Bowman. 2,312,621; Mar. 2.
- Crate. D. R. Swingle and W. W. Robinson. 2,326,700-1; Aug. 10.
- Crate, Bottle. I. J. B. Demers. 2,334,161; Nov. 16.
- Crate, Carboy. J. A. Martin and L. E. Butters. 2,330,982; Oct. 5.
- Crate, Egg. K. E. Newson. 2,333,116; Nov. 2.
- Crate, Folding. A. M. Kamper. 2,307,683; Jan. 5.
- Crate for refrigerator cabinets and the like. M. R. Hull and E. P. Summers. 2,317,613; Apr. 27.
- Crate for water bottles or carboys. C. E. Johnson. 2,325,863; Aug. 3.

- Crawler and rail vehicle, Combination. D. W. Lehti and J. H. Crow. 2,311,304; Feb. 16.
- Crawler drive mechanism. W. G. Van Voorhis. 2,320,019; May 25.
- Crawler tractor. M. E. Burns and G. M. Bonnell. 2,322,919; June 29.
- Crawler tractor side frame construction. J. G. Heaslet. 2,315,421; Mar. 30.
- Crayon. P. J. Berggren. 2,327,854; Aug. 24.
- Cream, Chilling and packing. R. J. Speirs. 2,327,140; Aug. 17.
- Cream dipper. C. P. Crocker. 2,320,570; June 1.
- Cream separating milk container. E. Hanson. 2,323,036; June 29.
- Cream separator. A. Aroney. 2,315,178; Mar. 30.
- Cream separator. R. O. Eastin. 2,310,355; Feb. 9.
- Cream separator. J. and A. Persoons. 2,313,260; Mar. 9.
- Cream separator. E. Scheemaker. 2,331,426; Oct. 12.
- Cream separator. W. C. Teunis. 2,312,682; Mar. 2.
- Cream separator or the like. R. W. Muerle. 2,325,871; Aug. 3.
- Cream treatment. W. L. McCaslin. 2,307,227; Jan. 5.
- Cream whipping apparatus. P. F. Roeder. 2,324,648; July 20.
- Crease preventing tie holder. S. Hoffman. 2,332,382; Oct. 19.
- Creel. R. Little and F. J. Kent. 2,337,904; Dec. 28.
- Creel apparatus. P. C. Pasquerello. 2,325,974; Aug. 3.
- Crop check, Two-way. R. T. Woodings. 2,324,452; July 13.
- Cressote, Conversion of. J. E. Harvey, Jr. 2,310,191; Feb. 2.
- Cresols, Producing halogenated. C. S. Treacy. 2,319,960; May 25.
- Crib. C. E. Webb. 2,328,316; Aug. 31.
- Crib, Collapsible. L. W. Mathaus. 2,313,834; Mar. 16.
- Crib, Collapsible baby or doll. W. L. Jago. 2,309,318; Jan. 26.
- Crib cover. J. Gurke. 2,313,337; Mar. 9.
- Cribber, Trave. G. P. Bleakly. 2,324,465; July 20.
- Cribbing. C. Gilman. 2,333,168; Nov. 2.
- Cribbing. W. L. McDaniel. 2,315,441; Mar. 30.
- Crimper, Duplex. J. F. Halstead. 2,331,905; Oct. 19.
- Crimper mechanism. J. F. Halstead. 2,331,906; Oct. 19.
- Cross-arm reinforcement. L. G. Hoyt. 2,318,596; May 4.
- Crossbar structure for endless tracks. E. L. Allen and H. H. Mustor. 2,331,286 8; Oct. 12.
- Cross chain hook. J. R. Reburn. 2,309,215; Jan. 26.
- Cross country motor vehicle. J. Rantasa. 2,330,623; Sept. 28.
- Crossfeed for cigar bunch machines. H. A. Burns. 2,329,183; Sept. 14.
- Crossfeed for grinding machines. R. S. Pyne. 2,334,581; Nov. 16.
- Crosshatching instrument. R. J. Miller. 2,332,865; Oct. 26.
- Crosshead. J. S. McManus. 2,328,918; Sept. 7.
- Cross members to frames, Securing. O. Mueller. 2,315,643; Apr. 6.
- Cross roll apparatus. P. B. Abramsen. 2,319,785; May 25.
- Cross slide construction for machine tools. J. E. Makant. 2,332,865; Oct. 26.
- Cross talk, Reduction of. J. T. Dixon. 2,329,519; Sept. 14.
- Crowbar and pinch bar. C. F. Chaddock. 2,325,227; July 27.
- Crowd and retract mechanism. B. S. Ferguson. 2,326,935; Aug. 17.
- Crown cap for containers. F. J. O'Brien. 2,338,052; Dec. 28.
- Crown cap counting mechanism. P. E. Pearson and C. E. Magnus. 2,326,675; Aug. 10.
- Crown Jacket. A. J. Pearlman. 2,327,548; Aug. 24.
- Crucible furnace. C. E. Milligan. 2,324,864; July 20.
- Crucifix, Illuminated. R. L. Schleif. 2,325,883; Aug. 3.
- Crude petroleum, Desalting. H. L. Eggleston, R. H. Pierson, and J. B. Mullin. 2,329,887; Sept. 21.
- Crude petroleum, Stabilizing. P. C. Keith, Jr. 2,322,635; June 22.
- Crudes, Cracking blended heavy. R. M. Hill. 2,332,794; Oct. 26.
- Crusher. A. H. Beisner. 2,319,290; May 18.
- Crusher. R. B. Browning. 2,326,750; Aug. 17.
- Crusher. J. V. B. Cox and F. L. Thomas. 2,318,142; May 4.
- Crusher and grinder, Combination. V. E. Clarke. 2,318,290; May 4.
- Crusher and loosener, Highway ice. M. Rypkema. 2,319,520; May 18.
- Crusher, Gyrotory. G. Annesley. 2,327,384; Aug. 24.
- Crusher, Rock. E. N. Wood. 2,318,639; May 4.
- Crusher, Tablet. J. P. and C. J. Zweber. 2,318,911; May 11.
- Crushing machine, Ear corn. F. H. and A. G. Nickle. 2,330,139; Sept. 21.
- Crutch. J. F. Wilson. 2,312,786; Mar. 2.
- Crystal filter circuit. A. T. Starr. 2,308,397; Jan. 12.
- Crystal pickup unit. R. Daily. 2,313,324; Mar. 9.
- Crystal stabilized frequency modulation system. N. Bishop. 2,311,026; Feb. 16.
- Crystal working apparatus. R. S. Bailey. 2,326,319; Aug. 10.
- Crystalline alkali metal hypochlorite-containing composition, Stable-colored. H. H. Hull. 2,324,302; July 13.
- Crystalline coatings, Method and composition for producing. R. V. Sandstrom. 2,319,886; May 25.
- Crystalline polymers, Fabrication of. R. C. Reinhardt and L. C. Chamberlain, Jr. 2,332,489; Oct. 19.
- Crystalline polymers, Fabrication of. R. M. Wiley. 2,329,571; Sept. 14.
- Crystalline salts, Production of coarse. W. B. Bussmann. 2,318,463; May 4.
- Crystallization of sorbitol. R. M. Goepp, Jr. 2,315,699; Apr. 6.
- Crystals from solutions, Method of and apparatus for separating. G. B. Ax, K. H. Grunewald, O. A. Wiberg, and E. Öman. 2,315,762; Apr. 6.
- Crystals, Mounting piezoelectric. S. A. Bokovoy. 2,315,392; Mar. 30.
- Crystals, Mounting piezoelectric. E. M. Washburn. 2,329,497-8; Sept. 14.
- Cuff, Blood pressure. D. L. Newton. 2,332,488; Oct. 19.
- Culinary device. O. D. Overbey. 2,333,736; Nov. 9.
- Culinary tool. H. Gamacha and W. C. Kiefer. 2,331,604; Oct. 12.
- Culinary utensil. L. G. Howlett. 2,321,749; June 15.
- Cultivator. R. B. Cook. 2,321,464; June 8.
- Cultivator. A. H. Haberstump. 2,328,449; Aug. 31.
- Cultivator. C. C. Hanson. 2,317,188; Apr. 20.
- Cultivator. E. C. Phillips. 2,333,881; Nov. 9.
- Cultivator. J. B. Shope. 2,311,353; Feb. 16.
- Cultivator. M. H. Tuft. 2,332,616; Oct. 26.
- Cultivator attachment. W. C. Speck. 2,329,794; Sept. 21.
- Cultivator, Cover. C. S. Noble. 2,323,412; July 6.
- Cultivator, Damping. W. H. Silver. 2,319,899; May 25.
- Cultivator, Field. A. A. Scarlett and S. M. Young. 2,337,773; Dec. 28.
- Cultivator, Go-devil. R. C. Holton. 2,309,847; Feb. 2.
- Cultivator, Listed corn. C. H. Silver. 2,323,683; July 6.
- Cultivator tool. F. J. Anderson. 2,320,024; May 25.
- Cultivator, Toothed. A. W. Wenberg. 2,309,266; Jan. 26.
- Culvert. E. L. Westwood. 2,309,685; Feb. 2.
- Culvert construction, Wooden. G. E. Shafer. 2,334,846; Nov. 23.
- Culvert, Wooden. H. E. Kuphal. 2,312,653; Mar. 2.
- Culverts, Making arch-type. H. S. Claybaugh. 2,316,839; Apr. 20.
- Cup assembly, Portable. R. H. Sayre. 2,307,241; Jan. 5.
- Cup for bottle and can caps, Sanitary concealed. H. Molow. 2,310,491; Feb. 9.
- Cup for fowl, Drinking. H. W. Hart. 2,319,928; May 25.
- Cup, Instantaneous beverage. A. I. Yealdhall and A. W. Kelly. 2,323,872; Sept. 7.
- Cup-making machine. G. M. Merta. 2,321,407; June 8.
- Cup, Milking machine teat. W. A. Scott. 2,323,851; July 6.
- Cup package and carton therefor. K. T. Buttery. 2,335,914; Dec. 7.
- Cup, Paper. W. E. Amberg. 2,316,150; Apr. 13.
- Cup, Paper. W. E. Amberg. 2,323,287; July 6.
- Cup, Paper. W. E. Amberg. 2,323,288; July 6.
- Cup, Paper. H. Carew. 2,333,090; Nov. 2.
- Cup, Paper sputum. A. Warsher and J. Pollock. 2,324,893; July 20.
- Cup retainer, Packing. S. Schnell. 2,313,271; Mar. 9.
- Cup, Sputum. H. B. Cranshaw. 2,330,029-31; Sept. 22.
- Cup unit, Teat. I. V. Da Silveira. 2,334,481; Nov. 16.
- Cupping press. W. I. Gladfelter and J. Prochazka. 2,324,205; July 13.
- Cups with faced and beveled edges, Producing drawn. H. H. Hubbard. 2,321,085; June 8.
- Curbs, Raising and lowering. A. T. Scannell. 2,333,274; Nov. 2.
- Curing zein. L. C. Swallen and A. L. James. 2,322,486; June 22.
- Curli heater. M. D. Pountain. 2,325,799; Aug. 3.
- Curler, Eyelash. W. R. Tuttle and C. W. Stickel. 2,314,375-6; Mar. 23.
- Curler, Hair. A. Caldora. 2,319,658; May 18.
- Curler, Hair. L. Eisenman. 2,328,331; Aug. 31.
- Curler, Hair. R. McFadden. 2,317,927; Apr. 27.
- Curler, Hair. V. M. Newman. 2,321,934; June 25.
- Curler, Hair. C. W. Renstrom and E. Hoffmann. 2,322,253; June 22.
- Curler, Hair. L. L. Ryan. 2,335,086; Nov. 23.
- Curler, Hair. C. P. Simas. 2,318,972; May 11.
- Curler, Hair. N. L. Solomon. 2,334,226; Nov. 16.
- Curler, Hair. H. P. R. Sommers. 2,321,433; June 8.
- Curler, Hair. B. A. Sterling. 2,323,254; June 29.
- Curler spindle for hair waver. O. A. Langos. 2,317,539; Apr. 27.
- Curler, Featherweight hair. N. L. Solomon. 2,321,709; June 15.
- Curling device. F. C. Wallace. 2,324,607; July 20.
- Curling device, Hair. H. Klein. 2,333,938; Nov. 9.
- Currency holder. N. H. Swanson. 2,312,132; Feb. 23.
- Current amplifiers, Balance direct and alternating. M. Artzt. 2,310,342; Feb. 9.
- Current collecting device. M. J. Baldwin. 2,313,502; Mar. 9.
- Current collector. B. M. Newbrough. 2,325,971; Aug. 3.

- Current delivering and conducting means. M. G. Rees. 2,320,470; June 1.
- Current distributing means for electrolytic processes. R. C. Olsen. 2,319,624; May 18.
- Current distributor. Electric. G. H. Fritzinger. 2,321,805; June 15.
- Current interrupting device. E. G. Lodge. 2,325,142; July 27.
- Current motor, Alternating. M. Schiff. 2,324,728; July 29.
- Current protective means. J. D. Wood. 2,324,451; July 13.
- Current regulating apparatus for electric arc welding circuits. H. J. Graham. 2,331,773; Oct. 12.
- Current regulating resistance. K. Richter. 2,317,805; Apr. 27.
- Current regulator tube. C. C. Minter. 2,332,392; Oct. 19.
- Current responsive circuit. G. L. Rogers. 2,333,446; Nov. 2.
- Current responsive instrument. H. F. Grave. 2,320,528; Sept. 14.
- Current source. Constant direct. H. B. Brooks. 2,312,022; Feb. 23.
- Current supply system. C. E. Lomax and P. Bakker. 2,330,501; Sept. 28.
- Current supply system. W. H. Perkins. 2,322,955; June 20.
- Current tachometer, Directionally responsive alternating. R. Buch and F. Haemmerling. 2,310,511; Feb. 9.
- Current transformer, Constant. K. A. S. Johnson. 2,312,416; Mar. 2.
- Current transformer, High frequency. T. M. Dickinson. 2,327,774; Aug. 24.
- Current voltage regulator. W. Kehse and G. Hillbrand. 2,308,925; Jan. 19.
- Curtain. E. P. Bixer. 2,323,444; July 6.
- Curtain. A. O. Ernst. 2,321,823; Oct. 12.
- Curtain. H. Lesko. 2,321,216; June 8.
- Curtain and drapery hanger for windows. G. B. Yertou. 2,309,725; Feb. 2.
- Curtain and shade bracket. W. L. Barndollor. 2,319,715; May 18.
- Curtain devices for doors or similar openings. Black-out. A. Barker. 2,331,295; Oct. 12.
- Curtain. Drap. C. C. Friedberg. 2,329,402; Sept. 14.
- Curtain hanger. E. K. Madan. 2,320,003; May 25.
- Curtain hook and installation. K. Z. Silverman. 2,320,308; May 25.
- Curtain, Reversible. F. S. Nichols. 2,325,420; July 27.
- Curtain rod. A. Birnie. 2,323,112; June 25.
- Curtain rod and hanger. J. Eckstine. 2,329,886; Sept. 29.
- Curtain rod assembly. A. L. Thexton. 2,321,334; June 8.
- Curtain rod bracket. J. F. Dexter. 2,323,381; July 6.
- Curtain rod device. Extensible. J. Di Martino. 2,317,893; Apr. 27.
- Curtain stretcher. A. Q. Bulger. 2,318,288; May 4.
- Curtain stretching device, Tubular. E. K. Morando. 2,309,076; Jan. 19.
- Curving material. R. T. Halstead. 2,327,706; Aug. 24.
- Curvometer. A. J. Wright. 2,311,804; Feb. 23.
- Cushion. G. W. Blair. 2,315,391; Mar. 30.
- Cushion. G. H. Kaemmerling. 2,322,193; June 15.
- Cushion. M. S. Karpen. 2,319,690; May 18.
- Cushion. H. C. Parker, Jr. 2,307,351; Jan. 5.
- Cushion. C. W. Woebler. 2,328,871; Sept. 7.
- Cushion and mattress structure, Inner spring. D. T. Owen. 2,319,431; May 18.
- Cushion-bonding strip unit. P. S. Peters. 2,338,009; Dec. 28.
- Cushion for vehicles, furniture, and the like, Floating motion. J. M. Dorton. 2,313,130; Mar. 9.
- Cushion. Seat. C. Borisch. 2,309,438; Jan. 26.
- Cushion. Seat. H. C. Borisch. 2,309,570; Jan. 26.
- Cushion. Steel chair. J. L. Frel. 2,326,937; Aug. 17.
- Cushion structure. M. M. Cunningham and E. T. Wise. 2,314,608; Mar. 23.
- Cushion support for furniture. H. Phillips. 2,317,080; Apr. 20.
- Cushion, Upholstery. H. M. Dodge. 2,318,841; May 11.
- Cushioning and centering device for railway car couplers. J. S. Swann. 2,308,032; Jan. 12.
- Cushioning device. J. P. Gallagher. 2,328,550; Sept. 7.
- Cushioning device. J. P. Gallagher. 2,328,550; Sept. 7.
- Cushioning device. L. B. Jones. 2,322,642; June 22.
- Cushioning device for chairs, Back rest. G. D. Wood. 2,307,772; Jan. 12.
- Cushioning device for electric motors. C. H. Duffy. 2,307,772; Jan. 12.
- Cushioning tool holder. W. J. Weberg. 2,327,685; Aug. 24.
- Cut-crystal element, Finishing. H. W. N. Hawk. 2,323,599; July 6.
- Cutlery and making the same. W. G. Mitchell. 2,335,872; Dec. 7.
- Cutoff and transfer mechanism. R. L. Wilcox. 2,318,825; May 11.
- Cutoff device. C. Dice. 2,310,403; Feb. 9.
- Cutoff for sewing machines. J. and A. Cobbie. 2,318,200; May 4.
- Cutoff machine. R. E. Pierce. 2,336,957; Dec. 14.
- Cut-off system, Trouble. F. M. McCarthy. 2,322,864; June 29.
- Cutout. A. Ramsey. Re. 22,343; July 6.
- Cutout. Construction. Repeating. W. O. Schultz and A. G. Steinmayer. 2,311,092; Feb. 16.
- Cutout for electric circuits. Overload. J. F. Prese. 2,326,529; Aug. 10.
- Cutout, Fuse. H. A. Triplett and S. I. Lindell. 2,324,044; July 13.
- Cutout, Vacuum automatic. F. Saxe. 2,321,105; June 8.
- Cutter. See Asparagus cutter.
- Asparagus cutter. Milling cutter.
- Asparagus top cutter. Outside pipe cutter.
- Band cutter. Paper cutter.
- Brush cutter. Pipe cleaning cutter.
- Butter cutter. Pipe coupling cutter.
- Circular branching cutter. Rotary cutter.
- Combined doughnut and biscuit cutter. Pottery drill cutter.
- Double helical gear cutter. Sheet metal cutter.
- Edible plastic substance cutter. Side milling cutter.
- Electric cable cutter. Sod cutter.
- Feed cutter. Stalk cutter.
- Flack cutter. Strawberry runner cutter.
- Glass cutter. String and ribbon cutter.
- Grass and weed cutter. Underwater cable cutter.
- Inserted blade cutter. Universal corn cutter.
- Insulated sliding cutter. Vegetable cutter.
- Lobster cutter. Weed cutter.
- Wire line pipe cutter.
- Cutter. C. R. Dennis. 2,332,307; Oct. 19.
- Cutter. R. B. Eaton. 2,329,399; Sept. 14.
- Cutter. R. Leavens. 2,329,918; Sept. 21.
- Cutter. F. H. Müller. 2,320,460; June 1.
- Cutter and clamp for looms. Thread. G. A. Irons. 2,326,862; Aug. 17.
- Cutter and clamp for weft replenishing looms. Thread. J. Miller. 2,329,999; Sept. 21.
- Cutter and cultivator, Stalk. M. F. Fulk. 2,335,112; Sept. 23.
- Cutter chain. F. Cartledge. 2,331,766; Oct. 12.
- Cutter chain. E. J. Doberstein. 2,310,016; Feb. 2.
- Cutter chain. E. J. Doberstein. 2,334,813; Nov. 23.
- Cutter-collid mill. E. G. Eppenbach and L. C. Fisher. 2,335,002; Nov. 23.
- Cutter feeding device. J. W. Boening. 2,325,364; July 27.
- Cutter for and method of cutting gears. E. Wildhaber. 2,315,147; Mar. 30.
- Cutter for clear machines. Leaf. C. F. Randolph. 2,320,393; June 1.
- Cutter for citrus fruits. S. W. Alderfer. 2,321,725; June 15.
- Cutter for looms. Thread. V. H. Jennings. 2,326,863; Aug. 17.
- Cutter for outboard motors. Weed. E. S. Oswood. 2,319,847; May 25.
- Cutter for producing gears. E. Wildhaber. 2,329,804; Sept. 21.
- Cutter for sewing machines. Thread-chain. H. Hacklander. 2,334,672; Nov. 16.
- Cutter guiding means. H. Bleier. 2,326,922; Aug. 17.
- Cutter head. F. A. Dexter. 2,314,755; Mar. 23.
- Cutter, Rotary drill. G. E. Behnke. 2,333,407; Nov. 2.
- Cutter stop for machine tools. G. Davenport. 2,336,849; Dec. 14.
- Cutter teeth for well drills. F. L. Scott, L. E. Garfield, and H. L. Cockrum. 2,333,746; Nov. 9.
- Cutters, Method and apparatus for relieving. E. Wildhaber. 2,332,420; Oct. 19.
- Cutters, Method and machine for relieving. E. Wildhaber. 2,332,421; Oct. 19.
- Cutters, Relief-grinding. E. Wildhaber. 2,308,734; Jan. 19.
- Cutting and cleaning device for garments and the like, Safety electric. R. Carillo and A. Napoletano. 2,332,557; Oct. 26.
- Cutting and folding machine. A. Laukhuff. 2,328,814; Sept. 7.
- Cutting and gauging instrument. A. Krajnc. 2,311,234; Feb. 16.
- Cutting and pitting device, Fruit. A. B. Waeltly. 2,321,881; June 15.
- Cutting and scraping device. H. F. Sieg. 2,326,502; Aug. 10.
- Cutting and shaping tool. H. Schweidler. 2,328,747; Sept. 7.
- Cutting and sorting of paper and like sheets from continuous webs. P. T. Goldney and A. G. Hingley. 2,318,937; May 11.
- Cutting and welding torch. S. J. Errett. 2,335,500; Nov. 30.
- Cutting apparatus. S. E. Boynton. 2,318,050; May 4.
- Cutting apparatus. C. C. McCain. 2,308,703; Jan. 19.
- Cutting apparatus. A. R. Sorensen. 2,321,949; June 15.
- Cutting attachment for turning lathes, Contour. C. F. Malzahn. 2,326,240; Aug. 10.
- Cutting block. M. Maeser. 2,325,620; Aug. 3.
- Cutting collector. B. W. Sewell. 2,332,267; Oct. 19.
- Cutting device. Z. P. Cordwell. 2,332,439; Oct. 19.
- Cutting die. K. W. Karli. 2,313,801; Mar. 16.
- Cutting die. S. Leskiewicz. 2,324,857; July 20.
- Cutting elements, Making bimetal. F. H. and A. G. Nickle. 2,330,138; Sept. 21.
- Cutting implement. F. J. Ardner. 2,321,350; June 8.

- Cutting implement. O. Thompson, Sr. 2,312,133; Feb. 23.
- Cutting implement. O. Thompson, Sr. 2,336,901; Dec. 14.
- Cutting implement, Hair. B. R. Nyhagen. 2,321,932; June 15.
- Cutting knife support. A. F. Shields. 2,333,127; Nov. 2.
- Cutting machine. C. Halmrast. 2,319,128; May 11.
- Cutting machine. J. F. McCashen. 2,327,280; Aug. 17.
- Cutting machine. G. McNab. 2,323,875; July 6.
- Cutting machine. J. R. Mowery, Jr., and W. W. Gardner. 2,329,357; Sept. 14.
- Cutting machine. R. H. Noble and A. A. Campbell. 2,329,214; Sept. 14.
- Cutting machine. A. R. Thompson. 2,318,904; May 11.
- Cutting machine. C. B. Williams, Jr., and M. K. Koester. 2,328,405; Aug. 31.
- Cutting machine. E. M. Worden. 2,314,535; Mar. 23.
- Cutting machine, Corn. R. Cover. 2,332,894; Oct. 26.
- Cutting machine, Pole. C. W. Swanger. 2,320,056; May 25.
- Cutting machine, Sheet material. C. J. Johnson. 2,321,299; June 8.
- Cutting machine, Solder. D. Keller. 2,329,056; Sept. 7.
- Cutting mechanism, Vine. R. R. Wilson. 2,320,317; May 25.
- Cutting method and apparatus. J. F. Jehle. 2,335,515; Nov. 30.
- Cutting-off machine. F. G. Bovard. 2,327,863; Aug. 24.
- Cutting-off tool. D. T. Brownlee. 2,329,872; Sept. 21.
- Cutting-off tool. T. A. Milutin. 2,324,316; July 13.
- Cutting sheets of different lengths from traveling webs. H. J. Luehrs. 2,318,173; May 4.
- Cutting tool. C. O. Burgess and W. D. Forgeng. 2,331,245-6; Nov. 16.
- Cutting tool. G. F. Eglington. 2,334,755; Nov. 23.
- Cutting tool. A. Forberg. 2,310,579; Feb. 9.
- Cutting tool. R. P. Frye. 2,336,984; Dec. 11.
- Cutting tool. E. R. Greenbaum. 2,308,447; Jan. 12.
- Cutting tool. P. E. Strout. 2,323,497; July 6.
- Cutting tool. W. A. Wissler. 2,309,371-2; Jan. 26.
- Cutting tool for BX armored cable and tubing. J. K. Schaefer. 2,317,341; Apr. 27.
- Cutting tool having tip or insert of tungsten carbide or like hard materials. J. C. Gascoigne. 2,337,322; Dec. 21.
- Cutting torch attachment. J. L. Cook. 2,323,298; July 6.
- Cyanamides, Preparing disubstituted. R. O. Roblin, Jr., and I. Hechenbleikner. 2,311,281; Feb. 16.
- Cyanethyl starch ethers. L. H. Bock and A. L. Houk. 2,316,129; Apr. 6.
- Cyanhydrin of formisobutyraldol, Preparation of the. K. Warnat. 2,315,679; Apr. 6.
- Cyanidation of ore pulps with limited agitation. T. G. Chapman and V. W. Winters. 2,315,187; Mar. 30.
- Cyanine dye containing a tetrahydrobenzothiazole nucleus. L. G. S. Brooker and F. L. White. 2,336,463; Dec. 11.
- Cyanine dye containing a tetrahydrobenzothiazole nucleus. L. G. S. Brooker and F. L. White. 2,336,843; Dec. 11.
- Cyanine dyestuff intermediates. J. D. Kendall and J. R. Maier. 2,334,711; Nov. 25.
- Cyanooctyl couplers. C. F. H. Allen and P. W. Vittum. 2,313,498; Mar. 9.
- Cyanoethyl alpha chloracrylate. J. G. Lichty. 2,322,035; June 15.
- Cyanoethyl ether of tertiary amino alcohols. H. A. Trison. 2,326,721; Aug. 10.
- Cyanohydrins, Manufacture of. E. C. Britton, H. S. Nutting, M. E. Huscher, and A. R. Sexton. 2,311,636; Feb. 23.
- Cyano-imino compound, Production of a. F. K. Signaigo. 2,307,643; Jan. 5.
- Cyanomethyl chloroformate and preparing the same. I. Hechenbleikner. 2,307,679; Jan. 5.
- Cycle saddle. H. Mesinger. 2,331,213; Oct. 5.
- Cyclic acetals of formaldehyde and preparing them. W. Fitzky. 2,325,760; Aug. 3.
- Cyclic operations, Control of. R. C. Lassiat. 2,310,244; Feb. 9.
- Cycloalkylene phenols. J. B. Niederl. 2,332,867; Oct. 26.
- Cyclohexylidene ethyl cyanoacetate as an insecticide. W. Moore. 2,307,701; Jan. 5.
- Cyclopentano-polyhydrophenanthrene compounds and making the same. V. Logemann, H. H. Inhoffen and H. Eysenbach. 2,322,809; June 29.
- Cyclopentanopolypolyhydrophenanthrene ketols and esters thereof, Preparing. T. Reichstein. 2,312,484; Mar. 2.
- Cyclopentano-polyhydro-phenanthrene series and making same, Derivatives of the. K. Miescher and A. Wettstein. 2,310,150; Feb. 2.
- Cyclopentano polyhydrophenanthrene series, Manufacture of compounds of the. W. Logemann. 2,321,690; June 15.
- Cyclopropane, Preparing. W. G. Christiansen and J. M. Ort. 2,325,591; Aug. 3.
- Cyclopropane, Preparing. J. M. Ort. 2,325,628; Aug. 3.
- Cyclopropyl ether and preparing same. J. C. Krantz, Jr., and N. L. Drake. 2,330,979; Oct. 5.
- Cylinder. A. H. Haberstump. 2,330,420; Sept. 28.
- Cylinder adjuster for threshing machines. M. J. Gauss. 2,310,282; Feb. 9.
- Cylinder and making same. J. Tjaarda. 2,325,288; July 27.
- Cylinder bearer lubricator. W. F. Huck. 2,330,491; Sept. 28.
- Cylinder, Compound master. S. Schnell. 2,313,273-4; Mar. 9.
- Cylinder construction. A. H. Haberstump. 2,330,421; Sept. 28.
- Cylinder construction, Thresher. H. Maginn. 2,320,945; June 1.
- Cylinder construction, Thresher. M. Maginn. 2,336,693; Dec. 14.
- Cylinder covering mechanism. W. O. Sjogren. 2,334,357; Nov. 16.
- Cylinder, Dual. H. C. Gollmer. 2,329,044; Sept. 7.
- Cylinder, Dual threshing. J. E. Saunders. 2,330,451; Sept. 28.
- Cylinder for hydraulic braking systems, Master. K. Miller. 2,317,473; Apr. 27.
- Cylinder for opposed-piston internal combustion engines. J. Barraja-Raufenfelder and O. G. Schrom. 2,327,694; Apr. 24.
- Cylinder grinding tool. F. G. Wacker. 2,331,523; Oct. 12.
- Cylinder head construction for engines. L. M. Taylor. 2,337,577; Dec. 28.
- Cylinder head, Turbulence. D. P. Davies. 2,334,146; Nov. 9.
- Cylinder honing. V. W. Peterson and F. J. Daley. 2,332,747; June 1.
- Cylinder line puller. C. White. 2,319,980; May 11.
- Cylinder liner. V. R. Heftler. 2,312,817; Mar. 2.
- Cylinder lock. W. A. Brush. 2,307,106; Jan. 5.
- Cylinder lock, Adjustable. H. G. Voigt. 2,308,322; Jan. 12.
- Cylinder, Master. C. L. Eksergian. 2,308,501; Jan. 19.
- Cylinder oil, Steam. F. H. MacLaren. 2,316,347; Apr. 13.
- Cylinder pumping unit, Inverted. B. Henderson. 2,316,429; Apr. 13.
- Cylinder, Servo. C. L. Paulus. 2,307,067; Jan. 5.
- Cylinder supporting and protective device. R. C. Pierson and W. G. Schepman. 2,313,965; Mar. 16.
- Cylinder, Thresher. A. E. W. Johnson and R. D. Acton. 2,327,901; Aug. 24.
- Cylinder, Work. M. W. Huber. 2,312,412; Mar. 2.
- Cylinders, pump liners, and the like, Method of hardening. T. H. Nelson. 2,317,211; Apr. 20.
- Cylindrical drums, Transmission of motion to. D. C. Scott. 2,335,455; Nov. 30.
- Cylindrical grinding machine. C. G. Flygare and S. S. Dado. 2,327,255; Aug. 17.
- Cylindrical powder container. A. E. Cullen. 2,326,839; Aug. 17.
- Cylindrical surface of internal combustion engines. H. R. Ricardo and J. F. Alcock. 2,320,830; June 1.
- Dado and gain saw. J. P. Weddle and J. W. Meyers. 2,320,539; June 1.
- Dairy animal restraining arm. A. V. Borkey. 2,328,188; Aug. 31.
- Dairy sediment trap. G. K. Thompson. 2,325,890; Aug. 3.
- Dam gate. J. Kalix. 2,311,666; Feb. 23.
- Damming device. C. T. Peacock. 2,308,536; Jan. 19.
- Damming device. W. H. Silver and J. I. Cantral. 2,318,562; May 4.
- Dampener, Torsional vibration. H. Nutt. 2,314,948; Mar. 30.
- Dampening and motion transmission mechanism for gauges. W. J. Kiene. 2,325,326; July 27.
- Dampening apparatus for aircraft tail wheels. Shimmy. E. L. Potter and B. E. O'Connor. 2,336,567; Dec. 14.
- Dampening roll for printing presses. J. F. Jirousek. 2,320,523; June 1.
- Damper. A. J. Filkins. 2,328,332; Aug. 31.
- Damper. C. A. Otto. 2,317,793; Apr. 27.
- Damper. C. A. Otto. 2,320,007; May 25.
- Damper controller. J. E. Haines, G. F. Laing, and S. W. Nickells. 2,310,364; Feb. 9.
- Damper. Electrodynamic oscillation. N. Ericson. 2,320,721; June 1.
- Damper for furnaces and the like. R. E. Young. 2,319,652; May 18.
- Damper, Lever. H. Barnett. 2,331,758; Oct. 12.
- Damper regulator. L. E. Heasley and W. C. De Roo. 2,323,038; June 29.
- Damper regulator. E. O. Young. 2,311,195; Feb. 16.
- Damper, Torsional vibration. P. S. Vaughan. 2,317,090; Apr. 20.
- Damping and cushioning arrangement for measuring instruments. J. A. Widmer. 2,310,503; Feb. 9.
- Damping and cushioning device for springs. D. W. Sherman. 2,337,281; Dec. 21.
- Damping magnet system. A. R. Nobbs. 2,309,414; Jan. 26.
- Damping unit for watt-hour meters. S. S. Green. 2,323,465; July 6.
- Dancing toy. O. M. Monkres. 2,334,212; Nov. 16.
- Darning device. W. Hofgesang. 2,325,515; July 27.
- Darning device. O. Myslik. 2,323,671; July 6.
- Darning light. A. J. Bloodgood. 2,323,292; July 6.
- Darning machine. E. G. Ahnström. 2,326,744; Aug. 17.

- Dart, Gliding, E. Lambert, 2,313,948; Mar. 16.
 Dashiport, H. K. Kouyoumjian, 2,327,722; Aug. 24.
 Date indicator primarily for use with timepieces, T. H. Harrison, 2,330,280; Sept. 28.
 Davenport, J. M., Convertible, T. F. Cooney, 2,328,240; Aug. 31.
 Davenport Bed, H. W. Young, 2,335,026; Nov. 23.
 Davit, Gravity, W. E. Elling, 2,319,854; May 25.
 Davit, Luffing, A. P. Schat, 2,332,871; Oct. 26.
 Dead-end tool, J. W. Conrad, 2,319,587; May 18.
 Dealkylation of alpha, beta-bis-(chloroalkenyl)-alpha, beta-disubstituted ethanes and the rho, rho'-dialkoxy-alpha, beta-disubstituted stilbenes, J. Corse, 2,325,307; July 27.
 Deburning machine, W. R. Edyvean, 2,327,407; Aug. 24.
 Decalcomania, F. W. Humphner, 2,337,242; Dec. 21.
 Deck assembly for cooling towers, Splash, L. T. Mart, 2,330,901; Oct. 5.
 Deck, Buttle, J. A. Gibb, 2,320,073; May 25.
 Deck, Portable, G. G. Greulich, 2,310,426-7; Feb. 9.
 Deck, Portable, G. G. Greulich, 2,332,968; Oct. 26.
 Decimal point indicating mechanism, L. E. Boyd, 2,329,180; Sept. 14.
 Decimal point indicating mechanism, G. C. Ellerbeck, 2,329,190; Sept. 14.
 Decimal point indicating mechanism, E. E. Reynolds, 2,329,218; Sept. 14.
 Decoding apparatus and method, G. W. Baughman, 2,309,743; Feb. 2.
 Decolating machine, W. C. Pfeiffer, 2,334,283; Nov. 16.
 Decorating apparatus, C. A. Heyne, 2,307,404; Jan. 5.
 Decorating device, H. Wechsler, 2,320,496; June 10.
 Decorating press, H. C. Hebenstreit, 2,335,810; Nov. 30.
 Decorative device for food displays, R. J. Shaw and J. R. Shavsky, 2,332,816; Oct. 26.
 Decorative sheeting, Forming, M. L. Piker, 2,336,292; Dec. 7.
 Decortiating machine, W. A. Boyce, 2,323,280; June 19.
 Decoy, J. H. Mills, 2,313,353; Mar. 9.
 Decoy airplane, C. E. Buchtel, 2,334,539; Nov. 16.
 Dedusting process and the product thereof, J. W. Bodmann, 2,329,694; Sept. 21.
 Deep well pump, W. J. Crites, 2,309,383; Jan. 26.
 Deep well pump, W. J. Crites, 2,309,827; Feb. 2.
 Deep well pump, T. S. Harris, 2,327,637; Aug. 24.
 Deep well screen, C. E. Boder Jr., 2,310,507; Feb. 9.
 Defect detecting and removing apparatus, C. Farrow, 2,309,343; Jan. 26.
 Defect detector for tubes, J. R. Drummond, M. Fleischmann, and P. Klump, 2,308,159; Jan. 12.
 Deflecting tool, J. D. Isaacks and R. Jones, 2,319,236; May 18.
 Deflection generator, P. A. Richards, 2,329,137; Sept. 7.
 Deflector, Brenth, C. E. Danison, 2,331,539; Oct. 12.
 Deflector for gas ranges, Oven flue, H. H. Ring, 2,329,853; Sept. 21.
 Deflector for grain, E. F. Bissell, 2,310,610; Feb. 9.
 Deflector ring, W. F. Peterson, 2,320,050; May 25.
 Deflector, Torpedo, A. A. Juble, 2,333,390; Nov. 2.
 Defoliation, T. L. Wilkerson, 2,329,689; Sept. 14.
 Degenerative expander-compressor circuit, E. M. Sorensen, 2,307,303; Jan. 5.
 Degradation products containing carboxyl groups from compounds of the oestrane series and making the same, W. Hohlweg and H. H. Inhoffen, 2,318,609; May 11.
 Degreaser, J. P. Black, 2,318,455; May 4.
 Degreasing apparatus, W. D. Phillips and R. A. Van Fossen, 2,329,674; Sept. 14.
 Dehumidifying apparatus, F. O. Anderegg, 2,336,456; Dec. 11.
 Dehydrating apparatus, H. C. French, 2,319,673; May 18.
 Dehydrating compartment, A. F. Wild, 2,311,425; Feb. 16.
 Dehydrating press, E. G. Loomis, 2,331,126; Oct. 5.
 Dehydration process, B. G. Freund, 2,329,600; Sept. 14.
 Dehydrator, W. W. O'Neal and R. D. Williams, 2,334,949; Nov. 23.
 Dehydrator, E. L. Roberts, 2,321,858; June 15.
 Dehydrator, H. D. Stecher and J. N. Paquin, 2,323,160; June 29.
 Dehydroabietane and producing, W. P. Campbell, 2,331,596; Oct. 12.
 Dehydroabietic acid derivatives, E. R. Littmann, 2,319,696; May 18.
 Dehydroabietinal and producing, W. P. Campbell, 2,319,976; May 25.
 Dehydroaromatization, E. T. Layng and R. F. Marschner, 2,324,165; July 13.
 Dehydroaromatization and hydro-forming, R. F. Marschner, L. Heard and A. G. Oblad, 2,322,863; June 29.
 Dehydroaromatization system, W. B. Plummer, 2,335,610; Nov. 30.
 Dehydrogenation process, B. S. Greensfelder and R. C. Archibald, 2,337,191; Dec. 21.
 Dehydrogenation process, G. E. Liedholm, R. M. Cole and I. I. Shultz, 2,322,857; June 29.
 Dehydrohalogenation of halogenated organic compounds, C. J. Strosacker and F. C. Amstutz, 2,322,525; June 22.
 Deicer for aircraft propellers, W. C. Clay, 2,334,175; Nov. 16.
 Deicing device for airplane propellers, wings, and the like, J. D. Altemus, 2,317,019; Apr. 20.
 Deicing means for propellers, E. W. Morris and J. H. Sheets, 2,335,018; Nov. 23.
 Delcing mechanism, C. H. Peter and E. C. Boos, 2,309,010; Jan. 19.
 Delay action mechanism for snap switches, E. L. Sharp, 2,324,730; July 20.
 Delayed closing automatic water discharge valve, P. E. Waugh, 2,325,925; Aug. 3.
 Delinter, J. B. Ricker, 2,310,598; Feb. 9.
 Delinter, J. B. Ricker, 2,331,423; Oct. 12.
 Delivery case, F. G. Chambliss, 2,324,905; July 20.
 Delivery cooler for packaged goods, W. C. Ferris, 2,309,055; Jan. 19.
 Delivery mechanism for conveyers, Selective, S. Olson, 2,315,075; Mar. 30.
 Delivery mechanism for printing presses, C. S. Crafts, 2,308,862; Jan. 19.
 Delivery receptacle, O. Johnson, 2,330,367; Sept. 28.
 Delivery valve, L. Beech, 2,318,449; May 4.
 Delta-cholone-3 and producing the same, A. Butenandt, 2,320,847; June 1.
 Delta-cholone-17-one-3 containing an unsaturated side-chain in 17-position and derivatives thereof, manufacture of H. H. Inhoffen, W. Hohlweg and W. Logemann, 2,323,911; July 13.
 Delta Q-meter, W. D. Loughlin, 2,337,759; Dec. 28.
 Demodulation system, M. Cawein, 2,329,877; Sept. 21.
 Demonstration device, E. G. Barton, 2,324,194; Aug. 10.
 Demonstration set, M. B. Adams, 2,317,124; Apr. 20.
 Densifiable material container, R. F. Fitch, Z. M. Lane, and R. A. Norborn, 2,310,948; Feb. 16.
 Demountable freight container, B. F. Fitch and R. A. Norborn, 2,317,985; May 4.
 Demulsifying and settling tank, W. M. Mount, 2,326,384; Aug. 10.
 Denaturants, H. M. Kvalnes, 2,331,032; Oct. 5.
 Denaturant, N. O. Tuttle and W. Bornemann, 2,311,101; Feb. 16.
 Density compensator for flow meters, J. P. Voller and E. R. Loud, 2,312,944; Mar. 2.
 Density measuring apparatus, W. H. Kidd, 2,328,460; Aug. 31.
 Density periclase, Manufacture of high, T. Woodward, 2,335,374; Nov. 30.
 Dental amalgam mixer, E. J. Kresse, 2,308,450; Jan. 12.
 Dental amalgamator, E. L. Chott, 2,334,315; Nov. 16.
 Dental and mouth cleansing means, B. Boysen, 2,318,365; May 4.
 Dental apparatus, R. E. Hawkinson, 2,307,677; Jan. 5.
 Dental apparatus, H. H. Leib, 2,310,448; Feb. 9.
 Dental apparatus, N. Opotow, 2,334,270; Jan. 26.
 Dental appliance, L. K. Mobley, 2,335,298; Nov. 30.
 Dental articulator and orienting casts thereon, T. R. Moore, 2,334,643; Nov. 16.
 Dental bridge, M. C. Lasky, 2,314,094; Mar. 16.
 Dental bridge prosthesis, Preparation of, K. A. S. Karlström, 2,318,402; May 4.
 Dental burr and hand-piece assembly, M. M. Ellman, 2,310,409; Feb. 9.
 Dental crowns, Manufacture of, I. L. Meier, 2,317,103; Apr. 20.
 Dental equipment stand, R. C. Angell, 2,317,971; May 4.
 Dental impression compound, C. V. Gross, 2,325,051; July 27.
 Dental impression material, V. V. Vallandigham, 2,315,465; Mar. 30.
 Dental instrument, O. G. McKenzie, 2,327,203; Aug. 17.
 Dental instrument, Painless drilling, J. C. Shotton, 2,315,016; Mar. 30.
 Dental investment material, P. W. Lee and C. Dietz, 2,333,430; Nov. 2.
 Dental plates, Making, F. W. Mandel, 2,320,826; June 1.
 Dental prosthesis, System of, E. V. Olasaga and J. S. T. Solis, 2,311,992; Feb. 23.
 Dental resin, R. C. Feagin and E. H. Prange, 2,318,845; May 11.
 Dental restoration, W. A. Werner, 2,317,008; Apr. 20.
 Dental separator, H. A. True, 2,311,141; Feb. 16.
 Dental tool grinder, J. H. Revell, 2,324,025; July 13.
 Dental rumber supply valve part, H. P. Siegel, 2,336,132; Dec. 7.
 Dental unit, B. Jankelson, 2,308,812; Jan. 19.
 Dental work, Producing, F. Tryfus, 2,333,833; Nov. 9.
 Dentifrice, A. L. Omohundro and E. C. Fanto, 2,317,297; Apr. 20.
 Dentist's apron holder, R. H. Bruni, 2,333,357; Nov. 2.
 Denture, M. R. Stein and H. Karlin, 2,322,325; June 22.
 Denture, U. S. Walton, 2,314,674; Mar. 23.
 Denture anchor, L. G. Cody, 2,337,029; Dec. 21.
 Denture, Partial, C. N. Skinner, 2,323,685; July 6.
 Dentures and apparatus therefor, Making artificial, L. Jones, 2,311,836; Feb. 23.
 Dentures, Making, J. V. Conway and W. P. Crockett, 2,311,158; Feb. 16.

- Dentures, Making artificial. A. J. Bigger and E. E. Francis, Jr. 2,334,898; Nov. 23.
- Deoanures, Method of and apparatus for making. J. D. Schwartz. 2,316,631; Apr. 13.
- Deodorant. R. I. Grady. 2,317,908; Apr. 27.
- Deodorant. C. E. Loetel. 2,310,099; Feb. 2.
- Deodorant and germicide and process of making same. Combined. W. R. Steele. 2,328,690; Sept. 7.
- Deodorized sulphur-bearing composition. C. F. Prutton and H. E. Johnson. 2,319,630; May 18.
- Deodorizer. H. W. Sanford. 2,329,221; Sept. 14.
- Deodorizing device. N. A. Glaskowsky. 2,315,697; Apr. 6.
- Deoiled sludge in combination with acid recovery, Preparation of. R. P. Ferguson and I. P. Jones. 2,312,756; Mar. 2.
- Depilatory. J. N. Borglin. 2,326,609; Aug. 10.
- Depilatory abrasive pad. N. M. Lurrain. 2,311,060; Feb. 16.
- Depilatory composition. C. H. Cox. 2,327,507; Aug. 24.
- Depilatory pad. B. Kapp. 2,329,054; Sept. 7.
- Depolymerizing olefinic polymers. P. L. Cramer. 2,320,851; June 1.
- Depositing machine. G. S. Suppiger. 2,332,026; Oct. 19.
- Depth controlling mechanism, Automatic. T. Brown. 2,318,194; May 4.
- Depth gauge. H. B. Combes. 2,336,393; Dec. 7.
- Depth gauge. G. G. Stern. 2,337,690; Dec. 28.
- Derivatives of alcohol amine condensation products, Acid-reacting. W. Kritebsky. 2,325,062; July 27.
- Derivatives of amide material, Preparing. E. E. Novotny and G. K. Vogelang. 2,335,603; Nov. 30.
- Derivatives of cyclic aminoaliphatic amines. F. E. Mietzsch, J. Klarer and R. Behnisch. 2,335,599; Nov. 30.
- Derivatives of dihydro-pyridine and their manufacture. M. Hoffer. 2,334,490; Nov. 16.
- Derivatives of dimethyl urea, Preparation of. J. A. Murray and A. W. Kassay. 2,324,417; July 13.
- Derivatives of pregnane and pregnene. T. Reichstein. 2,312,480; Mar. 2.
- Derivatives of rubber, Condensation. T. C. Morris. 2,311,770; Feb. 23.
- Derivatives of saturated or unsaturated pregnane-diones Substituted. T. Reichstein. 2,312,481; Mar. 2.
- Derivatives of sulphones, Therapeutically valuable. M. Dehman, W. Schoeller, R. A. Laubereau, H. Fox, E. Leckzyk and H. H. Lohoffen. 2,328,548; Sept. 7.
- Derivatives of the cyclopentanophenylhydrophenanthrene series. T. Reichstein. 2,312,482; Mar. 2.
- Derivatives of tropic acid amide and manufacture thereof. W. Wenner. 2,320,497; June 1.
- Derivatives of unsaturated compounds and making. L. J. Lockham. 2,336,387; Dec. 7.
- Derrick. T. B. Lewis. 2,322,150; June 15.
- Derrick frame. W. G. Tuttle. 2,319,893; May 25.
- Derrick or the like, Oil field. C. L. Fox. 2,308,652; Jan. 19.
- Derrick, Portable. J. McEwen. 2,331,559; Oct. 12.
- Derrick, Portable. J. McEwen and J. P. Selberg. 2,331,558; Oct. 12.
- Derrick, Portable. J. P. Selberg. 2,313,897; Mar. 16.
- Derrick, Portable. J. P. Selberg, L. Stamps and J. McEwen. 2,336,305; Dec. 7.
- Derrick supporting member. A. E. Cuthrell. 2,308,157; Jan. 12.
- Derrick, Traller. O. R. Rowe. 2,327,461; Aug. 24.
- Desalting crude. D. S. Mellett. 2,319,188; May 11.
- Desoeding and cleaning machine. M. C. Widger. 2,313,791; Mar. 16.
- Desiccating apparatus. H. I. Andrews. 2,326,512; Aug. 10.
- Desiccating apparatus. E. Le B. Benoit. 2,330,545; Sept. 28.
- Desiccating apparatus and method. D. D. Peebles and P. D. V. Manning. 2,333,333; Nov. 2.
- Design in polarizing material and manufacturing same. E. H. Land. 2,329,543; Sept. 14.
- Designs onto rubber articles, Applying colored. J. Loewengart. 2,313,650; Mar. 9.
- Designs Reproducing. O. R. Huggins. 2,333,251; Nov. 2.
- Desk. B. and W. J. Barger. 2,329,020; Sept. 7.
- Desk. J. R. Jones. 2,328,019; Aug. 31.
- Desk of the scriptoscope type, Lecture and projection. D. Katz. 2,309,120; Jan. 26.
- Desk pad. C. Goldstein. 2,308,654; Jan. 19.
- Desk, Portable. G. E. Chesler. 2,325,039; July 27.
- Desk set. C. G. Gregory. 2,334,191; Nov. 16.
- Desk set. P. C. Hull. 2,308,810; Jan. 19.
- Desk, Table-top. S. M. Coolester. 2,313,050; Mar. 9.
- Desk, Typewriter. A. Balster. 2,316,756; Apr. 20.
- Desk, Typewriter. F. L. W. Link. 2,315,436; Mar. 30.
- Desludging mechanism. G. E. Beardsley, Jr. 2,330,024; Sept. 21.
- Desulphurizing apparatus. R. P. Heuer. 2,319,402; May 18.
- Desulphurizing hydrocarbon distillate. G. Egloff. 2,325,115; July 27.
- Desurfacing apparatus and process. I. P. Thompson and E. Meinecke. 2,317,495; Apr. 27.
- Desurfacing machine, Automatic. E. Chelborg. 2,308,646; Jan. 19.
- Detachable bits and the like and apparatus therefor, Forging and refinishing. G. E. Boyce. 2,310,675; Feb. 9.
- Detachable coupling. W. N. Glab. 2,333,243; Nov. 2.
- Detachable footwear pad. C. and E. Mayer. 2,313,252; Mar. 9.
- Detacking apparatus. J. H. Roy. 2,334,038; Nov. 9.
- Detecting and throwout device. J. F. Peters. 2,337,064; Dec. 21.
- Detecting flaws in magnetizable bodies. Method and apparatus for. W. C. Barnes and H. W. Keevil. 2,317,719-21; Apr. 27.
- Detecting flaws, Method and apparatus. W. C. Barnes. 2,317,721; Apr. 27.
- Detecting means for presses. E. V. Crane. 2,329,392; Sept. 14.
- Detection for color blindness. P. B. Wiltberger. 2,328,700; Sept. 7.
- Detector and automatic volume control circuit for frequency-modulation receivers. C. T. McCoy. 2,330,902; Oct. 5.
- Detector for pressure wave translation systems. C. P. Walker and E. E. Simmons. 2,324,340; July 13.
- Detector, Frequency modulation. S. Hunt. 2,323,603; July 6.
- Detector, Leak. J. A. Hill. 2,330,972; Oct. 5.
- Detector, Rail fissure. D. C. Bettison. 2,307,446; Jan. 5.
- Detector, Signaling deviation. F. M. and J. A. Varney. 2,329,732; Sept. 21.
- Detector, Tubing wear. A. H. Brandon. 2,322,343; June 22.
- Design and making it. E. E. Dreger and J. Ross. 2,321,020; June 8.
- Detergent and sterilizing composition. V. M. Kalusdian. 2,320,280; May 25.
- Detergent composition. C. R. Caryl. 2,314,840; Mar. 23.
- Detergent composition. V. M. Kalusdian. 2,320,279; May 25.
- Detergent compositions. G. C. Toone and L. H. Flett. 2,316,194; Apr. 13.
- Detergent compositions, Preparing. E. A. Robinson. 2,333,443; Nov. 2.
- Detergent compositions, Preparing stable. E. A. Robinson. 2,333,444; Nov. 2.
- Detergent dispenser. S. J. Miller. 2,317,548; Apr. 27.
- Detergents, Manufacture of sulphonated. R. Riegler. 2,330,922; Oct. 5.
- Determining and regulating the mass of a component gas per unit volume of a gaseous mixture. H. J. Rand. 2,323,675; July 6.
- Determining friability. H. W. Anway. 2,324,126; July 13.
- Determining manganese in the presence of iron. W. D. Brown. 2,319,580; May 18.
- Detonation measurement. K. R. Eldredge. 2,337,522; Dec. 21.
- Detonator. S. B. Large and G. F. Rolland. Re. 22,285; Mar. 9.
- Developer for diazo prints. C. A. Crowley and J. B. Mullen. 2,308,058; Jan. 12.
- Developing apparatus. H. D. Forse. 2,325,120; July 27.
- Developing device. H. G. Macdonald and J. H. Hruby. 2,336,875; Dec. 14.
- Device adapted to eliminate oscillations. F. M. M. B. Salomon. 2,313,024; Mar. 2.
- Device as an aid in shoe fitting. I. E. Hewitt, Jr. 2,312,410; Mar. 2.
- Device, Combination stereoscopic pictures and viewing. S. Richardson and P. N. Hopkins. 2,322,393; June 22.
- Device for a game of numbers. S. M. Goloborodko. 2,333,002; Oct. 26.
- Device for aiding in hairdressing. E. G. Danilla. 2,328,374; Aug. 31.
- Device for airchutes. R. Tauty. 2,314,433; Mar. 23.
- Device for and method of making filled frozen confections. H. A. Wedin. 2,334,052; Nov. 9.
- Device for automatically indicating breakdown in kiln conveyors. V. Granditz. 2,313,638; Mar. 9.
- Device for applying back pressure to forgings in draw bench pressing. L. R. Layman. 2,335,154; Nov. 23.
- Device for boats, Antigrounding. C. A. Goins. 2,322,628; June 22.
- Device for brewing and dispensing beverages. J. Armstrong. 2,328,599; Sept. 7.
- Device for brewing and dispensing beverages. J. Armstrong. 2,334,533; Nov. 16.
- Device for carving machine structures, Drum cleaning. J. N. Kirby and E. W. Grunke. 2,320,138; May 25.
- Device for changing the pH of fermentescible liquids. J. R. E. Sandstrom. 2,322,545; June 22.
- Device for checking the profile of workpieces. C. H. Björkholm. 2,332,983; Oct. 26.
- Device for cleaning side wall ports in cylinders. E. Wotton. 2,321,756; June 15.
- Device for closing and carrying containers. J. F. Springborn. 2,314,252; Mar. 16.
- Device for compressing rings or the like. V. F. Zahodlian. 2,311,919; Feb. 23.
- Device for conditioning oil. A. R. Thompson. 2,312,604; Mar. 2.
- Device for connecting hose pipes to faucets. J. Gorrien. 2,326,213; Aug. 10.

- Device for connecting sheet metal panels. H. W. Kost. 2,321,755; June 13.
- Device for controlling the transmission of power to pumps. J. C. Myers. 2,326,668; Aug. 10.
- Device for correcting last models. O. S. Porter and L. A. Carrell. 2,336,033; Dec. 7.
- Device for counting the number of picks in a fabric. A. Eddy. 2,326,769; Aug. 17.
- Device for covering and locking nuts. C. T. Pfeueger. 2,307,747; Jan. 12.
- Device for damping pressure. H. D. Green. 2,311,381; Feb. 16.
- Device for defense against the attack of high-speed torpedo boats. M. C. Schwab. 2,327,463; Aug. 24.
- Device for delivering measured quantities of liquid. F. W. Berwick and A. G. Berwick. 2,314,384; Mar. 23.
- Device for determining flow volume of treating liquids. G. Raymond. 2,320,447; June 1.
- Device for determining inclination of well bores. D. H. Weinstein and L. H. Metzner. 2,309,877; Feb. 2.
- Device for determining length of walking sticks to suit purchaser. G. W. Younger. 2,330,535; Sept. 28.
- Device for determining the contents of rolls of oilcloth. H. H. Olsen. 2,330,909; Oct. 5.
- Device for determining the strata traversed by drill holes. H. G. Doll. 2,317,259; Apr. 20.
- Device for dispensing liquid in the form of spray. C. L. Gebauer. 2,313,930; Mar. 16.
- Device for dispensing tape. C. S. Jackson. 2,333,378; Nov. 2.
- Device for distributing portions of pulverous, granular, or other material. G. Oström. 2,311,347; Feb. 16.
- Device for dividing and proportioning liquids. R. P. Krammer. 2,331,399; Oct. 12.
- Device for drawing off welts. W. Heinits. 2,308,226; Jan. 12.
- Device for drawing off welts. O. Worm. 2,308,237; Jan. 12.
- Device for exhibiting transparencies. R. S. Hopkins. 2,322,023; June 15.
- Device for electric welding. G. L. Collins. 2,325,743; Aug. 3.
- Device for fabricating pump impellers. W. H. Curtis. 2,310,841; Feb. 9.
- Device for facilitating the reading of manuscripts. A. Forner. 2,325,499; July 27.
- Device for fastening insulating spacers in concentric transmission lines. C. W. Hansell. 2,335,591; Nov. 30.
- Device for folding doors. Control. R. L. Lévy. 2,322,372; June 22.
- Device for forming and slicing butter and the like. C. L. Hayman and W. M. Fountain. 2,324,208; July 13.
- Device for frying doughnuts or the like. P. K. Winter. 2,317,704; Apr. 27.
- Device for gauging liquids in containers under pressure. H. O. Parsons. 2,322,660; June 22.
- Device for gripping rods and the like. G. E. Fritts. 2,314,821; Mar. 23.
- Device for handling incendiary bombs. E. Wilcox. 2,315,831; Apr. 6.
- Device for holding garbage cans. H. B. Fallis. 2,314,331; Mar. 23.
- Device for holding multiple-part forms. H. M. Warren. 2,311,717; Feb. 23.
- Device for indicating enureasis to prevent bed wetting. F. H. Jacobson. 2,321,683; June 15.
- Device for indicating exposure time of printed pages. A. W. Barber. 2,337,534; Dec. 28.
- Device for indicating improper trigger pulling. P. Fidelman. 2,325,599; Aug. 3.
- Device for indicating the concentration, density and dilution of liquids and solutions. E. W. Sherrard. 2,328,853; Sept. 7.
- Device for indicating the contents of vessels. H. J. Baker. 2,303,146; Jan. 12.
- Device for injectively treating plants. W. Hecht. 2,309,391; Jan. 26.
- Device for inserting wire coils in tapped holes. N. Evans. 2,316,231; Apr. 13.
- Device for installing electrical wall fixtures. G. L. Parkes. 2,329,481; Sept. 14.
- Device for location of a source of radiation. A. Graves and R. E. Prichard. 2,334,085; Nov. 9.
- Device for laying down or measuring angular values. H. B. Porter and S. F. Fahringer. Re. 22,250; Jan. 12.
- Device for liquid fuel burners. Liquid spraying. A. Bargeboer. 2,323,001; June 29.
- Device for liquids. Measuring. F. W. Guilbert and F. B. Fuller. 2,322,436; June 22.
- Device for location of a source of radiation. A. Graves and R. E. Prichard. 2,334,085; Nov. 9.
- Device for locking saw blades in frames. A. N. Blum. 2,335,141; Nov. 23.
- Device for loom shuttles. Thread tension. J. E. Johnson. 2,322,364; June 22.
- Device for making frozen confections. E. E. Lindsey. 2,317,624; Apr. 27.
- Device for making perforated resilient covered rolls. W. M. Nash. 2,311,554; Feb. 23.
- Device for making rear sights for firearms. H. E. Dickerman. 2,314,574; Mar. 23.
- Device for measuring gas leakage. M. F. Peters and J. P. Boston. 2,330,236; Sept. 28.
- Device for measuring twists of loaded shafts. E. H. Lamberger and B. F. Langer. 2,329,121; Sept. 7.
- Device for mounting wall cabinets. C. E. Kirch. 2,314,713; Mar. 23.
- Device for opening and emptying cartons. S. G. Seidel and R. P. Lowne. 2,323,852; July 6.
- Device for operating change speed gears in motor vehicles. G. Meyer. 2,312,433; Mar. 2.
- Device for operating machines from control tapes. R. Hofgaard. 2,337,553; Dec. 28.
- Device for operating upon shoes. J. L. Jones. 2,307,136; Jan. 5.
- Device for paper feed rollers. J. F. S. de Albuquerque. 2,325,234; July 27.
- Device for positioning and forming apertures. W. Dzus. 2,334,614; Nov. 16.
- Device for preventing backflow in liquid-carrying lines. C. W. Holtman. 2,325,956; Aug. 3.
- Device for preventing separation of picker stick feet and stands. J. W. Jones. 2,332,853; Oct. 26.
- Device for preventing speed oscillations and vibrations of the rotary members of machines. F. M. M. B. Salomon. 2,316,268; Apr. 13.
- Device for producing homogenous material. F. F. Pease. 2,335,306; Nov. 30.
- Device for producing tubular bodies. W. Friedrichs and H. Geffcken. 2,331,969; Oct. 19.
- Device for propelling boats. C. F. Gorr. 2,333,171; Nov. 2.
- Device for providing refrigerants in containers. L. M. and H. Harvey and R. Hill. 2,316,423; Apr. 13.
- Device for radial drill arm elevating screws. Safety. W. G. Hoelscher. 2,317,060; Apr. 20.
- Device for raising the wheels of vehicles and supporting the same in raised position. J. M. Westrate. 2,312,856; Mar. 2.
- Device for reducing eddy current losses in stator end plates. P. Waldvogel. 2,310,501; Feb. 9.
- Device for refrigerated beverages. A. L. Hann. 2,318,309; May 4.
- Device for regulating the sensitivity of signal receiving apparatus. R. Wellenstein, W. Holle, and M. Schumacher. 2,329,570; Sept. 14.
- Device for removing gas from molded dough. H. W. Sawyer. 2,309,543; Jan. 26.
- Device for remote control. G. Wunsch and A. Krißmann. 2,319,303; May 18.
- Device for remote supervision of a periodical motion. W. Stern. 2,333,210; Nov. 2.
- Device for removing and installing camshaft bushings. P. G. Rader. 2,317,405; Apr. 27.
- Device for removing corn from ears. J. B. Meek. 2,326,873; Aug. 17.
- Device for removing curvature from metallizing wires. A. P. Shepard. 2,318,019; May 4.
- Device for removing meats and the like from containers. P. S. Bailey. 2,334,535; Nov. 16.
- Device for removing superfluous hair. R. E. Andrews and S. Lowen. 2,328,856; Sept. 7.
- Device for restricting movement of an animal's neck and head. F. C. Marmet. 2,313,833; Mar. 16.
- Device for shaping sheet metal. D. Cross. 2,327,177; Aug. 17.
- Device for sharpening lawn mowers. R. S. Martin. 2,307,526; Jan. 5.
- Device for simulating certain sound effects. N. R. Kelly. 2,314,092; Mar. 16.
- Device for smokers' pipes. E. J. Jacob. 2,308,758; Jan. 19.
- Device for smokers' pipes. E. J. Jacob. 2,313,343; Mar. 9.
- Device for spooling reds and like cable. B. L. Opsal. 2,326,556; Aug. 10.
- Device for sterilizing glasses and the like. W. E. Doughty. 2,326,018; Aug. 3.
- Device for storing toy logs and loading toy cars therewith. R. G. Smith. 2,312,450; Mar. 2.
- Device for stripping blades. Adjustable. S. Pickens. 2,315,652; Apr. 6.
- Device for supporting smokers' pipes. W. Kahn. 2,317,534; Apr. 27.
- Device for surveying well bores. E. M. Irwin, B. H. Rule and G. E. Lewis. 2,309,905; Feb. 2.
- Device for testing fluids. E. G. Reese. 2,316,019; Apr. 6.
- Device for testing focal plane camera shutters. T. Temple. 2,314,254; Mar. 16.
- Device for the axial coupling of two cylindrical parts by means of threads. A. Bechler. 2,328,602; Sept. 7.
- Device for the comparative balancing of golf clubs and other implements used in sport. A. W. Chapman. 2,307,877; Jan. 12.
- Device for the continuous fastening of slide fastener elements on slide fastener bands. A. Süskind. 2,321,951; June 15.
- Device for the control of inflatable membranes in milking machines. W. R. Cockburn. 2,321,995; June 15.
- Device for the control of the fuel supply of engines. R. Hauguel. 2,313,000; Mar. 2.
- Device for the distribution of stock on the wire parts of paper making machines. K. A. Thorsen. 2,329,799; Sept. 21.

- Device for the parallel guidance of dental tools. K. A. S. Karlstrom. 2,318,403; May 4.
- Device for the protection of the guiding surfaces of the slides of machine tools. M. H. Rumpf. 2,322,972; June 29.
- Device for transmission of heat. P. A. Astradsson. 2,338,018; Dec. 28.
- Device for transmitting the movement of a cam to another part of a machine tool. A. Bechler. 2,322,340; June 22.
- Device for trimming lawns. W. J. Rowan. 2,318,334; May 4.
- Device for use in examining teeth. H. L. Frank. 2,330,485; Sept. 28.
- Device for use in packing cans and the like. W. J. De Reamer. 2,314,198; Mar. 16.
- Device for use in refinishing fulling mill rolls. B. S. Robinson. 2,326,066; Aug. 3.
- Device for viewing transparencies. L. E. Rubel. 2,313,453; Mar. 9.
- Device for viewing transparent objects. W. N. de Sherbinin. 2,313,737; Mar. 16.
- Device for washing glasses and the like. W. E. Doughty. 2,326,017; Apr. 3.
- Device for winding armatures. V. C. Mironowicz. 2,329,409; Sept. 14.
- Device for withdrawing brake air from Diesel engine cylinders. K. Schwaiger. 2,322,978; June 29.
- Device from a plurality of plastic members, the products thereof and a prepared material for use therein, Forming. R. Anderson. 2,308,483; Jan. 19.
- Device, Fusible electric protective. E. H. Taylor. 2,321,711; June 15.
- Device or apparatus for treating hair. A. Shelby and C. F. Hilgeman. 2,316,894; Apr. 20.
- Device or attachment for lifting boxes and the like. W. E. Korner. 2,314,792; Mar. 23.
- Device permitting the reading of maps, manuscripts, printed matter, etc., in the dark. S. Hermann. 2,334,766; Nov. 23.
- Device responsive to changes in density of liquids. G. M. Croft. 2,320,720; June 1.
- Device, Safety locking. A. F. Huber. 2,320,779; June 1.
- Device, Sanding. R. C. Kirk. 2,321,395; June 8.
- Device, Spray. D. P. Hunter. 2,322,296; June 22.
- Device, Spring shackle. B. Martins. 2,323,065; June 29.
- Device to facilitate drawing of straight lines. J. E. En-tiken. 2,331,669; Oct. 12.
- Device to prevent singles in double-end yarn operation. W. C. Gill. 2,307,261; Jan. 5.
- Device, Wire tensioning. P. E. Chapman, Sr. 2,320,264; Aug. 25.
- Devices for controlling the pressure and temperature in altitude cabins, particularly for airplanes. H. Pfau. 2,328,489; Aug. 31.
- Dew point controller and dew point system. W. L. McGrath. 2,334,427; Nov. 16.
- Dewatering of suspended solids. A. J. Barnehl, H. D. Grant, and A. C. Barnehl. 2,330,542; Sept. 28.
- Dewatering screen. R. J. S. Carter. 2,329,333; Sept. 14.
- Dewaxing, Continuous. H. P. Wickham and G. White, Jr. 2,319,381; May 18.
- Dewaxing process. J. V. Montgomery, L. B. Goodson, and R. W. Henry. 2,331,998-9; Oct. 19.
- Dewaxing process. O. S. Pokorny and H. H. Moor. 2,330,740; Sept. 28.
- Dextran. Making. G. L. Stahly. 2,310,263; Feb. 9.
- Dextrose. Making. H. H. Schopmeyer and W. A. Mellison. 2,324,113; July 13.
- Dextrose, Making. J. F. Walsh. 2,330,785; Sept. 28.
- Dextrose, Making. J. F. Walsh and J. Dudicker. 2,319,648; May 18.
- Dextrose, Manufacture of. R. P. Jurgensen and R. V. MacAllister. 2,337,852-3; Dec. 28.
- Diacyl acrylamide and its preparation. J. G. Lichty. 2,320,090; May 25.
- Diagram board. J. R. Harrington. 2,315,420; Mar. 30.
- Diagram, Electrical circuit. J. W. Radford. 2,334,125; Nov. 9.
- Dial, Adjustable micrometer. R. E. Saving and E. Guetzkow. 2,319,180; May 18.
- Dial, Antilacklash. G. Roethel, Jr. 2,311,902; Feb. 23.
- Dial device, Telephone calling. G. R. Lum. 2,307,226; Jan. 5.
- Dial device, Telephone calling. G. R. Lum. 2,307,463; Jan. 5.
- Dial for automatic electric time switches. Astronomic. B. P. Flegel. 2,308,329; Jan. 12.
- Dial for determining amount of weight on formation. Rotatable. H. A. Raphael. 2,309,211; Jan. 26.
- Dial indicator attachment. R. W. Le Brun. 2,322,033; June 15.
- Dial mounting. R. L. Fischer. 2,337,381; Dec. 21.
- Dial operator, Automatic. M. and R. Demoulenere. 2,318,467; May 4.
- Dialkyl esters of N-substituted aspartic acid and preparing the same. K. L. Lynch. 2,324,712; July 20.
- Dialkyl esters of unsaturated dicarboxylic acids as insecticides. W. Moore and R. O. Roblin, Jr. 2,333,666; Nov. 9.
- Diallyl esters and products thereof. Polymerization of. T. F. Bradley. 2,311,327; Feb. 16.
- Diallyl maleate as an insecticide. W. Moore and R. O. Roblin, Jr. 2,325,790; Aug. 3.
- Diamine from ketonitriles and products thereof. Preparation of. B. W. Howk and G. W. Rigby. 2,309,509; Jan. 26.
- Diamino diphenyl methanes. V. Weinmayr. 2,335,137; Nov. 23.
- Diamond and the like cutting tool. E. L. Meeson. 2,325,334; July 27.
- Diamond abrasive article. H. R. Houchins. 2,334,266; Nov. 16.
- Diamond cutting and polishing machine. E. Mueller. 2,320,376-7; June 1.
- Diamond disks, Making. G. Crompton, Jr. 2,332,505; Oct. 26.
- Diamond drill. H. O. Fossum. 2,331,179; Oct. 5.
- Diamond grinding machine. W. J. Hopp. 2,332,574; Oct. 26.
- Diamond holder. J. Dinhofer. 2,309,050; Jan. 19.
- Diamyl maleate as an insecticide. W. Moore and R. O. Roblin, Jr. 2,325,791; Aug. 3.
- Diaper combination. W. Gesund. 2,333,996; Nov. 9.
- Diaphragm. A. J. Fausek and I. F. Fausek. 2,323,985; Nov. 9.
- Diaphragm. R. M. Heintz. 2,335,276; Nov. 30.
- Diaphragm. C. L. Paulus. 2,307,066; Jan. 5.
- Diaphragm and support. L. R. Willits. 2,315,758; Apr. 6.
- Diaphragm control device for motion and still picture cameras. M. A. Dalotel. 2,319,304; May 18.
- Diaphragm face plate. A. G. Dean. 2,309,073; Jan. 19.
- Diaphragm, Fluid pressure. D. E. Mulholland. 2,334,119; Nov. 9.
- Diaphragm for chlorine cells. W. T. Nichols. 2,326,101; Aug. 3.
- Diaphragm lock nut. L. D. Danforth. 2,320,030; May 25.
- Diaphragm pressure motor. C. W. Mott. 2,320,191; May 25.
- Diaphragm pump. J. F. Malsbary and W. W. Taylor. 2,326,474; Aug. 10.
- Diaphragm unit for fluid pressure gauges, High pressure. W. R. Martin. 2,317,073; Apr. 20.
- Diaphragm valve. G. E. Franck. 2,323,531; July 6.
- Diaphragm valve. P. K. Saunders. 2,309,479; Jan. 26.
- Diary, notebook, and the like. W. K. Petrie. 2,310,707; Feb. 9.
- Diazine derivatives. G. F. D'Alleio. 2,312,691; Mar. 2.
- Diazine derivatives. G. F. D'Alleio. 2,312,695; Mar. 2.
- Diazine derivatives. G. F. D'Alleio. 2,312,700; Mar. 2.
- Diazine derivatives. G. F. D'Alleio. 2,315,940; Apr. 6.
- Diazine derivatives. G. F. D'Alleio. 2,324,283; July 13.
- Diazine derivatives. G. F. D'Alleio. 2,324,287; July 13.
- Diazine derivatives. G. F. D'Alleio and J. W. Underwood. 2,324,369; July 13.
- Diazine derivatives. G. F. D'Alleio and J. W. Underwood. 2,328,956; Sept. 7.
- Diazine derivatives. G. F. D'Alleio and J. W. Underwood. 2,328,960; Sept. 7.
- Diazo composition. E. W. Clark. 2,314,196; Mar. 16.
- Diazo printing pastes and product, Making. N. S. Cassel. 2,310,013; Feb. 2.
- Diazotize photographic material. J. M. Snell, W. Vanse-low and A. Weissberger. 2,336,309; Dec. 7.
- Diction recording system. H. P. Clausen. 2,333,235; Nov. 2.
- Dicyandiamide-formaldehyde reaction product. K. E. Ripper. 2,333,390; Nov. 2.
- Dicyandiamide, Producing. J. L. Osborne. 2,337,488; Dec. 21.
- Die: App-
 Adjustable die. Punches and die.
 Automatic die. Sectional die.
 Blanking and forming die. Shafting die.
 Corrugating die. Shoe sole punching die.
 Cutting die. Stamping die.
 Hole punching die. Thread-cutting die.
 Hydraulic and rubber die. Thread-rolling die.
 Meter stamping die. Two color injection die.
 Die. H. M. Bolston. 2,334,379; Nov. 16.
- Die and cushion. Multiple action punch press. D. C. Verson. 2,318,819; May 11.
- Die and making same. W. H. Wakefield. 2,332,360; Oct. 19.
- Die and mounting therefor. D. O. Enes and A. J. Katches. 2,332,704; Oct. 26.
- Die, Blanking and forming. B. Menkin. 2,331,490; Oct. 12.
- Die, Casting, Rotary. R. G. Le Tourneau. 2,325,782; Aug. 3.
- Die casting machine. A. E. Abbott and J. J. Rose. 2,334,372; Nov. 16.
- Die casting-plastic injection method of molding. M. A. Crosby. 2,337,550; Dec. 28.
- Die compact and making dies, Wire drawing. O. G. Ferrier. 2,328,794; Sept. 7.
- Die construction. H. Ford and R. A. Boyer. 2,317,597; Apr. 27.
- Die construction. R. L. Peat. 2,327,665; Aug. 24.
- Die for bevel cutting. R. L. Ducklo. 2,325,311; July 27.
- Die for collapsing metal seals. Hand compression. M. Canter. 2,336,528; Dec. 14.

- Die for drawing sheet metal articles. G. A. Lyon. 2,330,228; Sept. 28.
- Die for electrical forging machines. J. M. Floyd. 2,325,498; July 27.
- Die-formable blank for automobile parts and the like. A. E. Cassier, L. S. Engle, and C. J. Rolle. 2,331,547; Oct. 12.
- Die for punch presses and the like. W. H. Mursch. 2,332,300; Oct. 29.
- Die for tube reducing. J. B. Tiedemann. 2,328,112; Aug. 31.
- Die holder. P. A. Bauman. 2,330,771; Dec. 14.
- Dicing machine. C. F. Sherman and L. E. Casetta. 2,321,325; June 8.
- The insect. F. P. Gardner. 2,318,478; May 4.
- Die mechanism and method. E. M. Amesbury, J. G. Macenunick, S. M. Roberts, and F. W. Sample. 2,325,929; Aug. 3.
- Die press attachment. A. M. Cameron. 2,330,554; Sept. 28.
- Die punch. J. A. Smith. 2,323,755; July 6.
- Die set. W. E. Dalby. 2,309,828; Feb. 2.
- Die set assembly. K. J. Jansowski. 2,329,240; May 25.
- Die set, blanking. C. H. Tausser. 2,331,059; Oct. 5.
- Die set, forming. A. De Rentis. 2,309,632; Feb. 2.
- Die set parts assembly. F. C. Danneman. 2,317,889; Apr. 27.
- Die set, resizing and shaving. A. De Rentis. 2,324,496; July 20.
- Die spotting press. H. S. Fullerton. 2,317,851; Apr. 27.
- Die stop structure, Automatic. W. L. Garberding. 2,314,271; Mar. 16.
- Die stock. J. E. Waldo. 2,322,901; June 20.
- Diestock. High-speed bolt. I. Whitfield. 2,313,415; Mar. 9.
- Die with automatic set. Swaging. F. R. Newell. 2,320,070; Sept. 7.
- Dies for making leather belt parts. Cutting. J. Raggl. 2,310,808; Feb. 9.
- Dies, making. A. E. Yoshburgh. 2,323,949; July 13.
- Dielectric composition. A. W. Thompson. 2,316,299; Apr. 13.
- Dielectric for electrostatic condensers. S. Ruben. 2,313,093; Mar. 9.
- Dielectric for electrostatic condensers. S. Ruben. 2,327,372; Aug. 24.
- Dielectric for electrostatic condensers and condensers made therefrom. S. Ruben. 2,308,545; Jan. 19.
- Dielectric liquid. R. M. Mantell. 2,330,230; Sept. 28.
- Dielectric material. H. P. Fruth. 2,322,353; June 22.
- Dielectric material. W. A. Yager. 2,319,838; May 25.
- Diesel engine. P. Archa. 2,309,134; Jan. 26.
- Diesel engine. W. Fels. 2,315,114; Mar. 30.
- Diesel engine. F. W. Plumb. 2,320,648; June 1.
- Diesel engine. W. Wagner and J. Swann. 2,332,618; Oct. 26.
- Diesel incl. J. H. McCracken and E. M. Nygaard. 2,335,953; Dec. 7.
- Diesel fuel. Preparing. P. Miller and E. Lieber. 2,310,036; Feb. 9.
- Die, selecting apparatus. Balanced. E. V. Carlsson. 2,314,387; Mar. 23.
- Diethyl acetate of corticosterone. G. F. Cartland and M. H. Kuzenka. 2,316,142; Apr. 6.
- Differential adjustment. S. Crum. 2,309,169; Jan. 26.
- Differential mechanism. M. J. Drachman. 2,309,578; Jan. 26.
- Differential mechanism. F. D. Knoblock. 2,329,058-9-60; Sept. 7.
- Differential pressure loaded control valve. W. R. King. 2,309,848; Feb. 2.
- Differential pump. A. Sobek. 2,313,302; Mar. 9.
- Differential radioactivity logging. D. Silverman. 2,332,873; Oct. 26.
- Differential spring suspension for vehicles. A. Trask. 2,320,314; May 25.
- Differential stage life flow device, diaphragm type. A. Roynton. 2,307,016; Jan. 5.
- Differential truss pad. J. H. Mason. 2,323,826; July 6.
- Differential wheel. C. L. Eksergian. 2,330,790; Sept. 28.
- Diffusion of sensitizing dyes in photographic emulsions. E. B. Knott. 2,336,260; Dec. 7.
- Digesters, Method of and apparatus for controlling. W. W. Frymoyer. 2,310,415; Feb. 9.
- Digger. H. G. Strain. 2,337,133; Dec. 21.
- Digger, Post hole. J. W. Houston. 2,321,680; June 15.
- Digging machine for root crops. E. B. Bower. 2,327,590; Aug. 24.
- Digging unit, trencher bucket. E. J. Wilson. 2,335,166; Nov. 23.
- Digit transmitting system. C. D. Lake and F. E. Hamilton. 2,325,960; Aug. 3.
- Dihalo acrylonitriles, Making. J. G. Lichty. 2,328,984; Sept. 7.
- Dihydroethylene copolymerization product. C. A. Thomas. 2,328,510; Aug. 31.
- Dihydroisobenzofurans and preparing them. R. Adams. 2,325,727; Aug. 3.
- Diiodotyrosin solutions. K. Kraft and F. Dengel. 2,309,404; Jan. 26.
- Dilating device, Nasal. J. T. Hanlon. 2,335,936; Dec. 7.
- Dilation or expansion testing (furnace and measuring means. W. H. Owen. 2,336,286; Dec. 7.
- Dimmers of obtus. Producing. B. E. Reetheli and M. E. Conn. 2,314,457; Mar. 23.
- Dimethylcyclopentano-polyhydrophenanthrene compounds and making same. K. Miescher and A. Wettstein. 2,319,012-13; May 11.
- Dimmer for flash lamps. H. B. Armstrong. 2,307,379; Jan. 5.
- Dimpling and riveting device. R. H. Lamb and R. H. Baker. 2,323,814; July 6.
- Dimpling apparatus. H. R. Fischer. 2,333,415; Nov. 2.
- Dimpling attachment, Electrically operated. P. H. Merliman. 2,328,919; Sept. 7.
- Diphenyl alkyl phosphates and preparing the same. R. O. Roblin, Jr. 2,311,283; Feb. 16.
- Dipropyl crossol, Making. M. L. Dolt and A. G. Hill. 2,325,753; Aug. 3.
- Dinnerware machine. W. H. Emerson. 2,321,471; June 8.
- Diolefin, Manufacture of. R. F. Ruthruff. 2,307,240; Jan. 5.
- Dioxins, Preparing. H. O. Morten. 2,335,691; Nov. 30.
- Dioxins, Preparing. W. Ropp, A. Stohrhuber, and G. Daumler. 2,310,809; Feb. 9.
- Dioxins, Production of. H. P. A. Groll, G. W. Hearne, and G. F. G. von Stuetz. 2,310,523; Feb. 9.
- Diopanna construction. H. H. Lowenstein. 2,314,721; Mar. 29.
- Dioxane, Making substituted. L. G. MacDowell and H. C. Chitwood. 2,331,993; Oct. 19.
- Dyeing type dyes and preparing same. F. Zwilgmeyer. 2,336,520-1; Dec. 14.
- Diphenyl carbonates, Manufacture of. J. H. Pearson and S. Tryon. 2,335,441; Nov. 30.
- Diphenylsulphone derivative. P. Pöhls. 2,328,490; Aug. 31.
- Diphenylsulphone derivatives and product obtainable by such process, Manufacturing. P. Pöhls, F. Metzsch, and A. Rohm. 2,333,552; Nov. 2.
- Dipotassium monosodium ferrioyanide, Preparation of. G. H. Foster and L. L. Lento, Jr. 2,311,317; Mar. 23.
- Dipper, Icecream. M. A. Berns. 2,324,477; July 20.
- Dipping equipment. O. Tubbs. 2,311,467; Mar. 23.
- Dipping form. R. E. Bitter and D. W. MacLeod. 2,315,310; Mar. 30.
- Direct and indirect lamp. P. W. Nettessheim. 2,336,119; Dec. 7.
- Direct current saturated inductance with relay action. C. Laum. 2,337,253; Dec. 21.
- Direct current system of electric distribution. H. M. Martin. 2,335,582; Nov. 30.
- Direct reading meter. G. H. Brown. 2,316,153; Apr. 13.
- Direction finder. E. D. Blodgett. 2,337,964; Dec. 28.
- Direction finding system. H. G. Busignies and A. G. Richardson. 2,313,047; Mar. 1.
- Direction-finding system. K. G. Holsten. 2,326,945; Aug. 17.
- Direction finding system. K. Koschmieder. 2,312,421; Mar. 2.
- Direction indicator. E. C. Horton. 2,316,594; Apr. 13.
- Direction indicator. A. E. Wilshusen. 2,308,844; Jan. 10.
- Direction signal circuit. R. N. Fajre, G. W. Onksen, Jr., and H. I. Sime. 2,321,805; June 15.
- Direction signal switch. E. M. Muehler. 2,331,582; Nov. 23.
- Direction signal switch. G. E. Roedding. 2,308,108; Jan. 12.
- Directional coupling. G. S. Emery. 2,315,112; Mar. 30.
- Directional gyroscope indicator. D. E. Olshovsky. 2,335,876; Dec. 7.
- Directional signal indicator. F. C. Sams. 2,322,158; June 15.
- Directional valve and control mechanism therefor, Weight operated. E. K. Kuhles. 2,322,639; June 22.
- Directory and push-button call-board device. C. Auth. 2,325,095; July 27.
- Dirtproof bearing. R. W. Richmond. 2,318,097; May 4.
- Dirt scraping apparatus. G. E. Daniels. 2,330,113; Sept. 21.
- Dirt spreader and bumper, Combined. S. F. Armington. 2,327,385; Aug. 24.
- Disappearing typewriter support. H. Siskin. 2,331,576; Oct. 12.
- Disazo dye, Dispersible. D. E. Kvalnes, S. B. Smith, and C. Walling. 2,317,387; Apr. 27.
- Disazo pigments and producing. W. B. Reynolds. 2,335,535; Nov. 30.
- Disazo pigments and producing. W. B. Reynolds. 2,335,539; Nov. 30.
- Discharge apparatus. H. E. Imes. 2,329,377; Sept. 14.
- Discharge apparatus. E. H. Vedder. 2,308,254-5; Jan. 12.
- Discharge apparatus. E. H. Vedder and R. W. Staggs. 2,320,491; June 1.
- Discharge device. C. Deimel. 2,333,710; Nov. 9.
- Discharge device. D. E. Marshall and W. J. Knochel. 2,312,350; Mar. 2.
- Discharge device, Low pressure controlled. C. G. Smith. 2,330,849; Oct. 5.

- Discharge device, Pressure-cooker. A. P. Holly. 2,331,910; Oct. 19.
- Discharge device with water cooled baffle. D. E. Marshall and W. J. Knochel. 2,315,289; Mar. 30.
- Discharge lamp. E. A. Reuter and D. D. Knowles. 2,336,960; Dec. 14.
- Discharge means for drill sowing machines. A. G. Ewerth. 2,328,716; Sept. 7.
- Discharge outlet and releaseable closure means therefor. Container. O. V. Wentz. 2,334,867; July 20.
- Discharge tube. M. Kuipers. 2,330,600; Sept. 28.
- Discharge tube oscillator. H. M. Bach. 2,311,631; Feb. 23.
- Discharger for pyrotechnic cartridges. A. Adelman. 2,307,009; Jan. 5.
- Discharger for pyrotechnic cartridges. J. L. Lochhead and M. C. Benner. 2,326,786; Aug. 17.
- Discharging device for ball mills. D. A. Yasenev and M. A. Perevalov. 2,337,704; Dec. 28.
- Discharging electricity from aircraft. Method and apparatus. W. H. Bennett and R. Meagher. 2,333,144; Nov. 2.
- Disconnect coupling. Quick. A. Townhill. 2,317,827; Apr. 27.
- Disconnect device. Quick. F. B. Edwards. 2,335,000; Nov. 23.
- Disconnect switch. C. G. Koppitz and A. M. Zeth. 2,328,283; Aug. 31.
- Disconnecting switch. A. C. Schwager and C. L. Garrison. 2,328,171; Aug. 31.
- Discriminator circuit. H. Kihn. 2,323,609; July 6.
- Disc. W. W. Metcalf. 2,336,494; Dec. 14.
- Dish. P. Shaffer. 2,332,173; Oct. 10.
- Dish, Baby feeding. M. S. Lower. 2,329,279; Sept. 14.
- Dishwasher. A. W. Dunham. 2,307,363; Jan. 5.
- Dishwasher. H. H. Horwitz. 2,320,133; May 25.
- Dishwasher, Portable hand operated. D. Kent. 2,307,408; Jan. 5.
- Dishwashing machine. T. E. D. Bilde. 2,316,748; Apr. 13.
- Dishwashing machine. R. W. Wilson. 2,315,572; Apr. 6.
- Disintegrating apparatus. C. A. Rietz. 2,325,426; July 27.
- Disintegrator hammer. G. H. N. Coles. 2,331,597; Oct. 12.
- Disk brake. R. G. Aurien. 2,334,169; Nov. 16.
- Disk brake. E. R. Evans. 2,325,596; Aug. 3.
- Disk brake for use in motor cars, airplanes, and the like. H. Klause. 2,323,052; June 29.
- Disk harrow. J. A. Love. 2,320,624; June 1.
- Disk harrow. S. J. Miller. 2,325,337; July 27.
- Disk implement. Gang. F. W. Coffing. 2,324,064-5; July 13.
- Disk implement. Wheelless four-tools-in-one. W. F. McMahon. 2,335,156; Nov. 23.
- Disk, Polishing. C. F. Schlegel. 2,318,016; May 4.
- Disk, Polishing. C. F. Schlegel. 2,332,936; Oct. 26.
- Disk, Polishing. K. F. Schlegel, Jr. 2,329,222; Sept. 14.
- Disks, Mill for rolling. F. H. Le Jeune. 2,334,879; Nov. 23.
- Disks, Spreading. E. R. Couden. 2,312,960; Mar. 2.
- Dispatcher for railroads. Message. G. W. North. 2,317,633; Apr. 27.
- Dispatching control system for conveyers, Central station. A. J. Schenk. 2,307,712; Jan. 5.
- Dispenser. See—
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| Adhesive tape dispenser. | Powder dispenser. |
| Automatic adhesive tape dispenser. | Powdered soap dispenser. |
| Beverage dispenser. | Preselected bottle dispenser. |
| Butter dispenser. | Refrigerated dispenser. |
| Can perforator and dispenser. | Roll paper dispenser. |
| Carton cup dispenser. | Rubber band dispenser. |
| Change dispenser. | Sanitary liquid dispenser. |
| Cigarette dispenser. | Score-sheet supporter and dispenser. |
| Container and dispenser. | Sheet paper dispenser. |
| Controlled interfold dispenser. | Single roll tape dispenser. |
| Cotton dispenser. | Soap dispenser. |
| Detergent dispenser. | Stick dispenser. |
| Fluid dispenser. | Storage dispenser. |
| Food dispenser. | Tape dispenser. |
| Hot beverage dispenser. | Toilet preparations dispenser. |
| Insecticide dispenser. | Toothpick dispenser. |
| Label dispenser. | Tooth powder dispenser. |
| Liquid dispenser. | Travel dispenser. |
| Lubricating dispenser. | Viscous liquid dispenser. |
| Measuring dispenser. | Web dispenser. |
| Paper dispenser. | Whipped cream dispenser. |
| Paper roll dispenser. | |
- Dispenser. J. S. Bonander. 2,309,234; Jan. 26.
- Dispenser. E. E. Colburn. 2,311,521; Feb. 16.
- Dispenser. G. W. Glann. 2,310,848; Feb. 9.
- Dispenser. G. P. Haag. 2,335,007; Nov. 23.
- Dispenser. J. S. Kahn. 2,330,176; Sept. 21.
- Dispenser. E. J. Osterbauer. 2,312,973; Mar. 2.
- Dispenser. G. H. Packwood, Jr. 2,307,291; Jan. 5.
- Dispenser. G. H. Packwood, Jr. 2,315,376; Mar. 30.
- Dispenser. G. A. Rhodes. 2,334,032; Nov. 9.
- Dispenser. V. O. Ring. 2,312,730; Mar. 2.
- Dispenser for beverages. G. W. Johnson. 2,307,589; Jan. 5.
- Dispenser for can-contained liquids. C. E. Warfield. 2,307,378; Jan. 5.
- Dispenser for carbonated beverages. C. L. Daun. 2,313,226; Mar. 9.
- Dispenser for comminuted solids. C. J. Burch and W. G. Edwards. 2,327,337; Aug. 24.
- Dispenser for dry materials. C. Stanyer. 2,321,869; June 15.
- Dispenser for liner-wound tape. M. M. Hoover. 2,325,400; July 27.
- Dispenser for tableware. W. J. Gibbs and E. F. Smith. 2,325,604; Aug. 3.
- Dispensers, Supply control for paper towel. P. A. Wooster. 2,334,689; Nov. 23.
- Dispensing and packaging device for fluids. M. C. Schwab. 2,333,684; Nov. 9.
- Dispensing and packaging device for sterile liquids. M. G. Schwab. 2,333,685; Nov. 9.
- Dispensing and packing device, Ice cream. R. M. Hessert. 2,337,161; Dec. 21.
- Dispensing apparatus. G. A. Blake. 2,325,363; July 27.
- Dispensing apparatus. H. C. Bowman. 2,329,431; Sept. 14.
- Dispensing apparatus. H. V. Gibson and E. E. Casey. 2,325,315; July 27.
- Dispensing apparatus. L. D. Goodhue and W. N. Sullivan. 2,331,117; Oct. 5.
- Dispensing apparatus. H. D. Stevens. 2,308,960; Jan. 19.
- Dispensing apparatus. E. J. Sweetland. 2,322,552; June 22.
- Dispensing apparatus and faucet. T. A. Nigbor. 2,327,444; Aug. 24.
- Dispensing apparatus and interlocking mechanism therefor. H. F. Soner. 2,324,734; July 20.
- Dispensing apparatus, Beverage. R. T. Cornelius. 2,325,228; July 27.
- Dispensing apparatus, Coffee. B. W. Gair. 2,321,906; June 15.
- Dispensing apparatus, Fluid. D. S. Willson. 2,307,314; Jan. 5.
- Dispensing apparatus, Liquid. J. B. Moore and R. R. Trexler. 2,307,606; Jan. 5.
- Dispensing apparatus, Liquid. R. R. Trexler. 2,307,085; Jan. 5.
- Dispensing box. E. M. Feinberg. 2,330,117; Sept. 21.
- Dispensing cabinet. J. B. Cocanour. 2,335,581; Nov. 30.
- Dispensing cap for tooth powder containers. H. P. McNail. 2,336,409; Dec. 7.
- Dispensing carton. K. J. Harwood. 2,323,958; July 6.
- Dispensing carton. C. R. Rothe and G. V. Thompson. 2,325,277; July 27.
- Dispensing closure for bottles and the like, One-way. F. S. Pisanl. 2,308,932; Jan. 19.
- Dispensing closure for containers. R. W. Wilson. 2,314,676; Mar. 23.
- Dispensing container. A. T. Augensen. 2,336,457; Dec. 14.
- Dispensing container. R. Bernhardt. 2,312,380; Mar. 2.
- Dispensing container. M. McI. Dukehart, Jr. 2,327,406; Aug. 24.
- Dispensing container. T. A. Grosse. 2,327,420; Aug. 24.
- Dispensing container. J. M. Hothersall. 2,309,111; Jan. 26.
- Dispensing container. R. M. Livingston. 2,337,257; Dec. 21.
- Dispensing container. R. C. Shipley. 2,316,979; Apr. 20.
- Dispensing container construction. W. F. Straub. 2,313,278; Mar. 9.
- Dispensing device. R. W. Barnes. 2,323,865; July 6.
- Dispensing device. J. T. Bell and C. E. Searcrist. 2,329,689; Sept. 21.
- Dispensing device. R. T. Cornelius. 2,316,406; Apr. 13.
- Dispensing device. P. W. Cunningham. 2,333,706; Nov. 9.
- Dispensing device. B. Deland. 2,318,676; May 11.
- Dispensing device. D. C. Gould and R. K. Lusk. 2,312,544; Mar. 2.
- Dispensing device. R. J. Gray. 2,326,851; Aug. 17.
- Dispensing device. A. Hammerstein. 2,316,516; Apr. 13.
- Dispensing device. L. A. Hendrickson. 2,308,078; Jan. 12.
- Dispensing device. H. M. Herman. 2,308,809; Jan. 19.
- Dispensing device. L. J. Humbert. 2,326,359; Aug. 10.
- Dispensing device. A. J. Lautmann. 2,329,917; Sept. 21.
- Dispensing device. A. J. Lautmann. 2,333,320; Nov. 2.
- Dispensing device. M. E. Maltby and L. L. Price. 2,322,531; June 22.
- Dispensing device. L. L. Manly. 2,312,180; Feb. 23.
- Dispensing device. M. Miller. 2,323,233; June 29.
- Dispensing device. P. E. Moes and M. E. McGowan. 2,336,998; Dec. 14.
- Dispensing device. H. G. Presentin. 2,320,749; June 1.
- Dispensing device. W. Rabkin. 2,307,955; Jan. 12.
- Dispensing device. A. F. Syverud. 2,329,666; Sept. 14.
- Dispensing device. W. Tammings. 2,313,846; Mar. 16.
- Dispensing device. D. Topjian. 2,333,831; Nov. 9.

- Dispensing device. C. S. Van Brocklin. 2,324,441; July 13.
- Dispensing device, Beverage. G. V. Mariani. 2,313,954; Mar. 16.
- Dispensing device, Detergent. G. M. Bader. 2,315,890; Apr. 6.
- Dispensing device for beverages. O. Pivert. 2,310,313; Feb. 9.
- Dispensing device for filling grease guns and the like. E. P. Sundholm. 2,328,363; Aug. 31.
- Dispensing device for paste, cream, etc. L. Finkelstein. 2,335,049; Nov. 23.
- Dispensing machine. P. D. Parsons. 2,316,182; Apr. 13.
- Dispensing means. A. M. Malouf. 2,307,597; Jan. 5.
- Dispensing mechanism. C. F. Brown. 2,337,179; Dec. 21.
- Dispensing mechanism. F. E. Hand. 2,332,713; Oct. 26.
- Dispensing mechanism, Gasoline. F. von Opel. 2,307,435; Jan. 5.
- Dispensing mechanism, Liquid. E. R. Elchner. 2,317,956; Apr. 27.
- Dispensing package. T. Carr. 2,321,655; June 15.
- Dispensing receptacle. H. C. Atterbury. 2,330,464; Sept. 28.
- Dispensing system. A. N. Kerr. 2,316,338; Apr. 13.
- Dispensing system. T. A. St. Clair. 2,308,122; Jan. 12.
- Dispensing tool. J. A. Graf. 2,323,217; June 29.
- Dispenser for pipes, Smoke. F. T. Ritter. 2,323,243; June 29.
- Dispersing one fluid in another. R. G. Guthrie and O. J. Wilbur. 2,308,751; Jan. 19.
- Dispersion mill. N. M. McGrane. 2,313,956; Mar. 16.
- Dispersion of polymerized alkyl methacrylate and preparing the same, Aqueous. J. E. Smith. 2,318,429; May 4.
- Dispersion of rubber, Artificial. D. E. Fowler. 2,333,420; Nov. 2.
- Dispersions, Method and apparatus for preparing. S. J. Wynn. 2,333,456; Nov. 2.
- Display. R. Burdick. 2,325,830; Aug. 3.
- Display. C. W. Otis. Re. 22,289; Mar. 16.
- Display album. I. Weinger. 2,327,324; Aug. 17.
- Display and dispensing means. E. Ezrol. 2,327,878; Aug. 24.
- Display and storage case. C. F. Belsaw. 2,320,556; June 1.
- Display apparatus. R. C. Adams and H. H. Woodworth. 2,317,336; Apr. 20.
- Display article and manufacturing same. E. S. Thrasher. 2,312,007; Feb. 23.
- Display board. F. G. H. Engstrom. 2,312,532; Mar. 2.
- Display board construction. L. F. Urbain. 2,319,278; May 18.
- Display box. L. F. Brennell. 2,314,304; Mar. 16.
- Display box. C. B. Holm. 2,313,747; Mar. 16.
- Display box. C. B. Holm. 2,315,999; Apr. 6.
- Display box. M. Kurhan. 2,317,203; Apr. 20.
- Display box. E. Lux. 2,310,641; Feb. 9.
- Display box. J. T. Wright. 2,313,694; Mar. 9.
- Display box cover. L. D. Young. 2,321,883; June 15.
- Display cabinet. R. C. Adams and H. H. Woodworth. 2,317,337; Apr. 20.
- Display card. V. H. Fandrich. 2,311,218; Feb. 16.
- Display card holder. C. F. Hooper. 2,328,806-7; Sept. 7.
- Display card, particularly for pipe stems. O. Brunner. 2,314,765; Mar. 23.
- Display carton. H. A. Cowles and G. W. Simpson. 2,309,753; Feb. 2.
- Display case. M. K. Teach. 2,310,718; Feb. 9.
- Display container. P. E. Allen. 2,328,119; Aug. 31.
- Display container. G. T. Henderson. 2,336,721; Dec. 14.
- Display container. J. V. Horr. 2,322,849; June 29.
- Display container. G. Jensen. 2,314,943; Mar. 30.
- Display container. N. McCash and J. J. Schepfer. 2,307,146; Jan. 5.
- Display container. H. L. Myers. 2,334,786; Nov. 23.
- Display container. V. R. Pantalone. 2,324,232; July 13.
- Display container. E. F. Spruth. 2,308,396; Jan. 12.
- Display container. W. R. Tuttle and C. W. Strickel. 2,331,361; Oct. 12.
- Display device. G. Ashenberg and L. R. J. Schwenk-Meyer. 2,315,240; Mar. 30.
- Display device. S. P. Brown. 2,307,758; Jan. 12.
- Display device. G. T. Chapman. 2,334,751; Nov. 23.
- Display device. D. Davis. 2,327,301; Aug. 17.
- Display device. W. H. Druce. 2,319,046; May 11.
- Display device. A. C. Garratt. 2,313,141; Mar. 9.
- Display device. V. Havel. 2,324,926; July 20.
- Display device. H. Hirschhorn. 2,322,713; June 22.
- Display device. H. Hirschhorn. 2,332,078; Oct. 19.
- Display device. G. F. Ireland. 2,323,090; June 29.
- Display device. J. M. Johnson. 2,327,270; Aug. 17.
- Display device. R. K. Martin. 2,313,831; Mar. 16.
- Display device. E. J. Monteleone. 2,314,508; Mar. 23.
- Display device. R. E. Paige. 2,337,126; Dec. 21.
- Display device. M. Ragan. 2,323,440; Nov. 16.
- Display device. A. J. Traummüller, Sr. 2,312,009; Feb. 23.
- Display device and making the same. L. L. Greneker. 2,309,447; Jan. 26.
- Display device, Bottle. M. C. Meyer. 2,319,249; May 18.
- Display device for typewriters. T. J. Watson. 2,310,482; Feb. 9.
- Display device for typewriters. T. J. Watson. 2,312,138; Feb. 23.
- Display device, Locking ring. G. F. Wadsworth. 2,321,339; June 8.
- Display device, Mechanical. A. Robins. 2,320,302; May 25.
- Display device, Rotary advertising. K. A. McConaughy. 2,320,151; May 25.
- Display frame. H. S. Piper. 2,316,615; Apr. 13.
- Display, Interchangeable. S. H. Sonn. 2,308,631; Jan. 10.
- Display machine, Picture film. G. M. Mast. 2,318,874; May 11.
- Display package. G. E. Damrow. 2,326,013-4; Aug. 3.
- Display package, Commercial. F. P. Strauch. 2,318,434; May 4.
- Display rack. D. H. Blitney. 2,309,435; Jan. 26.
- Display rack. A. Chappory. 2,315,595; Apr. 6.
- Display rack. E. D. Davis. 2,316,771; Apr. 20.
- Display rack and cover and waste can receptacle, Combined. H. J. Smith. 2,320,159; May 25.
- Display, Reversible. C. Klef. 2,320,622; June 1.
- Display sign. G. H. Evans. 2,322,838; June 29.
- Display stand. H. Harrison. 2,315,617; Apr. 6.
- Display stand. J. J. Jacobson. 2,314,500; Mar. 23.
- Display stand. W. L. Luckey. 2,316,443; Apr. 13.
- Display stand. B. McNeary. 2,322,804; Oct. 26.
- Display stand. C. J. Oldmann. 2,335,301; Nov. 30.
- Display stand. C. E. Pringle and M. M. Murray. 2,326,493; Aug. 10.
- Display stand. A. L. Raven. 2,335,884; Dec. 7.
- Display stand. M. A. Smith and W. G. Wilcox. 2,312,594; Mar. 2.
- Display stand, Collapsible. C. and H. H. Doering. 2,317,036; Apr. 20.
- Display stand for flashlights. J. C. Calhoun, W. L. Davidson, and K. J. Hansen. 2,307,992; Jan. 12.
- Display stand for tobacco pipes. O. Brunner. 2,313,620; Mar. 9.
- Display support for containers. A. Chappory. 2,330,868; Oct. 5.
- Display system. M. Arendt. 2,319,287; May 18.
- Display system. J. Fodor. 2,322,008; June 15.
- Display tablet container. E. Sörensen. 2,317,860; Apr. 27.
- Display tray. W. J. Porter. 2,315,271; Mar. 30.
- Display tray and container, Combined. F. P. Muhlauser. 2,331,493; Oct. 12.
- Display unit. C. B. Holm. 2,332,721; Oct. 26.
- Disposal apparatus for stokers. Ash. F. G. Julian and W. M. Schweickart. 2,321,389; June 8.
- Disposal unit. Cohn. H. A. Henning. 2,325,954; Aug. 3.
- Dissolving apparatus. H. W. Lehmkuhl. 2,308,612; Jan. 19.
- Distance measuring device. E. Norrman. 2,326,880; Aug. 17.
- Distance measuring system. F. H. Shepard. 2,333,688; Nov. 9.
- Distillate rectification. S. C. Carney. 2,307,024; Jan. 5.
- Distillation. M. J. P. Bogart and J. S. F. Carter. 2,311,180; Feb. 16.
- Distillation. J. W. Jewell. 2,323,047; June 29.
- Distillation. P. Lambert. 2,327,534; Aug. 24.
- Distillation apparatus. E. H. French. 2,332,215; Oct. 19.
- Distillation apparatus. K. C. D. Hickman. 2,313,546; Mar. 9.
- Distillation apparatus for steam plants. P. J. Delahanty. 2,320,853; June 1.
- Distillation extraction products from coals, Hydrogenating. A. Pott and H. Broche. 2,308,247; Jan. 12.
- Distillation, Fractional. R. E. Burk and E. Kropp. 2,317,952; Apr. 27.
- Distillation, Fractional. E. W. Eekey. 2,333,712; Nov. 9.
- Distillation means, Fractional. R. E. Burk. 2,317,951; Apr. 27.
- Distillation process. C. M. Beamer. 2,324,755; July 20.
- Distillation process. E. L. Durrum. 2,325,379; July 20.
- Distillation process. W. W. Kraft. 2,315,122; Mar. 30.
- Distillation process. J. R. Schonberg and J. B. Maxwell. 2,319,750; May 18.
- Distillation process and apparatus. H. L. Cox and A. C. Davies. 2,310,399; Feb. 9.
- Distillation process and apparatus. K. C. D. Hickman. 2,327,788; Aug. 24.
- Distilling apparatus. B. H. Bohmfalk. 2,332,294; Oct. 19.
- Distilling apparatus. M. W. and W. F. Svetlick. 2,329,305; Sept. 14.
- Distilling petroleum residues or the like. M. H. Tuttle. 2,323,501; July 6.
- Distributing and assembling machine. R. S. Wentworth. 2,328,317; Aug. 31.
- Distributing apparatus. P. A. Reh. 2,323,677; July 6.
- Distributing valve. W. L. Smith. 2,330,151; Sept. 21.
- Distributor. R. V. Atwood and S. K. Smart. 2,318,659; May 11.
- Distributor. E. Zoerlein and J. E. Hoffmann. 2,326,113; Aug. 10.

- Distributor, Fastening. C. A. Robinson. 2,326,254; Aug. 10.
- Distributor, Fertilizer. J. Blue. 2,311,726; Feb. 23.
- Distributor, Fertilizer. H. H. Walter. 2,329,310; Sept. 14.
- Distributor for stokers, Fuel. H. S. Mann and E. Martin. 2,320,443; June 1.
- Distributor for tobacco roll forming machines. P. J. Hermann. 2,308,227; Jan. 12.
- Distributor rotor lock. J. L. Arthur and W. D. Schroepe. 2,321,643; June 15.
- Dirch cleaner. W. E. Dukes. 2,320,855; June 1.
- Diversity receiving system. H. O. Peterson. 2,333,335; Nov. 2.
- Diversity receiving system. F. E. Terman. 2,318,268; May 4.
- Divider, Double. J. Taylor. 2,326,412; Aug. 10.
- Divider for meat buns. S. E. Smith and C. L. Straeten. 2,322,199; June 15.
- Divider, Grain. A. M. Welty. 2,312,785; Mar. 2.
- Dividing and weighing of bread dough and like plastic masses. B. D. Baker, L. S. Harber and J. E. Pointon. 2,324,667; July 20.
- Dividing head. F. W. Curtis. 2,309,241; Jan. 26.
- Dividing head. H. Krochmal. 2,329,346; Aug. 31.
- Dividing machine. J. W. Bryce and A. H. Dickinson. 2,328,611; Sept. 7.
- Dividing machine. A. H. Dickinson. 2,328,623; Sept. 7.
- Dividing machine of the record controlled type. A. H. Dickinson. 2,307,116; Jan. 5.
- Dock board. W. Van Berg. 2,337,138; Dec. 21.
- Dock board for rolls and cylinders. F. W. Lodding. 2,329,277; Sept. 14.
- Doctor blade mechanism. W. H. Edmondson. 2,323,983; July 13.
- Doctor, Roll. N. J. Holcomb. 2,330,889; Oct. 5.
- Documents, Detecting alterations of. J. Ehrlich. 2,315,111; Mar. 30.
- Documents, Identifying. A. F. von Soden. 2,330,531; Sept. 28.
- Dog, Hold-down. J. L. Drake. 2,334,911; Nov. 23.
- Doll. R. E. Birnbaum. 2,328,704; Sept. 7.
- Doll. E. W. Reno. 2,310,037; Feb. 2.
- Doll, Convertible. M. De Vries. 2,325,750; Aug. 3.
- Doll eye. L. W. Pollack. 2,320,300; May 25.
- Doll, Flat. A. M. De Journette. 2,323,522; July 6.
- Doll or the like, Paper. Q. Holden. 2,315,056; Mar. 30.
- Doll, Talking. J. H. Rothberg. 2,309,542; Jan. 26.
- Dolls' eye set. L. Kriegsfield. 2,307,687; Jan. 5.
- Dolls' eyes. C. Weltman. 2,313,544; Mar. 16.
- Dolls' head. M. Maisel. 2,307,523; Jan. 5.
- Dolly. W. A. Ross. 2,326,684; Aug. 10.
- Dolly block construction. J. Gambino. 2,314,617; Mar. 23.
- Dolly, Collapsible. W. C. Eddy. 2,321,901; June 15.
- Dolly, Knedling. F. T. Cooper. 2,318,059; May 4.
- Domestic appliance. J. B. Dyer. 2,313,928; Mar. 16.
- Domestic appliance. J. B. Dyer. 2,325,837; Aug. 3.
- Domestic appliance. J. B. Dyer. 2,331,379; Oct. 12.
- Domestic appliance. J. B. Dyer. 2,331,897; Oct. 19.
- Domestic appliance. D. K. Ferris. 2,307,833; Jan. 12.
- Domestic appliance. D. K. Ferris. 2,309,179; Jan. 26.
- Domestic appliance. D. K. Ferris. 2,326,727; Dec. 14.
- Domestic appliance. H. B. Hull. 2,321,815; June 15.
- Domestic appliance. F. H. McCormick. 2,308,768; Jan. 19.
- Domestic appliance. F. H. McCormick. 2,320,041; May 25.
- Domestic appliance. G. C. Pearce. 2,310,543; Feb. 9.
- Domestic appliance. G. C. Pearce. 2,329,417; Sept. 14.
- Domestic heater. E. McCarthy. 2,327,442; Aug. 24.
- Domestic washing machine. P. W. Douglas. 2,309,940; Feb. 2.
- Door: See—
- Car door. Overhead door.
- Coke oven door. Overhead garage door.
- Electrically operated garage door. Overhead sliding door.
- Fire door. Railway car grain door.
- Furnace door. Railway car side door.
- Garage door. Sliding car door.
- Grain door. Sliding door.
- Hydraulically operated garage door.
- Door. C. A. Fralinger. 2,319,982; May 25.
- Door. L. E. Jackson and J. T. Dickson. 2,320,604; June 1.
- Door. E. Komenda. 2,332,858; Oct. 26.
- Door. W. Lotter. 2,319,004; May 11.
- Door. L. McHarg. 2,322,377; June 22.
- Door. L. B. Wammes, R. D. Scott, and A. W. Canney. 2,328,761; Sept. 7.
- Door adjustment structure, Lateral. D. J. Seaman. 2,323,625; July 6.
- Door and brake interlock. J. R. Almond. 2,311,806; Feb. 23.
- Door and locking means therefor, Overhead. R. H. Osborne. 2,331,497; Oct. 12.
- Door and mechanism for operating the same, Flexible. E. W. Sihvonen and M. Pehkonen. 2,311,773; Feb. 23.
- Door and regulator handle. I. S. Keeler and G. V. Jakeway. 2,327,904; Aug. 24.
- Door antirattler. T. A. Ryals. 2,337,350; Dec. 21.
- Door arrangement for baling presses. A. C. Barrows and J. V. Haidley. 2,337,705; Dec. 28.
- Door casing construction. H. Hasenburger and H. W. Corbett. 2,309,462; Jan. 26.
- Door catch, Safety. W. N. Schnell. 2,311,132; Feb. 16.
- Door check. S. T. Alexander. 2,318,041; May 4.
- Door check. R. G. Moore. 2,321,409; June 8.
- Door check. E. L. Schofield. 2,320,449; June 1.
- Door check. F. L. Tharp. 2,311,790; Feb. 23.
- Door check and closer. J. B. Rawlings. 2,332,753; Oct. 26.
- Door check and holding device. A. Larson. 2,314,544; Mar. 23.
- Door construction. J. I. Byrne. 2,328,326; Aug. 31.
- Door construction. C. B. Malarkey. 2,334,113; Nov. 9.
- Door construction. N. Michelman. 2,327,816; Aug. 17.
- Door construction, Auxiliary. G. C. Christy. 2,315,365; Mar. 30.
- Door construction for display cabinets, Sliding. W. B. McMillan. 2,325,263; July 27.
- Door construction, Garage. W. D. Ferris. 2,318,991; May 11.
- Door construction, Overhead. A. V. Rowe. 2,329,443; Sept. 14.
- Door control. J. T. Livingston. 2,329,476; Sept. 14.
- Door control mechanism. R. U. Schneider. 2,313,095; Mar. 9.
- Door counterbalancing means, Swing-up. D. M. Robinson. 2,314,634; Mar. 23.
- Door fastener. D. C. E. Leonard. 2,331,403; Oct. 12.
- Door fastener. R. J. Olander. 2,316,359; Apr. 13.
- Door fitting. E. C. Miles. 2,316,528; Apr. 13.
- Door for freight carrying vehicles. J. J. Black. 2,322,088; June 15.
- Door for industrial ovens. C. F. Mayer. 2,330,728; Sept. 28.
- Door for top loading and unloading ovens. C. F. Mayer. 2,323,828; July 6.
- Doorframe and casing, Combination. H. Hasenburger and H. W. Corbett. 2,316,425; Apr. 13.
- Door handle. A. L. Birdsall and G. V. Jakeway. 2,322,275; June 22.
- Door handle assembly, Automobile. F. A. Cooley. 2,317,672; Apr. 27.
- Door handle locking device. W. S. Whiting, Jr. 2,331,150; Oct. 5.
- Door handling mechanism. Coke-oven. P. H. Lavelly. 2,335,866; Dec. 7.
- Door hinge. W. J. Conwell. 2,312,029; Feb. 23.
- Door hinge. J. Vani. 2,337,948; Dec. 28.
- Door-hold-open device. J. J. Muldoon. 2,314,416; Mar. 23.
- Door holder. E. E. Lakemacher. 2,309,604; Jan. 26.
- Doorknob. J. Millgren. 2,326,646; Aug. 10.
- Door latch. C. Olson. 2,311,685-6; Feb. 23.
- Door latch. C. Olson. 2,311,688; Feb. 23.
- Door latch. J. H. Roethel. 2,310,548-50; Feb. 9.
- Door latch of the bored-in type. B. A. Quinn. 2,317,300; Apr. 20.
- Door latch mechanism. G. Janonis. 2,314,400; Mar. 23.
- Door lift, Furnace. E. B. Thompson. 2,307,549; Jan. 5.
- Door lift mechanism. F. Ditchfield. 2,335,397; Nov. 30.
- Door lock. C. S. Bock. 2,325,220; July 27.
- Door lock. E. D. Dall. 2,333,473; Nov. 2.
- Door lock. E. A. Erhardt. 2,318,146; May 4.
- Door lock. E. D. Dall. 2,333,473; Nov. 2.
- Door lock. E. V. Kidder. 2,318,947; May 11.
- Door lock. W. Marshall. 2,327,441; Aug. 24.
- Door lock. W. R. Schlage. 2,314,462; Mar. 23.
- Door lock. W. R. Schlage. 2,319,268; May 18.
- Door lock. W. R. Schlage. 2,327,071; Aug. 17.
- Door lock. W. R. Schlage. 2,330,011; Sept. 21.
- Door lock. A. S. Thompson. 2,317,700; Apr. 27.
- Door lock. H. G. Voight. 2,308,321; Jan. 12.
- Door lock and ajar hook, Combined. H. G. Voight. 2,329,017-18; Sept. 7.
- Door mechanism. F. Ditchfield. 2,335,396; Nov. 30.
- Door mechanism for excavating apparatus. J. P. Murtaugh. 2,335,352; Nov. 30.
- Door opener. J. D. Strobel. 2,334,452; Nov. 16.
- Door opening and closing device. G. Madland. 2,319,510; May 18.
- Door opening means, Industrial. K. G. Taylor. 2,332,028; Oct. 19.
- Door operating and locking mechanism. J. J. Oleksiw. 2,332,396; Oct. 19.
- Door operating device. K. G. Etzel and J. Christensen. 2,321,286; June 8.
- Door operating means. R. F. Young. 2,319,897; May 25.
- Door operating means, Overhead. R. Rogers. 2,309,984; Feb. 2.
- Door operating mechanism. F. Lichtfeldt. 2,319,612; May 18.
- Door operating mechanism, Elevator. H. V. McCormick. 2,318,090; May 4.
- Door operator for dump wagons. J. Kuchar. 2,320,701; June 1.
- Door operator, Garage. S. S. Karns. 2,319,136; May 11.
- Door operator, Hydraulic. H. A. Greenwald. 2,321,079; June 8.
- Door or panel. A. P. and G. W. Hill. 2,323,327; July 6.
- Door window holder. C. E. Fuller. 2,310,688; Feb. 9.

- Door securing mechanism. W. Young. 2,315,239; Mar. 30.
- Door signal. S. S. Green. 2,316,856; Apr. 20.
- Doorstop. G. W. Cheremeteff. 2,312,235; Feb. 23.
- Door stop. A. L. Moberg. 2,325,314; Aug. 3.
- Doorstop. Rubber. L. M. Oakley. 2,311,595; Feb. 16.
- Door stopping and holding device. G. G. Wyckoff. 2,327,298; Aug. 17.
- Door structure. G. L. Rees. 2,313,582; Mar. 9.
- Door structure. Hangar. J. R. Keys and H. D. Oberdorfer. 2,321,491; June 8.
- Door structure. Sliding. A. Wasberg. 2,313,106; Mar. 9.
- Door suspension and actuating means. E. H. Piron. 2,308,386; Jan. 12.
- Doorway closure. C. R. Goudie. 2,315,953; Apr. 6.
- Double-acting scoop separable fastener. L. H. Morin. 2,334,648; Oct. 12.
- Double-acting shock brake. N. A. Christensen. 2,337,738; Dec. 28.
- Double action safety switch. J. H. Bretthauer and W. Cernak. 2,326,199; Aug. 10.
- Double deck sleeping car. R. H. Horton and J. W. Patton. 2,312,906; Mar. 2.
- Double deck stock car. K. D. Bryan. 2,316,554; Apr. 13.
- Double exposure prevention device. H. D. Phillips. 2,307,748; Jan. 12.
- Double grip holder. H. F. Pomerantz. 2,337,925; Dec. 28.
- Double helical gear cutter. H. E. Kitchen and G. H. Hedman. 2,324,003; July 13.
- Double inlet blower wheel. A. W. Evans. 2,315,407; Mar. 30.
- Double parallel spray bar. H. R. Erickson. 2,330,568; Sept. 28.
- Double seated valve. K. M. Urquhart. 2,311,009; Jan. 16.
- Double walled container. F. Gettelman. 2,326,137; Aug. 10.
- Dougher device. Frequency. W. C. Hall, Jr. and E. L. Le Gette. 2,313,938; Mar. 16.
- Dough mixer refrigerating means and water cooling device. Combination. M. A. Stiedler. 2,315,230; Mar. 30.
- Dough twisting machine. R. P. Steadman and A. O. Riordan. 2,337,526; Dec. 21.
- Dough twisting machines. Feeding mechanism for. R. P. Steadman and A. O. Riordan. 2,337,527; Dec. 21.
- Doughnut machine. W. G. Holmes, W. R. Coyne, and A. S. T. Laguard. 2,320,037; May 25.
- Doughnut machine. A. S. T. Laguard. 2,313,949; Mar. 16.
- Doughnut machine. A. S. T. Laguard. 2,332,237; Oct. 19.
- Doughnuts. Method of and apparatus for making ball. J. Russell. 2,310,163; Feb. 9.
- Dowel bar contraction joint. R. R. Robertson. 2,309,538; Jan. 26.
- Dowel bar with bearing and support. Split. C. H. Westcott. 2,327,231; Aug. 17.
- Dowel machine. M. Despres. 2,312,884; Mar. 2.
- Dowel pin employed in joining wooden members. G. Openshaw. 2,321,101; June 8.
- Draft and buffing gear. R. J. Wittmar. 2,320,839; June 1.
- Draft and power control appliance. C. A. Grasswick. 2,311,826; Feb. 23.
- Draft combiner. T. F. Dwyer, Jr., and D. W. Gray. 2,318,472; May 4.
- Draft connection unit for implements. Adjustable. E. V. Briscoe. 2,316,397; Apr. 13.
- Draft control damper structure. H. Weyenberg. 2,309,425; Jan. 26.
- Draft connection. E. P. Kinne and F. H. Kayler. 2,307,409; Jan. 5.
- Draft device. E. L. Rietz. 2,334,957; Nov. 23.
- Draft gauge. F. W. Dwyer. 2,320,122; May 25.
- Draft gear. J. P. Gallagher. 2,328,878; Sept. 7.
- Draft gear. F. C. Kulicke. 2,307,320-1; Jan. 5.
- Draft gear. R. M. Nelson. 2,331,620; Oct. 12.
- Draft gear. R. C. Pierce. 2,307,236; Jan. 5.
- Draft governors and spark arrestors. Combined automatic. W. V. Coate. 2,308,266; Jan. 12.
- Draft regulator. A. D. Cole. 2,335,740; Nov. 30.
- Draft regulator. P. Wingert. 2,329,968; Sept. 21.
- Draft rigging. D. S. Barrows and A. H. Lake. 2,327,240; Aug. 17.
- Drafting apparatus. G. I. Fischer. 2,312,154; Feb. 23.
- Drafting apparatus. A. Langsner. 2,316,485; Apr. 13.
- Drafting head of textile machinery. G. Clapperton and R. Barnes. 2,335,108; Nov. 23.
- Drafting instrument. J. T. Ivy. 2,320,603; June 1.
- Drafting instrument. A. Langsner. 2,332,860; Oct. 26.
- Drafting instrument. C. E. Savage. 2,321,862; June 15.
- Drafting machine. C. H. Little. 2,324,457; July 13.
- Drafting machine brake. F. G. Enbanks. 2,331,382; Oct. 12.
- Drafting machine counterbalance. J. W. Harriman. 2,330,970; Oct. 5.
- Drafting mechanism for roving frames. B. C. Shaw. 2,323,832; July 6.
- Draft device for antennas. W. P. Lear. 2,317,622; Apr. 27.
- Drain. R. H. Shenk. 2,330,014; Sept. 21.
- Drain chamber. C. L. Brown. 2,336,592; Dec. 14.
- Drain for floating roof tanks. Water. H. M. Stevenson. 2,315,023; Mar. 30.
- Drain pipe with seating device into masonry. G. R. Lang. 2,329,627; Sept. 14.
- Drain relief device. J. F. Kesteloot. 2,327,602; Aug. 24.
- Drain. Roof. A. J. Filkins. 2,311,654; Feb. 23.
- Drain. Surface. F. A. Warren. 2,328,315; Aug. 31.
- Drain. Tank roof. J. H. Wiggins. 2,313,855; Mar. 16.
- Drain trap. E. L. Larson. 2,317,278; Apr. 20.
- Drain valve. F. J. Popersack. 2,336,760; Dec. 14.
- Drainage apparatus. D. E. Larson. 2,307,324; Jan. 5.
- Draining and filling apparatus. Can. W. De Back. 2,310,940; Feb. 16.
- Draining device. H. M. Champion. 2,337,292; Dec. 21.
- Drape and canopy. Collapsible combined. M. Lange. 2,311,841; Feb. 23.
- Drape fastener. R. L. Anderson, C. J. Frederiksen, E. T. Johnson, and L. A. Paradise. 2,309,155; Jan. 26.
- Drapery festoon ring. W. C. Kenney. 2,316,337; Apr. 13.
- Drapery heading hook. M. E. Pettit. 2,307,295; Jan. 5.
- Drapery plaiter and support. G. Pickering. 2,337,408; Dec. 21.
- Drapery support. G. B. Davis, Jr. 2,331,809; Nov. 23.
- Draw bar. H. W. Zimmerman. 2,322,086; June 15.
- Drawbar and bumper arrangement for cars. L. G. Miller and W. H. Statler. 2,329,477; Sept. 14.
- Drawbench. A. D. Gettig. 2,332,069; Oct. 19.
- Drawed means. Surplus fill. La. V. E. Clifcorn. 2,324,765; Jan. 20.
- Drawoff means. Surplus fill. A. L. Kronquest. 2,324,783; July 20.
- Drawstring attachable cover. J. H. Moss. 2,336,950; Dec. 14.
- Draw works. A. R. Maier. 2,315,157; Mar. 30.
- Draw works. Rotary. J. D. Spalding. 2,327,467; Aug. 24.
- Draw works transmission. G. W. Walton. 2,309,285; Jan. 26.
- Drawer. P. Zalkind. 2,313,113; Mar. 9.
- Drawer and door mechanism. Owen. G. D. Wilkinson and N. Shepp. 2,319,651; May 18.
- Drawer. Article container. L. Edelmann. 2,309,888; Feb. 23.
- Drawer construction. C. S. Motter. 2,328,835; Sept. 7.
- Drawer, cylindrical. C. M. Gordy. 2,337,655; Dec. 28.
- Drawer guide. A. J. Ruckman. 2,321,520; June 8.
- Drawer guide and support. C. C. Lucas. 2,329,846; Sept. 21.
- Drawer pull. W. H. Schuh. 2,315,457; Mar. 30.
- Drawer pull and label holder. P. Beschere. 2,309,882; Feb. 23.
- Drawer slide. M. H. Rakow. 2,308,540; Jan. 19.
- Drawer suspension. C. F. Wolters and N. Y. Andersen. 2,331,529; Oct. 12.
- Drawer with tilting back wall. C. W. Straubel. 2,310,879; Feb. 9.
- Drawer with tilting back wall. C. W. Straubel. 2,323,632; July 6.
- Drawing and observing device. H. H. Barnard. 2,329,686; Sept. 21.
- Drawing board cover. S. W. Haas. 2,327,963; Aug. 24.
- Drawing composition and making the same. E. A. Nill. 2,326,387; Aug. 10.
- Drawing compound. H. A. Montgomery. 2,323,071; June 29.
- Drawing fixture. J. D. Leffel. 2,326,301; Aug. 10.
- Drawing fixture. J. D. Leffel. 2,328,471; Aug. 31.
- Drawing mechanism for spinning frames and the like. B. L. Louie. 2,332,973; Oct. 26.
- Drawing-off arrangement or mechanism for dealing with fleeces intermediate of scriblers or carding engines. T. Chantler. 2,326,331; Aug. 10.
- Drawing press. J. A. Muller. 2,325,146; July 27.
- Drawing set. A. M. De Journeette. 2,323,521; July 6.
- Drawing tool. G. Fife. 2,329,173; Sept. 14.
- Dredge. G. E. Becker. 2,308,437; Jan. 12.
- Dredge. A. D. Clements. 2,322,829; June 29.
- Dredge. J. H. Hill and H. F. Craven. 2,337,818; Dec. 28.
- Dredge. H. H. Hopkins and G. E. Becker. 2,325,134; July 29.
- Dredge hull. W. B. Macaulay. 2,314,624; Mar. 23.
- Dredge, placer. H. F. England. 2,316,943; Apr. 20.
- Dredge pump. G. C. Kumlin and J. W. Meckenstock. 2,312,422; Mar. 2.
- Dress. H. J. Pearl. 2,311,246; Feb. 16.
- Dress. H. J. Pearl. 2,331,079; Oct. 5.
- Dress and shroud. Adjustable. I. S. Hahn. 2,335,667; Nov. 30.
- Dress construction. H. D. Lytle. 2,325,143; July 27.
- Dress form. F. S. Sander. 2,335,314; Nov. 30.
- Dress form and hanger. L. Kahn. 2,315,371; Mar. 30.
- Dress. Maternity. C. B. Deichert. 2,324,371; July 13.
- Dress shield. L. K. Flocks. 2,337,807; Dec. 28.
- Dress-shield inner liners. Method of and apparatus for producing. W. J. Dean. 2,308,649; Jan. 19.
- Dress trimming machine. R. Carillo and A. Napolitano. 2,308,052; Jan. 12.
- Dress form for graders. L. M. Jones and H. E. Anderson. 2,327,272; Aug. 17.
- Dressing device. S. Madsen. 2,312,347; Mar. 2.

- Dressing device for grinding wheels. G. Stewart. 2,311,263; Feb. 16.
- Dressing mechanism. H. N. Seyferth. 2,317,411; Apr. 27.
- Dressing mechanism. H. N. Seyferth. 2,326,073; Aug. 3.
- Dressing mechanism. A. L. Stewart. 2,311,262; Feb. 16.
- Dressing mechanism. E. Wildhaber and L. O. Carlsen. 2,311,302; Feb. 16.
- Drier: *See*—
- Atmospheric drum drier. Heel press and drier.
 - Blue print drier. Laundry drier.
 - Clothes drier. Loose stock drier.
 - Coal drier. Portable drier.
 - Film drier. Print drier.
 - Grain drier. Rotary drier.
 - Hair drier. Ventilator and drier.
 - Hay drier. Window drier.
- Drier. F. R. Ackerman and W. Isler. 2,332,884; Oct. 26.
- Drier. F. E. Drummond and W. A. Waldie. 2,308,595; Jan. 19.
- Drier. E. Ericksson. 2,332,067; Oct. 19.
- Drier. J. C. Harris. 2,319,060; May 11.
- Drier. L. M. O'Neill. 2,334,025; Nov. 9.
- Drier. J. A. Schuch. 2,335,798; Nov. 30.
- Drier. E. R. Zademach. 2,334,854; Nov. 23.
- Drier and making same, Folding clothes. F. S. Boltz. 2,314,762; Mar. 23.
- Drier arrangement. G. L. C. Earle. 2,328,129; Aug. 31.
- Drier control. R. Skagerberg. 2,309,993; Feb. 2.
- Drift. F. J. Woodruff. 2,327,297; Aug. 17.
- Driftpin, swaging and aligning tool, Two-way. V. Gerlich. 2,314,582; Mar. 23.
- Drill: *See*—
- Angle drill. Portable drill.
 - Center drill. Radial drill.
 - Core drill. Rock drill.
 - Diamond drill. Speed drill.
 - Grain drill. Twist drill.
- Drill. J. J. Bouchal. 2,332,295; Oct. 19.
- Drill. F. A. Elch and F. E. Higgins. 2,328,029; Sept. 7.
- Drill. A. E. Halden. 2,334,080; Nov. 9.
- Drill. A. J. Nordberg. 2,325,535; July 27.
- Drill. J. S. Nurnberger and L. G. Lankford. 2,325,973; Aug. 3.
- Drill. R. R. Welch. 2,324,748; July 20.
- Drill bit. G. G. Harrington. T. H. Stanchiff, and C. H. Black. 2,321,484; June 8.
- Drill bit. M. Hokanson. 2,310,288-9; Feb. 9.
- Drill bit. C. W. Kandle. 2,320,610; June 1.
- Drill bit. E. B. Williams. 2,326,908; Aug. 17.
- Drill bits, Reconditioning. R. E. Calhoun. 2,326,520-1; Aug. 10.
- Drill carriage, Miner's. S. W. McDougall. 2,312,660; Mar. 2.
- Drill chuck. H. A. Mills. 2,337,402; Dec. 21.
- Drill control, Dentist. H. R. Clausen. 2,323,645; July 6.
- Drill grinding device. V. N. Hoerst. 2,313,641; Mar. 9.
- Drill guide. L. A. Spievak. 2,335,614; Nov. 30.
- Drill mounting. J. C. Curtis. 2,318,595; May 11.
- Drill pipe joint. W. T. Caldwell. 2,313,861; Mar. 16.
- Drill pipe protector assembly. W. G. L. Smith and M. M. Graham. 2,308,316; Jan. 12.
- Drill point gauge. G. F. Hofmann. 2,337,819; Dec. 28.
- Drill press, Multiple spindle. A. J. Noel. 2,318,619; May 11.
- Drill steel centralizer. M. O'Farrell. 2,308,203; Jan. 12.
- Drill stem conveyer. E. E. Williams. 2,335,719; Nov. 30.
- Drill stem valve. W. L. Church and W. K. Holleron. 2,329,981; Sept. 21.
- Drill with adjustable head. I. C. Clawson. 2,310,759; Feb. 9.
- Drilling and boring machine. A. C. Clayton. 2,313,624; Mar. 9.
- Drilling apparatus. H. C. Johansen. 2,322,237; June 22.
- Drilling apparatus. F. H. Mueller and W. J. Bowan. 2,314,012-14; Mar. 16.
- Drilling apparatus. F. H. Mueller and W. J. Bowan. 2,318,321; May 4.
- Drilling apparatus. F. H. Mueller and W. J. Bowan. 2,321,225; July 13.
- Drilling apparatus. F. H. Mueller and W. J. Bowan. 2,334,278; Nov. 16.
- Drilling apparatus. C. F. Osgood. 2,310,990; Feb. 16.
- Drilling apparatus. C. F. Osgood. 2,322,741; June 22.
- Drilling apparatus. W. W. Paget. 2,314,366; Mar. 23.
- Drilling apparatus. W. W. Paget. 2,318,622; May 11.
- Drilling apparatus. C. F. Terrell, Jr. 2,330,833; Oct. 5.
- Drilling apparatus. H. H. Vanderzee. 2,310,000; Feb. 2.
- Drilling attachment for rotary drilling rigs, Rat-hole. E. L. Alexander and A. W. Braithwaite. 2,314,323; Mar. 23.
- Drilling control, Automatic. J. C. and H. L. Conrad. 2,327,505; Aug. 24.
- Drilling, Directional. L. C. Miller and R. F. Bolton. 2,324,102; July 13.
- Drilling fluid. T. S. Chapman. 2,327,501; Aug. 24.
- Drilling fluid. H. T. Kennedy and A. J. Teplitz. 2,337,296; Dec. 21.
- Drilling fluid and drilling and lubricating wells. B. Cerf. 2,329,878; Sept. 21.
- Drilling fluid, Oil base. G. Miller. 2,316,968; Apr. 20.
- Drilling fluid, Treatment of mud-laden. T. B. Wayne. 2,333,133; Nov. 2.
- Drilling hook. G. F. Nicolson and R. K. Hertel. 2,331,341; Oct. 12.
- Drilling implement. W. Gerstenkorn. 2,323,027; June 29.
- Drilling machine. W. T. Caldwell. 2,334,312; Nov. 16.
- Drilling machine. L. L. Schauer. 2,335,589; Nov. 2.
- Drilling machine and spindle driving mechanism. E. J. Hirvonen. 2,309,589; Jan. 26.
- Drilling machine, Self-shank button. J. Jr., C. F., L. H., W. F., F. H., E. W., and L. G. Weber, and C. A. Goetzman. 2,313,981; Mar. 16.
- Drilling machinery, Rotary well. C. L. Allen. 2,330,795; Oct. 5.
- Drilling mud. R. B. Booth. 2,318,284; May 4.
- Drilling mud. G. E. Cannon. 2,336,595; Dec. 14.
- Drilling mud. E. E. Post and C. F. Bonnet. 2,319,705; May 18.
- Drilling mud, Aqueous. H. S. Ten Eyck and C. A. Fulton. 2,319,395; May 18.
- Drilling mud treatment. P. H. Jones. 2,331,696; Oct. 12.
- Drilling safety joint. G. D. Johnson. 2,307,275; Jan. 5.
- Drilling sub for oil wells, Directional. F. A. Diehl and M. B. Cockburn. 2,329,597; Sept. 14.
- Drinking attachment for beverage cans. C. O. Bjork. 2,327,010; Aug. 17.
- Drinking cup assembly. J. J. Bauman. 2,328,543; Sept. 7.
- Drinking glass holder. R. F. Clifford. 2,329,512; Sept. 14.
- Drinking tubes, Making angularly bent. S. T. Maltby. 2,316,700; Apr. 13.
- Drinking valve. W. B. Hewitt. 2,307,220; Jan. 5.
- Drip meter. R. K. Cutter. 2,315,109; Mar. 30.
- Drive. E. Orshansky, Jr. 2,316,278.
- Drive and control system, Diesel electric. S. H. Cowin. 2,317,253; Apr. 20.
- Drive chuck, Positive. M. P. Hubble. 2,315,524; Apr. 6.
- Drive connection. J. W. Batchelder. 2,327,852; Aug. 24.
- Drive construction, Shaker conveyer. C. N. Bebinger. 2,337,174; Dec. 21.
- Drive control, Two-speed supercharger. H. W. Gunberg. 2,323,582; July 20.
- Drive controller. H. A. and E. A. Wagner. 2,334,137; Nov. 9.
- Drive, Engine starter. C. S. Janes. 2,317,327; Apr. 20.
- Drive for balancing machines. J. G. Baker and H. C. Werner. 2,331,160; Oct. 5.
- Drive for bobbin-spinning machines, Mechanical-electrical. F. Friedland and R. Wieland. 2,335,003; Nov. 23.
- Drive for paper manufacturing machines. A. Vanden Bergh. 2,323,168; June 29.
- Drive for rear wheels, Side. A. Boynton. 2,331,300; Oct. 12.
- Drive for the spindles of machine tools. A. A. Bailly. 2,313,287; Mar. 9.
- Drive for valves and the like. H. E. Hodgson. C. W. Kuhn, and W. C. Stevens. 2,324,211; July 12.
- Drive, Geared axle. J. C. Rhoads. 2,312,931; Mar. 2.
- Drive gearing, Intermittent. A. A. Overbury. 2,323,415; July 6.
- Drive, Geneva. A. R. Thompson. 2,337,359; Dec. 21.
- Drive means for propeller driven craft. L. J. Root. 2,326,567; Aug. 10.
- Driving mechanism. T. Backus. 2,319,784; May 25.
- Drive mechanism. R. W. Canfield. 2,330,677; Sept. 28.
- Drive mechanism. P. L. Crittenden and C. M. Hines. 2,317,135; Apr. 20.
- Drive mechanism. E. W. Fuller. 2,317,903; Apr. 27.
- Drive mechanism. E. W. Fuller. 2,330,456; Sept. 28.
- Drive mechanism. H. W. Krag. 2,321,494; June 3.
- Drive mechanism for crawler tractors. F. Huber. 2,332,970; Oct. 26.
- Drive mechanism for office machines. E. Dronigke and H. Schuler. 2,337,233; Dec. 21.
- Drive mechanism for papermaking machines. B. A. Mallin. 2,307,746; Jan. 12.
- Drive mechanism for sludge collector. G. N. Wileman. 2,307,556; Jan. 5.
- Drive mechanism, Intermittent. A. T. Zappia. 2,334,684; Nov. 16.
- Drive mechanism, Reduction. J. W. Kinnucan. 2,309,908; Feb. 2.
- Drive, Multispeed. H. W. Cardwell. 2,316,131; Apr. 6.
- Drive roll assembly. C. F. Greiner. 2,334,086; Nov. 9.
- Drive shaft center bearing. N. E. Wahlberg, W. S. Berry, and J. F. Sladky. 2,315,467; Mar. 30.
- Drive system for process photography. W. F. Arndt. 2,310,339; Feb. 9.
- Drive transmission in motor vehicles. J. C. Haefeli. 2,337,884; Dec. 28.
- Drive, Vehicle. A. L. Lee. 2,317,623; Apr. 27.
- Driven member for friction clutches. M. Katcher. 2,321,821; June 15.
- Drive and extractor. Stud. O. Haas and J. Paluseo. 2,334,088; Nov. 9.

- Driver's chair. A. B. Bell. 2,310,346; Feb. 8.
Driving aid for motorists. R. B. Humphrey. 2,334,411; Nov. 16.
Driving and steering mechanism for automobiles. E. J. McFarland. 2,318,245; May 4.
Driving and stopping mechanism. C. L. Knott. 2,332,640; Oct. 26.
Driving apparatus for crawler type vehicles. C. W. Legullion. 2,325,690; Aug. 3.
Driving center. E. A. Terrell. 2,333,055; Oct. 26.
Driving device. R. O. Allen. 2,325,728; Aug. 3.
Driving light. G. F. Bahr. 2,307,739; Jan. 12.
Driving light. N. M. Michailovsky. 2,336,413; Dec. 7.
Driving machine. Fastener. P. Polzer. 2,332,257; Oct. 19.
Driving means for the slides of machine tools. O. E. Rosen. 2,316,106; Apr. 6.
Driving mechanism. P. R. Jaccard. 2,324,163; July 13.
Driving mechanism. Z. J. Jullin. 2,337,330; Dec. 21.
Driving mechanism. M. J. Keltz. 2,321,090; June 8.
Driving mechanism. F. Mathieu. 2,313,001; Mar. 1.
Driving mechanism. R. M. Nardone. 2,336,562; Dec. 14.
Driving mechanism. Cutoff. H. W. Bruker and F. W. Overton. 2,316,221; Apr. 13.
Driving mechanism for aircraft parts. R. M. Nardone. 2,322,153; June 15.
Driving mechanism for centrifugal compressors. Two-speed. H. C. A. Potez. 2,313,205; Mar. 9.
Driving mechanism for centrifugal separators. J. F. Tholl. 2,312,505; Mar. 2.
Driving mechanism for conveyors. P. M. Hassler. 2,309,587; Jan. 26.
Driving mechanism for hoists. R. B. Magee. 2,328,088; Aug. 31.
Driving mechanism for selectors. J. E. Hansson. 2,307,886; Jan. 12.
Driving mechanism for valve cutoff indicators. F. D. Weiden. 2,309,684; Feb. 2.
Driving unit. E. J. Karp. 2,328,076; Aug. 31.
Drop-bit apparatus. R. C. Origies. 2,327,446; Aug. 24.
Drop plug. R. N. Miller. 2,313,255; Mar. 9.
Drop wire support. E. S. McLean. 2,309,971; Feb. 2.
Dropper. W. Dubiller. 2,321,360; June 8.
Dropper. L. W. Schaaff. 2,330,149; Sept. 21.
Drum. C. H. Strupe. 2,331,096; Oct. 5.
Drum cleaning machine. C. Genascl. 2,319,985; May 25.
Drum conditioning apparatus. H. C. Harrington. 2,309,344; Jan. 26.
Drum connection. Thermal. W. H. Rowand. 2,331,932; Oct. 19.
Drum coupling. R. A. Nicholson. 2,328,669; Sept. 7.
Drum, Drier. E. E. Berry. 2,328,321; Aug. 31.
Drum, Practice. T. O. Morarre. 2,326,305; Aug. 10.
Drum press. C. P. E. Hoolhorst. 2,313,996; Mar. 16.
Drum rack. G. E. Weissert. 2,324,747; July 20.
Drum, Treacher. H. C. Bestwick. 2,333,163; Nov. 23.
Drum, Winding. H. C. Smith. 2,322,398; June 22.
Drums, Device for tightening wood barking. R. D. Newton. 2,337,404; Dec. 21.
Drums, Fabricating metal. A. W. McClary. 2,327,731; Aug. 24.
Dry cell and making the same. H. E. Lawson. 2,307,627; Jan. 5.
Dry-cleaning composition. L. H. Flett. 2,320,772; Aug. 17.
Dry-cleaning composition. L. H. Flett. 2,327,182-3; Aug. 17.
Dry-cleaning system and dry cleaning. M. Busi. 2,316,669; Apr. 13.
Dry dock, Floating. F. R. Harris. 2,325,607; Aug. 3.
Dry filter. V. Dahlman. 2,335,144; Nov. 23.
Dry flotation, and media and apparatus therefor. J. A. Brusset. 2,310,894; Feb. 9.
Dry lime hydrate and producing same. B. L. Corson. 2,309,168; Oct. 26.
Dry shaver cutter head. T. J. Murphy. 2,325,267; July 27.
Dry-shaving apparatus. J. de Groot. 2,334,254; Nov. 16.
Dry size and making. E. S. Wilson. 2,310,005; Feb. 2.
Drying. G. R. Eckstein and O. W. Diverall. 2,308,161; Jan. 12.
Drying and chilling chamber. W. S. Bowen. 2,335,732; Nov. 30.
Drying apparatus. J. H. A. McMordie and M. E. Wood. 2,334,721; Nov. 23.
Drying apparatus. A. G. Gautreau. 2,311,824; Feb. 23.
Drying apparatus. G. A. Vissac. 2,317,003; Apr. 20.
Drying apparatus and method. W. Davey. 2,307,995; Jan. 12.
Drying apparatus and method. D. D. Peebles. 2,310,650; Feb. 9.
Drying apparatus, Article. B. Wilson. 2,311,148; Feb. 16.
Drying apparatus, High vacuum, low temperature. J. Reichel. 2,307,802; Jan. 12.
Drying apparatus for cloth and the like. R. C. Parkes. 2,331,042; Oct. 5.
Drying apparatus, Yarn. C. E. McAllister. 2,318,511; May 4.
Drying cornstarch and similar materials. L. P. Tiers. 2,327,943; Aug. 24.
Drying machine. R. E. Bell. 2,308,239; Jan. 12.
Drying machine. R. W. Luzius. 2,315,124; Mar. 30.
Drying method. R. A. Bierwirth. 2,325,652; Aug. 3.
Drying method. D. D. Peebles. 2,312,474; Mar. 2.
Drying process. G. F. Downs, Jr. 2,323,524; July 6.
Drying process. E. C. Kirpatrick. 2,327,333; Aug. 17.
Drying rack. R. H. Gilley. 2,332,444; Oct. 19.
Drying rack for glue and the like. E. Galante. 2,334,322; Nov. 16.
Dual pattern controlled machine tool. E. G. Roehrm. 2,332,532; Oct. 26.
Dual purpose traveling block. H. S. Kelly. 2,314,502; Mar. 23.
Dual wave generator. C. K. Gieringer. 2,313,427; Mar. 9.
Dual wheel brake. C. S. Ash. 2,329,097; Sept. 7.
Dual wheel brake. C. S. Ash. 2,331,159; Oct. 5.
Dual wheel brake. C. S. Ash. 2,334,692; Nov. 23.
Dual wheel vehicle. C. S. Ash. 2,310,921; Feb. 16.
Duck and rubber hose, Reinforced. T. A. Weiger. 2,330,651; Sept. 28.
Duct, Anti-leak. C. L. Johnson. 2,320,870; June 1.
Duct, bell holder. J. F. Willson. 2,336,147; Dec. 7.
Duct construction. G. A. McDonough. 2,333,026; Oct. 26.
Duct for air conditioning systems. H. E. Wichner. 2,330,769; Sept. 28.
Duct system, Underfloor. G. E. Blinn. 2,335,906; Dec. 7.
Ductile tubing connector. R. E. Snyder. 2,315,780; Mar. 16.
Dump body. Tilting. E. H. Allen. 2,320,995; June 8.
Dump truck hoist mechanism. D. R. Merchant. 2,321,406; June 8.
Dump vehicle construction. L. S. Wood. 2,326,594; Aug. 10.
Dump vehicle construction. L. S. Wood. 2,332,961; Oct. 26.
Dumping body, Garbage. L. W. Wachter. 2,316,826; Apr. 20.
Duplex brake. J. F. Swift. 2,311,783; Feb. 23.
Duplex lapping machine. H. S. Indge. 2,311,185; Feb. 16.
Duplex system. W. G. H. Finch. 2,312,328; Mar. 2.
Duplex trimming mechanism. J. Galkin. 2,333,421; Nov. 2.
Duplex wrapping machine. D. M. Fincke and L. Ferenc. 2,335,750; Nov. 30.
Duplicate picture producing machine. G. W. Glazier. 2,329,985; Sept. 21.
Duplicating apparatus. R. A. Williams. 2,315,175; Mar. 30.
Duplicating machine. F. R. Ford. 2,337,808; Dec. 28.
Duplicating machine. M. P. Neal. 2,335,954; Dec. 7.
Duplicating machines, Moistening means for. E. Wilderson. 2,307,555; Jan. 5.
Duplicating mechanism. T. F. Brackett. 2,321,984; June 15.
Duplicating process for reproducing color designs of high color intensity. W. J. Champion. 2,337,737; Dec. 28.
Duplication copies, Increasing the fade resistance of. W. J. Champion. 2,332,696; Oct. 26.
Duplication process and master sheet for use therein. W. J. Champion. 2,320,769; June 1.
Duplication verification apparatus. W. J. A. Bailey and H. Panissid. 2,314,679; Mar. 23.
Duplicator, Rotary. R. R. Rockhill. Re. 22,406; Dec. 14.
Dust arresting apparatus. R. Ruemelin and O. H. Harris. 2,308,309; Jan. 12.
Dust bag attachment for suction cleaners. C. L. Moorhead. 2,316,353; Apr. 13.
Dust bags for vacuum cleaners. H. B. Fuge. 2,308,682; Jan. 19.
Dust collector. T. B. Allardice. 2,327,691; Aug. 24.
Dust collector. R. L. Lincoln. 2,331,768; Oct. 12.
Dust collector, Venturi. W. S. Bowen. 2,322,414; June 22.
Dust iron core. K. Kaschke. 2,330,590; Sept. 28.
Dust, Method of and apparatus for collecting. B. F. Fowler. 2,336,004; Dec. 7.
Dust mop cleaner. C. R. Curtis. 2,331,457; Oct. 12.
Dust separator. L. S. Linderhorst, Jr. 2,323,405; July 6.
Dust recorder. V. Dahlman and A. Nutting. 2,312,295; Feb. 23.
Dust separating system. M. Seymour. 2,335,315; Nov. 30.
Duster for insecticides. W. G. Bruce. 2,316,932; Apr. 20.
Dusting machine. E. R. Dye. 2,310,620; Feb. 9.
Dwelling. L. Hughes. 2,312,166; Feb. 23.
Dye and photographic emulsion containing the same. F. M. Hamer and R. J. Rathbone. 2,322,015; June 15.
Dye, Azo. J. B. Dickey and J. G. McNally. 2,313,738; Mar. 16.
Dye bath for the dyeing of textile goods. F. Münz. 2,308,021; Jan. 12.
Dye beck. E. B. Ryder, Jr. 2,320,891; June 1.
Dye bleaching process. R. A. Morris. 2,326,055; Aug. 3.
Dye images, Producing. G. Ehrenfried. 2,322,001; June 15.
Dye images, Producing. R. V. Young and G. Ehrenfried. 2,311,015; Feb. 16.
Dye intermediate. L. G. Brooker and H. W. J. Cressman. 2,317,357; Apr. 27.
Dye intermediate. L. G. S. Brooker and W. W. Williams. 2,330,203; Sept. 28.
Dye intermediate. J. E. Kirby. 2,330,291; Sept. 28.

- Dye intermediate and preparation, Polymethine. L. G. S. Brooker and G. H. Keyes. 2,315,498; Apr. 6.
- Dye packages, Forming. E. J. Abbott. 2,334,165; Nov. 16.
- Dye, Trisazo. C. E. Sparks and J. H. Trepagnier. 2,322,750; June 29.
- Dyeing cellulose derivatives. K. R. House and H. C. Olpin. 2,327,426; Aug. 24.
- Dyeing cellulose esters. R. Schnegg. 2,328,682; Sept. 7.
- Dyeing effects, Novel. L. H. Bock and A. L. Houk. 2,330,775; Sept. 28.
- Dyeing machine. W. E. Rowlandson, Jr. 2,332,346; Oct. 19.
- Dyeing photographic silver halide emulsions. J. Des-sauer. 2,317,257; Apr. 20.
- Dyeing with vat dyes. W. M. Wentz. 2,318,153; May 4.
- Dyeings. W. Tischbein, O. Bayer, J. Nelles, and F. Ruf. 2,307,973; Jan. 12.
- Dyeings, Improving fastness of. G. Widmer and A. Ru-derti. 2,322,333; June 22.
- Dyes, Azo. J. B. Dickey and J. G. McNally. 2,307,921; Jan. 12.
- Dyes, Azo. S. S. Rossander, D. E. Kvalnes, and C. E. Sparks. Re. 22,286; Mar. 9.
- Dyes for cellulosic fibers, Soluble trisazo. S. S. Ros-sander. 2,322,746; June 29.
- Dyes in photographic emulsions, Diffusion of sensitizing. E. P. Davey. 2,331,660; Oct. 12.
- Dyes in powder form, Preparing vat. W. R. Waldron. 2,318,439; May 4.
- Dyes of the anthraquinone acid wool dyestuff series. A. J. Wuertz and D. N. Klein. 2,329,809; Sept. 21.
- Dyes, Producing aza-methine. J. D. Kendall. 2,307,049; Jan. 5.
- Dyes, Water-insoluble disazo. A. Thurm, H. Krzikalla, and A. Kirsch. 2,315,232; Mar. 30.
- Dyestuff and preparation, Tricarbo-cyanine. J. D. Kendall. 2,335,861; Dec. 7.
- Dyestuff intermediate, Azo. N. M. Mackenzie. 2,328,353; Aug. 31.
- Dyestuff intermediates. A. J. Wuertz and H. B. Gott-lieb. 2,329,023; Sept. 7.
- Dyestuff intermediates, Cyanine. J. D. Kendall. 2,332,517; Oct. 26.
- Dyestuff of the anthanthrone series, Vat. W. Zerweck, R. Müller and K. Bähr. 2,320,694; June 1.
- Dyestuff preparations. F. Felix. 2,312,398; Mar. 2.
- Dyestuffs, Acid wool. W. Zerweck and E. Heinrich. 2,333,137; Nov. 2.
- Dyestuffs and making same, Indigoid. J. Froehlich, E. Stoecklin, and R. Tobler. 2,315,195; Mar. 30.
- Dyestuffs and making the same, Stilbene. E. Keller. 2,333,427; Nov. 2.
- Dyestuffs and making same, Substantive azo. F. Straub and W. Hanhart. 2,314,023; Mar. 16.
- Dyestuffs and their manufacture, Arylamino anthra-quinone. E. Gutzwiller. 2,315,788; Apr. 6.
- Dyestuffs and their manufacture, Azo. A. Conzetti and G. Schetty. 2,331,278; Oct. 5.
- Dyestuffs, Azo. N. M. Mackenzie. 2,310,181; Feb. 2.
- Dyestuffs, Azo. S. S. Rossander, C. E. Sparks, and C. W. Maynard, Jr. 2,319,255; May 18.
- Dyestuffs becoming green when chromed and their manu-facture. A. Conzetti and G. Schetty. 2,317,733; Apr. 27.
- Dyestuffs, Benzocridonil anthraquinone. A. Müller. 2,345,537; Apr. 6.
- Dyestuffs, Conditioning anthraquinone vat. G. M. O'Neal. 2,308,711; Jan. 19.
- Dyestuffs, Metalliferous substantive. G. Kopp. 2,328,465; Aug. 31.
- Dyestuffs, New vat. W. Burneleit. 2,319,719; May 18.
- Dyestuffs of the anthraquinone series. E. C. Buxbaum. 2,332,779; Oct. 26.
- Dyestuffs of the anthraquinone series. E. C. Buxbaum. 2,335,643; Nov. 30.
- Dyestuffs of the anthraquinone series. D. P. Graham. 2,312,401; Mar. 2.
- Dyestuffs of the anthraquinone series. R. N. Lulek and E. C. Buxbaum. 2,318,174; May 4.
- Dyestuffs of the anthraquinone series. W. L. Rintelman. 2,335,698; Nov. 30.
- Dyestuffs of the anthraquinone series. A. J. Wuertz and D. P. Graham. 2,312,462; Mar. 2.
- Dyestuffs of the anthraquinone series. A. J. Wuertz, R. N. Lulek, and W. L. Rintelman. 2,334,892; Nov. 23.
- Dyestuffs of the anthraquinone series, Vat. A. J. Wuertz, M. A. Perkins, and W. T. Granger. 2,334,891; Nov. 23.
- Dyestuffs of the anthraquinone series. A. J. Wuertz and M. S. Whelen. 2,310,143; Feb. 2.
- Dyestuffs of the anthraquinone series, Acid wool. A. J. Wuertz, H. R. Lee, and E. C. Buxbaum. 2,333,402; Nov. 2.
- Dyestuffs of the anthraquinone series and their manu-facture, Water-soluble. A. Peter. 2,329,783; Sept. 21.
- Dyestuffs of the dibenzanthrone series. E. T. Howell. 2,310,087; Feb. 2.
- Dyestuffs of the dibenzanthrone series. O. Stallmann. 2,318,266; May 4.
- Dyestuffs, Printing vat. A. Davidson, E. Chapman, S. T. McQueen and J. Payman. 2,327,405; Aug. 24.
- Dynamic braking. H. R. Anderson, N. Wilkinson and J. L. Ray. 2,336,052; Dec. 7.
- Dynamo circuit. B. D. Mickey. 2,308,993; Jan. 19.
- Dynamo for bicycles, Hub-operated. A. Rabl. 2,322,969; June 29.
- Dynamo-electric machine. A. Fisher. 2,307,774; Jan. 12.
- Dynamo-electric machine. A. Fisher. 2,316,779; Apr. 20.
- Dynamo-electric machine. R. Gold. 2,310,422; Feb. 9.
- Dynamo-electric machine. W. R. Goss and R. D. Jones. 2,308,279; Jan. 12.
- Dynamo-electric machine. L. Griffiths. 2,317,187; Apr. 20.
- Dynamo-electric machine. L. P. Grobel. 2,324,297; July 13.
- Dynamo-electric machine. R. H. Kaufmann. 2,325,407; July 27.
- Dynamo-electric machine. K. A. Killam and F. W. Mer-rill. 2,312,101; Feb. 23.
- Dynamo-electric machine. T. M. Linville. 2,319,614; May 18.
- Dynamo-electric machine. F. W. Merrill. 2,307,785; Jan. 12.
- Dynamo-electric machine. H. S. Page. 2,324,319; July 13.
- Dynamo-electric machine. H. L. Smith and F. J. Rathbun. 2,313,399; Feb. 16.
- Dynamo-electric machine and mounting means therefor. J. W. Livingston. 2,315,065; Mar. 30.
- Dynamo-electric machine brush rigging. P. B. Shaffer. 2,324,327; July 13.
- Dynamo-electric machine coil support. C. W. Lange and J. K. Wentz. 2,328,470; Aug. 31.
- Dynamo-electric machine construction. W. H. Brady. 2,320,351; Sept. 7.
- Dynamo-electric machines, Ventilation of. G. Soldner. 2,310,470; Feb. 9.
- Dynamometer. C. C. Bennett. 2,336,838; Dec. 14.
- Dynamometer. W. C. Dillon. 2,332,136; Oct. 19.
- Dynamometer excitation control system. R. H. Kauf-mann. 2,335,860; Dec. 7.
- Dynamometer, force measuring apparatus. O. S. Carliss. 2,313,862; Mar. 16.
- Dynamometer, Muscle. J. H. Kellogg. 2,309,511; Jan. 26.
- Dynamometer, Transmission. G. H. Walker. 2,322,182; June 15.
- Dynamometer type electric machine. T. Okamura and K. Sakai. 2,311,634; Feb. 23.
- Ear muff. L. Goretsky. 2,314,782; Mar. 23.
- Earphone. R. W. Carlisle and A. J. Mastropole. 2,325,590; Aug. 3.
- Earphone support and silencer cup. R. W. Brown and R. Iredell. 2,336,669; Dec. 14.
- Ear protecting device. M. Sahlmann. 2,325,150; July 27.
- Ear protector. C. E. Cole. 2,327,620; Aug. 24.
- Earth boring tool. C. W. Kandle. 2,320,612; June 1.
- Earth drilling mechanism. L. L. Hazen. 2,328,274; Aug. 31.
- Earth formations, Analyzing. H. H. Thompson. 2,320,681; June 1.
- Earth formations traversed by boreholes, Method and ap-paratus for investigating. A. Claudet. 2,334,475; Nov. 16.
- Earth handling machine and berm finisher. D. S. Hoover. 2,313,342; Mar. 9.
- Earth mover. E. W. Austin. 2,319,486; May 18.
- Earth mover. G. E. Carrington. 2,309,750; Feb. 2.
- Earth mover. A. T. Spencer, Jr. 2,323,428; July 6.
- Earth mover and bulldozer, Combination. E. C. Gledhill. 2,313,534; Mar. 9.
- Earth moving equipment. L. Berner. 2,318,190; May 4.
- Earth working apparatus. W. H. Click. 2,311,639; Feb. 23.
- Easel, Display. E. H. Taylor and W. S. Carter. 2,317,867; Apr. 27.
- Ensel, Enlarging. F. M. Lund. 2,315,066; Mar. 30.
- Ensel, Picture frame. G. Rosenberg and L. Spelman. 2,324,027; July 13.
- Easy opening container. W. F. Punte. 2,312,359; Mar. 2.
- Eccentric, Adjustable. S. I. Bousman. 2,310,209; Feb. 9.
- Eddy-current coupling. M. P. Winther. 2,334,976; Nov. 23.
- Edge gluing process. G. F. Linquist. 2,317,281; Apr. 23.
- Edge grinding machine for strip material. P. E. Car-rick. 2,332,890; Oct. 26.
- Edge roll for mattresses. P. Krakauer. 2,315,968; Apr. 6.
- Edge setting machine. W. Hamann. 2,326,892; Aug. 17.
- Edge setting machine. E. J. Ray. 2,326,893; Aug. 17.
- Edge setting machine. E. W. Smith. 2,326,891; Aug. 17.
- Edge trimming means for use in rotary printing presses. W. A. Pratt. 2,324,950; July 20.
- Edger saw collar. P. A. Price. 2,337,854; Dec. 28.
- Edges of two paper board web section, Associating the. M. M. Marcuse. 2,309,469; Jan. 26.
- Edging for hat supports. L. Creper. 2,324,366; July 13.
- Edible plastic substance cutter. C. Doering. 2,326,016; Aug. 3.
- Edible products, Making composite frozen. H. R. Howser. 2,316,165; Apr. 13.

- Education device. P. A. Brown. 2,329,453; Sept. 14.
Educational and amusement device. T. Compete. 2,317,590; Apr. 27.
Educational and display device. C. O. Johnston. 2,310,738; Feb. 9.
Educational apparatus. A. L. Howard. 2,335,941; Dec. 7.
Educational apparatus. R. B. Tiers. 2,327,471; Aug. 24.
Educational appliance for airplane operation. G. D. Harris. 2,332,218; Oct. 19.
Educational block. E. L. Nelson. 2,329,292; May 25.
Educational device. Z. B. Adams. 2,316,147; Apr. 13.
Educational device. J. V. Horr. 2,324,841; July 20.
Educational device. J. V. Horr. 2,332,148; Oct. 19.
Educational device. R. B. Johnson. 2,310,437; Feb. 9.
Educational device. C. R. Goshel. 2,317,407; Apr. 20.
Educational device. V. R. Short. 2,319,162; May 11.
Educational device for teaching orientation by compass. J. V. Horr. 2,333,933; Nov. 9.
Eductor tank mixer. E. H. Atwood. 2,322,087; June 15.
Egg container. H. M. Kleckhofer. 2,315,624; Apr. 6.
Egg drying apparatus. R. P. Young. 2,327,754; Aug. 24.
Egg treating apparatus. F. B. Lomax. 2,321,092; June 8.
Eggs. Incubation of. Z. Y. Kuo. 2,328,347; Aug. 31.
Sammone-5-hydroxy-2-sulphothylamine 1,4-naphthoquinone. J. B. Luckey and J. G. McNally. 2,311,032; Feb. 16.
Ejector for slot-cutting dies. J. D. Klopfenstein. 2,327,530; Aug. 24.
Ejector pump. Combination centrifugal. W. J. Conery. 2,335,169; Nov. 23.
Elastic collar holder. A. C. Patch. 2,331,625; Oct. 12.
Elastic coupling. F. Schmidt. 2,326,976; Aug. 17.
Elastic fluid condenser. R. H. Norris. 2,332,336; Oct. 19.
Elastic fluid compressor or motor. R. Beckman. 2,324,903; July 20.
Elastic fluid turbine arrangement. E. M. Phillips. 2,336,290; Dec. 7.
Elastic garment and producing same. H. Knohl. 2,334,206; Nov. 16.
Elastic pile fabric. M. C. Teague and T. G. Hawley, Jr. 2,312,200; Feb. 23.
Electric amplifier system. H. Boucke. 2,315,043; Mar. 30.
Electric appliance. James J. Gough. 2,309,641; Feb. 2.
Electric are apparatus. L. A. Matheson. 2,314,006; Mar. 16.
Electric are apparatus. L. A. Matheson. F. C. Hach. and M. P. De Haas. 2,314,007; Mar. 16.
Electric are extinguishing apparatus. O. C. Traver. 2,314,292; Mar. 16.
Electric are furnace with removable hearth or roof. R. Nissim. 2,313,837; Mar. 16.
Electric are welding torch. V. H. Pavleeka. 2,314,628; Mar. 23.
Electric bath. R. Rouat. 2,311,415; Feb. 16.
Electric batteries. Arrangement for charging secondary. E. A. Richards. 2,334,289; Nov. 16.
Electric bed warmer. G. W. Criss. 2,313,864; Mar. 16.
Electric bird and character. Animated. H. H. Selvage. 2,322,668; June 22.
Electric box holder. R. Hancock and A. Harris. 2,309,189; Jan. 26.
Electric brake control system. W. F. Penrose. 2,319,258; May 18.
Electric broiling device. A. C. Orkfriz. 2,329,937; Sept. 21.
Electric burglar alarm. E. E. Cloud. 2,334,316; Nov. 16.
Electric cable. H. L. Beede. 2,315,039; Mar. 30.
Electric cable. L. S. Burgett. 2,308,673; Jan. 19.
Electric cable. W. T. Peirce. 2,326,557; Aug. 10.
Electric cable. T. F. Peterson. 2,316,808; Apr. 20.
Electric cable. S. J. Rosch. 2,315,736; Apr. 6.
Electric cable cutter. F. G. Wilson, Sr. 2,329,805; Sept. 21.
Electric cable. Making high tension. H. H. Race. 2,320,796; June 1.
Electric cable or other insulated conductor. F. W. Tomlinson and C. M. Beckett. 2,312,506; Mar. 2.
Electric capacitor. F. M. Clark. 2,307,488; Jan. 5.
Electric carillon. G. W. Demuth. 2,321,366; June 8.
Electric circuit. M. S. Burgess. 2,337,541; Dec. 28.
Electric circuit. M. A. Edwards. 2,313,526; Mar. 9.
Electric circuit. E. D. Goodale. 2,315,784; Apr. 7.
Electric circuit. M. Hyodo. 2,333,010; Oct. 26.
Electric circuit. T. C. Lennox. 2,323,716; July 6.
Electric circuit. S. Minneel. 2,322,249; June 22.
Electric circuit. S. Minneel. 2,332,332; Oct. 19.
Electric circuit. B. M. Oliver. 2,322,875; June 29.
Electric circuit. H. A. Peterson. 2,326,886; Dec. 14.
Electric circuit. T. T. Short. 2,322,597; June 22.
Electric circuit breaker. W. A. Atwood. 2,333,459; Nov. 2.
Electric circuit breaker. P. Bartlett. 2,310,728; Feb. 9.
Electric circuit breaker. C. Bresson. 2,327,493; Aug. 24.
Electric circuit breaker. W. G. Harlow, G. A. Healis, and E. A. Williams, Jr. 2,337,889; Dec. 28.
Electric circuit breaker. H. Korndörfer. 2,310,093; Feb. 2.
Electric circuit breaker. L. J. Linde. 2,335,068; Nov. 23.
Electric circuit breaker. C. Thumlin. 2,310,735; Feb. 9.
Electric circuit breaker. C. Thumlin. 2,315,991; Apr. 6.
Electric circuit breaker. Gas blast. W. K. Rankin. 2,313,580; Mar. 9.
Electric circuit control. C. A. W. Grierson. 2,332,073; Oct. 19.
Electric circuit control mechanism. C. L. Paulus. 2,329,215; Sept. 14.
Electric circuit employing grid-controlled gas discharge tubes. W. G. Shepherd. 2,314,739; Mar. 23.
Electric circuit for photoelectric engraving machines. G. E. Losier and L. V. Skinner. 2,312,042; Feb. 23.
Electric circuit interrupter. R. C. Dickinson. 2,314,693; Mar. 23.
Electric circuit interrupter. B. R. Hermann. 2,335,062; Nov. 23.
Electric circuit interrupter. C. Thumlin. 2,324,891; July 20.
Electric circuit interrupting device. F. Weil. 2,316,036; Apr. 6.
Electric circuit interrupting device. E. A. Williams, Jr. and C. L. Schuck. 2,309,489; Jan. 26.
Electric circuit service head. E. E. Phillips. 2,309,920; Feb. 2.
Electric circuits. F. R. Norton. 2,315,073; Mar. 30.
Electric circuits. Measurement of envelope delay of. M. S. Burgess. 2,337,540; Dec. 28.
Electric circuits. Protective device for. R. H. Gold and H. M. Lacey. 2,335,240; Nov. 30.
Electric clock. A. Quebarte. 2,311,964; Feb. 23.
Electric clock system. O. H. Dicke. 2,313,466; Mar. 9.
Electric coils. Making. T. A. Rich. 2,334,581; Nov. 16.
Electric communication cable. J. C. Quayle. 2,330,381; Sept. 28.
Electric condenser. R. L. Jenner. 2,308,694; Jan. 19.
Electric condenser. W. Voigtmann. 2,335,714; Nov. 30.
Electric condenser bushing. I. W. A. Kirkwood and P. D. Ritchie. 2,322,215; June 22.
Electric conductor. G. R. Brown. 2,336,219; Dec. 7.
Electric conductor. P. E. H. Eichinger. 2,334,756; Nov. 23.
Electric conductor. Flexible. J. Hoekstra and J. E. H. Rierer. 2,308,975; Jan. 19.
Electric conductor, insulated. J. E. Brigg. 2,318,367; May 4.
Electric conductor, insulated. G. W. Brown. 2,312,024; Feb. 23.
Electric conductor strand. Composite. T. F. Peterson. 2,314,798; Mar. 23.
Electric conductors, finishing. I. C. Eaton. 2,316,572; Apr. 13.
Electric connecting plug. W. J. Ebbitt. 2,311,820; Feb. 23.
Electric connector. H. W. Batcheller. 2,336,385; Dec. 7.
Electric connector. W. E. Fladd. 2,332,816; Oct. 26.
Electric contact. W. Aron. 2,336,917; Dec. 14.
Electric contact and the like. E. I. Larsen and E. F. Swazy. 2,319,240; May 18.
Electric contact element. I. R. Latta. 2,334,562; Nov. 16.
Electric contact member. J. E. Lake. 2,319,610; May 18.
Electric control apparatus. L. C. Menard and C. V. Seibert. 2,332,827; Oct. 26.
Electric control circuit. L. G. Levy, Jr. 2,332,325; Oct. 19.
Electric control circuit. L. H. Matthias. 2,330,505; Sept. 28.
Electric control circuit. H. L. Palmer and G. W. Garman. 2,310,112; Feb. 2.
Electric control circuit. G. L. Rogers. 2,337,932-3; Dec. 28.
Electric control circuits. L. C. Ludbrook. 2,316,008; Apr. 6.
Electric control circuits. J. L. Stratton. 2,330,638; Sept. 28.
Electric control means. E. H. Ayers. 2,320,117; May 25.
Electric control means. J. W. Owens. 2,312,974; Mar. 2.
Electric control system. D. W. Borst. 2,331,103; Oct. 5.
Electric control system and apparatus. G. Bellows, Jr. 2,315,923; Apr. 6.
Electric control system for engine generator units. L. W. Melcher. 2,307,845; Jan. 12.
Electric controlling apparatus. R. A. Andrews. 2,309,156; Jan. 26.
Electric controlling apparatus. F. G. Logan. 2,315,264; Mar. 30.
Electric converter. G. Leischner. 2,318,503; May 4.
Electric cooker. P. J. McCullough. 2,308,091; Jan. 12.
Electric coupling torque indicating device. J. S. Newton. 2,330,991; Oct. 5.
Electric current distributor. E. B. Novoselski. 2,331,793; Oct. 12.
Electric decoding device. H. P. Mixer. 2,323,833; July 6.
Electric detonators. Manufacture of. W. Taylor and M. Jones. 2,331,007; Oct. 5.
Electric device for distant indication. H. Pittet. 2,316,987; Apr. 20.

- Electric device, Migrationproof. F. M. Clark. 2,332,891; Oct. 26.
- Electric device, Vapor. H. C. Meyers. 2,313,957; Mar. 16.
- Electric device, Vapor. A. Siemens, H. von Bertele, and W. Burgsmüller. 2,313,029; Mar. 2.
- Electric discharge apparatus. J. W. Dawson. 2,323,650; July 6.
- Electric discharge apparatus. H. C. Jenks. 2,327,268; Aug. 17.
- Electric discharge apparatus. D. D. Knowles and C. E. Haller. 2,310,092; Feb. 2.
- Electric discharge apparatus. L. W. Morton. 2,307,531; Jan. 5.
- Electric discharge apparatus. L. R. Peters. 2,313,575; Mar. 9.
- Electric discharge apparatus. G. L. Tawney. 2,323,735; Apr. 6.
- Electric discharge device. W. H. Bennett. 2,333,145; Nov. 2.
- Electric discharge device. P. J. Johnson. 2,312,246; Feb. 23.
- Electric discharge device and electrode therefor. E. Lemmers. 2,320,126; Sept. 7.
- Electric discharge device, Gaseous. D. W. Abernathy. 2,327,755; Aug. 24.
- Electric discharge lamp. J. L. Cox. 2,322,224; June 22.
- Electric discharge lamp. J. L. Cox. 2,322,421; June 22.
- Electric discharge lamp. H. Krefit and K. Larché. 2,329,626; Sept. 14.
- Electric discharge lamp circuit. W. Oglesbee. 2,313,961; Mar. 16.
- Electric discharge lamp starting device. R. B. Thomas. 2,333,215; Nov. 2.
- Electric discharge system. W. H. Bennett. 2,334,377; Nov. 16.
- Electric discharge systems. R. M. Somers. 2,309,874; Feb. 2.
- Electric discharge tube. E. C. Dench. 2,316,773; Apr. 20.
- Electric discharge tubes, Controlling. A. H. Brackensley. 2,309,883; Feb. 2.
- Electric distribution system. L. R. Bogardus. 2,328,373; Aug. 31.
- Electric distribution system. A. A. Bolsterli. 2,335,103; Nov. 23.
- Electric distribution system. H. E. Pearson. 2,323,418; July 6.
- Electric drilling, caulking, chipping and riveting tool. A. H. Bitner. 2,331,760; Oct. 12.
- Electric drive. E. F. W. Alexanderson. 2,312,061-2; Feb. 23.
- Electric drive. E. F. W. Alexanderson. 2,315,489-91; Apr. 6.
- Electric drive and control system, Generating. T. O. Lillaquist. 2,314,587-S; Mar. 23.
- Electric dry shaver. G. G. Goings. 2,331,466; Oct. 12.
- Electric dry shaver. A. H. Sorensen. 2,312,497; Mar. 2.
- Electric eye curb indicator. J. R. Toney. 2,317,652; Apr. 27.
- Electric fan. H. W. Mackey and G. M. Lane. 2,308,335; Jan. 12.
- Electric fan. L. Rendano. 2,313,481; Mar. 9.
- Electric fan assembly. W. A. Spear. 2,331,056; Oct. 5.
- Electric feathering control. M. C. Beebe, Jr. 2,333,973; Nov. 9.
- Electric fence charger. G. E. Borton. 2,311,634; Feb. 23.
- Electric fence charging system. T. S. Harris. 2,331,775; Oct. 12.
- Electric fluid generator. A. Caldwell and V. A. Elliott. 2,312,876; Mar. 2.
- Electric fluid heating means. F. D. Shrub. 2,312,677; Mar. 2.
- Electric fluid turbine. O. A. Wiberg. 2,307,716; Jan. 5.
- Electric forging apparatus. W. F. Heinemann. 2,313,068; Mar. 9.
- Electric forming. S. and A. Westin. 2,335,165; Nov. 23.
- Electric forming apparatus. W. E. Crawford. 2,325,481; July 27.
- Electric forming apparatus. W. C. Heath. 2,313,067; Mar. 9.
- Electric forming of metallic structures. S. Westin. 2,325,564; July 27.
- Electric frequency changing system. E. E. Moyer and C. C. Clymer. 2,335,874; Dec. 7.
- Electric fuel pump. A. C. Korte and K. Lannert. 2,319,934; May 25.
- Electric furnace. D. Gardner. Re. 22,274; Feb. 23.
- Electric furnace. O. Junker, E. Breuer and K. Knauff. 2,323,051; June 29.
- Electric furnace. R. G. Le Tourneau. 2,335,344; Nov. 30.
- Electric furnace. G. Slayter, F. W. Atkinson, E. Fletcher, and H. V. Smith. 2,314,956; Mar. 30.
- Electric furnace for melting glass. E. V. Borel. 2,313,217; Mar. 9.
- Electric furnace for the manufacture of condensable products. R. E. Lambert. 2,325,521; July 27.
- Electric fuse. E. W. Garrison, Jr. 2,323,213; June 29.
- Electric fuse. C. R. Serfling and C. L. Schuck. 2,337,937-8; Dec. 28.
- Electric fuse. E. V. Sundt. 2,313,373; Mar. 9.
- Electric fuse. M. B. Wood. 2,308,435; Jan. 12.
- Electric fuse of cartridge type. R. C. Andersen, I. E. Humphreys, and K. Dannenberg. 2,333,354; Nov. 2.
- Electric generator. H. C. Stearns. 2,336,759; Dec. 14.
- Electric hand lamp and the like. S. D. Sullam. 2,315,026; Mar. 30.
- Electric heater. E. C. Crowley. 2,311,371; Feb. 16.
- Electric heater. J. L. Shroyer. 2,317,228; Apr. 20.
- Electric heater. G. Van Daam. 2,313,786; Mar. 16.
- Electric heater control. W. R. Tuttle. 2,317,907; Apr. 27.
- Electric heater for oil wells. H. E. Freeman. 2,332,708; Oct. 26.
- Electric heating. E. L. Wiegand. 2,322,988; June 29.
- Electric heating and forming apparatus. W. E. Crawford. 2,325,479; July 27.
- Electric heating apparatus for all applications. J. Lobstein. 2,313,492; Mar. 9.
- Electric heating element. J. C. Chaston. 2,311,028; Feb. 16.
- Electric heating element. A. B. Holand. 2,331,093; Oct. 5.
- Electric heating of metal rod ends. J. Slepian. 2,307,749-50; Jan. 12.
- Electric heating pad. F. Loh. 2,323,478; July 6.
- Electric heater. E. E. Challa. 2,330,867; Oct. 5.
- Electric heat-radiating means for walls, ceilings, or the like radiating electrically generated warmth. J. L. Musgrave. 2,328,666; Sept. 7.
- Electric hoist. C. S. Schroeder. 2,321,525; June 8.
- Electric home permanent waver. F. G. Hall. 2,326,141; Aug. 10.
- Electric horn. J. White. 2,326,421; Aug. 10.
- Electric impact and interrupter switch apparatus. R. H. Smith. 2,337,843; Dec. 28.
- Electric impulse apparatus, Delayed action interrupter. A. P. Jorgenson. 2,325,249; July 27.
- Electric-impulse time-instrument system. W. W. Lunden. 2,308,243-4; Jan. 12.
- Electric incandescent lamp. C. L. Fantur and E. E. Lehman. 2,321,663; June 15.
- Electric indicating mechanism. R. A. Nevinger. 2,309,205; Jan. 26.
- Electric induction apparatus. G. Camilli. 2,331,106; Oct. 5.
- Electric induction apparatus. J. Peterson. 2,337,346; Dec. 21.
- Electric induction furnace therefor, Heating and. E. J. Limpel. 2,337,258; Dec. 21.
- Electric iron. J. J. Gough. 2,325,017; July 20.
- Electric iron. B. G. Olving. 2,323,414; July 6.
- Electric iron. F. W. Scharf. 2,320,013; May 25.
- Electric ironer. W. A. Spear. 2,318,811; May 11.
- Electric knife with changeable points. W. A. Draeger. 2,310,844; Feb. 9.
- Electric lamp. J. Dana. 2,317,035; Apr. 20.
- Electric lamp. G. E. Inman and W. C. Smitley. 2,317,061; Apr. 20.
- Electric lamp. N. Insley. 2,324,212; July 13.
- Electric lamp. I. H. Van Horn. 2,326,419; Aug. 10.
- Electric lamp. D. K. Wright. 2,324,972; July 20.
- Electric lamp and manufacture. C. A. Cotman and D. K. Wright. 2,317,031; Apr. 20.
- Electric lamp support. H. S. Wolfeld and D. L. Sterling. 2,331,877; Oct. 19.
- Electric lantern, Switchless multiple bulb. W. M. Moxley. 2,308,821; Jan. 19.
- Electric light control apparatus for vehicles, Automatic. S. W. Dusdiker. 2,319,494; May 18.
- Electric light fixture. J. W. Brooks. 2,322,112; June 15.
- Electric lighting apparatus. E. B. Moss. 2,310,743; Feb. 9.
- Electric lighting fixture. D. J. Biller. 2,309,038; Jan. 19.
- Electric lighting fixture. P. D. Phillips. 2,330,738; Sept. 28.
- Electric lighting fixture. W. Wilson. 2,334,139; Nov. 9.
- Electric lighting fixture and the like. J. Terr. 2,326,898; Aug. 17.
- Electric lighting system. E. E. Lotto. 2,308,987; Jan. 19.
- Electric measuring apparatus. H. P. Kuehni. 2,329,541; Sept. 14.
- Electric measuring apparatus. C. H. Young. 2,309,490; Jan. 26.
- Electric measuring machine. C. H. Young. 2,326,274; Aug. 10.
- Electric metallic arc welding. W. E. Smith. 2,315,358; Mar. 30.
- Electric meter. N. W. Matthews. 2,313,758; Mar. 16.
- Electric motor. W. P. Hunsdorf. 2,309,904; Feb. 2.
- Electric motor. E. L. Schellens. 2,334,040; Nov. 9.
- Electric motor. J. V. Wilson. 2,334,153; Nov. 9.
- Electric motor. J. Youhouse. 2,319,194; May 11.
- Electric motor control. E. Andrews. 2,325,092; July 27.
- Electric motor control system. D. E. Bonner. 2,334,988; Nov. 23.
- Electric motor control system. H. H. Leigh. 2,331,123; Oct. 5.
- Electric motor cooling. P. T. Hahn. 2,322,932; June 19.
- Electric motor for deep well pumps, Submergible. A. Arundt. 2,315,917; Apr. 6.
- Electric motor gearing. R. A. Niekamp. 2,320,379; June 1.

- Electric motor system. W. C. Spear and H. Welch. 2,313,975; Mar. 16.
- Electric organ system. A. R. Rienstra. 2,323,242; June 29.
- Electric oven for high temperatures working under vacuum or under neutral gas. F. Mathieu. 2,328,479; Aug. 31.
- Electric piano. W. B. Le Chicotte, Jr. 2,311,399; Feb. 16.
- Electric plug. H. B. Jones. 2,318,230; May 4.
- Electric plug connector. J. B. Miller. 2,337,618; Dec. 26.
- Electric plug means. S. Savage. 2,307,423; Jan. 5.
- Electric pocket lamp. S. D. Sullam. 2,315,025; Mar. 30.
- Electric power cable. T. R. Scott. 2,316,293; Apr. 13.
- Electric power cable. T. R. Scott. 2,317,488; Apr. 27.
- Electric power cable. T. R. Scott and J. K. Webb. 2,309,992; Feb. 2.
- Electric power distribution. System of. G. L. Claybourn. 2,325,003; Aug. 3.
- Electric power lift. O. H. Shenstone. 2,320,953; June 1.
- Electric power megaphone system. R. Silverman. 2,314,108; Mar. 16.
- Electric power system. C. A. Woodrow. 2,321,444; June 8.
- Electric pressing iron. S. Wallace. 2,316,907; Apr. 20.
- Electric printing machine. Noiseless. T. H. Talley. 2,308,461; Jan. 12.
- Electric range circuit. R. T. Frazier. 2,327,632; Aug. 24.
- Electric razor. L. F. Clemenson. 2,332,130; Oct. 19.
- Electric razor. J. H. Rand, Jr. 2,307,469; Jan. 5.
- Electric razors and the like. Method of and apparatus. See sharpener. Aug. A. J. Roderick. 2,313,970; Mar. 16.
- Electric regulating circuit. E. E. Moyer. 2,331,131; Oct. 5.
- Electric regulating system. F. Holters and O. Renner. 2,335,675; Nov. 30.
- Electric regulating system. F. Menzel. 2,310,857; Feb. 9.
- Electric regulation. J. L. Creveling. 2,307,025; Jan. 5.
- Electric regulator. H. F. Mayer and A. M. Gurevitch. 2,327,911; Jan. 28.
- Electric regulator. L. R. Nixon. 2,333,269; Nov. 2.
- Electric relay of the sequence type. J. L. Finch. 2,331,114; Oct. 5.
- Electric rifle range. M. W. Kenney and H. G. Jensen. 2,308,814; Jan. 19.
- Electric ring for rotary knitting machines. M. Wachsmann. 2,309,367; Jan. 26.
- Electric ring for rotary knitting machines. M. Wachsmann. 2,324,442; July 13.
- Electric sashion. B. G. Olving. 2,321,509; June 8.
- Electric safety razor. A. F. Wintercorn. 2,330,853; Oct. 5.
- Electric salt bath furnace. W. Messinger. 2,336,412; Dec. 7.
- Electric seam welding machine. G. F. Strong. 2,310,557; Feb. 9.
- Electric service installation. H. P. Sparkes. 2,323,252; June 29.
- Electric ship propulsion. M. Liwischitz. 2,321,302; June 8.
- Electric sign. F. G. Davenport. 2,318,596; May 11.
- Electric signaling. M. E. Mohr. 2,309,525; Jan. 26.
- Electric snap switch. C. P. Clare. 2,326,760; Aug. 17.
- Electric snap switch. G. J. Meuer. 2,326,574; Aug. 17.
- Electric soldering iron. J. E. Smith. 2,333,207; Nov. 2.
- Electric steam iron. E. F. Schoell. 2,334,222; Nov. 16.
- Electric steaming iron. H. V. Ekstedt. 2,311,164; Feb. 16.
- Electric stop motion controller for knitting machines. E. Vossen. 2,312,276; Feb. 23.
- Electric switch. M. Andis. 2,315,035; Mar. 30.
- Electric switch. W. A. Atwood. 2,328,942; Sept. 7.
- Electric switch. J. Bierenfeld. 2,328,945; Sept. 7.
- Electric switch. A. A. Blumle. 2,314,684; Mar. 23.
- Electric switch. H. C. Bolley. 2,332,554; Oct. 26.
- Electric switch. E. M. Claytor. 2,318,671; May 11.
- Electric switch. L. C. Demond and H. A. Thornburg. 2,336,721; Dec. 14.
- Electric switch. P. M. Engel. 2,321,374; June 8.
- Electric switch. W. M. Foster and T. W. Drury. 2,318,768; May 11.
- Electric switch. S. S. Grady. 2,324,621; July 20.
- Electric switch. H. C. Harrison. 2,309,953; Feb. 2.
- Electric switch. M. C. Harold. 2,311,048; Feb. 16.
- Electric switch. P. Hutt. 2,334,007; Nov. 9.
- Electric switch. E. E. Johnson. 2,323,050; June 29.
- Electric switch. B. W. Jones. 2,319,000; May 11.
- Electric switch. R. H. Kingdon. 2,326,299; Aug. 10.
- Electric switch. K. F. J. Kirsten. 2,314,407; Mar. 23.
- Electric switch. H. K. Kouyoumjian. 2,314,714; Mar. 23.
- Electric switch. A. W. Krieger. 2,326,232; Aug. 10.
- Electric switch. J. E. Lake. 2,336,871; Dec. 14.
- Electric switch. E. A. Lefebvre. 2,315,262; Mar. 30.
- Electric switch. G. A. Lennholm. 2,314,995; Mar. 30.
- Electric switch. G. A. Lennholm. 2,328,154; Aug. 31.
- Electric switch. H. F. McLoughlin and W. E. Hill. 2,308,433; Jan. 12.
- Electric switch. R. A. Millermaster and A. A. Writzmman. 2,325,697; Aug. 3.
- Electric switch. A. B. Newton. 2,309,207; Jan. 26.
- Electric switch. L. Pierce and J. W. Samzellus. 2,313,964; Mar. 16.
- Electric switch. C. E. Pollard. 2,317,695; Apr. 27.
- Electric switch. R. Popp and M. C. Carlson. 2,324,459; July 13.
- Electric switch. O. Richardson, J. R. Caldwell and W. A. Gussow. 2,323,241; June 29.
- Electric switch. F. H. Roby. 2,322,663; June 22.
- Electric switch. A. M. Rossman. 2,313,771; Mar. 16.
- Electric switch. M. N. Russell and S. Keillen. 2,318,015; May 4.
- Electric switch. J. W. Seaman. 2,329,003; Sept. 7.
- Electric switch. J. C. Stearns. 2,335,811; Nov. 30.
- Electric switch. R. W. Strobel. 2,324,888; July 20.
- Electric switch. H. L. Van Valkenburg. 2,308,406; Electric switch and control therefor. V. S. Roach and R. A. Gray. 2,322,732; June 22.
- Electric switch and terminal connector. S. S. Guelson. 2,318,775; May 11.
- Electric switch construction. C. R. Mensenkamp. 2,331,997; Oct. 19.
- Electric switchgear. E. A. Linton. 2,308,290; Jan. 12.
- Electric switch housing. R. Popp. 2,329,442; Sept. 14.
- Electric switch means. E. E. Johnson. 2,321,212; June 2.
- Electric switch mechanism. I. E. McCabe. 2,318,698; May 11.
- Electric switch system. G. N. Lemmon. 2,334,339; Nov. 16.
- Electric switches. Antipump control of. J. P. Fraps. 2,335,660; Nov. 30.
- Electric switching arrangement. H. Thommen and A. Halm. 2,331,441; Oct. 12.
- Electric swivel. E. J. Heiner. 2,328,212; Aug. 31.
- Electric system for prime movers. Auxiliary wind. J. R. Albers. 2,329,675; Sept. 14.
- Electric systems. Protection of alternating current. S. B. Farnham. 2,320,123; May 25.
- Electric systems. Supervision of. S. B. Cray. 2,310,065; Feb. 2.
- Electric target device. H. G. Jensen. 2,309,614; Jan. 26.
- Electric terminal lug. J. J. Dante. 2,324,829; July 20.
- Electric tester, lamp and smoker outfit. Combination. R. Zunzun. 2,316,382; Apr. 13.
- Electric thermal switch. W. H. Bulpitt. 2,311,206; Feb. 16.
- Electric throttle control system. H. O. Putt. 2,315,273; Mar. 30.
- Electric throttle engine. C. J. Crane, G. V. Holloman, and R. K. Stout. 2,311,042; Feb. 23.
- Electric timeswitch. N. Munthesen. 2,313,569; Mar. 9.
- Electric timing device. W. R. Young, Jr. 2,329,504; Sept. 14.
- Electric timing switch. V. E. Tanburr and L. L. Neldenberg. 2,317,120; Apr. 20.
- Electric toaster. J. J. Gough. 2,309,640; Feb. 2.
- Electric torch. W. C. Crimmins. 2,323,312; July 6.
- Electric torch or flashlight. E. A. Olds. 2,312,670; Mar. 2.
- Electric traffic signal. J. M. Nelson. 2,324,419; July 13.
- Electric translating apparatus. H. W. Lord. 2,310,741; Feb. 9.
- Electric translating apparatus. T. T. Short. 2,329,224; Sept. 14.
- Electric translating apparatus. E. J. Temple and Z. O. St. Pulley. 2,334,045; Nov. 9.
- Electric translating circuit. S. Becker. 2,324,275; July 13.
- Electric tubes. Manufacture of. H. D. Madden and J. W. Greenbowe. 2,321,224; June 8.
- Electric vacuum cleaner. B. J. Tamarin. 2,314,177; Mar. 16.
- Electric valve circuit. M. E. Bivens. 2,315,926; Apr. 6.
- Electric valve circuit. A. R. Ryan. 2,331,731; Oct. 12.
- Electric valve circuit. C. E. Smith. 2,331,242; Oct. 5.
- Electric valve circuits. E. E. Moyer. 2,337,918; Dec. 28.
- Electric valve circuits. E. E. Moyer and A. Schmidt, Jr. 2,320,790; June 1.
- Electric valve control circuits. F. L. Kaestle. 2,318,594; Apr. 13.
- Electric valve frequency changer. E. D. McArthur. 2,325,965; Aug. 3.
- Electric valve protective system. H. Winograd. 2,329,735; Sept. 21.
- Electric valve protective system. H. Winograd. 2,331,643; Oct. 12.
- Electric valve translating apparatus. C. C. Herskind. 2,335,673; Nov. 30.
- Electric valve translating circuit. L. F. Littwin. 2,336,268; Dec. 7.
- Electric valve translating circuits. A. H. Mittag. 2,326,559; Aug. 10.
- Electric valve translating system. G. W. Garman. 2,325,390; July 27.
- Electric valve translating system. O. W. Livingston. 2,331,124; Oct. 5.
- Electric vaporizer. Automatic. I. Pargman and J. Speelman. 2,331,928; Oct. 19.
- Electric wall fitting. D. and D. Thomson, Jr. 2,337,212; Dec. 21.

- Electric warp stop contact means. O. V. Payne. 2,322,386; June 22.
- Electric washing machine. B. A. Benson. 2,315,684; Apr. 6.
- Electric water heater. C. H. Morrow. 2,307,061; Jan. 5.
- Electric water heater. H. A. Rush. 2,319,266; May 18.
- Electric water heater. H. A. Rush. 2,319,477; May 18.
- Electric water heater. L. E. Walther. 2,325,722; Aug. 3.
- Electric wave amplification. H. W. Bode. 2,315,040; Mar. 30.
- Electric wave amplifier. H. Berger and F. Herriger. 2,313,008; Mar. 2.
- Electric wave circuit. M. K. Zinn. 2,331,530; Oct. 12.
- Electric wave system. L. G. Abraham, P. G. Edwards, and R. D. Fracassi. 2,326,742; Aug. 17.
- Electric wave translation. S. E. Miller. 2,308,997; Jan. 19.
- Electric welding. H. E. Kennedy. 2,326,865; Aug. 17.
- Electric welding. G. G. Landis and L. K. Stringham. 2,320,824; June 1.
- Electric welding. W. B. Miller. 2,308,194; Jan. 12.
- Electric welding. W. Noble. 2,309,208; Jan. 26.
- Electric welding. E. Schenk. 2,314,738; Mar. 23.
- Electric welding apparatus. A. W. Baird. 2,314,917; Mar. 30.
- Electric welding apparatus. A. B. Sonneborn. 2,307,968; Jan. 12.
- Electric welding can body. W. P. Winters. 2,307,089; Jan. 5.
- Electric welding machine. T. B. Kohler. 2,332,581; Oct. 26.
- Electric welding machine. G. F. Strong. 2,310,556; Feb. 9.
- Electric welding machine. Resistance. J. E. J. Languepin. 2,315,093; Mar. 30.
- Electric welding. Method and system. F. H. Roby. 2,335,099; Nov. 30.
- Electric welding system. A. L. Whiteley and B. G. Higgins. 2,315,916; Apr. 6.
- Electric windshield wiper. L. B. Ehrlich. 2,307,204; Jan. 5.
- Electric wiring unit. Multiple conductor. J. F. O'Brien. 2,313,452; Mar. 9.
- Electrical and mechanical power structure. Combined. K. W. Couser. 2,333,469; Nov. 2.
- Electrical apparatus. J. W. Allen. 2,332,126; Oct. 19.
- Electrical apparatus. J. H. Bedford, L. Jofeh and W. H. Stevens. 2,336,887; Dec. 11.
- Electrical apparatus. D. A. Bell. 2,321,353; June 8.
- Electrical apparatus. D. A. Bell and O. H. Davie. 2,321,354; June 8.
- Electrical apparatus. C. W. Brown. 2,330,109; Sept. 21.
- Electrical apparatus. A. E. Dodd. 2,321,662; June 15.
- Electrical apparatus. R. P. Lansing. 2,311,764; Feb. 23.
- Electrical apparatus. C. E. Mosley. 2,329,642; Sept. 14.
- Electrical apparatus. W. J. Poch. 2,315,377; Mar. 30.
- Electrical apparatus. W. A. Tolson. 2,321,335; June 8.
- Electrical apparatus. J. A. Victoreen. 2,314,060; Mar. 16.
- Electrical apparatus. C. M. Williams. 2,320,902; June 1.
- Electrical apparatus. H. M. Wolfson. 2,310,335; Feb. 9.
- Electrical apparatus and its operation. O. Minton. 2,327,364; Aug. 24.
- Electrical apparatus. High frequency. R. H. Varian and W. W. Hansen. 2,307,086; Jan. 5.
- Electrical appliance. K. L. Woodman. 2,310,142; Feb. 2.
- Electrical appliance plug. L. Vecchio. 2,314,671; Mar. 23.
- Electrical assembly. R. F. Sickles. 2,321,161; June 8.
- Electrical bus system. H. H. Rudd. 2,335,543; Nov. 30.
- Electrical busway. R. W. E. Moore. 2,320,093; May 26.
- Electrical cable connector. H. A. Jackson. 2,308,811; Jan. 19.
- Electrical calculating machine. C. L. Blackburn. 2,310,106; May 11.
- Electrical capacitor. P. Robinson. 2,317,642; Apr. 27.
- Electrical characteristics of geological formations traversed by drill holes. Method and apparatus for determining the. J. J. Jakosky. 2,334,491; Nov. 16.
- Electrical circuit. J. R. De Baun. 2,329,339; Sept. 14.
- Electrical circuit. J. A. Robinson. 2,321,103; June 8.
- Electrical circuit breaker system for ignition systems and the like. A. G. H. Vanderpoel. 2,311,270; Feb. 16.
- Electrical circuit control device. K. H. F. Schlegel. 2,332,536; Oct. 26.
- Electrical circuits. Automatic hydraulically operated control for. A. J. Lyons, Jr. 2,334,827; Nov. 23.
- Electrical collector. E. E. Hollander. 2,309,316; Jan. 27.
- Electrical compensation for tone distortion in electro-mechanical engraving. A. S. Gano. 2,331,770; Oct. 12.
- Electrical compression system. B. F. Miller. 2,312,260; Feb. 23.
- Electrical condenser. W. C. Edmundson. 2,323,124; June 29.
- Electrical condenser. J. A. Flanzer and P. Bein. 2,318,070; May 4.
- Electrical condenser. D. E. Gray. 2,336,091; Dec. 7.
- Electrical condenser manufacture. K. P. Nowell and A. F. Rus. 2,337,678; Dec. 28.
- Electrical conductive coating. P. Davie and A. L. Halvorsen. 2,321,587; June 15.
- Electrical conductor. J. N. Aken. 2,335,097; Nov. 23.
- Electrical conductor. C. W. Dodds. 2,314,694; Mar. 23.
- Electrical conductor. M. F. Peters. 2,322,773; June 29.
- Electrical conductor. J. A. Seilard. 2,320,201; May 25.
- Electrical conductor. Composite. D. P. Dyer, Jr. 2,321,021; June 8.
- Electrical conductor. Insulated. E. H. Jackson and R. W. Hall. 2,307,588; Jan. 5.
- Electrical conductors consisting of chromium oxide and titanium oxide. Making. E. Wainer and N. R. Thielke. 2,311,917; Feb. 23.
- Electrical conductors consisting of vanadium oxide and titanium oxide. Making. E. Wainer and N. R. Thielke. 2,311,918; Feb. 23.
- Electrical condenser. R. C. Sprague and F. W. Godsey, Jr. 2,324,178; July 13.
- Electrical conductors. Insulating and covering. E. D. Youmans and W. F. Lamela. 2,312,058; Feb. 23.
- Electrical connecting and conditioning apparatus. J. H. Sulzer. 2,328,107; Aug. 31.
- Electrical connecting device. R. F. Mallina and H. O. Siegmund. 2,315,720; Apr. 6.
- Electrical connection. A. E. Papp. 2,320,155; May 25.
- Electrical connection. C. A. Woodward. 2,314,761; Mar. 23.
- Electrical connection box. B. E. Stewart. 2,315,746; Apr. 6.
- Electrical connection means. T. W. Drury. 2,308,596; Jan. 19.
- Electrical connection means. R. A. Funk. 2,319,122; May 11.
- Electrical connection means. C. S. Penfold. 2,318,649-51; May 11.
- Electrical connector. S. N. Buchanan. 2,310,212; Feb. 9.
- Electrical connector. E. Dehmel. 2,322,686; June 22.
- Electrical connector. H. R. Doty. 2,332,483; Oct. 19.
- Electrical connector. C. B. Gaty. 2,325,313; July 27.
- Electrical connector. K. M. McLaughlin. 2,324,166; July 13.
- Electrical connector. P. Neill. 2,329,479; Sept. 14.
- Electrical connector. A. J. Schmitt. 2,312,002; Feb. 23.
- Electrical connector. N. R. Smith. 2,329,793; Sept. 21.
- Electrical connector. K. G. Strunk. 2,307,972; Jan. 12.
- Electrical connector. C. E. Wade. 2,307,812; Jan. 12.
- Electrical connector. C. E. Wade. 2,336,517; Dec. 14.
- Electrical connector. M. B. Wood. 2,308,436; Jan. 12.
- Electrical connector and manufacturing the same. G. B. Benander. 2,308,324; Jan. 12.
- Electrical contact. I. W. Cox. 2,307,668; Jan. 5.
- Electrical contact assembly for use in electron discharge devices. K. M. McLaughlin. 2,323,148; June 29.
- Electrical contact clip. T. Birkenmaier. 2,328,415; Aug. 31.
- Electrical contact member. W. J. Knochel and S. J. Cherry. 2,332,090; Oct. 19.
- Electrical contact plug. W. H. Churchill. 2,329,880; Sept. 21.
- Electrical contact resistance heating and soldering device. A. Schoenwald. 2,331,141; Oct. 5.
- Electrical contacting device. A. J. Kercher. 2,314,989; Mar. 30.
- Electrical contacting device. F. C. Spahn, Jr. 2,319,754; May 18.
- Electrical contactor. O. W. Nelson. 2,311,855; Feb. 23.
- Electrical contactor device. R. F. Brown. 2,333,982; Nov. 9.
- Electrical contacts. C. B. Gwyn, Jr. 2,311,436; Feb. 16.
- Electrical control apparatus. A. E. Dodd. 2,324,200; July 13.
- Electrical control apparatus. H. F. Elliott. 2,315,191; Mar. 30.
- Electrical control apparatus. H. F. Elliott. 2,316,776; Apr. 20.
- Electrical control apparatus. E. N. Lightfoot. 2,319,415; May 18.
- Electrical control circuit. B. Cooper. 2,337,871; Dec. 28.
- Electrical control circuit. C. Levison, C. L. Johnson, and E. J. Bennett. 2,312,178; Feb. 23.
- Electrical control devices. Enclosing casing for. H. J. Krah and A. A. Kraus. 2,334,012; Nov. 9.
- Electrical control system. R. D. Amsden. 2,334,528; Nov. 16.
- Electrical control system. C. W. Baird. 2,323,440; July 6.
- Electrical control system. H. L. Heart and L. I. Davis. 2,330,489; Sept. 28.
- Electrical control system. H. S. Jones. 2,335,943; Dec. 7.
- Electrical control system. J. C. Peters. 2,337,410; Dec. 21.
- Electrical control system. M. C. Spencer. 2,332,611; Oct. 26.
- Electrical control system. H. O. Wilson. 2,323,266; June 29.
- Electrical control system for valves. W. A. Ray. 2,318,801; May 11.
- Electrical control system for warping or beaming plants. F. Lambach. 2,324,611; July 20.
- Electrical cooker. E. F. Whitchurch. 2,310,723; Feb. 9.

- Electrical cord connector. M. M. Kistner. 2,308,515; Jan. 19.
- Electrical coupling. A. L. Williams. 2,322,491; June 22.
- Electrical delay circuit. K. R. Wendt. 2,313,906; Mar. 16.
- Electrical device. M. H. English and R. R. Nydegger. 2,329,343; Sept. 14.
- Electrical device, Rotatable. J. H. Staak. 2,316,635; Apr. 13.
- Electrical devices. Enclosure for. J. G. Jackson. 2,330,975; Oct. 5.
- Electrical devices, Terminal construction for. W. M. Bailey. 2,307,561; Jan. 5.
- Electrical discharge device. W. T. Anderson, Jr., and H. Laub. 2,319,912; May 25.
- Electrical discharge device. W. W. Eitel and J. A. McVilhough. 2,334,397; Nov. 16.
- Electrical discharge device. C. G. Smith. 2,332,052; Oct. 26.
- Electrical discharge devices, Gaseous. M. A. Claesson. 2,324,557; July 29.
- Electrical distribution system. W. H. Frank and A. S. Bassette. 2,308,362; Jan. 12.
- Electrical distribution system. W. H. Frank and A. S. Bassette. 2,319,024; Feb. 2.
- Electrical distribution system. J. E. Huguleit. 2,318,860; May 11.
- Electrical distribution system. L. R. Ludwig and J. W. May. 2,331,209; Oct. 5.
- Electrical distribution system. J. S. Parsons. 2,317,552; Apr. 27.
- Electrical distribution system. J. S. Parsons. 2,329,132; Sept. 7.
- Electrical distribution system. J. S. Parsons. 2,331,223; Oct. 5.
- Electrical distribution. System of. A. E. Anderson. 2,322,557; June 22.
- Electrical dust-precipitator indicating system. R. L. Hildebrand. 2,310,781; Feb. 9.
- Electrical exploration of geological strata. E. E. Blon-deau. 2,310,611; Feb. 9.
- Electrical fence charging apparatus. N. F. Agnew. 2,333,224; Nov. 2.
- Electrical fence charging apparatus. N. F. Agnew and W. P. Place. 2,316,211; Apr. 15.
- Electrical fence charging apparatus. F. E. Wenger. 2,315,757; Apr. 6.
- Electrical filter network. H. M. Lewis. 2,309,852; Feb. 2.
- Electrical fitting. E. G. Johansson. 2,311,758; Feb. 23.
- Electrical fixture. E. G. K. Anderson. 2,330,942; Oct. 5.
- Electrical fixture. H. Hubbell. 2,317,382; Apr. 27.
- Electrical follow-up movement. E. Zacharia. 2,315,176; Mar. 30.
- Electrical fuse. H. A. Triplett. 2,309,552; Jan. 26.
- Electrical gas cleaning means. E. H. R. Pegg. 2,332,551; Nov. 2.
- Electrical gaseous discharge lamp. C. G. Smith. 2,330,850; Oct. 5.
- Electrical gauge. G. O. Bickel. 2,326,427; Aug. 10.
- Electrical heater. C. I. Hall. 2,324,837; July 20.
- Electrical heating. P. D. Zottu. 2,307,344; Jan. 5.
- Electrical heating conductor and producing same. P. Ziegs. 2,319,364; May 18.
- Electrical heating device. L. F. Black and C. H. Mellor. 2,325,585; Aug. 3.
- Electrical heating element. B. Horsfield. 2,323,089; June 29.
- Electrical heating element. H. H. Schwarzkopf. 2,308,459; Jan. 12.
- Electrical heating element. E. L. Wiegand. 2,330,652; Sept. 28.
- Electrical heating unit. J. E. Smith. 2,310,325; Feb. 9.
- Electrical ignition system for gaseous fuel burners. S. G. Eskin and C. K. Strobel. 2,329,858; Sept. 21.
- Electrical ignition system for gaseous fuel burners. V. Weber. 2,316,910; Apr. 20.
- Electrical incense burner. J. T. Williams. 2,308,138; Jan. 12.
- Electrical induction apparatus. A. J. Maslin and G. F. Jones. 2,307,527; Jan. 5.
- Electrical induction apparatus. G. R. Monroe. 2,307,599; Jan. 5.
- Electrical instrument. W. M. Bradshaw. 2,315,587; Apr. 6.
- Electrical locking connector. A. L. Kuhlman. 2,307,592; Jan. 5.
- Electrical means for indicating temperature conditions. A. C. Doble. 2,318,601; May 11.
- Electrical measuring apparatus. B. Lansdale. 2,312,840; Mar. 2.
- Electrical measuring circuit. J. L. Hathaway. 2,337,328; Dec. 21.
- Electrical measuring device. T. D. Barnes. 2,315,579; Apr. 6.
- Electrical measuring device. R. J. Clay. 2,309,934; Feb. 2.
- Electrical measuring device. R. M. Leippe. 2,328,728; Sept. 7.
- Electrical measuring device. B. H. Smith. 2,323,733; July 6.
- Electrical measuring instrument. F. J. Lingel. 2,327,114; Aug. 17.
- Electrical measuring instrument. C. Midworth. 2,313,352; Mar. 9.
- Electrical measuring instrument. J. H. Miller. 2,312,990; Mar. 2.
- Electrical measuring instrument, High voltage. D. C. Hubbard. 2,323,996; July 13.
- Electrical mechanism for remote indication of movement. W. B. Connolly. 2,334,543; Nov. 16.
- Electrical musical instrument. R. C. Fisher. Re. 2,332,1; May 25.
- Electrical musical instrument. L. Hammond. 2,314,496; Mar. 25.
- Electrical musical instrument. L. Hammond and T. J. George. 2,323,392; July 6.
- Electrical musical instrument. J. M. Hanert. 2,310,429; Feb. 9.
- Electrical musical instrument. W. E. Koek. 2,328,282; Aug. 31.
- Electrical network apparatus. P. N. Bossart. 2,324,059; July 13.
- Electrical outlet. J. E. Bather. 2,331,654; Oct. 12.
- Electrical outlet. W. Huppert. 2,316,167; Apr. 13.
- Electrical outlet. G. H. Von Gehr. 2,319,375; May 18.
- Electrical outlet plug. E. G. Schneider. 2,312,496; Mar. 2.
- Electrical plug. E. P. Brus. 2,337,735; Dec. 28.
- Electrical precipitator. A. F. Weston. 2,313,389; Mar. 9.
- Electrical precipitator with automatic dust removal. G. W. Penney. 2,307,603; Jan. 5.
- Electrical protective device. K. H. Benton. 2,325,935; Aug. 3.
- Electrical protective device. K. R. Brown, M. C. Colley, and H. H. Wefeler. 2,327,865; Aug. 24.
- Electrical protective distribution system. R. C. Bergvall. 2,313,118; Mar. 9.
- Electrical protective relay system. H. J. Carlin and L. N. Crichton. 2,333,520; Nov. 2.
- Electrical protective system. F. D. Johnson. 2,323,776; July 6.
- Electrical pulse controlling means. H. H. Beizer and L. H. Davis. 2,320,401; June 1.
- Electrical receptacle. H. Hubbell. 2,315,523; Apr. 6.
- Electrical rectifier. J. D. McCher. 2,315,867; Apr. 6.
- Electrical rectifiers, Manufacture of. P. H. Dowling. 2,328,626; Sept. 7.
- Electrical regulating apparatus. P. M. Currier. 2,310,066; Feb. 2.
- Electrical regulating apparatus. L. K. Hedding. 2,322,130; June 15.
- Electrical regulating system. H. J. Brown. 2,338,080; Dec. 28.
- Electrical regulating system. R. A. Gelselman. 2,313,931; Mar. 16.
- Electrical regulator. F. J. Champlin. 2,324,822; July 20.
- Electrical regulator system. T. C. Lennox. 2,330,063; Sept. 21.
- Electrical relay. H. G. Blosser. 2,323,113; June 29.
- Electrical relay. R. M. Gilson. 2,311,035; Feb. 16.
- Electrical relay. B. Mishelovich. 2,337,205; Dec. 21.
- Electrical relay. J. N. Reynolds. 2,330,920; Oct. 5.
- Electrical relay. C. S. Snavely. 2,334,514; Nov. 16.
- Electrical relay. A. J. Sorenson. 2,313,973; Mar. 16.
- Electrical relay. H. G. Witmer. 2,336,827; Dec. 14.
- Electrical resistance element. W. Kroll. 2,310,094; Feb. 2.
- Electrical resistance paper and making same. Low. F. E. Lequeurt, D. C. Knowlton, and R. W. McCormick. 2,328,195; Apr. 31.
- Electrical resistor. H. M. Huckle. 2,327,793; Aug. 24.
- Electrical resistor. L. Podolsky. 2,332,255; Oct. 19.
- Electrical resistor of thermostatic laminated metal. C. F. Alban and S. R. Hood. 2,317,018; Apr. 20.
- Electrical resistors, Making. G. E. Megow. 2,307,288; Jan. 5.
- Electrical safety device. R. F. Hays, Jr. 2,332,077; Oct. 19.
- Electrical scoreboard. J. C. Vian. 2,307,173; Jan. 5.
- Electrical selector for coin chutes. B. A. Andalikiewicz and D. T. Carlson. 2,317,351; Apr. 27.
- Electrical shaving device. E. G. Berg. 2,323,084; June 29.
- Electrical shielding and locking means for thermionic tubes. K. L. Henderson. 2,325,770; Aug. 3.
- Electrical shunt. R. M. Gilson and R. Overholt, Jr. 2,309,183; Jan. 26.
- Electrical signaling arrangement. R. Taylor and G. T. Baker. 2,334,591; Nov. 16.
- Electrical signal-translating apparatus. E. C. Guedon. 2,320,427; June 1.
- Electrical signaling system. P. N. Roseby and J. F. Mackenzie. 2,319,633; May 18.
- Electrical signals having a direct current component, Transmission of. A. D. Blumlein. 2,328,946; Sept. 7.
- Electrical signals having a direct current component, Transmission of. A. D. Blumlein, F. Blythen, and J. Hardwick. 2,307,375; Jan. 5.
- Electrical socket. M. Alden. 2,313,212; Mar. 9.
- Electrical sound reproduction. M. C. Batsel. 2,314,382; Mar. 23.
- Electrical source and circuit. Safety high potential. E. G. Gage. 2,319,594; May 18.
- Electrical starting and generating system. M. H. Elkin. 2,319,364; Jan. 5.
- Electrical switch. M. C. Becker and L. N. Crichton. 2,331,162; Oct. 5.

- Electrical switch. J. R. Caldwell and W. A. Gussow. 2,334,313; Nov. 16.
- Electrical switch. J. D. Crecca. 2,321,012; June 8.
- Electrical switch. C. W. Dann. 2,335,110; Nov. 23.
- Electrical switch. C. G. Koppitz and S. H. Kast. 2,309,909; Feb. 2.
- Electrical switch. W. Wurdack, Jr. 2,337,791; Dec. 28.
- Electrical switching apparatus. A. R. Blandford. 2,310,905; Aug. 9.
- Electrical switching apparatus. K. A. Oplinger. 2,326,060; Aug. 3.
- Electrical switching apparatus. C. C. Whittaker. 2,310,138; Feb. 2.
- Electrical system. C. W. Baird. 2,323,441; July 6.
- Electrical system. E. T. Davis. 2,325,308; July 27.
- Electrical system. R. D. Evans and A. C. Monteith. 2,315,606; Apr. 6.
- Electrical system. J. J. Kennedy. 2,311,340; Feb. 16.
- Electrical system. V. W. Leonard. 2,328,473; Aug. 31.
- Electrical system. J. W. Myers. 2,327,925; Aug. 24.
- Electrical system. L. H. Von Ohlsen and J. J. Kennedy. 2,312,275; Feb. 23.
- Electrical system. L. H. Von Ohlsen and J. J. Kennedy. 2,325,815; Aug. 3.
- Electrical system for internal combustion engines. H. B. Holthouse, Jr. 2,331,912; Oct. 19.
- Electrical system for motor vehicles. H. F. Mitchell. 2,335,526; Nov. 30.
- Electrical take-off device for meters. W. Leathers. 2,307,520; Jan. 5.
- Electrical terminal. D. H. King. 2,329,471; Sept. 14.
- Electrical terminal and terminal installation. S. M. Del Camp. 2,314,855; Mar. 23.
- Electrical testing appliance. P. de F. C. Pycroft, Ruislip, England. 2,335,392; Nov. 30.
- Electrical time delay means. G. S. P. Freeman. 2,312,033; Feb. 23.
- Electrical transcribing machine. W. U. Watson. 2,334,365; Nov. 16.
- Electrical treater method. H. C. Eddy. 2,315,051; Mar. 30.
- Electrical treatment of plants. F. W. Opp. 2,332,164; Oct. 19.
- Electrical tuning device. A. P. Bock. 2,324,189; July 13.
- Electrical vibrator device. A. D. Burt. 2,313,919; Mar. 16.
- Electrical winding. R. Elsner and J. Rebhan. 2,318,068; May 4.
- Electrical winding and method and apparatus for making same. Multilayer. L. W. Foster. 2,328,443; Aug. 31.
- Electrical windings, Testing of. N. Rohats. 2,321,424; June 8.
- Electrical wiring system. H. F. McLoughlin, W. E. Hill, R. W. Morgan and T. D. G. Wintle. 2,324,791; July 20.
- Electrical wiring system. J. F. O'Brien. 2,312,580; Mar. 2.
- Electrical wiring system. J. F. O'Brien. 2,313,960; Mar. 16.
- Electrical wiring system. J. F. O'Brien. 2,317,964; Apr. 27.
- Electrically conductive device. N. Y. Priessman and J. Whytock. 2,309,081; Jan. 26.
- Electrically heated soldering apparatus. G. L. Ward. 2,336,901; Dec. 14.
- Electrically heating metallic strip. F. Miess. 2,308,995; Jan. 19.
- Electrically insulating bodies. I. W. A. Kirkwood and P. D. Ritchie. 2,322,214; June 22.
- Electrically operated garage door. R. M. Wilder. 2,315,571; Apr. 6.
- Electrically operated smoke producer. E. A. Callan. 2,324,369; July 13.
- Electrically operated toothbrush. F. Buck. 2,319,205; May 18.
- Electrically operated vibratory conveyer. C. S. Weyandt. 2,331,820; Oct. 12.
- Electricity conductor unit. L. G. Morten. 2,320,332; May 25.
- Electricity conductor unit. L. G. Morten and J. F. O'Brien. 2,307,230; Jan. 5.
- Electricity conductor unit with fixed socket-end conductors. L. G. Morten. 2,314,727; Mar. 23.
- Electricity meter. R. Pudelsko. 2,321,419; June 8.
- Electricity meter. E. Weber. 2,316,920; Apr. 20.
- Electroacoustic transducer. F. R. Farrow, Jr. 2,322,621; June 22.
- Electroacoustic transducer. F. R. Farrow, Jr. 2,330,697; Sept. 28.
- Electro-acoustical apparatus. L. J. Anderson. 2,328,941; Sept. 7.
- Electrochemical halohydration and electrode regeneration. M. Tamele and L. B. Ryland. 2,317,866; Apr. 27.
- Electroconductive wheel. R. W. Lytle. 2,324,589; July 20.
- Electrocrafter. Poultry. A. D. Bland and G. F. Houlder-sheldt. 2,335,993; Dec. 7.
- Electrode. F. C. Ellis. 2,318,207; May 4.
- Electrode. J. Thomay. 2,316,901; Apr. 20.
- Electrode and making. Make-alive. A. H. Toepfer. 2,307,550; Jan. 5.
- Electrode, Arc welding. C. E. Swift. 2,320,676; June 1.
- Electrode assembly. Carbon. L. Goodale. 2,317,143; Apr. 20.
- Electrode condenser. Adjustable slide. A. Horowitz and J. Rinia. 2,315,330; Mar. 30.
- Electrode for discharge devices. J. Flaws Jr. 2,312,245; Feb. 23.
- Electrode for electrical discharge devices. G. E. Inman. 2,329,118; Sept. 7.
- Electrode for electrometallurgical purposes. F. H. Hartzell. 2,331,320; Oct. 12.
- Electrode for gaseous discharge devices. W. V. Smith. 2,330,243; Sept. 28.
- Electrode for luminous tubes and producing the same. S. C. Miller. 2,310,983; Feb. 16.
- Electrode for piezoelectric crystal oscillators. J. Gruetz-macher. 2,323,030; June 29.
- Electrode for storage batteries, Positive. A. H. Snyder. 2,318,509; May 11.
- Electrode holder. P. Bourque. 2,311,022; Feb. 16.
- Electrode holder. P. Bourque. 2,336,712; Dec. 14.
- Electrode holder. W. F. Collins. 2,309,886; Feb. 2.
- Electrode holder. V. Forgett. 2,328,067; Aug. 31.
- Electrode holder. M. Gallo. 2,310,020; Feb. 2.
- Electrode holder. I. Hakki. 2,325,394; July 27.
- Electrode holder. H. H. Hall. 2,324,924; July 20.
- Electrode holder. G. G. Landis. 2,338,010; Dec. 28.
- Electrode holder. R. G. Le Tourneau. 2,337,333; Dec. 21.
- Electrode holder. M. A. Pelton. 2,324,320; July 13.
- Electrode holder. J. J. Prendergast, R. A. Jones, and W. N. Gullett. 2,310,164; Feb. 2.
- Electrode holder. W. Rice. 2,327,290; Aug. 17.
- Electrode holder. R. M. Stafford. 2,330,931; Oct. 5.
- Electrode holder. A. R. Stalkup. 2,335,810; Nov. 30.
- Electrode holder. E. Steadwell. 2,320,481; June 1.
- Electrode holder. W. R. Stewart. 2,332,944; Oct. 26.
- Electrode holder. M. Wells. 2,322,077; June 15.
- Electrode holder and connector. F. W. Howard. 2,336,732; Dec. 14.
- Electrode spacer. C. P. Vogel. 2,310,662; Feb. 9.
- Electrode structure for velocity modulation tubes. C. V. Litton. 2,325,865; Aug. 3.
- Electrode support lead. R. Gray. 2,309,642; Feb. 2.
- Electrode systems, Making blocking layer. W. C. van Geel, H. Emmens, and L. L. Esseling. 2,310,002; Feb. 2.
- Electrode, Welding. J. Fletcher. 2,320,920; June 1.
- Electrode, Welding. R. J. Franklin. 2,323,711; July 6.
- Electrode, Welding. F. R. Hensel and E. I. Larsen. 2,311,750; Feb. 23.
- Electrode, Welding. J. R. McDonald and H. N. Ruel. 2,312,109; Feb. 23.
- Electrode, Welding. J. Winlock and J. J. MacKinney. 2,322,101; June 15.
- Electrodes, Arrangement in self-baking. M. O. Sem and J. Seiersted. 2,337,279; Aug. 3.
- Electrodes, Making. J. B. Brennan. 2,330,202; Sept. 28.
- Electrodes, Producing mosaic. E. Pietschack. 2,337,569; Dec. 28.
- Electrodeposited layers. Separating. A. W. Grant. 2,319,598; May 18.
- Electrodeposited metal surfaces, Protecting. H. C. Macan. 2,324,559; Jan. 20.
- Electrodeposition iron. E. H. Wallace and R. K. Her. 2,316,917; Apr. 20.
- Electrodeposition. M. E. Cupery. 2,318,592; May 11.
- Electrodeposition of cuprous oxides and baths therefor. J. E. Stareck. 2,313,454; Mar. 9.
- Electrodeposition of insulating material. S. Ruben. 2,327,462; Aug. 24.
- Electrodeposition of lead. J. R. Stack. 2,313,372; Mar. 9.
- Electrodeposition of manganese. R. S. Dean. 2,317,153; Apr. 20.
- Electrodeposition of manganese. C. G. Fink and M. Kolodney. 2,320,773; June 1.
- Electrodeposition of manganese and cathode therefor. H. L. Chamberlain. 2,325,660; Aug. 3.
- Electrodeposition of nickel from an acid bath. H. Brown. 2,321,182; June 8.
- Electrodeposition of tin and its alloys. J. R. Stack. 2,313,371; Mar. 9.
- Electroforming method of producing tuyeres. S. A. Harris. 2,335,060; Nov. 23.
- Electrohydraulic operator. E. E. Arnold. 2,313,909; Mar. 16.
- Electrolyte control device. O. O. Rieser. 2,308,829; Jan. 19.
- Electrolyte control device. O. O. Rieser. 2,319,158; May 11.
- Electrolyte for the polishing of metal surfaces and use. C. L. Faust. 2,334,699; Nov. 23.
- Electrolytic paste, Making. R. Müller and H. Lee. 2,310,861; Feb. 9.
- Electrolytes for the deposition of manganese, Treatment of. R. S. Dean. 2,316,937; Apr. 20.
- Electrolytic alkali chlorine cell. S. L. Burns and M. Chesterfield. 2,330,404; Sept. 28.
- Electrolytic beryllium and process. C. B. Sawyer and B. Kjellgren. 2,311,257; Feb. 16.
- Electrolytic cell. T. E. Abeel. 2,309,563; Jan. 26.
- Electrolytic cell. D. J. Kennedy and W. E. Barker. 2,324,002; July 13.
- Electrolytic cell and terminal therefor. U. Pomillo. 2,323,726; Sept. 21.
- Electrolytic cell for fused baths. R. J. McNitt. 2,315,443; Mar. 30.

- Electrolytic cells and anodes. J. L. Young. 2,325,201; July 27.
- Electrolytic chromate production. W. J. Knox, Jr., and R. A. Kelly. 2,333,578; Nov. 2.
- Electrolytic cleaning of metals. U. C. Tainton. 2,311,139; Feb. 16.
- Electrolytic condenser. K. G. Compton. 2,321,997; June 15.
- Electrolytic decomposition of metal compounds. W. Honsberg. 2,323,042; June 29.
- Electrolytic device. J. B. Brennan and L. Marsh. 2,310,932; Feb. 26.
- Electrolytic parting. J. O. Betterton, A. J. Phillips and H. B. Linford. 2,322,786; June 29.
- Electrolytic paste and making the same. R. Muller and H. Lee. 2,330,607; Sept. 28.
- Electrolytic polishing of metal. R. W. Manuel. 2,330,170; Sept. 21.
- Electrolytic process of forming flame or explosion traps. W. Helmore. 2,333,567; Nov. 2.
- Electrolytic process for treatment of whole distillery slop. C. J. Brockman. 2,334,063; Nov. 9.
- Electrolytic production of alkali metals. R. A. Vinzee and C. K. Lawrence. 2,313,408; Mar. 9.
- Electrolytic recording. P. Talmay. 2,319,765; May 18.
- Electrolytic recovery of metals. W. C. Holmes. 2,331,395; Oct. 12.
- Electrolytic water correction device. E. M. Butler. 2,321,797; June 15.
- Electrolytic zinc dust process. W. H. Hannay and B. J. Walsh. 2,313,338; Mar. 9.
- Electromagnet. G. Bellows, Jr. 2,318,359; May 4.
- Electromagnet. L. J. Goldberg. 2,322,574; June 22.
- Electromagnet. M. B. Winkler. 2,321,569; June 15.
- Electromagnet connector. F. B. Doane. 2,312,083; Feb. 28.
- Electromagnet, Solenoid type of. S. S. Cramer. 2,337,375; Dec. 21.
- Electromagnet, Thermocouple operated. T. A. Wetzel. 2,337,140; Dec. 21.
- Electromagnetic apparatus. M. J. Finnegan. 2,332,140-1; Oct. 19.
- Electromagnetic brake. H. E. Hodgson. 2,321,205; June 8.
- Electromagnetic brake. A. E. Lillquist. 2,314,451; Mar. 23.
- Electromagnetic clutch. C. F. Thompson. 2,315,298; Mar. 30.
- Electromagnetic counting device. R. Nordenswan. 2,323,235; June 29.
- Electromagnetic device. H. G. Blosser and R. M. Laurenson. 2,327,395; Aug. 24.
- Electromagnetic device. E. Dickten, Jr. 2,307,922; Jan. 12.
- Electromagnetic device. W. A. Ray. 2,324,109; July 13.
- Electromagnetic gyro-erecting system. H. C. Roters. 2,328,744; Sept. 7.
- Electromagnetic horn. W. L. Barrow. 2,307,011-12; Jan. 5.
- Electromagnetic horn antenna. M. Katzin. 2,301,294; Feb. 9.
- Electromagnetic Inductance apparatus. H. J. McCreary. 2,324,634; July 20.
- Electromagnetic Induction apparatus. G. Camilli. 2,312,073; Feb. 23.
- Electromagnetic Induction apparatus. A. F. Mittermaier. 2,319,775; May 18.
- Electromagnetic Inspection. T. Zuschlag. 2,329,810-11; Sept. 21.
- Electromagnetic inspection with alternating current. T. Zuschlag. 2,329,812; Sept. 21.
- Electromagnetic motor. J. A. and J. B. Traylor. 2,313,401; Mar. 9.
- Electromagnetic system. P. J. Walsh. 2,320,021; Sept. 7.
- Electromagnetic valve operator. C. L. Peterson. 2,324,642; July 20.
- Electromagnetically driven diaphragm pump for liquids. G. Székely. 2,307,246; Jan. 5.
- Electromagnetically operated system. P. Trombetta. 2,311,890; Feb. 23.
- Electromechanical connection. P. H. Craig. 2,327,622; Aug. 24.
- Electromechanical paint remover. C. E. King. 2,315,121; Mar. 30.
- Electromechanical sound recording and reproducing machine. J. H. Rebold. 2,330,919; Oct. 5.
- Electromechanical vibrator. T. A. Read. 2,320,887; June 1.
- Electron beam concentrating system. C. V. Litton. Re. 22,389; Nov. 2.
- Electron camera. H. E. Ives. 2,315,621; Apr. 6.
- Electron control device. P. T. Farnsworth. 2,311,981; Feb. 23.
- Electron discharge apparatus. G. P. Chevigny. 2,310,936; Feb. 16.
- Electron discharge apparatus. J. H. Fremlin. 2,320,860; June 1.
- Electron discharge apparatus. W. T. Gibson. 2,317,140; Apr. 20.
- Electron discharge apparatus. W. T. Gibson. 2,324,772; July 20.
- Electron discharge apparatus. F. Gray. 2,313,819; Mar. 16.
- Electron discharge apparatus. C. A. Hedberg. 2,321,912; June 15.
- Electron discharge apparatus. J. B. Johnson. 2,324,089; July 13.
- Electron discharge apparatus. H. Motz. 2,316,276; Apr. 13.
- Electron discharge apparatus. H. Motz. 2,323,560; July 6.
- Electron discharge apparatus. G. E. Mueller. 2,326,877; Aug. 17.
- Electron discharge device. A. E. Anderson. 2,308,800; Jan. 19.
- Electron discharge device. A. E. Anderson. 2,321,886; June 15.
- Electron discharge device. C. J. Calbick. 2,332,622; Oct. 26.
- Electron discharge device. G. P. Chevigny. 2,324,766; July 20.
- Electron discharge device. H. Cohn. 2,325,664; Aug. 3.
- Electron discharge device. H. J. Dalley. 2,310,147; Feb. 2.
- Electron discharge device. H. J. Dalley. 2,324,367; July 13.
- Electron discharge device. H. J. Dalley. 2,330,032; Sept. 21.
- Electron discharge device. C. Depew, W. Gronros, and V. L. Ronci. 2,320,120; May 25.
- Electron discharge device. F. B. Llewellyn. 2,308,523; Jan. 19.
- Electron discharge device. F. B. Llewellyn. 2,312,723; Mar. 2.
- Electron discharge device. C. F. Miller. 2,309,973; Feb. 2.
- Electron discharge device. L. S. Nergaard. 2,329,777; Sept. 21.
- Electron discharge device. L. S. Nergaard. 2,329,778; Sept. 21.
- Electron discharge device. L. S. Nergaard. 2,329,779; Sept. 21.
- Electron discharge device. J. R. Pierce. 2,318,418; May 4.
- Electron discharge device. V. L. Ronci. 2,317,222; Apr. 22.
- Electron discharge device. A. L. Samuel. 2,318,423; May 4.
- Electron discharge device. A. M. Skellett. 2,309,220; Jan. 26.
- Electron discharge device. W. A. Zalesak. 2,329,780; Sept. 21.
- Electron discharge device and system. H. A. Iams. 2,322,807; June 29.
- Electron discharge device circuit. F. B. Anderson. 2,311,807; Feb. 23.
- Electron discharge device circuit. A. M. Skellett. 2,329,792; Sept. 21.
- Electron discharge device circuits. W. J. Brown. 2,315,312; Mar. 30.
- Electron discharge device circuits. A. M. Skellett. 2,309,019; Jan. 19.
- Electron discharge device, including fluorescent screen. R. H. Colborne. 2,325,110; July 27.
- Electron discharge device, Ultra high frequency. G. P. Chevigny. 2,333,295; Nov. 2.
- Electron discharge oscillation generator. G. W. Fyler. 2,336,855; Dec. 14.
- Electron discharge tube. G. P. Chevigny. 2,317,442; Apr. 27.
- Electron discharge tube. C. F. Miller. 2,320,045; May 25.
- Electron discharge tube with fluorescent screen. J. D. Le Van. 2,311,672; Feb. 23.
- Electron flow, Control of. Z. J. Atlee and F. R. Abbott. 2,316,214; Apr. 13.
- Electron flow device. Z. J. Atlee. 2,329,319; Sept. 14.
- Electron flow device. Z. J. Atlee and R. F. Wilson. 2,332,428; Oct. 19.
- Electron gun structure and method of assembly thereof. R. M. Bowie. 2,327,8; Sept. 21.
- Electron multiplier. D. Gabor. 2,307,035; Jan. 5.
- Electron tube. A. Gaebel. 2,328,136; Aug. 31.
- Electron tube mounting. G. Baumbach. 2,325,825; Aug. 3.
- Electron tubes, Base construction for. C. F. Miller. 2,337,401; Dec. 21.
- Electronic apparatus. R. R. Blair. 2,316,044; Apr. 6.
- Electronic beacon modulator. A. Alford. 2,310,202; Feb. 9.
- Electronic circuits. H. G. Cisin. 2,317,178; Apr. 20.
- Electronic control. H. R. Shaw. 2,337,132; Dec. 21.
- Electronic control circuit. W. F. Lear. 2,308,620; Jan. 19.
- Electronic control system, Automatic. H. Boucke. 2,315,042; Mar. 30.
- Electronic device. R. H. George. 2,307,209; Jan. 5.
- Electronic device. H. A. Iams. 2,322,361; June 22.
- Electronic device. A. M. Skellett. 2,320,756; June 1.
- Electronic discharge device. S. B. Ingram. 2,331,398; Oct. 12.
- Electronic regenerative repeater. H. F. Wilder and A. W. Breyfogel. 2,333,281; Nov. 2.
- Electronic regulator. W. A. Ford and P. C. Michel. 2,316,577; Apr. 13.
- Electronic relay. H. Ziebold. 2,322,556; June 22.
- Electronic switch. P. C. Michel. 2,324,314; July 13.

- Electronic television transmitter. W. Heimann. 2,310,782; Feb. 9.
- Electronic translating device. H. Ziebolz. 2,314,302; Mar. 16.
- Electronic tube. W. W. Eitel and J. A. McCullough. 2,310,769; Feb. 9.
- Electronic tube. W. W. Eitel and J. A. McCullough. 2,315,510; Apr. 6.
- Electronic tube. O. T. McIlvaine. 2,307,697; Jan. 5.
- Electronic tube and making same. W. W. Eitel and J. A. McCullough. 2,335,587; Nov. 30.
- Electronic valve device. F. Nagy and M. J. Goddard. 2,313,866; Mar. 16.
- Electro-optical color reproduction circuit. V. C. Hall and J. G. Streiffert. 2,313,542; Mar. 9.
- Electro-optical facsimile synchronizing system. W. G. H. Finch. 2,317,850; Apr. 27.
- Electro-optical method and apparatus. J. C. Batchelor. 2,307,661; Jan. 5.
- Electro-optical system. V. C. Hall. 2,313,543; Mar. 9.
- Electrophysiotherapeutic apparatus. J. H. Dobert. 2,311,935; Feb. 23.
- Electroplating. R. O. Hull and C. F. Ruebensaal. 2,312,097; Feb. 23.
- Electroplating apparatus. H. Csanyi. 2,326,624; Aug. 10.
- Electropolishing apparatus. F. E. Drummond and D. E. Bench. 2,330,562; Sept. 28.
- Electroplating apparatus. G. J. Hurlston. 2,325,401; July 27.
- Electroplating apparatus. K. T. Potthoff. 2,315,272; Mar. 30.
- Electroplating equipment. A. E. Maibauer. 2,320,442; June 1.
- Electroplating magnesium. W. S. Loose. 2,313,756; Mar. 16.
- Electroplating metallic strip. Method and apparatus for continuously. E. S. Taylerson. 2,312,452; Mar. 2.
- Electropneumatic brake. J. C. McCune. 2,317,134; Apr. 20.
- Electroresponsive device. H. T. Seeley. 2,333,448; Nov. 2.
- Electrostatic bonding apparatus. E. L. Crandell. 2,324,068; July 13.
- Electrostatic condenser. W. Dorn. 2,323,020; June 29.
- Electrostatic condenser. S. Ruben. 2,313,094; Mar. 9.
- Electrostatic dust sampler. G. W. Penney and E. B. Barnes. 2,307,602; Jan. 5.
- Electrostatic electron lens. F. Krause. 2,313,018; Mar. 2.
- Electrostatic ore concentration. G. W. Hewitt. 2,314,940; Mar. 30.
- Electrostatic ore concentrator. G. W. Hewitt and G. W. Penney. 2,314,939; Mar. 30.
- Electrostatic voltmeter. R. Schroeder. 2,320,662; June 1.
- Electro vacuum vibrator. M. P. McCarty. 2,314,590; Mar. 23.
- Electrowinning of manganese. Purification in. F. M. Wanamaker and W. D. Morgan, Jr. 2,325,723; Aug. 3.
- Elements of organic materials. Preserving. G. D. Arnold. 2,318,576; May 11.
- Elevation post. Adjustable insulating. S. C. Miller. 2,335,296; Nov. 30.
- Elevator. C. H. Bond. 2,307,353; Jan. 5.
- Elevator. H. S. Fullerton. 2,317,852; Apr. 27.
- Elevator. A. Redler. 2,311,084; Feb. 16.
- Elevator. Box. A. R. Thompson and R. M. Magnuson. 2,325,889; Aug. 3.
- Elevator car. H. E. Fritzam and M. J. Broun. 2,310,414; Feb. 9.
- Elevator construction. Hydraulic. A. W. Grote. 2,319,126; May 11.
- Elevator control mechanism. S. B. Sanford. 2,308,211; Jan. 12.
- Elevator control system. P. M. Martin and A. O. Lund. 2,313,955; Mar. 16.
- Elevator control system. R. A. Walte and L. I. Davis. 2,308,221; Jan. 12.
- Elevator control. Variable voltage. K. M. White. 2,313,607; Mar. 9.
- Elevator for repetition and automatic firearms. G. Revelli. 2,330,626; Sept. 28.
- Elevator guide means. L. H. Kiesling. 2,309,123; Jan. 9.
- Elevator link. G. D. Johnson. 2,313,243; Mar. 9.
- Eliminator for looms. Jerked in filling. A. S. Dawkins. 2,333,846; Nov. 9.
- Eliminator. Static. G. Slayter. 2,333,213; Nov. 2.
- Elongated bodies by deformation. Producing. J. Kafowl. Re. 22,341; July 6.
- Elongated bodies. Reduction of. P. H. Hume. 2,332,796; Oct. 26.
- Elongated structure formed from synthetic materials. A. G. Bonhuys. 2,318,457; May 4.
- Embalming apparatus. H. S. Day. 2,328,199; Aug. 31.
- Embalming composition. H. I. Jones. 2,333,182; Nov. 2.
- Embalming fluid. L. McDonald. 2,318,319; May 4.
- Emblem securing device. C. H. Murfin. 2,312,183; Feb. 23.
- Emergency and parking brake. C. N. Reavis. 2,327,559; Aug. 24.
- Emergency and parking brake operator. C. N. Reavis. 2,335,533; Nov. 30.
- Emergency cut-over valve. R. B. Campbell. 2,312,686; Mar. 2.
- Emergency device for hydraulic control systems. J. Mercier. 2,323,927; July 13.
- Emergency hatch and manhole cover. R. E. Flaxman. 2,312,155; Feb. 23.
- Emergency wire connector. J. B. Miller. 2,333,266; Nov. 2.
- Emplacement for machine guns. Portable. R. B. Lord. 2,317,392; Apr. 27.
- Emulsifying and scouring assistant for mineral sulfonates. J. B. Holtzclaw and G. E. Serniuk. 2,314,450; Mar. 23.
- Emulsion. H. J. Robertson and T. G. Wisherd. 2,318,714; May 11.
- Emulsion and producing the same. Bituminous. R. J. Garofalo and F. S. Scott. 2,331,022; Oct. 5.
- Emulsion breaking compound. T. B. Wayne. 2,318,034; Mar. 2.
- Emulsion containing fog inhibitors. Photographic. S. M. Sheppard and W. Vanselow. 2,319,090; May 11.
- Emulsion for burn treatment. R. L. Holmes and H. C. De Hoff. 2,312,715; Mar. 2.
- Emulsion for color photography. Silver halide. R. V. Young. 2,331,755; Oct. 12.
- Emulsion for treating textiles. F. G. La Piana and H. S. Bosland. 2,310,795; Feb. 9.
- Emulsion. Photographic. H. Arens. K. Kumetart, R. Walter, and G. Willmanns. 2,323,187; June 29.
- Emulsion. Photographic. E. B. Knott. 2,315,966; Apr. 6.
- Emulsion. Pigmented lacquer. G. Klinkenstein, C. Frey, and E. F. Tuttle, Jr. 2,336,484; Dec. 14.
- Emulsion polymerization of halogen-2-butadienes-1,3. K. Meisenburg, I. Dennstedt, and E. Zaucker. 2,321,693; June 15.
- Emulsions. J. N. Borglin. 2,326,610; Aug. 10.
- Emulsions. M. Katzman, F. J. Cahn, and A. K. Epstein. 2,334,709; Nov. 23.
- Emulsions. Breaking petroleum. G. Allen. 2,329,025-6; Sept. 7.
- Emulsions. Breaking petroleum. P. M. Goodloe and H. G. Berger. 2,317,050; Apr. 20.
- Emulsions. Breaking petroleum. A. F. Wirtel and C. M. Blair, Jr. 2,322,494; June 22.
- Emulsions. Chilling photographic. J. H. Craft, Jr. 2,316,845; Apr. 20.
- Emulsions for waterproofing and fireproofing purposes. Preparation of. R. B. Porter, Jr. 2,314,242; Mar. 16.
- Emulsions. Preparation of. B. De H. Miller, P. Phelps, and H. W. Beavary. 2,330,986; Oct. 5.
- Emulsions. Process and reagent for resolving. T. B. Wayne. 2,335,554; Nov. 30.
- Emulsions. Treating. M. R. Hatfield. 2,336,542; Dec. 14.
- Enamel coating. C. W. N. Stoops and W. A. Denison. 2,324,739; July 20.
- Enamel coating for ferrous metals. A. E. Chester. 2,321,656-7; June 15.
- Enamel compositions. H. J. Kauth. 2,323,334; July 6.
- Enamel. Porcelain. M. J. Bahnsen and E. E. Bryant. 2,324,812; July 20.
- Enamelled tank. C. E. Murphy. 2,330,306; Sept. 28.
- Enameling. C. H. Zwermann, Jr. 2,332,423-4; Oct. 19.
- Enameling composition. H. F. Staley and R. R. Danielson. 2,334,043; Nov. 9.
- Enameling composition and the like and making the same. L. J. Frost and C. H. Commons, Jr. 2,326,348; Aug. 10.
- Enamels. W. Heimsoeth and R. Weinig. 2,337,103; Dec. 21.
- Enamels. Glass. R. Andrews and R. J. King. 2,312,788; Mar. 2.
- Enamels. Opauing agents for vitreous. H. C. Kremers and L. A. Bateman. 2,332,236; Oct. 19.
- Enceiphering apparatus. G. Garnier. 2,313,012; Mar. 2.
- Enclosed mercury switch. I. E. McCabe. 2,325,785; Aug. 3.
- Enclosed switch. F. B. Adam. 2,310,918; Feb. 16.
- Enclosed switch. F. S. Green. 2,332,633; Oct. 26.
- Enclosure. J. Hierenfeld. 2,326,282; Aug. 10.
- End fitting for high pressure hose. M. Hattan. 2,328,013; Aug. 31.
- End fitting for street lights. A. A. Hoher. 2,316,069; Apr. 6.
- Endless conveyer. J. P. Morgan. 2,310,646; Feb. 9.
- Endless tread track tool. M. A. Schroeder and F. J. Jakoubek. 2,332,607; Oct. 26.
- Ends of metal tubes. Closing. D. R. Knox. 2,329,770; Sept. 21.
- Energizer. C. E. Roberts. 2,337,771; Dec. 28.
- Energy absorber. W. M. White. 2,308,136; Jan. 12.
- Energy from pyro crystals and minerals. Production of. J. K. Delano. 2,317,532; Apr. 27.
- Energy transition. J. Goldmann. 2,327,418; Aug. 24.
- Engine: See—
 Aero-nautical engine.
 Barrel engine.
 Combustion engine.
 Compression ignition engine.
 Diesel engine.
 Electric throttle engine.
 Explosive type engine.
 Gyroscopic internal combustion engine.
 Internal combustion engine.
 Internal combustion rotary engine.
 Internal combustion turbine engine.

- Engine, *See*
 Jet propulsion engine
 Lubricating piston engine.
 Opposed piston engine
 Opposed piston type steam engine
 Reaction propulsion engine
 Reciprocating engine
 Rotary engine
 Rotary internal combustion engine
 Rotary valve engine.
 Turbine engine.
 Engine, J. M. Caldwell, 2,332,055; Oct. 19.
 Engine, J. M. Christian, 2,319,113; May 11.
 Engine, W. Henson, 2,320,928; June 1.
 Engine, G. Lolselle, 2,315,214; Mar. 30.
 Engine, A. H. Neuland, 2,329,480; Sept. 14.
 Engine, A. H. Neuland, 2,332,106; Oct. 19.
 Engine, S. C. Rayburn, 2,311,254; Feb. 16.
 Engine, Z. D. Rubin, 2,316,107; Apr. 6.
 Engine, J. Tjandra, 2,327,470; Aug. 24.
 Engine and cooling system therefor, Combined. S. L. Till, 2,315,462; Mar. 30.
 Engine apparatus, Internal combustion. R. N. Crabtree and C. A. Brooks, 2,312,151; Feb. 23.
 Engine blower control. D. B. Elifes and C. J. Swigert, 2,311,936; Feb. 23.
 Engine broad and ventilating system. A. C. Dressler, 2,311,036; Feb. 16.
 Engine construction, Outboard. T. Jackson, 2,326,224; Aug. 10.
 Engine control. F. T. Christian, 2,323,202; June 29.
 Engine control, Internal combustion. H. W. Meade, 2,326,791; Aug. 17.
 Engine control means. E. Martin, 2,322,303; June 22.
 Engine controlling means. H. Scott-Paine, 2,330,388; Sept. 28.
 Engine cooling means. D. R. Berlin, 2,336,772; Dec. 14.
 Engine cooling system. A. F. Underwood, 2,334,457; Nov. 18.
 Engine cowling support. D. R. Berlin and W. O. Watson, 2,319,843; May 25.
 Engine cylinder, Air cooled. A. T. Gregory and C. C. De Pew, 2,330,779; Sept. 28.
 Engine cylinder liner and method. F. A. Wagner, 2,324,517; July 20.
 Engine cylinders, Cooling. J. H. Wallace, 2,321,882; June 15.
 Engine cylinders, Method of production of. F. T. Irgens, 2,331,554; Oct. 12.
 Engine-driven centrifugal pump. L. P. Lee, L. Hathaway, and A. Sawbridge, 2,330,498; Sept. 28.
 Engine-driven pump. L. Hathaway, 2,309,505; Jan. 29.
 Engine for aircraft, Internal combustion. C. H. Wiegman, 2,311,146; Feb. 16.
 Engine fuel vaporizer. J. Graziano, 2,314,140; Mar. 16.
 Engine induction system. T. Jackson, 2,337,050; Dec. 21.
 Engine inspection stand. J. H. Staley, 2,329,860; Sept. 21.
 Engine leakage meter. J. D. Morgan and P. B. Levitt, 2,328,289; Aug. 31.
 Engine lubricating system. W. H. Worthington, 2,318,276; May 4.
 Engine lubrication system control. W. R. Goodman and K. Hoben, 2,336,781; Dec. 11.
 Engine lubricator. E. M. Green, 2,328,005-6; Aug. 31.
 Engine mount, Resilient. E. S. Taylor, 2,310,882; Feb. 9.
 Engine mounting. P. M. Clayton, 2,329,829; Sept. 21.
 Engine mounting. R. S. Trott, Re. 22,403; Dec. 7.
 Engine mounting and control. P. J. Collins, 2,311,303; Feb. 16.
 Engine or pump, Rotary. E. Ericsson, 2,335,501; Nov. 30.
 Engine plant with at least two crankshafts, Internal combustion. E. Waecher, 2,310,269; Feb. 9.
 Engine primer. A. L. Parker, 2,311,078; Feb. 16.
 Engine scavenging control, two cycle. H. G. Camner, 2,330,866; Oct. 5.
 Engine seal. H. M. Dodge, 2,335,561; Nov. 30.
 Engine stand. M. de K. T. Kennedy, 2,311,668; Feb. 23.
 Engine starter. J. E. Buxton, 2,332,055; Oct. 19.
 Engine starter. K. F. Douglas, 2,325,007; July 20.
 Engine starter. J. W. Fitz Gerald, 2,307,207; Jan. 5.
 Engine starter. J. W. Fitz Gerald, 2,329,174; Sept. 14.
 Engine starter. W. L. Gorden, 2,323,535; July 6.
 Engine starter. E. E. Hood, 2,317,344; Apr. 27.
 Engine starter. B. W. Jones, 2,319,688; May 18.
 Engine starter. B. W. Jones, 2,321,987; June 8.
 Engine starter drive. J. E. Buxton, 2,311,894; Feb. 23.
 Engine starter drive. J. E. Buxton, 2,320,220; May 25.
 Engine starter drive. J. E. Buxton, 2,332,053-4; Oct. 19.
 Engine starter drive. K. F. Douglas, 2,310,174; Feb. 2.
 Engine starter drive. E. E. Hood, 2,331,690; Oct. 12.
 Engine starter drive. D. P. Kearney, 2,337,559; Dec. 28.
 Engine starter gearing. J. E. Buxton, 2,323,196; June 29.
 Engine starter gearing. F. T. Christian, 2,327,980; Aug. 24.
 Engine starter gearing. B. W. Jones, 2,308,979; Jan. 19.
 Engine starter gearing. B. W. Jones, 2,325,518; July 27.
 Engine starter gearing. D. P. Kearney, 2,311,297; Feb. 16.
 Engine starter gearing. D. P. Kearney, 2,322,964; June 29.
 Engine starter gearing. T. B. Martin, 2,313,656; Mar. 9.
 Engine starter, Manually engaged. J. W. Fitz Gerald, 2,318,209; May 4.
 Engine starting apparatus. L. C. Dermond, 2,326,125; Aug. 10.
 Engine starting device. J. E. Buxton, 2,332,986; Oct. 26.
 Engine starting device. J. Good, 2,319,595; May 18.
 Engine starting mechanism. R. M. Nardone, 2,316,121-2; Apr. 6.
 Engine starting mechanism. R. M. Nardone, 2,319,469; May 18.
 Engine starting mechanism. R. M. Nardone, 2,322,154; June 15.
 Engine starting mechanism. R. M. Nardone, 2,329,929; Sept. 21.
 Engine starting mechanism. R. M. Nardone, 2,330,136; Sept. 21.
 Engine starting mechanism. R. M. Nardone, 2,331,077; Oct. 5.
 Engine starting mechanism. R. M. Nardone, 2,332,103; Oct. 19.
 Engine starting mechanism. C. A. Neracher and W. T. Dunn, 2,309,413; Jan. 26.
 Engine starting mechanism. H. A. Thornburg, 2,334,657; Nov. 16.
 Engine starting mechanism. S. H. Webster, 2,322,608; June 22.
 Engines, Controlling combustion. H. B. Grow, 2,319,858; May 25.
 Engines, Lubrication of aero and other. E. Piquerez, 2,326,167; Aug. 10.
 Engines, Method of cooling. A. C. Pabst and J. H. Prall, 2,318,568; May 4.
 Engine's tape box. P. R. Van Buskirk, 2,312,943; Mar. 2.
 Engraving machine. D. B. McRae, 2,327,811; Aug. 24.
 Engraving, Process of. F. H. M. New, 2,332,003; Oct. 19.
 Engraving, Process of. J. J. Ormond, 2,315,903; Apr. 6.
 Enlarger. E. C. Rogers, 2,333,583; Nov. 2.
 Enolesters of the saturated and unsaturated pregnane-20-ones and conversion of acetylene derivatives. L. Ruzicka, 2,315,817; Apr. 6.
 Enolic derivatives of steroids and making the same. W. Schoeller and H. H. Inhoffen, 2,322,476; June 22.
 Entrained particles from vapors, Removal of. J. W. Packie, 2,316,016; Apr. 6.
 Envelope. G. T. Arnold, 2,318,278; May 4.
 Envelope. P. E. Georgiou, 2,330,045; Sept. 21.
 Envelope. A. Kerr, 2,334,413; Nov. 16.
 Envelope. H. Mendez, 2,336,635; Dec. 7.
 Envelope. A. M. Thompson, 2,317,497; Apr. 27.
 Envelope. H. M. Whitman, 2,317,335; Apr. 20.
 Envelope and the like. M. Alland, 2,335,470; Nov. 30.
 Envelope, Continuous. V. E. Heywood, 2,332,637; Oct. 26.
 Envelope, Dispensing. W. E. Drake, 2,325,942; Aug. 3.
 Envelope, Emergency mailing. D. B. Dickinson, 2,312,964; Mar. 2.
 Envelope, Expandable and reversible. G. E. Powell, 2,332,751; Oct. 26.
 Envelope handling machine. A. H. Williams, 2,322,455; July 27.
 Envelope machine. G. W. Anderson, 2,311,017; Feb. 16.
 Envelope machine attachment. E. G. Vallier, 2,334,658; Nov. 16.
 Envelope opening machine. J. R. Brown, 2,307,618; Jan. 5.
 Envelope or the like. A. I. Kegan, 2,329,055; Sept. 7.
 Envelope, Quick-opening. E. B. Berkowitz, 2,330,666; Sept. 28.
 Envelope unit, Individual price-banded card and. P. A. Huber, 2,336,867; Dec. 14.
 Envelope with concealed carrier-opener, Return safety window. C. M. Gresser, 2,335,115; Nov. 23.
 Envelopes, Assembly of series-connected. V. E. Heywood, 2,332,638; Oct. 26.
 Envelopes, Manufacture of dry-sealing. V. E. Heywood, 2,312,162; Feb. 23.
 Enveloping, Cigar. J. A. Neumair, 2,324,017; July 13.
 Epinephrine derivative and preparation thereof. E. L. Gustus, 2,332,075; Oct. 19.
 Epinephrine with steroids and product thereof, Reaction of. R. G. Roberts, 2,333,581; Nov. 2.
 Equalizer, Attenuation. W. P. Mason, 2,337,399; Dec. 21.
 Equalizer bearing for pumps. C. E. Anderson, 2,334,741; Nov. 23.
 Equalizer, Pressure. J. A. Lupfer, 2,321,093; June 8.
 Equalizing device. Sag. J. J. Philliod and E. B. Griffen, 2,307,900; Jan. 12.
 Equalizing fulcrum arrangement. E. J. Harley, 2,320,864; June 1.

- Equipment for permanently waving hair. R. M. Keele. 2,310,295; Feb. 9.
- Equipment rack. B. O. Miller. 2,309,131; Jan. 26.
- Equipment, Razor-blade sharpening. E. Setterlund. 2,322,321; June 22.
- Equipment stand. L. J. Ruf. 2,328,924; Sept. 7.
- Equipped vehicle. G. E. Reed. 2,329,419; Sept. 14.
- Eraser. A. S. Cotera. 2,330,954; Oct. 5.
- Eraser cleaner. F. L. Hennefer. 2,323,903; July 13.
- Eraser device. J. S. Dornor. 2,337,979; Dec. 28.
- Eraser guard. C. J. Leonard. 2,319,871; May 25.
- Erecting device for gyro verticals. L. F. Carter. 2,314,343; Mar. 23.
- Erecting device for gyro-verticals. A. W. Lane. 2,326,784; Aug. 17.
- Erection means for filing material support. C. W. Straubel. 2,310,264; Feb. 9.
- Erosion check dam. B. R. Wiley. 2,318,349; May 4.
- Error corrector system, Quadrantal. W. P. Lear. 2,330,226; Sept. 28.
- Erythrocytometer. C. A. Hausser and A. A. Hausser. 2,322,128; June 15.
- Escape construction for submarines. M. K. Mead. 2,324,167; Feb. 13.
- Escapement type switch. G. Deakin. 2,318,204; May 4.
- Ester and making same. M. De Groot. 2,334,389; Nov. 16.
- Ester bodies, Formation of. K. A. Earhart and B. Rabin. 2,308,498; Jan. 19.
- Ester composition, Cellulose. L. W. A. Meyer and F. R. Conklin. 2,337,340; Dec. 21.
- Ester emulsions onto film bases, Promoting the adherence of cellulose. W. Partridge, Jr. 2,337,345; Dec. 21.
- Ester of alpha-hydroxyisobutyric acids. Beta-nitroalkyl. J. T. Thurston and D. W. Kaiser. 2,336,318; Dec. 7.
- Ester of sulphosuccinic acids. L. H. Flett. 2,316,234; Apr. 13.
- Esters, Amino carboxylic acid. B. R. Harris. 2,321,595; June 15.
- Esters and making same, Certain water-soluble high molar oxyalkylated. M. De Groot and B. Kelsor. 2,329,394-5; Sept. 14.
- Esters and making same, Certain water-soluble high molar oxyalkylated. M. De Groot and B. Kelsor. 2,335,489; Nov. 30.
- Esters and manufacture thereof, Polymerized mixed. M. A. Pollack and A. G. Chienick. 2,335,962; Dec. 7.
- Esters, Cellulose. C. Dreyfus and M. E. Martin. 2,329,706; Sept. 21.
- Esters, Cellulose. C. I. Haney and M. E. Martin. 2,329,718; Sept. 21.
- Esters, Cellulose fatty acid. R. Hofmann and W. Röhm. 2,317,767; Apr. 27.
- Esters, Distillation of high boiling. J. E. Jewett. 2,324,088; July 13.
- Esters, Manufacture of cellulose. C. J. Malm. 2,318,573; May 4.
- Esters, Manufacturing of leuco. W. Mig and F. Wieners. 2,307,893; Jan. 12.
- Esters of alpha-hydroxyisobutyric acids, Aromatic. J. T. Thurston and J. M. Grimm. 2,336,317; Dec. 7.
- Esters of cis-endo-methylene-3,6,8,14-tetrahydrophthalic acid. Sulpho. P. P. McClellan and J. C. Bacon. 2,314,846; Mar. 23.
- Esters of cyclic ketals, Preparing. K. E. Marple. 2,312,298; Feb. 23.
- Esters of endo-methylene hexahydrophthalic acids with higher aliphatic alcohols. C. E. Staff. 2,311,261; Feb. 16.
- Esters of endo-methylene hydrophthalic acids with glycol and polyglycol monoethers. C. E. Staff. 2,311,260; Feb. 16.
- Esters of ethers of polyhydroxylic compounds, Partial. K. R. Brown. 2,322,821; June 21.
- Esters of halogen alcohols, Production of. F. Manchen and W. Schmidt. 2,314,454; Mar. 23.
- Esters of higher molecular weight carboxylic monoesters of glycols, Amino carboxylic acid. B. R. Harris. 2,321,594; June 15.
- Esters of hydroalkyl cellulose and product produced thereby, Making. A. E. Broderick. 2,327,397; Aug. 24.
- Esters of hydroxycyclohexanones, Production of. L. P. Kyrides. 2,331,329; Oct. 12.
- Esters of hydroxypolyaryl methanes and preparing same. H. A. Branson. 2,300,335; Jan. 26.
- Esters of isobutane-1, 3-di-ol and making same. G. H. Coleman, B. C. Hadler, and G. V. Moore. 2,336,223; Dec. 7.
- Esters of methylol phenols. H. A. Bruson. 2,331,169; Oct. 5.
- Esters of polyhydric alcohols, Preparation of mixed. C. M. Gooden. 2,309,949; Feb. 2.
- Esters of polymeric unsaturated alcohols and manufacture thereof, polymerized. I. E. Muskat and M. A. Pollack. 2,332,460; Oct. 19.
- Esters of the anthraquinone series, Leuco sulphuric acid. E. Besler. 2,316,758; Apr. 20.
- Esters, Peroxidized. M. C. Agens. 2,319,576; May 18.
- Esters, Preparation of cellulose mixed. J. W. Hill. 2,322,575; June 22.
- Esters, Preparation of. D. J. Loder. 2,331,094; Oct. 5.
- Esters, Preparation of malonic. W. C. Stoesser. 2,337,858; Dec. 28.
- Esters, Preparation of organic. D. J. Loder, W. F. Gresham, and D. B. Killian. 2,316,605; Apr. 13.
- Esters, Preparing methylene malonic. G. F. D'Alelio. 2,330,033; Sept. 21.
- Esters, Producing lactic acid. G. G. Urquhart. 2,315,168; Mar. 30.
- Esters, Producing rosin. W. M. Billing. 2,327,009; Aug. 17.
- Esters, Producing synthetic. W. A. Jordan. 2,307,794; Jan. 12.
- Esters, Production of alkamine. S. H. Horenstein and H. P. Hübke. 2,313,016; Mar. 2.
- Esters, Production of cellulose. C. I. Haney and M. E. Martin. 2,329,717; Sept. 21.
- Esters, Ripened cellulose. C. Dreyfus and R. D. Rowley. 2,329,704; Sept. 21.
- Esters, Sulphur-containing. L. L. Davis, B. H. Lincoln, and G. D. Byrkit. 2,309,829; Feb. 2.
- Esters, Translucent polymeric methacrylic. W. H. Gift. 2,320,924; June 1.
- Etcher and allied device, Electric. T. Miller and F. C. Knapp. 2,337,341; Dec. 21.
- Etching. J. J. Ormond. 2,317,551; Apr. 27.
- Etching insania upon articles of glassware. C. W. Gustky. 2,324,694; July 20.
- Etching process. E. E. Jelley. 2,324,087; July 13.
- Etching solution for lithographic plates. P. Whyzmuzis. 2,333,221; Nov. 2.
- Ether, Alpha, beta-dicyano diethyl. V. L. Hansley. 2,333,782; Nov. 9.
- Ethers, Esters of cashew nutshell liquid and preparation, Mixed. S. Caplan. 2,310,146; Feb. 2.
- Ether esters of diethylstilboestrol. B. J. Ludwig. 2,338,076; Dec. 28.
- Ether, Preparation of water-soluble carboxy-ethyl cellulose. L. H. Bock and A. L. Houk. 2,332,048; Oct. 19.
- Ether propagation paths, Investigating. N. E. Lindenblad and J. L. Finch. 2,326,662; Aug. 10.
- Ether, Stabilized. E. C. Britton and G. H. Coleman. 2,336,667; Dec. 14.
- Ether, Stabilized. E. C. Britton and G. H. Coleman. 2,336,668; Dec. 14.
- Ethers. F. L. Taylor and C. L. Moyle. 2,328,702; Aug. 10.
- Ethers, Manufacture of. W. A. Craig. 2,328,059; Aug. 31.
- Ethers of bis-phenols. G. H. Coleman, B. C. Hadler, and R. W. Sapp. 2,331,265; Oct. 5.
- Ethers of polychloro-2-hydroxydiphenyl. G. H. Coleman and W. D. Schroeder. 2,335,845; Dec. 7.
- Ethers of polyhydric alcohols, Secondary. T. W. Evans and E. F. Bullard. Re. 22,347; July 13.
- Ethers, Production of. C. B. Linn and V. N. Ipatieff. 2,332,467; Oct. 19.
- Ethers, Production of epoxide. T. W. Evans, K. E. Marple, and E. C. Shokal. 2,314,039; Mar. 16.
- Ethers, Production of hydroxy. K. E. Marple, E. C. Shokal, and T. W. Evans. 2,327,053; Aug. 17.
- Ethers, Pyrolysis of unsaturated. W. B. Converse. 2,309,576; Jan. 26.
- Ethers, Substituted phenoxyalkyl. H. R. Henze. 2,327,890; Aug. 24.
- Ethylene sulphide reaction product of cyanamide. L. P. Moore and W. P. Ericks. 2,323,409; July 6.
- Evaporating apparatus. D. D. Peebles. 2,310,649; Feb. 9.
- Evaporating apparatus. C. F. Rosenblad. 2,334,959; Nov. 23.
- Evaporating solvents from solutions. V. R. Kokatnur and J. J. Jacobs, Jr. 2,326,099; Aug. 3.
- Evaporation from oil storage tanks, Preventing. D. W. Jayne. 2,307,508; Jan. 5.
- Evaporative cooler. R. S. Stratton. 2,319,565; May 18.
- Evaporator. W. E. Beline. 2,312,312-3; Mar. 2.
- Evaporator. F. L. Bock. 2,322,110; June 15.
- Evaporator. J. E. George. 2,326,024; Aug. 3.
- Excavator. J. O. Greer. 2,310,735; Feb. 9.
- Evaporator. B. C. Johnson. 2,310,906; Feb. 9.
- Evaporator. B. C. Johnson. 2,328,723; Sept. 7.
- Evaporator. F. A. Smith. 2,310,042; Feb. 9.
- Evaporator for cooling systems, Split. T. J. Lehane and E. H. Burgess. 2,328,472; Aug. 31.
- Evaporator header construction. B. C. Johnson. 2,334,331; Nov. 16.
- Evaporator, Refrigerant. G. Thomas. 2,328,511; Aug. 31.
- Evaporator, Spray. S. B. Heath. 2,327,039; Aug. 17.
- Evaporator structure. J. N. Roth. 2,334,219; Nov. 16.
- Evaporator unit. E. E. Allyne. 2,313,499; Mar. 9.
- Evaporator unit with frozen food compartments. B. C. Johnson. 2,324,931; July 20.
- Excavating apparatus. R. S. Weimer. 2,334,460; Nov. 16.
- Excavating implement. L. T. Harris and J. P. Murtaugh. 2,336,729; Dec. 14.
- Excavating implement. T. A. Ratkowski. 2,336,749; Dec. 14.
- Excavating mechanism. J. J. Matus, Jr. 2,322,151; June 15.
- Excavator. E. W. Austin. 2,329,448; Sept. 14.
- Excavator. E. S. Berny. 2,329,241; Sept. 14.
- Excavator. E. A. Drott. 2,328,715; Sept. 7.
- Excavator. V. Mikan. 2,325,336; July 27.

- Excavator, Boom type. H. Hollman, G. Van Voorhis, C. L. George, and R. O. Gerdeman. 2,311,834; Feb. 23.
- Exchanger, Heat. F. R. Higley. 2,332,969; Oct. 26.
- Excruter lamp for use in photo-electric devices. F. J. Dingley. 2,335,198; Nov. 23.
- Excreta bag. C. K. Billieb. 2,315,390; Mar. 30.
- Exerciser, Eye. A. E. Jacobson. 2,317,197; Apr. 20.
- Exerciser, Vascular. P. L. Ginsburg. 2,315,997; Apr. 6.
- Exercising anchorage, Animal. W. L. Hayden. 2,314,941; Mar. 30.
- Exercising apparatus. J. P. Sweeney. 2,332,184; Oct. 19.
- Exercising apparatus. A. W. Turner and T. V. Greene. 2,320,489; June 1.
- Exercising device. G. C. Bulloch. 2,319,109; May 11.
- Exercising device. E. Le R. Jones III. 2,315,485; Apr. 6.
- Exercising device. G. G. Porter. 2,307,856; Jan. 12.
- Exercising device. L. A. Woolley. 2,324,970; July 20.
- Exhaust conduits, Reinforcing. A. Franz and S. Decher. 2,308,913; Jan. 19.
- Exhaust control for air hammers. O. O. Appton. 2,320,340; June 1.
- Exhaust device for internal combustion engines. A. F. Decker. 2,308,059; Jan. 12.
- Exhaust hood and clamping device, Combination. W. F. Terry and R. E. Goodenough. 2,308,048; Jan. 12.
- Exhaust pipe shroud. L. E. Russell. 2,315,772; Mar. 31.
- Exhibiting apparatus. W. C. Eddy. 2,327,628; Aug. 24.
- Exhibiting means, Merchandise. N. A. Hallwood. 2,315,790; Apr. 6.
- Exhibiting or display device. J. Sneed. 2,326,179; Aug. 10.
- Exp. catapult, Emergency. L. E. Currison. 2,331,309; Oct. 12.
- Exp. roll for galvanizing pots. S. H. Bobrov. 2,315,150; Mar. 30.
- Exothermic device. F. Racen. 2,318,420; May 4.
- Expander, Spring. H. C. Christian. 2,329,591; Sept. 14.
- Expander tube brake. J. T. King. 2,314,712; Mar. 23.
- Expanding and staking tool. O. Haas and J. R. Hawkins. 2,325,508; July 27.
- Expanding projectile. V. N. Crasnoft. 2,333,091; Nov. 2.
- Expanding tool. J. B. Hood. 2,320,435; June 1.
- Expansion joint. D. J. Bergman. 2,335,478; Nov. 30.
- Expansion joint. A. C. Fischer. 2,316,233; Apr. 13.
- Expansion joint. A. C. Fischer. 2,334,183; Nov. 16.
- Expansion joint. C. J. Francois. 2,317,598; Apr. 27.
- Expansion joint. W. Grund. 2,331,889; Oct. 12.
- Expansion joint. W. E. Hulsberg. 2,308,757; Jan. 19.
- Expansion joint. R. G. Le Tourneau. 2,328,155; Aug. 31.
- Expansion joints, Making. C. R. Eckert. 2,308,065; Jan. 12.
- Expeller press. R. T. Anderson. 2,331,883; Oct. 19.
- Explosion pressure gauge. E. E. Simmons, Jr. 2,327,935; Aug. 24.
- Explosion prevention control for dry cleaning machines. W. F. Gayring. 2,333,000; Oct. 26.
- Explosion proof enclosure for electrical devices. R. A. Blood. 2,316,835; Apr. 20.
- Explosion-proof panel board. H. L. Bush. 2,335,233; Nov. 30.
- Explosion turbine motor. G. H. Wakefield. 2,320,391; June 1.
- Explosion-type puller. W. A. Brecht and H. F. Hanson. 2,331,167; Oct. 5.
- Explosive. K. E. Ripper. 2,334,149; Nov. 9.
- Explosive-carrier sensitive to airplane induced aerial disturbances. G. F. Archer. 2,330,325; Sept. 28.
- Explosive composition. C. H. Carey. 2,333,637; Nov. 9.
- Explosive composition. M. A. Cook. 2,312,752; Mar. 2.
- Explosive composition. W. E. Kirst and C. H. Winning. 2,314,832; Mar. 23.
- Explosive composition. R. W. Lawrence. 2,325,064-5; July 27.
- Explosive composition. M. F. Lindsley, Jr. 2,320,972; June 1.
- Explosive composition. C. H. Winning. 2,314,806-7; Mar. 23.
- Explosive composition. C. H. Winning. 2,314,809-10; Mar. 23.
- Explosive composition. C. H. Winning and R. J. Miller. 2,314,808; Mar. 23.
- Explosive for mines. G. Weber. 2,313,210; Mar. 9.
- Explosive. Nitrostarch demolition. W. O. Snelling. 2,333,275; Nov. 2.
- Explosive trip for well devices. C. E. Burt. 2,330,265; Sept. 28.
- Explosive type engine. R. Y. Bovee. 2,316,394; Apr. 13.
- Explosive, Well. J. L. Foster. 2,307,729; Jan. 5.
- Explosives, Making. M. F. Lindsley, Jr. 2,320,971; June 1.
- Exposure determining device. K. Rath. 2,321,420; June 8.
- Exposurometer. J. Bolsey. 2,327,858; Aug. 24.
- Exposure meter. F. J. Lingel. 2,329,630; Sept. 14.
- Exposure meter. A. J. McMaster. 2,308,469; Jan. 12.
- Expressing press. C. B. Upton. 2,320,765; June 1.
- Expulsion fuse. A. G. Steinmayer and C. W. Brown. 2,334,134; Nov. 9.
- Extensible fire ladder and elevator. M. Honig. 2,323,041; June 29.
- Extensible reach for vehicles. G. G. McNamara, Jr. 2,320,189; May 25.
- Extension drawer slide, Progressive. O. D. Premo. 2,319,553; May 18.
- Extension leaf table. C. C. Hicks. 2,336,685; Dec. 14.
- Extension table. T. E. McFall. 2,316,448; Apr. 13.
- Extensometer. A. E. Hibschnmann, W. J. Kelly, and P. H. Hume. 2,332,573; Oct. 26.
- Extensometer. P. H. Hume. 2,332,797; Oct. 26.
- Extensometer. P. H. Hume. 2,333,864; Nov. 9.
- Extensometer. R. L. Templin. 2,316,914; Apr. 20.
- Extensor, Multiplex. L. M. Potts. 2,319,263; May 18.
- Exterminator, Insect. P. L. Doodchenko. 2,330,034; Sept. 21.
- External honing tool. W. H. Harris, Jr. 2,316,422; Apr. 13.
- Extinguisher, Arc. R. R. Pittman. 2,332,398; Oct. 19.
- Extinguishing composition. R. I. Thrune. 2,307,083; Jan. 5.
- Extracting. R. B. McKinnis. 2,318,178; May 4.
- Extracting and concentrating sulphur dioxide. L. J. B. Guyard. 2,314,936; Mar. 30.
- Extracting and protecting device for cartridges or shells. E. L. Allen and H. B. Muster. 2,322,810; June 29.
- Extracting. H. A. Anberg and J. W. Heward. 2,326,741; Aug. 17.
- Extraction of lignosulphonic acid. W. C. Pritchard and R. A. Daily. 2,325,542; July 27.
- Extraction of organic materials. J. E. Mitchell. 2,324,012; July 13.
- Extraction process. F. J. F. van der Plas. 2,322,083; June 15.
- Extractor. See—
- Centrifugal extractor. Juice extractor.
- Flue heat extractor. Radio tube extractor.
- Fruit juice extractor. Spike extractor.
- Extractor, Juice. H. L. Smith. 2,332,177; Oct. 19.
- Extractor machine, Full automatic centrifugal. J. J. Neuman. 2,328,394; Aug. 31.
- Extractor machine, Full automatic centrifugal. J. J. Neuman. 2,328,396; Aug. 31.
- Extracts, Manufacture of soluble dry. M. R. Morgenthau. 2,333,027; Oct. 26.
- Extracts, Production of allergic. C. H. Boatner. 2,316,311; Apr. 13.
- Extruder. C. Field. 2,332,211; Oct. 19.
- Extruder, Self-feeding. L. London. 2,327,725; Aug. 24.
- Extrusion device. J. L. Ellis. 2,317,897; Apr. 27.
- Extrusion die for hollow food paste articles. P. Schwab. 2,308,937; Jan. 19.
- Extrusion method and apparatus. T. C. Jannsen. 2,331,195; Oct. 5.
- Extrusion mill. E. N. Meakin. 2,336,114; Dec. 7.
- Extrusion molding. G. W. Wacker. 2,327,079; Aug. 17.
- Extrusion of substantially surfacecured nonplastic material. M. H. Jellinek. 2,336,734; Dec. 14.
- Extrusion press. H. M. Gersman. 2,310,230; Feb. 9.
- Eyecup. J. R. Eddins. 2,328,627; Sept. 7.
- Eye exercising and testing device. R. S. Horn. 2,309,508; Jan. 26.
- Eyeglass. I. Greenfield. 2,329,757; Sept. 21.
- Eyeglass. V. W. Krause. 2,313,879; Mar. 16.
- Eyeglass. R. F. Metzger. 2,316,096; Apr. 6.
- Eyeglass case. H. R. Segal. 2,332,266; Oct. 19.
- Eyeglass construction. A. B. Hudler. 2,307,837; Jan. 12.
- Eyeglass construction. G. F. Nerney. 2,311,991; Feb. 23.
- Eyeglasses. F. B. Valentine. 2,331,640; Oct. 12.
- Eye structure for anchor rods. H. F. Stover. 2,327,567; Aug. 24.
- Eye testing device. V. H. Hancock and R. W. Bennett. 2,325,569; July 27.
- Eye testing instrument. W. F. Peck and A. A. Gradisar. 2,322,878; June 29.
- Eye washing device. E. W. Eweson. 2,330,695; Sept. 28.
- Eyelets or the like, Method of and blank for producing. J. W. and K. W. Ekstedt. 2,309,942; Feb. 2.
- Fabric. See—
- Coated fabric. Ornamental plastic fabric.
- Elastic pile fabric. Ornamenting fabric.
- Flock finished fabric. Preparation of laminating fabric.
- Knitted fabric. Structural fabric.
- Leno fabric. Textile fabric.
- Loop pile fabric. Wire fabric.
- Mechanical fabric.
- Organic derivative of cellulose fabric.
- Fabric. L. J. A. Amyot. 2,325,215; July 27.
- Fabric. A. A. Gobeille. 2,312,089; Feb. 23.
- Fabric. R. G. Knowland and J. M. Donnelly. 2,314,844; Mar. 23.
- Fabric and fabric, Method of treating. C. T. Graham. 2,317,375; Apr. 27.
- Fabric and finish. D. D. Coffman. 2,335,582; Nov. 30.
- Fabric and its production, Knitted. H. B. Hayto and W. B. Mattinson. 2,323,396; July 6.
- Fabric and method, Knitted. I. H. C. Green. 2,337,189; Dec. 21.
- Fabric and method of knitting. I. H. C. Green. 2,315,119; Mar. 30.

- Fabric and method of knitting. W. L. Smith, Jr. 2,319,955; May 25.
- Fabric and producing same, Composite. R. C. Amidon. 2,333,630; Nov. 9.
- Fabric and seam therein, Impervious. W. W. Rowe. 2,316,891; Apr. 20.
- Fabric and their production, Stocking, knitted. H. B. Snader. 2,307,607-8; Jan. 5.
- Fabric articles, Finishing. G. E. Dunn. 2,333,160; Nov. 2.
- Fabric, Coated. F. T. Peters. 2,322,953; June 29.
- Fabric, Composite. C. Dreyfus and G. Schneider. 2,326,128; Aug. 10.
- Fabric, Cutting. F. G. Dodge. 2,328,063; Aug. 31.
- Fabric draw-off means for textile machines. H. Printz. 2,333,074; Oct. 26.
- Fabric drying and shaping apparatus and method. F. Y. Kitzmiller. 2,316,001; Apr. 6.
- Fabric, Dyeing. O. Grimm and H. Rauch. 2,328,900; Sept. 7.
- Fabric edge-folding and pressing device. J. Silverman. 2,317,817; Apr. 27.
- Fabric, Electrically conductive. S. Adamson. 2,327,756; Aug. 24.
- Fabric finishing machine. G. L. White. 2,314,114; Mar. 16.
- Fabric finishing method. H. I. Huey, H. G. Killam, and W. W. Russell. 2,327,712; Aug. 24.
- Fabric folding and cutting machine. H. B. Hathaway. 2,311,541; Feb. 16.
- Fabric, Glazing. I. S. Hurd. 2,314,277; Mar. 16.
- Fabric glove and producing the same. A. Charney. 2,329,590; Sept. 14.
- Fabric, hat, and making the same. G. M. Rickus. 2,322,255; June 22.
- Fabric, Knit. S. R. Shelmire. 2,325,078; July 27.
- Fabric liner and gasket seal, Wax impregnated glass. E. E. Lauer. 2,333,535; Nov. 2.
- Fabric, Making. F. B. Voegeli. 2,330,645; Sept. 28.
- Fabric, Making pile. R. C. Amidon. 2,331,290; Oct. 12.
- Fabric, Pile. R. C. Amidon. 2,331,289; Oct. 12.
- Fabric, Preparation of laminating. W. Whitehead. 2,326,189; Aug. 10.
- Fabric printing apparatus. C. P. Kent. 2,333,382; Nov. 2.
- Fabric printing machine, Continuous. J. T. Montague. 2,309,914; Feb. 2.
- Fabric, Repairing damaged. I. Kallenbach. 2,308,760; Jan. 19.
- Fabric take up for knitting machines. R. C. Southworth. 2,333,307; Nov. 9.
- Fabric, Textile. W. Whitehead. 2,307,179; Jan. 5.
- Fabric treatment. C. M. Croft. 2,315,600; Apr. 6.
- Fabric treatment. C. Dreyfus. 2,337,652; Dec. 28.
- Fabric treatment. T. H. Hilliard. 2,308,511; Jan. 19.
- Fabric treatment. H. D. Leonard, N. A. Sykes, and A. R. Wachter. 2,310,245; Feb. 9.
- Fabric treatment. G. Schneider, J. E. Bludworth, and C. M. Croft. 2,313,173; Mar. 9.
- Fabric tubing. A. C. Ewer, C. V. Brady, and R. W. Hanse. 2,314,292; Mar. 16.
- Fabrication method. J. H. Cooper. 2,337,294; Dec. 21.
- Fabrics and artificial structures, Dressing of. L. Lillienfeld. 2,327,912; Aug. 24.
- Fabrics and the yarns or threads of which the fabric is composed, Detensioning. F. R. Redman. 2,325,544; July 27.
- Fabrics having weft threads, Producing. O. Wahle. 2,313,305; Mar. 9.
- Fabrics, Making decorative. G. R. Cunningham. 2,322,226; June 22.
- Fabrics, Making warp knit. C. R. Burks. 2,320,405; June 1.
- Fabrics, Manufacture of nonwoven. G. L. Schwartz. 2,330,314; Sept. 28.
- Fabrics, Manufacture of woven plush or pile. A. Young and I. G. Stewart. 2,323,269; June 29.
- Fabrics, Preparing stiffened. W. Whitehead. 2,311,012; Feb. 16.
- Fabrics, Printing upon. M. W. Johnson. 2,310,436; Feb. 9.
- Fabrics, Producing double-sided plated knit. M. Nebel. 2,319,340; May 18.
- Fabrics, Producing fast dyed patterned parchmentized. F. Lorenz and E. Weiss. 2,312,346; Mar. 2.
- Fabrics, Production of glazed. H. Corteen. 2,307,876; Jan. 12.
- Fabrics, Production of knitted. A. F. Guyler, W. H. Bonler, and W. E. Stanley. 2,312,334; Mar. 2.
- Fabrics, Production of knitted. A. F. Guyler, W. H. Bonler, and W. E. Stanley. 2,312,965; Mar. 2.
- Fabrics, Stabilization of knit. D. H. Powers and R. G. Lawrence. 2,329,651; Sept. 14.
- Face muscle lifter. J. Thiemann. 2,307,714; Jan. 5.
- Faceplate arrangement. B. E. Jones. 2,322,192; June 15.
- Facsimile and picture transmission. J. W. Cox. 2,331,456; Oct. 12.
- Facsimile retransmission method and apparatus. E. G. Faim. 2,336,932; Dec. 14.
- Facsimile system. W. R. Koch. 2,319,139; May 11.
- Facsimile system, Automatic. G. H. Ridings and R. J. Wise. 2,333,272; Nov. 2.
- Fan. J. H. Cohen. 2,312,627; Mar. 2.
- Fan. J. H. Cohen. 2,337,293; Dec. 21.
- Fan. A. A. Crigui. 2,311,896; Feb. 23.
- Fan. E. Gustafsson and J. W. Baur. 2,335,508; Nov. 30.
- Fan. E. E. Hans. 2,328,072; Aug. 31.
- Fan. E. C. Horton. 2,321,143; June 8.
- Fan. H. C. Hueglin. 2,337,719; Dec. 28.
- Fan. J. E. McDonald. 2,307,418; Jan. 5.
- Fan. C. Poff. 2,333,873; Nov. 9.
- Fan. I. N. Pollinger. 2,327,061; Aug. 17.
- Fan. A. O. Wupperman. 2,308,140; Jan. 12.
- Fan attachment for sewing machines. A. Gold and S. Spielman. 2,309,894; Feb. 2.
- Fan, Axial flow. J. R. Weske. 2,313,413; Mar. 9.
- Fan balancing means. G. L. Moeller. 2,336,697; Dec. 14.
- Fan belt tool. A. V. Smith. 2,333,395; Nov. 2.
- Fan blades for flywheels of sewing machines. R. Weidner and J. D. Yaro. 2,315,235; Mar. 30.
- Fan, Combination display. A. Vallone. 2,334,298; Nov. 16.
- Fan, Centrifugal. H. F. Hagen. 2,322,357; June 22.
- Fan, Centrifugal. K. D. McMahan. 2,316,608; Apr. 13.
- Fan guard, Tractor. P. P. McLemore, Jr. 2,325,913; Aug. 3.
- Fan, Lubricating. J. R. Thorp. 2,334,456; Nov. 16.
- Fan, Portable electric. E. A. Ebert. 2,325,754; Aug. 3.
- Fan, Propeller. H. F. Hagen. 2,327,841; Aug. 24.
- Fan, Propeller type ventilator. W. L. Upson. 2,317,502; Apr. 27.
- Fan, Rotary. P. Wareham. 2,337,700; Dec. 28.
- Fan, Suction. J. H. Hanselman. 2,323,536; July 6.
- Fan switch. B. E. Shaw. 2,308,434; Jan. 12.
- Fan, Ventilating. W. A. Spear. 2,316,663; Apr. 13.
- Fans, Making. F. H. Schubert. 2,336,303; Dec. 7.
- Fast dyes on fibrous materials, Producing. R. Huss. 2,321,816; June 15.
- Fastener—See—
- Adjustable strap fastener.
 - Clasp fastener.
 - Clip fastener.
 - Closure fastener.
 - Combination hair and hat fastener.
 - Conduit fastener.
 - Connecting device or similar fastener.
 - Cowl fastener.
 - Cooling and the like fastener.
 - Door fastener.
 - Double-acting scoop separable fastener.
 - Draper fastener.
 - File fastener.
 - Flexible tubing fastener.
 - Plated shank fastener.
 - Hair fastener.
 - Hermetic separable fastener.
 - Hookless fastener.
 - Integral separable fastener.
 - One-time fastener.
 - One-way detachable snap fastener.
 - Open side separable fastener.
 - Package fastener.
 - Panel fastener.
 - Paper fastener.
 - Refrigerator door fastener.
 - Resilient fastener.
 - Resilient rail fastener.
 - Rotary operative.
 - Rotary closure fastener.
 - Rotary operative fastener.
 - Separable fastener.
 - Separating slide fastener.
 - Shiftable rotary operative fastener.
 - Slide fastener.
 - Sliding clamp fastener.
 - Sliding clasp fastener.
 - Snap fastener.
 - Spring fastener.
 - Strap and fastener.
 - Strap fastener.
 - Toothbrush cover fastener.
 - Wallboard fastener.
 - Wheel shroud fastener.
- Fastener. D. A. Brennan. 2,329,869-70; Sept. 21.
- Fastener. A. E. Bryce. 2,323,197; June 29.
- Fastener. K. C. Bugg. 2,338,023; Dec. 28.
- Fastener. D. H. Finkle. 2,324,687; July 20.
- Fastener. G. A. Hansman. 2,319,058; May 11.
- Fastener. M. C. Herget. 2,336,828; Nov. 30.
- Fastener. K. L. Johnson. 2,323,999; July 13.
- Fastener. W. W. Karlen. 2,336,619; Dec. 14.
- Fastener. C. J. Koenig. 2,317,201; Apr. 20.
- Fastener. H. W. Kost. 2,315,210; Mar. 13.
- Fastener. D. R. La Place. 2,329,440; Sept. 14.
- Fastener. E. L. Mack. 2,317,787; Apr. 27.
- Fastener. C. C. Place. 2,318,182; May 12.
- Fastener. F. G. Purinton. 2,327,555-6; Aug. 24.
- Fastener. F. G. Purinton. 2,334,352; Nov. 16.
- Fastener. S. Segal. 2,318,123; May 4.
- Fastener. G. A. Tinnerman. 2,326,579; Aug. 10.
- Fastener. A. Venditty. 2,328,260; June 29.
- Fastener. W. F. Warren. 2,314,470; Mar. 23.
- Fastener. W. Wikstrom. 2,336,721; Feb. 2.
- Fastener. E. H. N. Wohlers. 2,331,754; Oct. 12.
- Fastener and fastener installation. C. L. Hall. 2,329,894; Sept. 21.
- Fastener and fastener installation. R. W. Johnson. 2,332,852; Oct. 26.
- Fastener and fastener installation. H. J. Murphy. 2,327,329; Aug. 17.
- Fastener and fastener installation thereof, Molding and like. S. M. Del Cam. 2,318,840; May 11.
- Fastener-applying implement. A. H. Maynard. 2,309,778; Feb. 2.
- Fastener applying tool. H. W. Kost. 2,315,209; Mar. 30.
- Fastener assembly. W. T. White and C. H. Zimmerman. 2,314,746; Mar. 23.
- Fastener device. G. H. Hufferd. 2,307,132; Jan. 5.
- Fastener device. O. J. Poupitch. 2,314,368; Mar. 23.
- Fastener device. O. J. Poupitch. 2,322,776; June 29.
- Fastener device. O. J. Poupitch. 2,333,388; Nov. 2.
- Fastener device. C. A. Rees. 2,321,157; June 8.

- Fastener device and installation of the same, Rotary operative, A. C. Maynard, 2,327,327; Aug. 17.
- Fastener device and installation of the same, Rotary operative, H. J. Murphy, 2,309,737; Feb. 2.
- Fastener display device, Separable, P. T. Poutinen, 2,322,057; June 15.
- Fastener driving machine, F. Polzer, 2,314,847-S; Mar. 23.
- Fastener driving mechanism, F. Polzer, 2,325,341; July 27.
- Fastener driving tool, E. Krantz, 2,326,540; Aug. 10.
- Fastener elements, Manufacture of separable, J. G. Meave, 2,312,494; Mar. 2.
- Fastener for cycled edges, L. L. Judge, 2,334,268; Nov. 16.
- Fastener for garments and other articles, A. Hlsche, 2,311,231; Feb. 16.
- Fastener for moldings or the like, H. W. Kost, 2,315,211; Mar. 30.
- Fastener for storm windows and the like, A. W. Bergesch, 2,314,967; Mar. 30.
- Fastener for trimming and like strips, Snap, H. J. Murphy, 2,322,656; June 22.
- Fastener for trimming and like strips, Snap, H. J. Murphy, 2,327,328; Aug. 17.
- Fastener for wall board units, J. G. Hamilton, 2,319,129; July 11.
- Fastener installation, H. J. Reiter, 2,332,167; Oct. 19.
- Fastener member, C. L. Hall, 2,318,853; May 11.
- Fastener supplying device, C. B. Goodstein, 2,309,763; Feb. 2.
- Fasteners, Color treatment of slide, H. A. Hamm, 2,331,000; Nov. 9.
- Fasteners, Manufacturing sliding clasp, J. Kuna, 2,307,410; Jan. 5.
- Fasteners, Plating metal, P. C. Wooters, 2,334,054; Nov. 9.
- Fasteners, Slide, G. Wintriss and D. Rabinow, 2,335,626; Nov. 30.
- Fastening and locating device, C. T. Langmaid, 2,319,532; Feb. 9.
- Fastening and shoes containing the fastening, R. C. Marcy, 2,332,653; Oct. 26.
- Fastening device, C. S. Anderson, 2,307,348; Jan. 5.
- Fastening device, N. R. Beagle, 2,316,548; Apr. 13.
- Fastening device, D. A. Brennan, 2,319,438; May 18.
- Fastening device, G. A. Carlson, 2,335,482; Nov. 30.
- Fastening device, J. F. Cleary, 2,329,335; Sept. 14.
- Fastening device, W. Daus, 2,337,457; Dec. 21.
- Fastening device, R. C. Gazley, 2,334,188; Nov. 16.
- Fastening device, G. A. Hunsman, 2,319,059; May 11.
- Fastening device, C. Hapanowicz, 2,311,592; Feb. 16.
- Fastening device, C. T. Holman, 2,319,501; May 18.
- Fastening device, D. S. Kane, 2,315,335; Mar. 30.
- Fastening device, G. H. Koch, 2,322,803; June 29.
- Fastening device, M. J. Marty, 2,337,483; Dec. 21.
- Fastening device, O. J. Poupitch, 2,324,268-9; July 13.
- Fastening device, P. F. Rossmann, 2,321,518; June 8.
- Fastening device, C. D. Ryder, 2,327,605; Aug. 24.
- Fastening device, C. D. Ryder, 2,336,153; Dec. 7.
- Fastening device, G. A. Tinnerman, 2,318,816; May 11.
- Fastening device, G. A. Tinnerman, 2,323,689; July 6.
- Fastening device, G. A. Tinnerman, 2,323,690; July 6.
- Fastening device, G. A. Tinnerman, 2,335,464; Nov. 30.
- Fastening device, G. A. Tinnerman, 2,336,319; Dec. 7.
- Fastening device for group wiring and the like, W. H. Churchill, 2,327,326; Aug. 17.
- Fastening device for sink strainers, B. G. Kuhne, 2,309,851; Feb. 2.
- Fastening device for windows, J. Blears, 2,310,348; Feb. 9.
- Fastening flexible members, W. R. Buxton, 2,318,750; May 11.
- Fastening inserting machine, B. B. Blanchard, 2,325,100; July 27.
- Fastening-inserting machine, F. L. Brandt, 2,324,479; July 20.
- Fastening inserting machines, G. R. Coyne, 2,310,938; Feb. 16.
- Fastening inserting machine, R. H. Lawson, 2,334,715; Nov. 23.
- Fastening-inserting machine, F. E. Stratton, 2,318,025; May 4.
- Fastening means, D. Birkin, 2,311,326; Feb. 16.
- Fastening means, J. F. Dauster, 2,312,630; Mar. 2.
- Fastening means, G. H. Gill, 2,329,158; Sept. 7.
- Fastening means, R. B. Gray, 2,326,455; Aug. 10.
- Fastening means, J. F. Martin, W. E. Schwarzmann, and E. M. Bach, 2,320,947; June 1.
- Fastening means, R. A. Ratcliff, 2,332,752; Oct. 26.
- Fastening means, G. A. Tinnerman, 2,310,756; Feb. 9.
- Fastening means for billiard table slates, A. F. Debecki, 2,333,709; Nov. 9.
- Fastening means for metal panels, F. E. Allen, 2,317,015; Apr. 20.
- Fastening means, Window shade, H. F. Snyder, 2,318,564; May 4.
- Fastening pulling machine, R. R. Campbell, 2,333,700; Nov. 9.
- Fastening supplying apparatus, W. M. Cutler, 2,319,797; May 25.
- Fastenings, Insertion of, F. E. Stratton, 2,332,677; Oct. 26.
- Fat containing materials, and product, Treatment of, W. R. Johnston, H. C. Gore, and C. N. Frey, 2,314,988; Mar. 30.
- Fat treating, Multiphase continuous, B. Winer, 2,313,692; Mar. 9.
- Fats and oils, Hydrolysis of, J. F. Murphy, 2,310,986; Feb. 16.
- Fats and oils, Isolation of sterols from, L. Yoder, 2,322,906; June 29.
- Fats and oils, Isomerization of, W. R. Elpper, 2,310,225; Feb. 9.
- Fats and oils, Refining and concentrating the unsaponifiable fraction of, L. O. Buxton and E. J. Simons, 2,318,748; May 11.
- Fats and oils, Treatment of, H. H. Young and H. C. Black, 2,308,848; Jan. 19.
- Fatty acid-containing stock, Treating, R. H. Potts, 2,322,056; June 15.
- Fatty acids, Purifying, W. L. Semon, 2,315,664; Apr. 6.
- Fatty material, Refining, F. J. Ewing, 2,329,869; Sept. 21.
- Fatty substances, Treatment of, R. P. Dunnaire and J. A. Cawthorpe, 2,316,774; Apr. 20.
- Fatigue-testing machine, R. Eksbergian, 2,317,097; Apr. 20.
- Faucet testing machine and method, J. N. Kenyon, 2,328,908; Sept. 7.
- Faucet, N. Roach, 2,310,599; Feb. 9.
- Faucet, F. B. and R. D. Welby, 2,331,527; Oct. 12.
- Faucet, A. A. Wyckoff, 2,310,485; Feb. 9.
- Faucet assembly, Direct draw, F. E. Rice, 2,331,729; Oct. 12.
- Faucet attachment, C. E. Lehman, 2,314,357; Mar. 23.
- Faucet coupling, M. F. Mejdlich, 2,326,479; Aug. 10.
- Faucet, Retarded self-closing, J. F. Molloy, 2,324,946; July 20.
- Faucet, Sanitary self-closing, R. H. Zinkl, C. U. Larson, and G. E. Hansen, 2,327,574; Aug. 24.
- Faucet, Vacuum breaking, E. W. N. Boosey, 2,330,947; Oct. 5.
- Faucet valve, W. A. Herring and R. D. Barnett, 2,339,900; Feb. 2.
- Fault-indicating means for signal systems, J. H. Wheelock, 2,307,904; Jan. 12.
- Fault-indicating means for signal systems, J. H. Wheelock, 2,323,860; July 6.
- Feather fabric, Making, E. Hulvey, 2,335,011; Nov. 23.
- Feed, H. H. Schompyer, 2,313,275; Mar. 9.
- Feed and discharge arrangement for conveyors, K. E. Bomle, 2,323,083; June 29.
- Feed apparatus for profile copying machines, H. Ehrenberg, 2,330,567; Sept. 28.
- Feed auxiliary adjustment, Roll, E. V. Crane, 2,330,955; Oct. 5.
- Feedback system, Stabilized, H. S. Black, 2,324,815; July 20.
- Feed control and deceleration valve, R. D. Bennett, 2,321,000; June 8.
- Feed control device, Gravity, R. P. Skeritt, 2,314,802; Mar. 23.
- Feed control means for weighing apparatus, C. G. Bliss, 2,316,310; Apr. 13.
- Feed control system, H. E. Wurzbach, 2,336,434; Dec. 7.
- Feed cup for grain drills, D. M. Morris, 2,327,923; Aug. 24.
- Feed cutter, G. B. Hill, 2,313,872; Mar. 16.
- Feed device, C. H. Schlesman, 2,314,316; Mar. 16.
- Feed device, Automatic, E. D. Dilling, 2,331,540; Oct. 12.
- Feed drive means for machining concave and convex surfaces, E. P. Bullard, 2,329,246; Sept. 14.
- Feed for cigar-making machines, Filler, H. H. Wheeler, 2,329,169; Sept. 7.
- Feed for machine tools, Star, W. R. Miller, 2,319,701; May 18.
- Feed for wrapping machines, Wrapper, W. Hoppe, 2,330,715; Sept. 28.
- Feed, Loom warp, G. J. Beaudrean, 2,325,096; July 27.
- Feed mechanism, C. J. Mahlot, 2,307,415; Jan. 5.
- Feed mechanism, R. E. Price, H. E. Balsiger, and M. A. Hollengreen, 2,313,479; Mar. 9.
- Feed mechanism, M. E. Robinson and N. H. Swanson, 2,332,531; Oct. 26.
- Feed mechanism, R. L. Wilcox, 2,311,903; Feb. 23.
- Feed mechanism, Bin, N. M. Lower, 2,336,181; Dec. 7.
- Feed mechanism for assembly machines, N. V. Kuehlman, 2,337,667; Dec. 28.
- Feed mechanism for fastener setting machines, Hand, O. J. Huelster, 2,329,407; Sept. 7.
- Feed mechanism for firearms, N. L. Brewer, 2,320,403; June 1.
- Feed mechanism for photographic cameras, Film, H. Friebe, 2,335,402; Nov. 30.
- Feed mechanism for punch presses, Automatic, W. M. Anderson, 2,321,738; June 15.
- Feed mechanism for railway sewing machines, C. E. Smith and F. D. Lockman, 2,319,370; May 18.
- Feed mechanism for saws, D. H. Bostwick and T. Bode, 2,332,888; Oct. 26.
- Feed mechanism for stapling machines, L. Obstfeld and J. H. Fancher, 2,328,839; Sept. 7.
- Feed mechanism for stapling machines, W. G. Pankonin, 2,311,412; Feb. 16.

- Feed plunger construction for bar stock feed mechanism. E. S. Mariotte, 2,334,272; Nov. 16.
- Feed reversing mechanism for sewing machines. J. Hickey, 2,311,184; Feb. 16.
- Feed roll for corn cutters. C. E. Kerr, 2,335,594; Nov. 30.
- Feed, Scrap tobacco. J. P. Durning, 2,329,747; Sept. 21.
- Feed system. R. L. Wilcox, 2,310,823; Feb. 9.
- Feed stop for grinding mills. W. C. Hanna, H. E. Kaiser, and A. Harvey, 2,318,306; May 4.
- Feed valve for continuous cookers. R. D. Fox, 2,335,588; Nov. 30.
- Feed-water heater. J. F. Sebald, 2,308,721; Jan. 19.
- Feed-water heater. J. H. and J. F. Sebald, 2,308,719-20; Jan. 19.
- Feed-water heater. E. P. Worthen, 2,328,045; Aug. 31.
- Feed water regulator. V. V. Veenschoten, 2,314,672; Mar. 23.
- Feeder: See—
- Automatic bag feeder.
 - Automatic poultry feeder.
 - Bird cage feeder.
 - Calf feeder.
 - Chick feeder.
 - Coupon feeder.
 - Liquid reagent feeder.
 - Livestock feeder.
 - Mercury feeder.
 - Metallurgical mill reagent feeder.
 - Poultry feeder.
 - Proportional chemical feeder.
 - Proportional feeder.
 - Rotary feeder.
 - Sheet feeder.
 - Stock feeder.
 - Thread yarn feeder.
 - Vibratory feeder.
- Feeder. K. W. Dillman, 2,331,110; Oct. 5.
- Feeder. H. R. Schemm, 2,316,814; Apr. 20.
- Feeder. F. M. Wolf, 2,334,368; Nov. 16.
- Feeder and orienter. Cartridge. J. H. Woodberry, 2,326,816; Aug. 17.
- Feeder for can bodymaker. Blank. L. R. McCann, 2,315,535; Apr. 6.
- Feeder for dividing and distributing fluids. G. Nemetz, 2,331,924; Oct. 19.
- Feeder for glass drawing tanks. Blanket. H. L. Halbach, W. G. Koupal, and W. Owen, 2,327,887; Aug. 24.
- Feeder head for shaker conveyers. W. W. Sloane, 2,318,808; May 11.
- Feeder means. E. W. Shallock, 2,329,948; Sept. 21.
- Feeder. Stiffness. F. A. 2,330,454; Sept. 21.
- Feeding and distributing mechanism. N. P. Harshberger, 2,321,082; June 8.
- Feeding and straightening machine. E. R. Miller, F. M. Littell, and S. Budlong, 2,315,446; Mar. 30.
- Feeding apparatus for plastic material. V. H. Emerson and W. C. Denison, Jr., 2,313,056; Mar. 9.
- Feeding apparatus for steam boilers, Automatic. J. F. Gilmore, 2,325,241; July 7.
- Feeding cardboard and like blanks to creasing, folding, or other treatment machinery, Mechanism for. E. L. Bishop, 2,311,533; Oct. 12.
- Feeding device, Chlorine. R. B. Emerson, 2,315,512; Apr. 6.
- Feeding device for billet heating devices. R. G. Le Tourneau, 2,326,953; Aug. 17.
- Feeding device for closure assembling machines. L. E. Sensenderfer, 2,331,050; Oct. 5.
- Feeding device for machine tools. E. G. Hjärpe and E. B. Schüberg, 2,320,235; May 25.
- Feeding device for sewing machines. C. A. Kessler, 2,307,513; Jan. 5.
- Feeding device. V. B. Knauser, 2,332,152; Oct. 19.
- Feeding dish. Child's. T. A. Ryan, 2,322,685; June 22.
- Feeding mechanism. A. K. Bradley, 2,326,005; Aug. 3.
- Feeding mechanism. E. P. Drake, F. J. Alberty, and W. H. Kagle, 2,329,984; Sept. 21.
- Feeding mechanism. G. Erickson and C. F. Sheeley, 2,336,676; Dec. 14.
- Feeding mechanism. F. E. Sinclair, 2,316,192; Apr. 13.
- Feeding mechanism. J. Stuart, II, 2,326,697; Aug. 10.
- Feeding mechanism. A. H. Weis, 2,325,643; Aug. 3.
- Feeding mechanism, Continuous filament bristle. W. P.-G. Hall and A. O. Bell, 2,317,401; Apr. 27.
- Feeding mechanism for machines. F. Parry, 2,324,873; July 20.
- Feeding mechanism for multiple printed forms. N. Whitehead, 2,327,480; Aug. 24.
- Feeding mechanism for power presses and like machines. M. D. Heyman, 2,322,294; June 22.
- Feeding mechanism for sewing machines. A. N. Hale, 2,317,662; Apr. 27.
- Feeding mechanism for sewing machines. A. N. Hale, 2,322,207; June 22.
- Feeding mechanism for sewing machines. J. Heggie, 2,325,510; July 27.
- Feeding mechanism for sewing machines. J. D. Karle, 2,330,177; Sept. 21.
- Feeding mechanism for sewing machines. L. C. Marsac, 2,324,561; July 20.
- Feeding mechanism for shaker conveyers. E. R. Bergmann, 2,317,172; Apr. 20.
- Feeding mechanism for shaker conveyers. C. A. Pratt, 2,316,973; Apr. 20.
- Feeding mechanism for shaker conveyers. C. J. Schafer, 2,317,089; Apr. 20.
- Feeding mechanism, Work. W. O. Arnold, 2,314,605; Mar. 23.
- Feeding mechanism, Wrapping machine. C. J. Malhot, 2,330,831; Oct. 5.
- Feeding—fuel to engines. W. K. Ebel, A. E. Houstle, Jr., N. F. Scudder, and W. B. O'Neal, 2,323,525; July 6.
- Feeler device for looms. E. C. Alix, 2,312,515; Mar. 2.
- Felt belt. G. A. Neville, 2,332,393; Oct. 19.
- Felt conditioning device for paper making machines. F. W. Vickery, 2,308,674; Jan. 19.
- Felt, Drier. H. N. Hill, 2,317,910; Apr. 27.
- Felt, Method and apparatus for treating. F. G. Somerville, 2,335,462; Nov. 30.
- Felted material, Manufacturing mineral wool. D. C. Drill, 2,319,666; May 18.
- Felted product. R. W. Maxwell, 2,336,797; Dec. 14.
- Feltting apparatus, Mineral wool. G. T. Pearce, 2,325,975; Aug. 3.
- Felting needle. E. P. Foster, 2,327,416; Aug. 24.
- Female connector. W. P. Herman, 2,318,485; May 4.
- Fence charging device. C. Gallot and A. Alpaugh, 2,319,449; May 18.
- Fence, Electric. J. Roach, 2,318,832; May 11.
- Fence panel. H. H. Freeman, 2,329,259; Sept. 14.
- Fence panel, Pendulous. H. H. Freeman, 2,329,261; Sept. 14.
- Fence panel, Vertically adjustable. H. H. Freeman, 2,329,260; Sept. 14.
- Fence post. G. R. Baron, 2,335,227; Nov. 30.
- Fence post. F. W. Meyer, 2,337,263; Dec. 21.
- Fence structure. R. Lundy, 2,327,311; Aug. 17.
- Fence wire clamp. B. E. Waterman, 2,324,445; July 13.
- Fender, Ice-cer. F. H. Tinkson, 2,325,901; Aug. 3.
- Fender for lawn mowers, Shrubbery. T. L. Nelson, 2,312,435; Mar. 2.
- Fender, Marine. H. W. Bell, 2,307,255; Jan. 5.
- Fender, Plant. J. R. Fell, 2,319,047; May 11.
- Fender shield. A. P. Ferguson, 2,336,536; Dec. 14.
- Fender shield and assembly. H. S. Jandus, 2,336,545; Dec. 14.
- Fender shield construction. A. P. Ferguson, 2,312,536; Mar. 2.
- Fender shield construction and assembly. F. W. Wohlfield, 2,309,724; Feb. 2.
- Fender shield latching mechanism. A. P. Ferguson, 2,334,867; Nov. 23.
- Fermentation process for the production of 5-ketogluconic acid. J. Stubbs, L. B. Lockwood, E. T. Roe and G. E. Ward, 2,318,641; May 11.
- Fermentation, Process of. K. Burgeson, 2,333,764; Nov. 9.
- Ferric oxide and its preparation. B. F. Butler, 2,330,553; Sept. 28.
- Ferro-alloys substantially free of gangue materials, Production of. L. H. Tlmins, 2,322,327; June 22.
- Ferromagnetic powder core, Rustproofed. A. D. Whipple, 2,307,343; Jan. 5.
- Ferrous alloy. A. T. Cape, 2,313,420; Mar. 9.
- Ferrous alloy. A. T. Cape, 2,337,083; Dec. 21.
- Ferrous alloy thermocouple element. D. I. Finch, 2,325,759; Aug. 3.
- Ferrous bearing metals, Treatment of. J. C. Zimmer and A. J. Morway, 2,310,381; Feb. 9.
- Ferrous metal surfaces with water insoluble metallic phosphates, Coating. G. C. Romig, 2,316,811; Apr. 20.
- Ferrous metals against corrosion, Protection of. C. K. Sloan, 2,333,206; Nov. 2.
- Ferrous objects, Treating. R. Webster, 2,317,837; Apr. 27.
- Ferrule. G. S. Eisenbeis, 2,320,579; June 1.
- Fertile from infertile eggs, Method and apparatus for selecting. W. D. Dooley, 2,310,682; Feb. 9.
- Fertilizer distributor, Hand. W. R. Whiten, 2,337,952; Dec. 28.
- Fertilizer material, Conversion of refuse into a humus. A. E. Sherman, 2,337,686; Dec. 28.
- Fertilizer materials, Production of non-caking. J. Y. Yee and R. O. E. Davis, 2,307,253; Jan. 5.
- Fertilizers, Production of. F. Ritter, F. Rodis, and K. Vitendorf, 2,337,498; Dec. 21.
- Fertilizing by cartridges. A. C. Fischer, 2,315,949; Apr. 6.
- Festoon bracket. F. H. Werner and O. N. Whitehead, 2,337,950; Dec. 28.
- Festoon ring. O. N. Whitehead and A. Dlouhy, 2,329,446; Sept. 14.
- Fiberboard and the like, Drying. J. F. Kiernan, 2,312,913; July 13.
- Fiber board, Artificial. H. E. Walter, 2,317,504; Apr. 27.
- Fiberboard carrying tray. A. A. Bureau and S. Price, 2,326,926; Aug. 17.
- Fiber cans, Sealing. D. G. Magill, 2,311,675; Feb. 23.
- Fiber composition, Flexible. E. H. Gross and A. J. Hanley, 2,332,792; Oct. 26.
- Fiber container. E. E. Baker and C. C. Conway, Jr., 2,338,019; Dec. 23.
- Fiber container. N. Pelosi, 2,328,579; Sept. 7.
- Fiber containers, Coating. H. A. Eggers, 2,337,981; Dec. 28.
- Fiber forming apparatus. G. Slayter, 2,332,274; Oct. 19.
- Fiber-forming polymers and making them. R. E. Christ, 2,312,879; Mar. 2.
- Fiberizing mineral. B. C. McClure, 2,318,244; May 4.

- Fiber or filament of glass. A. Lamesch. 2,313,296; Mar. 9.
- Fiber producing apparatus. W. E. Neff. 2,325,147; July 27.
- Fiber-rubber composition. W. Scott. 2,330,084; Sept. 21.
- Fiber spinning apparatus. V. Aldaba. 2,330,537; Sept. 28.
- Fiber treatment. W. R. Simpson and H. Howorth. 2,327,068; Dec. 21.
- Fiber units, Making parallel. A. L. Simson. 2,311,704; Feb. 23.
- Fibers, Felting glass. G. Slayter. 2,331,146; Oct. 5.
- Fibers from minerals and like materials. G. von Puzsleszky and H. Steingraeber. 2,331,944; Oct. 19.
- Fibers, Manufacture of staple. P. R. Austin. 2,327,087; Aug. 17.
- Fibers, Manufacture of textile. J. B. Speakman. 2,319,168; May 11.
- Fibers, Testing feltable. H. W. Anway. 2,325,026; July 27.
- Fibers to rubber, Adhering. E. T. Lessig and H. P. Headley. 2,314,998; Mar. 30.
- Fibers, Treatment of casein. K. Börner. 2,335,576; Nov. 30.
- Fibrous cement product, Coated. C. E. Kraus. 2,309,962; Feb. 2.
- Fibrous abrasive wad and producing same, Nonmetallic. C. R. Loeffler. 2,327,199; Aug. 17.
- Fibrous material and making the same, Indurated. A. Elmendorf. 2,312,831; Mar. 2.
- Fibrous material, Method of and apparatus for felting. S. R. Runtion and E. C. Hamson. 2,337,724; Dec. 28.
- Fibrous materials. H. Bestian and M. O. Schürmann. 2,327,760; Aug. 24.
- Fibrous materials and product thereof, Treating. A. Szegvari and A. H. Edkett. 2,335,321; Nov. 30.
- Fibrous materials and the materials obtained thereby, Coloring. H. Bestian, J. Nüsslein and J. Monheim. 2,317,095; Apr. 27.
- Fibrous materials, Impregnated. W. B. McCluer, R. W. Hufferd, and F. J. Philippbar. 2,317,209; Apr. 20.
- Fibrous products, Drying of distended. O. J. Krueger and J. Carello. 2,324,519; July 20.
- Fibrous products, Making a low density water resisting. J. O. Burton. 2,332,369; Oct. 19.
- Fibrous protein material, Hardening. G. S. de Kadt. 2,312,098; Mar. 2.
- Fibrous resinous structures, Fabricating. J. P. Nielsen. 2,328,992; Sept. 7.
- Fibrous sheets, Coating. R. G. Quinn. 2,321,939; June 15.
- Field box. W. P. Browne and A. L. Sheldon. 2,310,063; Feb. 2.
- Fifth wheel mounting. E. P. Kinne. 2,336,939; Dec. 14.
- Filament and the like, Artificial. R. O. Denyes. 2,310,221; Feb. 9.
- Filament, Artificial. R. O. Denyes and B. B. Allen. 2,333,527; Nov. 2.
- Filament-making machine and method. B. W. Kinyon. 2,329,769; Sept. 21.
- Filament mounting machine. J. Flaws, Jr. 2,327,033; Aug. 17.
- Filament sorting apparatus. D. E. Elmendorf. 2,321,191; June 8.
- Filament supply system. W. R. Koch. 2,318,948; May 11.
- Filament, Woollike artificial. G. Bugge. 2,337,969; Dec. 28.
- Filamentary cathode assembly. L. Goodale and L. A. Backer. 2,316,415; Apr. 13.
- Filaments and fibers from viscose, Manufacture of artificial. H. Fintz and G. Flepp. 2,327,518; Aug. 24.
- Filaments around tubes or cylinders, Means for wrapping. W. Bridges. 2,317,250; Apr. 20.
- Filaments delustered with titanium salt, Artificial cellulosic. R. C. Smith. 2,334,358; Nov. 16.
- Filaments, films, and like materials, Production of artificial. H. Dreyfus. 2,318,679; May 11.
- Filaments, foils and like shaped articles, Production of artificial. R. W. Moncrieff and C. W. Sammons. 2,318,704; May 11.
- Filaments, Making. H. Buchsbaum and L. Becker. 2,328,125; Aug. 31.
- Filaments or the like of glass and structures thereof, Method of and apparatus for producing. A. Lamesch. 2,314,944; Mar. 30.
- Filaments or threads, Production of artificial. A. W. Knight. 2,337,664; Dec. 28.
- Filaments, Preparing. L. N. Bent. 2,336,159; Dec. 7.
- Filaments, Repair of broken lighting. G. R. Borden, Jr. 2,328,187; Aug. 31.
- Filaments with liquids, Treatment of. R. F. Stuewer. 2,337,357; Dec. 21.
- File. H. Tubbs. 2,315,749; Apr. 6.
- File, Card index. N. Y. Andersen. 2,326,277; Aug. 10.
- File fastener. R. E. Gooley. 2,336,681; Dec. 14.
- File follower. N. Y. Andersen. 2,312,742; Mar. 2.
- File, Letter. J. M. Hurley. 2,321,652; June 15.
- File, Paper. J. A. Johnson. 2,324,266; July 13.
- File, Record holder. J. E. Schenker. 2,323,245; June 29.
- File, Self-labeling visibly indexed jacket. J. T. Quigley. 2,330,007; Sept. 21.
- File, Vertical paper. C. B. Cooper. 2,333,704; Nov. 9.
- Filing and jig-saw machine. H. Green. 2,333,372; Nov. 2.
- Filing apparatus. R. P. Scholdfeld. 2,316,489; Apr. 13.
- Filing apparatus. R. P. Scholdfeld. 2,332,605-6; Oct. 26.
- Filing box. H. H. Hughes. 2,337,607; Dec. 28.
- Filing cabinet. R. I. Mitchell. 2,334,785; Nov. 23.
- Filing cabinet and desk unit, Combination. J. J. Holleck. 2,331,472; Oct. 12.
- Filing cabinet manufacture and the like, Insulated. C. J. Bates and R. W. Finley. 2,333,511; Nov. 2.
- Filing case. J. J. Seelman. 2,318,890; May 11.
- Filing device. D. A. Brennan. 2,333,615; Nov. 2.
- Filing device. D. A. Brennan. 2,336,061; Dec. 7.
- Filing device. A. N. Hanna. 2,325,317; July 27.
- Filing device. I. J. Reiste. 2,328,741; Sept. 7.
- Filing drawer. R. R. West. 2,312,611; Mar. 2.
- Filing equipment. D. A. Brennan. 2,314,121; Mar. 16.
- Filing equipment. D. A. Brennan. 2,323,448; July 6.
- Filing equipment. E. Kern. 2,337,393; Dec. 21.
- Filing machine. L. F. Glaude. 2,333,169; Nov. 2.
- Filing machine. J. Jesionowski. 2,327,843; Aug. 24.
- Filing system. M. Grunt. 2,326,029; Aug. 3.
- Filing system, Card. J. Luciland. 2,318,489; May 4.
- Filing system, Combined suspension and visible. F. I. Jonas. 2,329,201; Sept. 14.
- Filler. C. M. Williams. 2,326,085; Aug. 3.
- Filler, Barrel. R. C. Corson. 2,316,934; Apr. 20.
- Filler cap or closure. R. G. Dykeman. 2,316,507; Apr. 13.
- Filler charge transfer for cigar machines. S. Clausen. 2,337,514; Dec. 28.
- Filler, Collapsible. P. Zalkind. 2,332,287; Oct. 19.
- Filler composition. H. F. Gardner. 2,322,930; June 29.
- Filler, Gap. A. U. Welch, Jr. 2,312,140; Feb. 23.
- Filler material for paint, rubber, paper, etc. A. R. Lukens. 2,323,550; July 6.
- Filler pipe cap lock. E. M. Miller. 2,308,892; Jan. 19.
- Fillertractor. H. W. Longind. 2,310,450; Feb. 9.
- Filler strip. W. E. Sackner. 2,315,818; Apr. 6.
- Filter valve. H. B. Orndorff. 2,333,036; Oct. 26.
- Filleting machine. W. H. Hunt. 2,325,680; Aug. 3.
- Filling and closing machine. C. T. Walter. 2,324,443; July 13.
- Filling and sealing device. C. T. Walter. 2,319,193; May 11.
- Filling and weighing apparatus, Container. C. T. Walter. 2,319,908; May 25.
- Filling attachment for tractor fuel tanks, Section controlled. A. W. Gustafson. 2,325,074; Aug. 3.
- Filling cup and strainer device. A. A. Arvintz. 2,335,899; Dec. 7.
- Filling end parting mechanism. E. C. Nichols. 2,319,181; May 11.
- Filling feeder mechanism. C. D. Brown and R. E. Chard. 2,317,945; Apr. 27.
- Filling limiter. E. Piquerez. 2,326,251; Aug. 10.
- Filling machine. I. Kotcher. 2,330,596; Sept. 28.
- Filling machine. D. M. McBean. 2,315,866; Apr. 6.
- Filling machine. R. J. Stewart and H. H. Franz. 2,329,954; Sept. 21.
- Filling machine. R. B. Stover and C. A. Hoy. 2,328,401; Aug. 31.
- Filling material for incendiary bombs and flares, Preparing. E. F. Fisher. 2,314,614; Mar. 23.
- Filling material, Shoe bottom. G. E. Ehle. 2,317,326; Apr. 20.
- Filling mechanism. W. F. Linstedt. 2,326,302; Aug. 10.
- Filling method. R. B. McKinnis. 2,327,732; Aug. 24.
- Filling valve. C. E. Kerr. 2,307,223; Jan. 5.
- Film. H. D. Minich. 2,307,056; Jan. 5.
- Film. J. E. Snyder. 2,307,081; Jan. 5.
- Film and filament formation. R. F. Conaway. 2,317,131; Apr. 20.
- Film and projecting apparatus, Moving picture. M. Lopez-Henriquez. 2,317,282; Apr. 20.
- Film and sheeting, High speed method of making cellulose organic derivatives. C. R. Fordyce and W. F. Hunter, Jr. 2,319,051-4; May 11.
- Film and sheeting, High speed method of making cellulose organic derivative. C. R. Fordyce and A. J. Gould. 2,319,055; May 11.
- Film and slide projecting apparatus. Y. Stern. 2,317,310; Apr. 20.
- Film, and the like, Thin sheet. L. Eckler. 2,335,746; Nov. 30.
- Film, Antiabrasion coating for photographic. R. H. Talbot. 2,331,746; Oct. 12.
- Film, Antihalation. G. F. Nadeau and A. D. Slack. 2,311,073; Feb. 16.
- Film, Antihalation. G. F. Nadeau and A. D. Slack. 2,326,056-7; Aug. 3.
- Film, Antihalation. G. F. Nadeau, A. D. Slack, and C. J. Smith. 2,333,809; Nov. 9.
- Film, Antistatic, photographic. N. L. Simmons. 2,331,739; Oct. 12.
- Film applying article, Cleaning and antimist. L. L. Jones. 2,333,794; Nov. 9.

- Film change-over warning device. O. V. Stephenson. 2,318,021; May 4.
- Film, Colored cellulose. W. D. White. 2,308,732; Jan. 19.
- Film container for endless films. H. Westerkamp. 2,325,563; July 27.
- Film data selecting and viewing machine. J. W. Bryce. 2,323,372; July 6.
- Film developing apparatus. A. C. Perbal. 2,334,952; Nov. 23.
- Film developing tank. W. B. Moore. 2,327,733; Aug. 24.
- Film drier. F. C. Frey. 2,327,100; Aug. 17.
- Film drier. W. H. Richards. 2,323,934; July 13.
- Film drier cabinet. A. W. Buck. 2,312,986; Mar. 2.
- Film-ejecting storage cabinet. M. K. Gordon, Jr., and A. H. Hobson, Jr. 2,330,173; Sept. 21.
- Film exhibitor, Continuous. D. Heyer. 2,332,717; Oct. 26.
- Film feed, Intermittent. O. W. Githens, G. Kende and E. M. Porter. 2,319,318; May 18.
- Film feeding mechanism for moving picture cameras and projectors. D. B. Meyers. 2,325,335; July 27.
- Film file. W. N. de Sherbinin. 2,311,646; Feb. 23.
- Film file. W. N. de Sherbinin. 2,334,176; Nov. 16.
- Film for box cameras and the like. Rolled color separation. A. Schusterman. 2,332,474; Oct. 19.
- Film forming apparatus. H. E. Van Derhoef. 2,308,034; Jan. 12.
- Film gate for projectors. R. W. Wengel. 2,315,914; Apr. 6.
- Film handling apparatus. W. D. Foster and F. D. Sweet. 2,316,780; Apr. 20.
- Film having a silver sound track. Production of color. J. Eggert and H. F. Nissen. 2,313,632; Mar. 9.
- Film holder. D. Heyer. 2,327,108; Aug. 17.
- Film holder. M. Hiltquist. 2,329,989; Sept. 21.
- Film holder and making the same. M. Knight and J. J. Topfield. 2,330,292; Sept. 28.
- Film holder for motion picture projectors. R. D. Schnoor. 2,307,806; Jan. 12.
- Film inspection and printing system. A. C. Blaney. 2,331,451; Oct. 12.
- Film loading guide for developing tank reels, Detachable. R. E. Wilson. 2,325,823; Aug. 3.
- Film magazine for motion picture cameras. P. Jagust. 2,326,654; Aug. 10.
- Film magazine positioning and ejecting mechanism. P. F. Sperry. 2,322,400; June 22.
- Film, Making stretched. H. J. Osterhof. 2,328,843; Sept. 7.
- Film marking system. W. F. Arndt. 2,310,340; Feb. 9.
- Film measuring apparatus. T. C. Sharp. 2,338,014; Dec. 29.
- Film, Motion picture. I. M. Terwilliger. 2,322,752; June 29.
- Film package. L. Ciringione. 2,335,107; Nov. 23.
- Film, Photographic. M. Gelfand. 2,320,517; June 1.
- Film, Photographic. C. G. Lindquist. 2,322,037; June 15.
- Film, Photographic. G. F. Nadeau and C. B. Starck. 2,331,717; Oct. 12.
- Film reel. J. E. O. Feller. 2,335,179; Nov. 23.
- Film, Rubber hydrohalide. H. D. Minich. 2,334,022; Nov. 9.
- Film scraping device. J. Bolsey. 2,327,860; Aug. 24.
- Film, Shading. R. Tryon and W. B. Hirsh. 2,308,900; Jan. 19.
- Film splicer. J. Bolsey. 2,327,856; Aug. 24.
- Film splicing. A. I. Brodin. 2,318,287; May 4.
- Film splicing device. J. Bolsey. 2,327,861; Aug. 24.
- Film splicing device. W. Geyer. 2,328,447; Aug. 31.
- Film splicing machine. J. Bazell. 2,325,651; Aug. 3.
- Film, Splicing organic plastic. W. L. Woolf. 2,330,855; Oct. 5.
- Film spool holder. M. R. Hutchison, Jr. 2,324,086; July 13.
- Film supports, Manufacture of photographic. G. F. Nadeau and A. J. Gould. 2,327,814; Aug. 24.
- Film synchronizing system. W. M. Dalgleish. 2,308,441; Jan. 12.
- Film threading system. J. Bolsey. 2,327,857; Aug. 24.
- Film transparencies, Storing and projecting. C. Langberg. 2,311,656; Feb. 16.
- Film, Transparent. J. A. Mitchell. 2,307,057; Jan. 5.
- Film treating apparatus. G. C. Beidler. 2,337,864; Dec. 28.
- Film unwinding mechanism. J. J. Hardenberg. 2,311,383; Feb. 16.
- Film viewer. W. Rouma. 2,311,204; Feb. 16.
- Film winding apparatus. J. Mihalyi. 2,336,278; Dec. 7.
- Film winding mechanism. I. Serrurier. 2,325,885; Aug. 3.
- Films, foils, bands and the like from cellulose solutions, Manufacture of. E. Czapke. 2,318,552; May 4.
- Films, Forming water-resistant glue. J. R. Hubbard. 2,334,098; Nov. 9.
- Films, Laminating rubber hydrochloride. J. E. Snyder. 2,331,742; Oct. 12.
- Films on metals, Forming insoluble and adherent, non-metallic. G. Schore. 2,323,424; July 6.
- Films, Treatment of polyamide. G. B. Taylor. 2,321,635; June 15.
- Filter: See—
- Acoustic wave filter. Free flow liquid fuel filter.
- Air filter. Frequency band filter.
- Attachment filter. Magnetic filter.
- Band filter. Mechanical wave filter.
- Cleanable multiple filter. Oil filter.
- Combination milk filter. Porous filter.
- Continuous filter. Rotary vacuum filter.
- Continuous vacuum filter. Ultraviolet filter.
- Dry filter. Water filter.
- Floating oil filter.
- Fluid filter.
- Filter. S. Alsop. 2,313,612; Mar. 9.
- Filter. H.-P. Andrews. 2,332,188; Oct. 19.
- Filter. H. E. Becker. 2,330,945; Oct. 5.
- Filter. R. W. Houtzenroeder. 2,320,725; June 1.
- Filter. M. B. Heftler. 2,322,131; June 15.
- Filter. A. Jacobowitz. 2,328,148; Aug. 31.
- Filter. J. M. Kidd. 2,327,803; Aug. 24.
- Filter. E. L. Oliver. 2,322,586; June 22.
- Filter. W. H. Oliver and M. C. Orswell. 2,317,108; Apr. 20.
- Filter. W. B. Reppmann. 2,330,625; Sept. 28.
- Filter. J. T. Roffy. 2,334,790; Nov. 23.
- Filter. M. Sigmund. 2,322,548; June 22.
- Filter. C. G. Vokes. 2,319,894; May 25.
- Filter. C. V. Walker. 2,334,971; Nov. 23.
- Filter. E. C. Weisgerber. 2,315,681; Apr. 6.
- Filter. L. W. Williams. 2,311,320; Feb. 16.
- Filter. I. Zuckerman. 2,334,802; Nov. 23.
- Filter agitating means and method. C. E. Palmer. 2,309,917; Feb. 2.
- Filter and filtering unit thereof. Liquid. S. B. Wilson. 2,316,206; Apr. 13.
- Filter and filtration. F. L. Re Qua. 2,308,716; Jan. 19.
- Filter and making the same. P. A. Frank. 2,325,386; July 27.
- Filter and making the same. E. C. Sloan and A. H. Eberman. 2,337,574; Dec. 28.
- Filter and pump support. S. Alsop. 2,325,169; July 27.
- Filter and regulator and cutoff device, Combined fuel. J. G. Kosky. A. H. Brodbeck, and E. H. Kahler. 2,327,195; Aug. 17.
- Filter and water purifier. F. Senyal. 2,335,458; Nov. 30.
- Filter apparatus. H. Eickemeyer. 2,328,436; Aug. 31.
- Filter bag attaching means for dust arresting apparatus. R. Ruemelin, Jr., and O. H. Harris. 2,308,310; Jan. 12.
- Filter bed cleaner. C. Lose, Jr. 2,311,594; Feb. 16.
- Filter bed cleaner with connected wash water boxes. C. E. Fraser. 2,315,253; Mar. 30.
- Filter bed cleaner with rotary agitator. C. E. Fraser. 2,315,254; Mar. 30.
- Filter bed cleaning. C. Lose, Jr. 2,327,726; Aug. 24.
- Filter channel scraper. C. E. Fraser. 2,315,252; Mar. 30.
- Filter circuit. R. Lee. 2,308,013; Jan. 12.
- Filter construction. R. D. Pearson. 2,331,856; Oct. 12.
- Filter construction and filtering. E. H. Carruthers and H. T. Moore. 2,324,764; July 20.
- Filter, dehydrator, and indicator, Combined. N. B. Burckness. 2,325,657; Aug. 3.
- Filter disk, Color. M. Cawein. 2,337,736; Dec. 28.
- Filter element. E. C. Walker and F. Buck. 2,337,579; Dec. 28.
- Filter for gas and oil wells. Sand. J. E. Eckel and G. M. McCarty. 2,308,160; Jan. 12.
- Filter for inverted pumps. R. L. Chenault. 2,325,661; Aug. 3.
- Filter for milk or the like. H. Schriever. 2,321,776; June 15.
- Filter for separating solids from liquids. L. H. de Langen. 2,312,999; Mar. 2.
- Filter for suppression of harmonics. J. L. Finch. 2,321,376; June 8.
- Filter housing. J. K. Russell. 2,333,890; Nov. 9.
- Filter leaf. L. D. Mills, T. B. Crowe, and R. E. Byler. 2,336,115; Dec. 7.
- Filter material. W. Harz, H. Rein, E. Hubert, and C. Kayser. 2,324,838; July 20.
- Filter mechanism. L. H. Latta. 2,331,332; Oct. 12.
- Filter mount for photographic cameras. H. T. Olson. 2,315,981; Apr. 6.
- Filter pack. W. Kasten. 2,327,648; Aug. 24.
- Filter paper and its manufacture and use. L. A. McIntock. 2,314,548; Mar. 23.
- Filter powder. O. Fitz Simons and R. G. Capell. 2,315,410; Mar. 30.
- Filter replacement unit. J. D. Wicks. 2,334,664; Nov. 16.
- Filter system and apparatus. H. Eickemeyer. 2,322,428; June 22.
- Filter tank and agitator thereof. Rotary. C. B. Bowman. 2,312,620; Mar. 2.
- Filter treatment. C. I. Haney. 2,330,211; Sept. 28.
- Filtering and sterilizing apparatus for water. C. A. Carrington. 2,311,519; Feb. 16.
- Filtering apparatus. H. F. Jordan and G. E. Shriver. 2,332,917; Oct. 26.
- Filtering apparatus. H. H. Moreton. 2,326,484; Aug. 10.
- Filtering strainer. L. J. Hois. 2,313,237; Mar. 9.

- Filtering system, Metallographic. H. C. Morgan. 2,318,705; May 11.
- Filters, Manufacture of air. A. J. J. Poelman. 2,326,967; Aug. 17.
- Filtration, W. Kiersted, Jr. 2,335,122; Nov. 30.
- Pin construction. C. E. Lucke. 2,330,065; Sept. 21.
- Finning. A. W. Gay. 2,327,259; Aug. 17.
- Finning. W. van Amerongen and J. N. Boyce. 2,326,418; Aug. 10.
- Fins for radiator tubes, Applying. A. O. Pedersen. 2,307,353; Jan. 5.
- Finder, Bolt length. W. L. Burkhard. 2,336,594; Dec. 17.
- Finder, Decimal. C. L. Dickson. 2,328,066; Sept. 7.
- Finder for photographic purposes. H. Sauer. 2,317,809-10; Apr. 27.
- Finder, Radio compass direction. S. Di Renzo. 2,326,337; Aug. 10.
- Finder, Radio Direction. M. G. Limb. 2,328,024; Aug. 31.
- Finder and tip, Detector. A. Cederlund. 2,322,828; June 29.
- Fingernail guard. A. C. Ibarra. 2,337,244; Dec. 21.
- Fingerprinting. C. P. Curry. 2,313,897; Mar. 16.
- Finger ring. W. R. Rowan. 2,309,511; Jan. 26.
- Finger sponge device. N. Mandalon. 2,313,563; Mar. 9.
- Finger sponge device. N. Mandalon. 2,316,875; Apr. 20.
- Finish for apparatus cases, Insulating. J. R. Bardsley. 2,321,727; June 15.
- Finishes, Producing irregular. H. A. Toulmin, Jr. 2,322,031; Oct. 19.
- Finishing and polishing equipment. C. J. Lippold. 2,322,459; June 22.
- Finishing cloth, Machine for. T. T. Clark, J. W. Stanley, and E. F. Hayes. 2,335,915; Dec. 7.
- Finishing machine, Grade. D. M. Manning. 2,314,888; Mar. 30.
- Finishing piece goods. S. L. Bass and A. A. Lawrence. 2,326,605; Aug. 10.
- Finishing stone. F. H. Kemp. 2,328,459; Aug. 31.
- Fire alarm apparatus. J. J. Bliss. 2,317,024; Apr. 20.
- Fire alarm device. C. Campedono. 2,308,911; Jan. 19.
- Fire alarm gong apparatus. J. M. McGuinness. 2,318,005; May 4.
- Firearm. G. N. Albree. 2,337,145; Dec. 21.
- Firearm. A. E. Buchanan, Jr. 2,331,372; Oct. 12.
- Firearm. R. E. Clarkson. 2,320,348; June 1.
- Firearm. R. A. A. Hentschel. 2,324,775; July 20.
- Firearm. O. Hirsand. 2,310,238; Feb. 9.
- Firearm. E. and P. K. Janacek. 2,315,207; Mar. 30.
- Firearm. E. I. Kelsey. 2,331,400; Oct. 12.
- Firearm. C. C. Loomis. 2,331,405; Oct. 12.
- Firearm. H. F. Mossberg. 2,335,690; Nov. 30.
- Firearm. P. H. D. Rehnberg. 2,331,247; Oct. 12.
- Firearm. E. G. Reising. 2,317,641; Apr. 27.
- Firearm. O. F. Van Horn and J. D. Whitaker. 2,324,125; July 13.
- Firearm. D. M. Williams. 2,336,146; Dec. 7.
- Firearm action. J. D. Buchanan. 2,324,674; July 20.
- Firearm and ammunition therefor. G. Tanschek. 2,313,030; Mar. 2.
- Firearm, Automatic or repeating. P. de Kiraly and J. Kucher. 2,325,484; July 27.
- Firearm, Bolt-action. C. G. Swebilus. 2,334,798; Nov. 23.
- Firearm bolt stop. G. Hammond. 2,325,395; July 27.
- Firearm, Breakdown. W. C. Roemer. 2,333,043; Oct. 26.
- Firearm construction, Automatic. D. M. Williams. 2,308,257; Jan. 12.
- Firearm construction, Bolt-action. F. F. Burton. 2,337,150; Dec. 21.
- Firearm lock. C. Parker. 2,327,334; Aug. 17.
- Firearm, Recoil-operated self-loading. C. G. Swebilus. 2,328,108; Aug. 31.
- Firearm, Repeating. F. L. Humeston. 2,308,283; Jan. 12.
- Firearm, Self-loading. W. C. Roemer. 2,333,677; Nov. 9.
- Firearm sight. K. J. Lowe. 2,336,108; Dec. 7.
- Firearm, Takedown. D. M. Williams. 2,336,431; Dec. 7.
- Firearm with sling strap. E. Pugsley and F. L. Humeston. 2,335,357; Nov. 30.
- Firearms, Firing mechanism for automatic. F. T. Moore. 2,335,688; Nov. 30.
- Firebox and combustion chamber construction. H. A. Laccorda. 2,335,152; Nov. 23.
- Firebox equipment, Locomotive. C. A. Siegel. 2,336,576; Dec. 14.
- Firecheck. F. O. Hess. 2,332,380; Oct. 19.
- Fire control apparatus. P. C. Smith. 2,324,330; July 13.
- Fire control device. G. Lénin. 2,314,860; Mar. 23.
- Fire control instrument. F. Kowalski, Jr. 2,331,918; Oct. 19.
- Fire control system. G. M. Taylor, L. R. Bradshaw and S. G. Green. 2,317,419; Apr. 27.
- Fire control system for ventilating or air conditioning systems, Automatic. P. M. Farmer, F. C. Evans, and R. F. Spamer. 2,311,374; Feb. 16.
- Fire detecting and extinguishing system. H. E. Heigis. 2,328,014; Aug. 31.
- Fire door. P. H. Routledge. 2,323,845; July 6.
- Fire escape. P. L. Newbold. 2,310,705; Feb. 9.
- Fire escape attachment for ladders. G. Naab. 2,313,958; Mar. 16.
- Fire escape, Portable. E. T. Willey. 2,323,883; July 13.
- Fire extinguisher. H. L. Nelson. 2,320,552; Sept. 14.
- Fire extinguisher. J. W. Wright. 2,321,538; June 8.
- Fire extinguisher. J. W. Wright. 2,330,940; Oct. 5.
- Fire extinguisher construction. C. K. Huthsing. 2,326,861; Aug. 17.
- Fire extinguisher, Foam-type. C. B. White. 2,308,845; Jan. 19.
- Fire extinguisher means. D. M. Myers. 2,325,625; Aug. 3.
- Fire extinguishing. F. H. Steinicke. 2,311,884; Feb. 23.
- Fire extinguishing apparatus. M. E. Keefe, Jr. 2,328,345; Aug. 31.
- Fire extinguishing apparatus. H. C. Kendall and H. G. Freeman. 2,327,528; Aug. 24.
- Fire extinguishing apparatus. E. A. Lowe. 2,334,826; Nov. 23.
- Fire extinguishing apparatus. C. F. Yost. 2,325,355; July 27.
- Fire extinguishing composition of matter. E. W. Hanks. 2,322,781; June 29.
- Fire extinguishing method and apparatus. H. V. Wil-Hamson and W. F. Mitchellree. 2,322,758; June 29.
- Fire extinguishing method and means. G. Schaaf. 2,330,552; Feb. 9.
- Fire extinguishing system. C. H. Lindsay. 2,311,844; Feb. 23.
- Fire hose washer. R. L. Cotton. 2,320,173; May 25.
- Fireplace construction. L. L. Dollinger. 2,331,178; Oct. 5.
- Fireplace furnace. H. L. Hardeman. 2,322,016; June 15.
- Fireplace, Outdoor. H. D. Carey. 2,311,366; Feb. 16.
- Fireplace screen. P. Adams. 2,313,496; Mar. 9.
- Fireplace screen. V. R. Cramer. 2,307,570; Jan. 5.
- Fireplace structure and damper. A. P. Robinson. 2,312,000; Feb. 23.
- Fire prevention device for aeroplanes. A. A. Erlsson. 2,331,017; Oct. 5.
- Fireproof shipping container. J. Cage. 2,322,345; June 29.
- Fireproofing composition. M. Leatherman. 2,326,233; Aug. 10.
- Fire starter. E. R. Coker. 2,319,721; May 18.
- Fire not carrying case and heater. S. T. Howard. 2,331,913; Oct. 19.
- Firing apparatus for gun perforators. J. C. Stick, Jr. 2,331,058; Oct. 5.
- Firing attachment for gas operated guns, Blank ammunition. J. C. Garand. 2,330,210; Sept. 28.
- Firing mechanism. N. K. Turnbull. 2,331,942; Oct. 19.
- Firing mechanism for gun perforators. L. Spencer. 2,336,812; Dec. 11.
- Fish and fish liver oils, Purifying. J. G. Blaso. 2,311,633; Feb. 23.
- Fish bag. M. Parkas. 2,323,318; July 6.
- Fish, Filleting. W. Hutton. 2,311,176; Feb. 16.
- Fish grapple. E. H. Lange. 2,311,401; Feb. 16.
- Fish handling and sealing clamp. A. S. Halslip. 2,312,160; Feb. 23.
- Fishhook. M. S. and B. C. Dunkelberger. 2,334,613; Nov. 16.
- Fishhook. J. Helfenstein. 2,323,656; July 6.
- Fishhook. T. K. Wilson. 2,315,307; Mar. 30.
- Fish hook and lure keeper. J. L. Wilburn. 2,332,036; Oct. 19.
- Fishhook, Combination. J. Helfenstein. 2,325,247; July 27.
- Fishhook, Safety. A. B. Freeman. 2,317,900; Apr. 27.
- Fish line float. G. L. Kohn. 2,316,256; Apr. 13.
- Fish line floating solution. F. R. Elias. 2,309,652; Jan. 19.
- Fishline package. W. J. Hamburger. 2,312,899; Mar. 2.
- Fishline sinker. L. F. Baker. 2,308,238; Jan. 12.
- Fish lure. L. D. Adam. 2,307,478; Jan. 5.
- Fish lure. W. G. Burns. 2,325,107; July 27.
- Fish lure. A. S. Clarke. 2,316,048; Apr. 6.
- Fish lure. S. F. Davenport. 2,315,247; Mar. 30.
- Fish lure. J. W. Harvey. 2,309,902; Feb. 2.
- Fish lure. V. Lehto. 2,317,781; Apr. 27.
- Fish lure. W. C. Miles. 2,333,484; Nov. 2.
- Fish lure. R. E. Nungesser. 2,313,572; Mar. 9.
- Fish lure. W. K. Upperman. 2,315,304; Mar. 30.
- Fish lure and making same. R. A. Mabce. 2,309,521; Jan. 26.
- Fish lure, Weed guarded. C. Heddon. 2,307,836; Jan. 12.
- Fish lure, Weed guarded. C. Heddon. 2,333,174; Nov. 2.
- Fish lure, Weed guarded. J. McArthur. 2,315,440; Mar. 30.
- Fish lure, Weedless. E. A. Richardson. 2,332,400; Oct. 19.
- Fish lures, Swivel assembly for. O. F. Cullerton. 2,307,200; Jan. 5.
- Fish net mounting. A. T. Riedi. 2,314,633; Mar. 23.
- Fishpole holder. L. Snider. 2,326,695; Aug. 10.
- Fish race apparatus. I. I. Levenstein. 2,330,899; Oct. 5.
- Fish reduction process. G. R. Henshall. 2,309,392; Jan. 26.
- Fish reel. G. O. Benson. 2,333,632; Nov. 9.
- Fish scaling device. C. Schirmer. 2,323,101; June 29.
- Fish screen. C. N. Greer. 2,324,296; July 13.

- Fish screen. K. E. Morton. 2,309,472; Jan. 26.
 Fish segregating, sizing and directing apparatus. A. R. Christiansen. 2,314,479; Mar. 23.
 Fish stop. R. Roberts. 2,328,297; Aug. 31.
 Fish stringer. A. F. Flournoy. 2,316,511; Apr. 13.
 Fishing accessory. S. Mayer. 2,328,915; Sept. 7.
 Fishing bait or lure. M. S. Dunkelberger. 2,313,709; Mar. 9.
 Fishing device. P. G. Henderson and C. E. P. Jeffreys. 2,329,117; Sept. 7.
 Fishing device, Combination. R. C. Douglas and A. C. Wiebold. 2,331,665; Oct. 12.
 Fishing float. K. C. Croft. 2,315,048; Mar. 30.
 Fishing fly or lure, Detachable. G. R. Austad. 2,315,575; Apr. 6.
 Fishing hook. J. Helfenstein. 2,311,832; Feb. 23.
 Fishing line attachment. R. B. Worden. 2,326,510; Aug. 10.
 Fishing line retriever. E. R. Bray. 2,316,500; Apr. 13.
 Fishing lure. J. R. Rigandi. 2,330,517; Sept. 28.
 Fishing lure. F. D. Sweeney. 2,314,907; Mar. 30.
 Fishing pole, Guides joined cane. R. C. Price. 2,331,646; Nov. 16.
 Fishing reel. B. Bannister. 2,329,381; Sept. 14.
 Fishing reel. F. H. Boor. 2,332,481; Oct. 19.
 Fishing reel. F. Burdick. 2,316,314; Apr. 13.
 Fishing reel. F. Burdick. 2,321,650; June 15.
 Fishing reel. F. Burdick. 2,334,244; Nov. 16.
 Fishing reel. J. A. Cox. 2,329,982; Sept. 21.
 Fishing reel. J. A. Cox and R. P. McMahon. 2,314,032; Mar. 16.
 Fishing reel. P. E. Gaire. 2,314,616; Mar. 23.
 Fishing reel. A. G. Garzo. 2,313,470; Mar. 9.
 Fishing reel. R. I. Geiger. 2,335,732; Nov. 30.
 Fishing reel. C. E. Hill. 2,326,645; Aug. 10.
 Fishing reel. J. W. Jicha. 2,327,431; Aug. 24.
 Fishing reel. C. Kachel. 2,321,820; June 15.
 Fishing reel. G. A. Kreh. 2,325,861; Aug. 3.
 Fishing reel. J. D. Kreis. 2,336,737; Dec. 14.
 Fishing reel. G. G. Lundblad. 2,331,210; Oct. 5.
 Fishing reel. H. F. Maynes. 2,331,919; Oct. 19.
 Fishing reel. N. A. Nelson. 2,312,576; Mar. 2.
 Fishing reel. C. E. Sanborn. 2,310,654; Feb. 9.
 Fishing reel. W. I. Treadwell. 2,331,249; Oct. 5.
 Fishing reel arbor. E. D. Clickner. 2,336,981; Dec. 14.
 Fishing reel mounting. R. E. Wilson. 2,325,457; July 27.
 Fishing reel spool. L. V. Whistler. 2,309,146; Jan. 26.
 Fishing reel spool mounting. E. D. Clickner. 2,331,767; Oct. 12.
 Fishing rod. V. B. Nelson. 2,315,539; Apr. 6.
 Fishing rod and reel. W. Teitama. 2,327,469; Aug. 24.
 Fishing rod holder. H. W. Cannon, Jr. 2,312,957; Mar. 2.
 Fishing rod holder. A. C. Gaskill. 2,311,823; Feb. 23.
 Fishing rod holder. M. A. White. 2,314,747; Mar. 23.
 Fishing tackle. K. A. McDowell. 2,323,096; June 29.
 Fishing tackle. F. Stogermayr. 2,315,295; Mar. 30.
 Fishing tackle box. E. H. Powell. 2,337,073; Jan. 5.
 Fishing tool. G. A. Lowrey. 2,333,802; Nov. 9.
 Fitting construction for tanks. F. J. Peppersack. 2,321,417; June 8.
 Fitting for deck openings, Reinforcing. H. B. Maris and J. A. Sanderson. 2,333,112; Nov. 2.
 Fitting for doors. K. A. Miller and M. M. Eakins. 2,317,931; Apr. 27.
 Fitting for flexible hose. End. E. C. S. Clench. 2,319,589; May 18.
 Fitting for flexible hose, End. M. Hattan and G. F. Schauer. 2,329,198; Sept. 14.
 Fitting for openings in the walls of liquid containers. J. M. Langford. 2,336,552; Dec. 14.
 Fitting for paint containers and the like, Pouring. Z. B. Andrews. 2,323,964; July 13.
 Fitting for stratosphere suits. J. C. Crowley. 2,307,393; Jan. 5.
 Fitting, Replaceable. C. W. Hansell. 2,315,897; Apr. 6.
 Fitting shoes to feet. D. F. Hyland, J. C. Stiles, H. L. Brenner, and J. Brenner. 2,323,539; July 6.
 Fitting, Silo door. F. J. and L. J. Van Cott. 2,326,583; Aug. 10.
 Fitting, Waste. W. H. Wood. 2,329,368; Sept. 14.
 Fixation process. A. A. Horvath. 2,322,516; June 22.
 Fixing solution, Differential. W. T. Hanson, Jr. 2,331,678; Oct. 12.
 Fixture and mounting bracket therefor. W. A. Kendall. 2,330,591; Sept. 28.
 Fixture, Assembling and testing. W. J. Lammerding. 2,323,057; June 29.
 Fixture, Bathroom. G. Tillman. 2,319,017; May 11.
 Fixture, Center sill turnover. A. H. Hartwig. 2,320,079; May 27.
 Fixture, for relocking or wedging lasts. G. Clausen. 2,329,334; Sept. 14.
 Fixture, Lighting. M. M. Dunbar. 2,336,599; Dec. 14.
 Fixture, Lighting. E. F. Guth. 2,319,732; May 18.
 Fixture, Lighting. L. Schepmoes. 2,337,685; Dec. 28.
 Fixture mounting. A. B. Winters. 2,319,175; May 11.
 Fixture, Safety-type lighting. H. J. Claspay. 2,333,918; Nov. 9.
 Flag holder. C. H. Forbell. 2,332,997; Oct. 26.
 Flag holder for automobiles. A. Winsick. 2,332,286; Oct. 19.
 Flag mounting. D. Snyder. 2,322,891; June 29.
 Flagstaff and flag storage compartment, Combined. K. H. Nelson. 2,327,056; Aug. 17.
 Flame throwing equipment. W. C. Graham. 2,331,388; Oct. 12.
 Flanged elements, Making. F. M. Smith. 2,324,435; July 13.
 Flanged tubing, Making. R. M. Rogers and P. D. Hileman. 2,328,742; Sept. 7.
 Flanging tool. A. F. Nordgren. 2,337,342; Dec. 21.
 Flap control for airplanes, Automatic. E. Gast. 2,316,235; Apr. 13.
 Flap gate. C. S. Brown. 2,328,419; Aug. 31.
 Flap splitting machine. J. S. Kamborian. 2,323,915; July 13.
 Flare. A. G. Venn. 2,322,329; June 22.
 Flare, Aerial. L. C. Sheldon. 2,321,886; June 15.
 Flare holder. A. T. Bovio. 2,322,725; June 22.
 Flare indicator. F. F. Fisher and C. T. Heilborn. 2,327,254; Aug. 17.
 Flare mounting. R. F. Hutt. 2,308,366; Jan. 12.
 Flaring and swedging tool. E. E. Kellems. 2,314,221; Mar. 19.
 Flash hider for automatic weapons. A. M. Jackson. 2,322,806; June 29.
 Flash lamp. L. F. Anderson. 2,335,724-5; Nov. 30.
 Flash lamp. J. H. de Boer. 2,325,667; Aug. 3.
 Flash lamp. E. Lemmers. 2,316,344; Apr. 13.
 Flash lamp. J. H. Oram. 2,334,155; Nov. 9.
 Flash lamp safety mechanism for photographic cameras. J. Mihalyi. 2,336,277; Dec. 7.
 Flash lamp socket, Rapid-change. J. Mihalyi. 2,308,016; Jan. 12.
 Flasher switch. C. Adler, Jr. 2,311,921; Feb. 23.
 Flashing and jacket for vent pipes. P. S. Hauser. 2,307,269; Jan. 5.
 Flashlight. F. J. Berlinger. 2,312,305; Mar. 2.
 Flashlight. F. J. Braum. 2,330,673; Sept. 28.
 Flashlight. O. T. Wood. 2,309,687; Feb. 2.
 Flashlight. O. T. Wood. 2,338,078; Dec. 28.
 Flashlight and testing device, Combination. W. E. Woodington. 2,324,661; July 20.
 Flashlight attachment. F. M. New. 2,313,356; Mar. 9.
 Flashlight device. S. Ivanowicz. 2,311,439; Feb. 16.
 Flashlight lamp. J. A. M. Van Lierp. 2,315,099; Mar. 30.
 Flashlight, Pencil type. E. Eichenberger. 2,326,343; Aug. 10.
 Flashlight, Pocket. L. J. Lockwood. 2,329,063; Sept. 7.
 Flashlight, Pocket. E. Zdzansky. 2,312,463; Mar. 2.
 Flashlight switch. H. Korgand. 2,309,402; Jan. 26.
 Flashlight synchronizing apparatus. J. W. Gillon and J. C. Hollister. 2,324,075; July 13.
 Flashlight, synchronizing device. E. V. Soreny. 2,322,067; June 15.
 Flash powder and preparation. C. A. Nickle. 2,316,358; Apr. 13.
 Flask, Dental. S. E. MacDougall. 2,328,285; Aug. 31.
 Flask, Dental vulcanizing. E. Wessinger. 2,326,271; Aug. 10.
 Flask, Transfer. D. S. Binnington. 2,308,325; Jan. 12.
 Flat belt. A. C. Bass. 2,332,495; Oct. 26.
 Flatiron. A. M. Dickie. 2,325,377; July 27.
 Flatiron. E. G. Lofgren. 2,332,468; Oct. 19.
 Flatiron base. C. R. Talmage. 2,333,162; June 29.
 Flatiron cord support. J. C. Fagan. 2,332,374; Oct. 19.
 Flatiron holder. A. P. Smith. 2,311,974; Feb. 23.
 Flatiron rest. T. J. O'Connor. 2,332,745; Oct. 26.
 Flatiron stand. F. E. Wolcott. 2,315,474; Mar. 30.
 Flatiron support. J. Haykin. 2,328,718; Sept. 7.
 Flatiron supporting mechanism. E. C. Reid. 2,308,106; Jan. 12.
 Flatiron supporting mechanism. R. O. Stevenson. 2,308,125; Jan. 12.
 Flatiron supporting mechanism. R. O. Stevenson. 2,308,941; Jan. 19.
 Flat knitting machine. H. K. West. 2,331,528; Oct. 12.
 Flat offset gauge. E. Ernst. 2,326,449; Aug. 10.
 Flat sheet delivery for printing presses. H. J. Luehrs. 2,332,863; Oct. 26.
 Flat strips, Rolling of. D. A. Eberhardt. 2,310,356; Feb. 9.
 Flat-top slush pump valve. R. E. White, W. E. Lijestrand, and A. S. Volpin. 2,316,480; Apr. 13.
 Flaw detecting apparatus. W. C. Barnes. 2,337,148; Dec. 21.
 Flaw detecting apparatus. W. C. Barnes and H. W. Keevil. 2,333,086; Nov. 2.
 Flexible connector. D. W. Fentress. 2,337,038; Dec. 21.
 Flexible coupling. I. S. Brumagin. 2,326,201; Aug. 10.
 Flexible coupling. F. E. Cerisano. 2,335,170; Nov. 23.
 Flexible coupling. T. L. Fawick. 2,326,451; Aug. 10.
 Flexible coupling. S. Jencick. 2,308,881; Jan. 19.
 Flexible coupling. W. C. Tyler. 2,310,329; Feb. 9.
 Flexible handle for tools. W. T. Arrowood. 2,337,440; Dec. 21.
 Flexible hard surface coverings and apparatus therefor, Making. V. Spencer. 2,326,105; Aug. 3.
 Flexible hose coupling. W. A. Melsom. 2,314,890; Mar. 30.
 Flexible insulating material. L. R. Hill. 2,320,866; June 1.

- Flexible joint. S. H. Brooks. 2,324,062; July 13.
 Flexible pipe joint. F. M. Allen and C. B. Taylor. 2,317,137; Sept. 25.
 Flexible pocket receptacle. D. J. Broughton. 2,337,967; Dec. 28.
 Flexible pocket receptacle. W. R. Buxton. 2,319,110; May 11.
 Flexible shaft coupling. P. M. Griffin. 2,333,858; Nov. 9.
 Flexible support. J. M. Tyler. 2,317,500; Apr. 27.
 Flexible transparent sheet material. G. L. Dorough and G. H. Latham. 2,332,373; Oct. 19.
 Flexible tubing fastener. H. A. Porter. 2,335,883; Dec. 7.
 Filler frame structure. T. L. McGovern. 2,322,125; June 15.
 Flight attachment. C. C. Ottoson. 2,313,259; Mar. 9.
 Flight indicator. L. F. Carter. 2,323,897; July 13.
 Flight level indicator. R. W. Knight. 2,328,559; Sept. 7.
 Flight mounting. L. G. Kurtz and C. C. Ottoson. 2,307,139; Jan. 5.
 Flight trainer, Synthetic. E. O. Carmody. 2,331,303; Oct. 12.
 Flight training device, Elementary. C. W. Soule. 2,312,370; Apr. 23.
 Float. E. E. Brockell. 2,322,515; June 29.
 Float. A. Perri. 2,332,009; Oct. 19.
 Float controlled switch. C. R. Graves and A. J. Mickelson. 2,335,055; Nov. 23.
 Float, Electric fishing. C. E. Good. 2,334,819; Nov. 23.
 Float, Fishing. M. M. Penley. 2,315,322; Mar. 30.
 Float, Fishing. A. Kurtz. 2,332,231; June 22.
 Float, Fishing tackle. J. M. Hixon. 2,327,789; Aug. 24.
 Float for an aircraft. E. B. Marple. 2,317,285; Apr. 29.
 Float valve. S. L. Martin. 2,326,511; Aug. 19.
 Float valve. M. M. Verheid. 2,329,966; Sept. 21.
 Float valve and hummer construction. R. J. Breck. 2,309,643; Jan. 19.
 Floating automatic signaling apparatus. H. G. Lastfeld. 2,323,064; June 29.
 Floating drive mechanism for automobile door windows. D. L. Chandler, F. H. Walker, and G. W. Ewing. 2,336,530; Dec. 14.
 Floating oil filter. W. E. Haselwood. 2,318,220; May 4.
 Floating signal. V. K. L. Conate. 2,328,616; Sept. 7.
 Floating tool holder. J. A. Howard. 2,327,897; Aug. 24.
 Flocculating reagent for aqueous suspension sludges. J. O. Samuel. 2,326,395; Aug. 10.
 Flocculator head. W. S. Bowen. 2,308,353; Jan. 12.
 Flock. Attaching and straightening. G. S. Hiers. 2,328,904; Sept. 7.
 Flock cutter. A. Hauge. 2,310,235; Feb. 9.
 Flock cutting machine. A. Hauge. 2,310,236; Feb. 9.
 Flock finished fabric. R. G. Smith and W. J. Physloc, Jr. 2,308,429; Jan. 12.
 Flock printing. C. L. Mantell. 2,311,850; Feb. 23.
 Flock bleaching process, Multiple. C. G. Ferrari and W. S. Hutchinson. 2,324,203; July 13.
 Floor. Bridge. H. Nagin and L. C. Strickland. 2,319,468; May 18.
 Floor conditioning machine. H. D. Overholser. 2,316,805; Apr. 20.
 Floor construction. A. G. Feldman. 2,310,734; Feb. 9.
 Floor construction. R. Hopewell. 2,328,453; Aug. 31.
 Floor constructions and prefabricated members therefor. P. Goodman. 2,309,359; Jan. 26.
 Floor covering and making the same. S. Caplan. 2,323,118; June 29.
 Floor covering and method of manufacture. H. A. Reinhardt. 2,314,162; Mar. 16.
 Floor covering, Printing. W. B. Frederick and T. J. Kelley. 2,324,573; July 20.
 Floor coverings or the like, Manufacture of. F. W. Gans. 2,324,574; July 20.
 Floor furnace. J. S. Johnson. 2,335,678; Nov. 30.
 Floor furnace. G. A. Kummer. 2,331,201; Oct. 5.
 Floor furnace. R. Martin. 2,324,802; July 20.
 Floor lamp. C. B. Lala. 2,330,061; Sept. 20.
 Floor paving and like composition. W. B. McCluer, R. W. Hufferd, and F. J. Phillippar. 2,337,338; Dec. 21.
 Floor polishing machine. N. N. Okun. 2,318,960; May 11.
 Floor protection for railway cars. G. G. Gilpin. 2,321,547; June 8.
 Floor protection for railway cars. K. F. Nystrom. 2,313,167; Mar. 9.
 Floor rack. S. B. Haseltine. 2,315,202; Mar. 30.
 Floor screen. R. Kahr. 2,324,398; July 13.
 Floor structure for railroad cars. J. Lundvall. 2,320,001; May 25.
 Floor surfacing device, Car. H. H. Talboys. 2,320,161; May 25.
 Floor surfacing machine. E. L. Ballard. 2,323,082; June 29.
 Floor-treating machine. J. A. Backlund. 2,317,843; Apr. 27.
 Floor treating machine. R. K. Lewis. 2,310,302; Feb. 9.
 Floor unit, Preformed. K. E. Crooks. 2,316,671; Apr. 13.
 Flooring. W. W. Donelson and R. L. Ahearn. 2,327,029; Aug. 17.
 Flooring material and floor construction. A. C. Fischer. 2,316,232; Apr. 13.
 Flotation. E. J. Ellis. 2,327,408; Aug. 24.
 Flotation. P. M. Frantz and W. M. Bertholf. 2,311,527; Feb. 16.
 Flotation cell. L. S. Petersen. 2,324,018; July 13.
 Flotation machine. A. W. Fahrenwald. 2,337,806; Dec. 28.
 Flotation of molybdenite. C. Marsh. 2,316,743; Apr. 13.
 Flotation process. J. M. Patek. 2,331,722; Oct. 12.
 Flotation process. N. Welner. 2,329,149; Sept. 7.
 Flotation reagent and process. D. W. Jayne, Jr. 2,330,587; Sept. 28.
 Flotation tank. A. H. Johnson. 2,323,223; June 29.
 Flour, Bleaching. H. McDonald. 2,307,631; Jan. 5.
 Fluorescent lighting equipment. R. Orth. 2,314,420; Mar. 23.
 Flow control device. M. H. Grove and A. U. Bryant. 2,317,576; Apr. 27.
 Flow control device. E. P. Sundholm. 2,311,708; Feb. 23.
 Flow control of fuel. C. E. Mason and R. A. Rockwell. 2,334,679; Nov. 16.
 Flow control system for washing machine. H. C. A. Meyer and A. Erlanger. 2,334,831; Nov. 23.
 Flow control valve. M. H. Grove. 2,310,628; Feb. 9.
 Flow controlled switch. W. C. Rudd. 2,307,304; Jan. 5.
 Flow controlling device for bottles. R. L. Luce. 2,333,325; Nov. 2.
 Flow device, Differential stage lift. A. Boynton. 2,312,315; Mar. 2.
 Flow device, Differential stage lift. A. Boynton. 2,314,569; Mar. 30.
 Flow device, Differential stage lift. A. Boynton. 2,321,003; Jan. 8.
 Flow device, Stage lift. A. Boynton. 2,321,002; June 8.
 Flow device, Stage lift. A. Boynton. 2,323,893; July 13.
 Flow indicating fluid meter. G. K. Porter. 2,333,884; Jan. 9.
 Flow indicator. T. Farwick. 2,311,375; Feb. 16.
 Flow measuring device. A. L. Keeler. 2,312,216; Feb. 23.
 Flowmeter. L. V. Guild. 2,332,850; Oct. 26.
 Flowmeter. C. F. Schorn. 2,325,884; Aug. 3.
 Flow meter. R. W. Shank. 2,329,142; Sept. 7.
 Flowmeter. E. F. Stover. 2,325,714; Aug. 3.
 Flow meter. W. C. Wagner. 2,324,660; July 20.
 Flowmeter. R. T. Zwick. 2,314,752; Mar. 23.
 Flow proportioning device. G. K. Porter. 2,328,029; Aug. 31.
 Flow regulator. E. T. Johnson. 2,312,251; Feb. 23.
 Flow restrictor. M. J. Phillips. 2,307,940; Jan. 12.
 Flow through tubular steam generator. V. Juzi. 2,321,300; June 8.
 Flowing device, tubing, and casing flow. A. Boynton. 2,314,668; Mar. 30.
 Flower holder. C. M. Hamblin. 2,333,561; Nov. 2.
 Flower holder. E. C. Matignon. 2,307,286; Jan. 5.
 Flue door shield. F. W. Hoesel. 2,310,699; Feb. 9.
 Flue heat extractor. J. T. Grotenhouse. 2,311,226; Feb. 16.
 Flue or vent pipe. F. C. Enderle. 2,314,328; Mar. 23.
 Fluid actuated head for abrading elements. H. M. Whittaker. 2,323,433; July 6.
 Fluid actuated rotary tool. F. A. Jimerson. 2,337,897; Dec. 28.
 Fluid actuated tool. R. O. Allen. 2,326,735; Aug. 17.
 Fluid actuated vise. J. T. Obecný. 2,308,099; Jan. 12.
 Fluid actuating pump. W. I. Williams and E. J. Shearer. 2,331,151; Oct. 5.
 Fluid and regenerating the same, Oil base drilling. G. Miller. 2,316,067; Apr. 20.
 Fluid brake. V. F. Lucht. 2,315,531; Apr. 6.
 Fluid brake. L. M. Nay. 2,325,626; Aug. 3.
 Fluid circulation apparatus. J. C. Hobbs. 2,316,765; Apr. 20.
 Fluid composition. L. P. Jehle. 2,318,079; May 4.
 Fluid control, Heat insulating. G. D. Peet. 2,312,282; Feb. 23.
 Fluid container. W. H. Rose. 2,311,578; Feb. 16.
 Fluid container and producing same, Flexible collapsible. A. N. Spánel. 2,323,629; July 6.
 Fluid control apparatus. K. W. Du Bois. 2,333,415; Nov. 2.
 Fluid control device. G. H. Orr. 2,310,309; Feb. 9.
 Fluid control means. E. C. Brisbane and E. E. Hilker. 2,330,468; Sept. 28.
 Fluid control means, Speed responsive. T. B. Tyler. 2,325,814; Aug. 3.
 Fluid control valve. U. G. Densten. 2,313,128; Mar. 9.
 Fluid control valve. E. G. Manly. 2,315,564; Mar. 9.
 Fluid control valve. W. A. Ray. 2,315,460; Mar. 16.
 Fluid control valve. W. A. Ray. 2,317,639; Apr. 27.
 Fluid control valve. W. A. Ray. 2,325,878; Aug. 3.
 Fluid control valve. W. A. Ray. 2,331,503; Oct. 12.
 Fluid controlled transmission. V. F. Stewart. 2,314,253; Mar. 16.
 Fluid cooled electric discharge device. D. D. Hinman. 2,321,678; June 15.
 Fluid coupling. W. A. Eaton. 2,330,413; Sept. 28.
 Fluid coupling. W. A. Eaton and R. H. Casler. 2,335,825; Nov. 30.
 Fluid coupling. R. J. Miller. 2,334,021; Nov. 9.
 Fluid coupling. R. J. Miller. 2,334,573; Nov. 16.

- Fluid coupling. C. A. Neracher, H. F. Patterson, T. Javelli, R. T. Bucy, A. J. Syrovoy and P. Baker. 2,311,958; Feb. 23.
- Fluid coupling. C. A. Neracher and W. T. Dunn. 2,328,393; Aug. 31.
- Fluid coupling. G. R. Pennington. 2,317,217; Apr. 20.
- Fluid coupling. H. J. Williams. 2,335,832; Nov. 30.
- Fluid coupling system. J. J. Schmetzer. 2,335,544; Nov. 30.
- Fluid delivery apparatus. J. Churchward. 2,315,085; Mar. 30.
- Fluid delivery meter. E. Piquerez. 2,326,169; Aug. 10.
- Fluid density indicator. T. V. Moore. 2,332,807; Oct. 26.
- Fluid device. P. I. Schultz. 2,337,573; Dec. 28.
- Fluid discharging apparatus. E. Richard. 2,335,445; Nov. 30.
- Fluid dispenser. H. N. Perelson. 2,326,490; Aug. 10.
- Fluid dispensing apparatus. V. D. Barker. 2,307,911; Jan. 12.
- Fluid dispensing container. H. E. Bulling. 2,313,219; Mar. 9.
- Fluid dispensing device. B. Johnsen. 2,319,867; May 25.
- Fluid dispensing means. R. T. Parker. 2,330,616; Sept. 28.
- Fluid distribution and collection system. G. C. Morgan. 2,313,256; Mar. 9.
- Fluid distribution system. C. Gottwald and W. S. McLeish. 2,330,966; Oct. 5.
- Fluid, Drilling. F. K. Daniel. Re. 2,240,7; Dec. 21.
- Fluid, Drilling. F. K. Daniel. 2,328,426; Aug. 31.
- Fluid drive. R. J. Miller. 2,326,666; Aug. 10.
- Fluid drive. S. N. Silverstone. 2,311,580; Feb. 16.
- Fluid drive clutch. F. W. Headley. 2,313,435; Mar. 9.
- Fluid expelling tire assembly. A. D. Steidinger. 2,323,495; July 6.
- Fluid feeding device. H. L. Baer. 2,310,051; Feb. 2.
- Fluid filter. G. D. Moore. 2,329,356; Sept. 14.
- Fluid flow control. R. W. Olsen. 2,320,194; May 25.
- Fluid flow control device. D. H. Annin. 2,331,291; Oct. 12.
- Fluid flow control valve. W. Greening. 2,333,310; Nov. 2.
- Fluid flow device. J. D. Nixon. 2,323,838; July 6.
- Fluid flow meter mechanism. G. H. Fisher. 2,333,164; Nov. 2.
- Fluid for hydraulic systems. F. E. Dolian. 2,337,650; Dec. 28.
- Fluid fuel burner control system. J. P. Ashcraft. 2,335,471; Nov. 30.
- Fluid heater. T. H. Sherman. 2,335,317; Nov. 30.
- Fluid hoist construction. W. L. Komph, Sr. 2,308,761; Jan. 19.
- Fluid impulse controller. H. Zieholz. 2,330,654; Sept. 28.
- Fluid indicating and control means. L. C. Waterman. 2,309,228; Jan. 26.
- Fluid level indicator. G. P. Withrow. 2,329,502; Sept. 14.
- Fluid lift. S. C. Brady. 2,332,503; Oct. 26.
- Fluid lift valve. M. P. Burke. 2,307,991; Jan. 12.
- Fluid medium distribution system. A. M. Dossy and H. E. Heigis. 2,309,106; Jan. 26.
- Fluid medium distribution system. High pressure. H. E. Heigis and A. Towart, Jr. 2,316,789; Apr. 20.
- Fluid meter. W. H. D. Brouse. 2,317,325; Apr. 20.
- Fluid meter. C. W. Ginter. 2,329,604; Sept. 14.
- Fluid meter. F. V. Mayo and W. H. Misson. 2,315,805; Apr. 6.
- Fluid meter. J. McAfee. 2,325,695; Aug. 3.
- Fluid meter. L. Trager. 2,316,492; Apr. 13.
- Fluid meter. J. C. Woodford and A. G. Muskus. 2,321,785; June 15.
- Fluid mixing device. E. Aghnides. 2,316,832; Apr. 20.
- Fluid mixing valve. C. G. Wall. 2,308,408; Jan. 12.
- Fluid motor. N. M. Couty. 2,336,847; Dec. 14.
- Fluid motor. J. O. Hamren. 2,316,788; Apr. 20.
- Fluid motor. M. Kraut. 2,319,608; May 18.
- Fluid motor. C. L. Martin. 2,314,005; Mar. 16.
- Fluid motor. H. C. Nette and M. L. Taylor. 2,316,356; Apr. 13.
- Fluid motor. H. T. Rogers. 2,321,423; June 8.
- Fluid motor. F. W. Schroeffer. 2,335,362; Nov. 30.
- Fluid motor mechanism. J. C. McCune. 2,332,585; Oct. 26.
- Fluid oil well drilling. J. W. Freeland and H. T. Byck. 2,326,171; Dec. 7.
- Fluid operated apparatus. C. B. Moore. 2,311,853; Feb. 23.
- Fluid operated clutch. H. Nutt and R. L. Smirl. 2,328,091-2; Aug. 31.
- Fluid operated gear shifting mechanism. W. G. Hoelscher. 2,313,438; Mar. 9.
- Fluid operated motor. T. F. Stacy. 2,320,759; June 1.
- Fluid operated motor. T. F. Stacy. 2,335,809; Nov. 30.
- Fluid-operated press. R. A. Cuthbert. 2,335,917; Dec. 7.
- Fluid-operated pump. R. E. Leonard. 2,325,256; July 27.
- Fluid operated pump with built-in governor. C. J. Coberly. 2,311,157; Feb. 16.
- Fluid operator for swinging panels. F. A. Cooley. 2,308,057; Jan. 12.
- Fluid passage swivel joint. A. H. Jung. 2,326,037; Aug. 3.
- Fluid pressure formations. Treatment of. J. J. Grebe and L. C. Chamberlain. 2,321,138; June 8.
- Fluid pressure actuating system. S. Schnell. 2,336,892; Dec. 14.
- Fluid pressure and production capacity of oil wells, Determining. C. P. Walker. 2,320,492; June 1.
- Fluid pressure apparatus. C. I. MacNeil. 2,331,127; Dec. 14.
- Fluid pressure compounding systems, Booster-assisted. S. Schell. 2,322,063; June 15.
- Fluid pressure control mechanism. B. S. Aikman. 2,326,911; Aug. 17.
- Fluid pressure control system. P. Bartlett and L. S. Subber. 2,308,261; Jan. 12.
- Fluid pressure control system. S. Schnell. 2,336,891; Dec. 14.
- Fluid pressure controlling apparatus. L. Sibal. 2,321,631; June 15.
- Fluid pressure device. G. R. Ericson. 2,317,594; Apr. 27.
- Fluid pressure device. C. M. Kendrick. 2,319,238; May 18.
- Fluid pressure device. C. M. Kendrick and I. A. Kazine. 2,319,075; Mar. 9.
- Fluid pressure device. C. M. Kendrick and I. A. Kazine. 2,313,246; Mar. 9.
- Fluid pressure device. W. H. Rea. 2,336,294; Dec. 7.
- Fluid pressure device, Rotary. C. M. Kendrick. 2,335,284; Nov. 30.
- Fluid pressure intensifier. W. R. Tucker and G. A. Waldie. 2,336,446; Dec. 7.
- Fluid pressure mechanism. R. S. Sanford. 2,326,687; Aug. 10.
- Fluid pressure motor. I. E. Coffey. 2,316,316; Apr. 13.
- Fluid-pressure operated mechanism. H. H. Turner. 2,321,264; June 8.
- Fluid pressure operated mechanism for circuit breakers. B. Stegelitz and W. Schreiner. 2,308,214; Jan. 12.
- Fluid pressure producing device. O. H. Fowler. 2,322,009; June 15.
- Fluid pressure producing device. O. H. Fowler. 2,335,748; Nov. 30.
- Fluid pressure producing device. E. F. Loweke. 2,335,069; Nov. 23.
- Fluid pressure producing device. H. C. Swift. 2,311,787; Feb. 23.
- Fluid pressure regulating valve. R. B. Campbell. 2,312,877; Mar. 2.
- Fluid pressure regulator. R. C. Hughes. 2,315,370; Mar. 30.
- Fluid pressure regulator. F. H. Kindl. 2,334,496; Nov. 16.
- Fluid pressure regulator. C. A. Siver. 2,318,721; May 11.
- Fluid pressure system. E. R. Fitch. 2,330,040; Sept. 21.
- Fluid pressure system. E. F. Loweke. 2,314,150; Mar. 16.
- Fluid pressure system. R. M. Nardone. 2,331,133; Oct. 5.
- Fluid pressure system. H. C. Swift. 2,322,071; June 15.
- Fluid pressure system. H. C. Swift. 2,325,284; July 27.
- Fluid propelling apparatus, Screw type. J. T. McIntyre. 2,320,733; June 1.
- Fluid proportioning device. R. M. Potter. 2,310,459; Feb. 9.
- Fluid pump. M. E. Chandler. 2,318,292; May 4.
- Fluid pump. C. C. Farque. 2,331,070; Oct. 5.
- Fluid pump. R. E. Hartline. 2,312,712; Mar. 2.
- Fluid pump. A. G. Schlosser. 2,318,337; May 4.
- Fluid pump and motor mechanism. A. G. Reynolds. 2,312,979; Mar. 2.
- Fluid pump or motor. D. S. Cowherd. 2,312,961; Mar. 2.
- Fluid pump or motor. V. L. Du Bois. 2,311,162; Feb. 16.
- Fluid retaining cup. P. H. Granger. 2,336,090; Dec. 7.
- Fluid-sealing and dust-excluded device for shafts, bearings, and the like. A. Procter. 2,316,713; Apr. 13.
- Fluid sealing device. J. T. Marvin. 2,328,160; Aug. 31.
- Fluid sealing device. O. J. Poupitch. 2,330,742; Sept. 28.
- Fluid segregating apparatus. D. Samiran. 2,311,697; Feb. 23.
- Fluid separator. W. H. Rowand and E. C. Huger. 2,321,628; June 15.
- Fluid substances, Packaging and dispensing. R. Guyer and R. J. Hennessy. 2,307,124; Jan. 5.
- Fluid supply apparatus. E. P. Denigan. 2,331,462; Oct. 12.
- Fluid supply regulator. H. F. Bakewell. 2,327,006; Aug. 17.
- Fluid system. P. R. Loughin. 2,333,110; Nov. 2.
- Fluid translating apparatus. J. G. Ritter. 2,328,296; Aug. 31.
- Fluid transmission. C. R. Bacon. 2,336,055; Dec. 7.
- Fluid system. R. M. Hardgrove. 2,316,764; Apr. 20.
- Fluid system and regulating device therefor. T. A. Baker. 2,314,569; Mar. 23.
- Fluid temperature regulator, Automatic. C. V. Bauman. 2,317,717; Apr. 27.
- Fluid transfer apparatus. W. T. Tabb. 2,318,128; May 4.

- Fluid transmission. C. H. Crabbs. 2,308,440; Jan. 12.
 Fluid transmission. A. W. Kumm. 2,331,075; Oct. 5.
 Fluid transmission. G. Utz. 2,335,091; Nov. 23.
 Fluid transmission and clutch control. A. S. Harlan. 2,307,676; Jan. 5.
 Fluid trapping device. S. Schnell. 2,322,062; June 15.
 Fluid turbine arrangement. Elastic. S. N. Hedman. 2,328,451; Aug. 31.
 Fluid turbine. Elastic. O. A. Wiberg. 2,309,873; Feb. 2.
 Fluid type air coupling. M. F. Powell. 2,333,674; Nov. 9.
 Fluid type inertia device. C. C. Farmer. 2,322,003; June 15.
 Fluid valve. C. H. Roth and J. M. Breth. 2,332,604; Oct. 26.
 Fluid velocity indicator. N. J. Cafarella, Jr. 2,328,546; Sept. 7.
 Fluid well perforator. P. T. Rynum. 2,328,782; Sept. 7.
 Fluid, Well treating. T. J. Stewart. 2,320,673; June 1.
 Fluids. Catalytically treating. J. V. Maranek and L. M. Cooper. 2,330,068; Sept. 21.
 Fluids containing solids. Conveying. G. J. Langmyhr and J. M. Sharp. 2,330,781; Sept. 28.
 Fluids. Contract treatment of. R. C. Lassiter. 2,310,962; Feb. 16.
 Fluids. Detection of salt in drilling. R. W. Stuart. 2,330,394; Sept. 28.
 Fluids. Heater of. M. W. Barnes. 2,330,188; Sept. 28.
 Fluids. Heating of. M. W. Barnes. 2,324,553; July 20.
 Fluids. Heating of. I. Oberstadt. 2,333,331; Nov. 2.
 Fluids. Method and apparatus for determining density of. D. C. Hare. 2,316,239; Apr. 13.
 Fluids. Mixing and distributing. H. Joachim and L. B. Burton. 2,307,569; Jan. 5.
 Fluids. Processing well. G. L. Parkhurst. 2,324,172; July 13.
 Fluids. Treating hydrocarbon. W. J. Sweeney. 2,322,673; June 22.
 Fluids. Treatment of drilling. T. B. Wayne. 2,334,051; Nov. 9.
 Fluorescent and phosphorescent tube. J. B. J. M. Abadie. 2,333,085; Nov. 2.
 Fluorescent bed lamp. J. F. Livers. 2,308,986; Jan. 19.
 Fluorescent device. W. B. Ferris. 2,310,222; May 18.
 Fluorescent lamp. W. Foerste and E. A. Quarrie. 2,317,265; Apr. 20.
 Fluorescent lamp. J. E. Gates. 2,320,424; June 1.
 Fluorescent lamp. A. Jarnolowsky. 2,319,736; May 18.
 Fluorescent lamp. G. T. Schmidding. 2,309,676; Feb. 23.
 Fluorescent lamp. E. H. Whittaker. 2,323,172; June 29.
 Fluorescent lamp fixture. J. H. Kuhns. 2,329,843; Sept. 21.
 Fluorescent lamp fixture. K. R. Scribner. 2,338,077; Dec. 28.
 Fluorescent lamp sockets. Supporting and reinforcing. E. J. Giles and L. R. Nummer. 2,309,182; Jan. 26.
 Fluorescent lamp switch. N. Chrelsteln. 2,320,103; Sept. 7.
 Fluorescent lamp system. High intensity. W. C. Hall, Jr. 2,318,072; May 4.
 Fluorescent light fixture and shade. F. C. Baker. 2,323,002; June 29.
 Fluorescent lighting fixture. P. Zampol. 2,332,039; Oct. 19.
 Fluorescent material. W. A. Roberts. 2,312,265; Feb. 23.
 Fluorescent material. W. A. Roberts. 2,312,268; Feb. 23.
 Fluorescent material. A. Rüttenauer and O. Fritze. 2,316,366; Apr. 13.
 Fluorescent material and making same. W. A. Roberts. 2,312,266; Feb. 23.
 Fluorescent material and making same. Yellow. W. A. Weyl. 2,322,265; June 22.
 Fluorescent material. Making. W. A. Roberts. 2,312,267; Feb. 23.
 Fluorescent materials. Manufacture and use of. H. S. Tasker. 2,336,815; Dec. 14.
 Fluorescent screens. Forming. J. T. Anderson. 2,312,229; Feb. 23.
 Fluorescent screens. Method of and apparatus for removing halo from. C. J. Callick. 2,312,206; Feb. 23.
 Fluorescent tube lighting fixture. M. B. Beck. 2,312,617-8; Mar. 2.
 Fluorescent tube mounting. A. O. Elting. 2,314,038; Mar. 16.
 Fluorine compounds. A. F. Benning and J. D. Park. 2,336,921; Dec. 14.
 Fluorine removal from phosphate liquors. S. C. Ogburn, Jr. 2,312,047; Feb. 23.
 Fluorophenols. Preparation of. C. M. Suter. 2,334,229; Nov. 16.
 Fluoroscope. Daylight. E. E. Williams. 2,319,712; May 18.
 Fluosulphonates. Manufacture of. R. K. Her. 2,312,413; Mar. 2.
 Flush tank. C. P. Bombard. 2,324,756; July 20.
 Flush tank. V. A. Hoffmann. 2,320,132; May 25.
 Flush tank. W. J. Lawler. 2,320,187; May 25.
 Flush tank. A. H. Tow. 2,318,978; May 11.
 Flush tank operating apparatus. B. R. Crampton. 2,320,912; June 1.
 Flush tank silencer. F. Bent. 2,320,906; June 1.
 Flush tank valve. A. N. Asselin. 2,308,347; Jan. 12.
 Flush tank valve. A. R. Rosano. 2,330,925; Oct. 5.
 Flush tank valve seat finishing tool. B. D. Stuvell. 2,337,946; Dec. 28.
 Flush type door handle. C. J. Prepelita. 2,334,580; Nov. 16.
 Flush valve. E. G. Oravec. 2,327,545; Aug. 24.
 Flush valve actuator. J. C. Lingold. 2,308,478; Jan. 12.
 Fluted shank fastener. F. G. Purinton. 2,314,897-8; Mar. 30.
 Flutter and vibration prevention device for control surfaces. P. H. Kemmer. 2,332,516; Oct. 26.
 Flux. J. D. Coleman and C. W. Ewing. 2,322,416; June 22.
 Flux composition. M. A. Miller. 2,330,904; Oct. 5.
 Flux for magnesium and magnesium alloys. P. R. C. Pyle and N. C. Sheppard. 2,311,126; Feb. 16.
 Flux. Welding. M. A. Miller. 2,321,309; June 8.
 Fluxing composition. C. A. Carey. 2,327,958; Aug. 24.
 Fluxing composition. F. J. Dashner. 2,313,736; Mar. 16.
 Fluxing device. J. S. Hunter. 2,313,751; Mar. 16.
 Fly reel. C. L. Quear. 2,328,672; Sept. 7.
 Flytrap. B. H. Floyd. 2,314,931; Mar. 30.
 Fly trap. D. H. Robinson and A. Weil. 2,318,634; May 11.
 Fly tying machine. W. C. Miles. 2,332,655; Oct. 26.
 Flying cutting device. K. W. Hallden. 2,327,106; Aug. 17.
 Flying device. Vertically rising. J. F. and R. H. Hallman. 2,308,916; Jan. 19.
 Fly machine. C. Dornier. 2,311,161; Feb. 16.
 Foam eliminator. W. W. Buckley. 2,335,611; Nov. 30.
 Foam retarding means and method. W. B. Leaf. 2,320,366; June 1.
 Foam stabilizing composition. A. F. Ratzer. 2,324,951; July 20.
 Focal plane shutter for cameras. A. Simmon. 2,315,279; Mar. 30.
 Focus finder for cameras. L. Mills. 2,312,261; Feb. 23.
 Focusing device for roll-film cameras. B. A. Parr. 2,333,737; Nov. 9.
 Fog inhibitor for photographic emulsions. G. E. Fallesen and J. A. Leermakers. 2,313,529; Mar. 9.
 Foil. Coated. E. L. Mack and E. H. Morse. 2,326,955; Aug. 7.
 Foil. Goldbeaters. D. D. Swift. 2,334,230; Nov. 16.
 Foils and tubes. Manufacture of. K. Thinius. 2,326,899; Aug. 17.
 Folder. M. Jenter. 2,314,790; Mar. 23.
 Folder. J. H. Vineberg. 2,336,820; Dec. 14.
 Folder. Bill. H. M. Herbener. 2,315,702; Apr. 6.
 Folder for filling diaphragm disks. Collecting. A. Becker. 2,329,910; Aug. 17.
 Folder. Loose-leaf. W. A. Ringler. 2,329,786; Sept. 21.
 Folder. Pocket display. R. Simon and N. M. Lurralin. 2,329,007; Sept. 7.
 Folders for printing machines. Method and apparatus for feeding webs in. A. Howey. 2,334,674; Nov. 16.
 Folding and feeding stitching device. Combination. B. Fiedler. 2,316,061; Apr. 6.
 Folding bed and tent support. Combination. A. A. Gregg. 2,323,127; June 20.
 Folding box. R. W. Hoag. 2,324,151; July 13.
 Folding box. D. Levkoff. 2,316,261; Apr. 13.
 Folding box. W. E. Stonecypher. 2,319,371; May 18.
 Folding box. W. Trogman. 2,312,507; Mar. 2.
 Folding box. M. Ullman. 2,320,018; May 25.
 Folding box construction. S. M. Libit. 2,335,345; Nov. 30.
 Folding brake. O. G. Lilja. 2,336,105; Dec. 7.
 Folding camera. H. K. Thomas. 2,325,346; July 27.
 Folding chair. C. B. Forsberg. 2,329,923; June 1.
 Folding chair. K. G. Maurer. 2,316,484; Apr. 13.
 Folding crane. R. C. Shoemaker. 2,336,965; Dec. 14.
 Folding double wall box. D. Levkoff. 2,308,818; Jan. 19.
 Folding hoist. Portable. P. Richards. 2,315,873; Apr. 6.
 Folding machine. J. W. Rudolph. 2,311,085; Feb. 16.
 Folding machine. A. F. Shields. 2,336,507; Dec. 14.
 Folding pedal. W. B. Johnson. 2,323,913; July 13.
 Folding pushcart for babies. A. E. Peterson. 2,314,659; Mar. 23.
 Folding seat. F. Dieffenbach. 2,308,496; Jan. 19.
 Folding table. E. L. Schmidt and J. L. Schwabe, Jr. 2,323,423; July 6.
 Folding table. G. T. Stack. 2,321,328; June 8.
 Folding table. J. N. Weber. 2,311,798; Feb. 23.
 Folding table latch. U. K. Johannsen. 2,318,945; May 11.
 Follow-up system. J. M. Boyle. 2,309,094; Jan. 26.
 Food and beverage server. Combined. J. Freud and R. P. Kidston. 2,307,882; Jan. 12.
 Food broiler rack. S. N. Bobo. 2,310,349; Feb. 9.
 Food canning. F. C. Marx. 2,317,470; Apr. 27.
 Food chopper. F. P. Hess. 2,337,604; Dec. 28.
 Food container. S. C. Cunningham. 2,324,137; July 13.
 Food container. C. M. Plochman. 2,310,113; Feb. 2.
 Food cooking device. R. Sardeson. 2,336,640; Dec. 14.
 Food cover. G. E. Conners. 2,307,569; Jan. 5.
 Food dispenser. F. E. Wolcott. 2,330,183; Sept. 21.
 Food juices. Preserving. A. Artinian and C. M. Chapman. 2,314,837; Mar. 23.

- Food materials, Treatment of. M. E. Dunkley. 2,332,850; Nov. 9.
- Food mixer. M. J. Landgraf. 2,309,347; Jan. 26.
- Food mixer. S. N. Satterlund. 2,312,125; Feb. 23.
- Food mixer support. S. Behar. 2,330,860; Oct. 5.
- Food-mixer support. H. B. Fuge. 2,326,966; Aug. 17.
- Food preparator and vending machine. S. F. Lloyd. 2,337,117; Dec. 21.
- Food product and making. W. J. Fitzpatrick and H. H. Wagner. 2,334,401; Nov. 16.
- Food product and making same. C. R. Cooper. 2,331,308; Oct. 12.
- Food products, Diabetic and dietetic. J. Kuderman. 2,311,235; Feb. 16.
- Food products, Freezing. C. Birdseye. 2,332,367; Oct. 19.
- Food products, Method and apparatus for handling and dispensing. H. S. Lee. 2,311,843; Feb. 23.
- Food products, Preparation of precooked. H. F. Bauer and E. F. Glabe. 2,334,059; Nov. 9.
- Food products, Treating. C. Birdseye. 2,318,736; May 11.
- Food service truck. C. M. Drinkwater. 2,319,589; May 18.
- Food storage and display device. E. M. Stiles. 2,333,900; Nov. 9.
- Food treatment and/or storage apparatus. A. R. Denington. 2,315,285; Mar. 30.
- Foods, Dedicating. H. R. Dickinson and H. H. Moreton. 2,324,914; July 20.
- Foods in transit, Preservation of. F. S. Smith. 2,331,147; Oct. 5.
- Foods, nutrients, and like materials, Method and apparatus for the regeneration of preserved. S. Hermann. 2,334,327; Nov. 16.
- Foods, Preserving. D. Benschel. 2,320,982; June 1.
- Foods, Process of conditioning. H. A. Noyes. 2,317,397; Apr. 27.
- Foods, Processing of. H. Bresnick. 2,309,884; Feb. 2.
- Foot arch support. D. Lewy. 2,319,550; May 18.
- Football game device. M. B. Lamar. 2,335,066; Nov. 23.
- Foot bathing device. W. B. Cox. 2,312,542; Mar. 2.
- Foot constructing of full-fashioned hosiery. H. Hemmerich. 2,338,075; Dec. 28.
- Foot contour templates. H. R. Stewart. 2,330,317; Sept. 28.
- Foot corrective device. A. B. Salander. 2,332,473; Oct. 19.
- Foot corrector. H. Golden. 2,313,870; Mar. 16.
- Foot exercising apparatus. K. B. Whitney. 2,311,274; Feb. 16.
- Foot exercising device. A. Vigorith. 2,323,579; July 6.
- Foot Impressions, Making. J. Limmer. 2,333,481; Nov. 2.
- Foot measuring device. E. J. Bliss. 2,332,292; Oct. 19.
- Foot measuring machine. A. D. A. Del Pesco. 2,331,177; Oct. 5.
- Foot mechanism for shoe sewing machines, Presser. O. R. Haas. 2,321,596; June 15.
- Foot modeling device. D. F. Hyland, J. C. Stiles, H. L. and J. Brenner. 2,323,540; July 6.
- Footrest, Adjustable. F. G. Cassens and W. J. Roa. 2,337,220; Dec. 21.
- Footrest, Rocking chair. E. H. Frank. 2,330,064; Oct. 5.
- Foot steering device for outboard motors. L. W. Binger. 2,309,159; Jan. 26.
- Footstool and making same, Stocking. H. M. Grey. 2,333,373; Nov. 2.
- Footwear. H. Feifer. 2,331,768; Oct. 12.
- Footwear. R. A. Parker. 2,311,996; Feb. 23.
- Footwear. M. G. Van Arsdale and M. G. Van Arsdale, Jr. 2,331,659; Nov. 16.
- Footwear. C. O. Walper. 2,331,062; Oct. 5.
- Footwear, Air cooled human. P. Zigliss. 2,320,573; Sept. 14.
- Footwear and the manufacture thereof. R. C. Davies. 2,323,801; July 6.
- Footwear, Fur trimmed. F. F. Olson and S. D. Klyce. 2,328,842; Sept. 7.
- Footwear, Making. A. M. Mondl. 2,329,725; Sept. 21.
- Footwear, Manufacture of. J. E. McDermott. 2,320,282; Sept. 14.
- Footwear, Orthopedic. A. Fisch. 2,307,032; Jan. 5.
- Footwear, Rubber. G. H. Bingham, Jr. 2,317,879-80; Apr. 27.
- Foraminous body and producing the same. R. L. Hartwell. 2,334,263; Nov. 16.
- Force measuring apparatus, Portable. O. S. Carliss. 2,321,662; June 15.
- Force measuring device. A. De Rentils. 2,324,497; July 20.
- Force air heater. E. H. Ryden and F. R. Higley. 2,324,540; July 20.
- Forced vortex balancing apparatus. R. M. Hvid. 2,313,644; Mar. 9.
- Forearm or the like for firearms. B. F. Conner. 2,312,150; Feb. 23.
- Foreign bodies, Utilizing. A. A. De Lormier, L. F. Black, and R. C. Day. 2,329,187; Sept. 14.
- Foretruck, Farm implement. C. W. Michael. 2,332,806; Oct. 26.
- Forged car wheel. R. B. Dimmick. 2,326,127; Aug. 10.
- Forging. C. A. Brauchler. 2,323,972; July 13.
- Forging machine. L. M. Brown. 2,313,722; Mar. 16.
- Forging press. F. C. Biggett, Jr. 2,326,606; Aug. 10.
- Fork. C. O. Hanson. 2,319,986; May 25.
- Fork assembly for cycles, Front. H. L. Kraefft. 2,308,374; Jan. 12.
- Fork for citrus fruits, Holding. R. Polk, Sr., and R. Polk, Jr. 2,312,283; Feb. 23.
- Fork for citrus fruits, Holding. R. Polk, Sr., and R. Polk, Jr. 2,313,714; Mar. 9.
- Fork, Grapple. H. J. Ferris. 2,312,808; Mar. 2.
- Fork, Roasting. W. R. Thompson. 2,315,143; Mar. 30.
- Form clamp. W. H. Jenkins. 2,307,274; Jan. 5.
- Form, Collapsible. H. C. Bostwick. Re. 22,369; Aug. 31.
- Form, Display. P. Cherdakoff. 2,325,173; July 27.
- Form for casting concrete floor beams. B. F. Friberg. 2,318,214; May 4.
- Form for concrete walls, floors or the like. M. Lapidus. 2,317,997; May 4.
- Form for making concrete walls. F. Reiner. 2,332,166; Oct. 19.
- Form for sizing garments, Cleaner's. W. R. Frentzel. 2,326,775; Aug. 17.
- Form generating machine, Automatic. L. M. Taylor. 2,324,546; July 20.
- Form grinding machine. F. A. Ward. 2,329,428; Sept. 14.
- Form issuing machine. E. G. Streckfuss. 2,331,635; Oct. 12.
- Form liner. C. O. Crane and P. J. Mulligan. 2,310,400; Feb. 9.
- Form retainer for shirts and mounting shirts thereon. J. W. Kennedy. 2,321,147; June 8.
- Form, Shoe. B. E. Walstrom. 2,319,650; May 18.
- Form, Uniform cap washing and drying. S. Sugar. 2,316,372; Apr. 13.
- Form wall tying means, Reinforced shield for. S. S. Colt. 2,335,236; Nov. 30.
- Formation of porous rubber products. W. E. Stewart. 2,325,637; Aug. 3.
- Formation tester. L. Spencer. 2,313,369; Mar. 9.
- Formed article manufacture. H. V. Greider and R. A. MacArthur. 2,335,242; Nov. 30.
- Form for paper straining. G. E. Repass. 2,322,731; June 22.
- Forming circuit. H. Waterman. 2,320,495; June 1.
- Forming dams. C. E. Bennett and F. C. Meyer. 2,320,506; June 1.
- Forming dies and the like. A. W. Bull. 2,327,762; Aug. 24.
- Forming equipment, Sheet metal. C. S. Kasper. 2,317,198; Apr. 20.
- Forming heat resistant ferrous alloys. A. T. Cape and A. Gaxiola. 2,319,977; May 25.
- Forming machine. R. S. Turton. 2,310,498; Feb. 9.
- Forming method. F. Hunziker. 2,311,662; Feb. 23.
- Forming press. C. W. Goodwin and H. W. Martin. 2,325,161; July 27.
- Forming tool. C. L. Brackett. 2,337,797; Dec. 28.
- Forms for concrete, Coated wooden. C. L. Atkinson and G. R. Maher. 2,316,752; Apr. 20.
- Formaldehyde addition products and their preparation. J. P. Walker. 2,321,958; June 15.
- Formaldehyde from mixtures containing the same, Removal of. C. S. Marvel. 2,307,937; Jan. 12.
- Formaldehyde, Production of. H. R. Arnold. 2,320,253; May 25.
- Formaldehyde-urea composition containing a hardener. Stable. A. M. Howard and W. C. Dearing. 2,312,214; Feb. 23.
- Formaldehyde-urea composition containing a hardening agent, Stable. W. C. Dearing. 2,312,210; Feb. 23.
- Formals, Preparation of. J. L. Baggett. 2,331,367; Oct. 12.
- Formoguanamines, Preparing. W. N. Oldham. 2,320,882; June 1.
- Foundation, Bee comb. H. C. Dadant and R. A. Grout. 2,325,043; July 27.
- Foundation, Bee comb. H. C. Dadant and R. A. Grout. 2,335,044; Nov. 23.
- Foundation, Comb. H. H. Root and K. Rau. 2,331,231; Oct. 5.
- Foundation piles. T. Collins. 2,332,990; Oct. 26.
- Foundry mold insert and making castings. S. L. Cameron. 2,312,517; Mar. 9.
- Foundry and Reclaiming. W. L. Hartley and D. Whitehead. 2,326,218; Aug. 10.
- Foundry sands, Treating. J. A. Gitzen. 2,330,418; Sept. 28.
- Fountain cleaning device. J. A. Wisner. 2,310,006; Feb. 2.
- Fountain implement. J. H. Bair. 2,328,048; Aug. 31.
- Fountain Ink. H. F. Meyer. 2,328,990; Sept. 7.
- Fountain marking device. J. I. Kingson. 2,320,823; June 1.
- Fountain pen. N. E. Weigel. 2,316,479; Apr. 13.
- Fountain, Poultry. J. L. Pinson. 2,324,020; July 13.
- Fountain, Sanitary drinking. H. A. Mead. 2,320,530; June 1.
- Fountain Soda. H. W. Kleist. 2,327,355; Aug. 24.
- Fourdrinier machine with flexible side rails. S. Milne. 2,336,497; Dec. 14.
- 4-4' derivatives of 2-carboxydiphenyl-sulphones and esters. G. W. Anderson. 2,336,210; Dec. 7.

- 4,4,6 trimethyl-2-thio-tetrahydro-1,3,2-oxazine. H. L. Fisher. 2,326,732; Aug. 10.
- 4,4,6-trimethyl-2-thio-tetrahydro-1,3,2-oxazine and derivatives and preparation thereof. J. B. Dickey and R. A. Corbitt. 2,333,771; Nov. 9.
- 4-substituted-2'-substituted diphenyl sulphone. J. H. Williams. 2,336,145; Dec. 7.
- Fowl picker. F. Hanshaw. 2,314,700; Mar. 23.
- Fractional distillation. G. S. Houghland. 2,327,643; Aug. 24.
- Fractonating apparatus. J. O. Reed. 2,319,365; May 18.
- Fractonation of mixtures of fatty oils and free acids derived therefrom. J. D. Jenkins. 2,320,738; June 1.
- Fracture appliances. H. L. Bissell. 2,325,300; July 27.
- Fracture securing apparatus. H. A. Johnston. 2,327,434; Aug. 24.
- Frame: See—
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| Automobile frame. | Picture frame. |
| Axminster loom tube frame | Quilting frame. |
| Collapsible frame. | Railway motor frame. |
| Derrick frame. | Sewing machine frame. |
| Display frame. | Side wall stack frame. |
| Gluing frame. | Tape selvage frame. |
| Hack saw frame. | Trailer truck frame. |
| Hand weaving frame. | Trial frame. |
| Hydraulic disk frame. | Trunk side frame. |
| Magazine frame. | Vehicle frame. |
| Metallic chair frame. | Weaving frame. |
| Photographic printing frame. | Window screen frame. |
- Frame and sash construction. Window. R. T. Axe. 2,329,238; Sept. 14.
- Frame, Bag. G. S. Merk. 2,326,304; Aug. 10.
- Frame for Cellophane display boxes. Collapsible. N. D. Logan. 2,315,001; Mar. 30.
- Frame for cycles and the like. M. Descos. 2,330,560; Sept. 28.
- Frame for dialyzing apparatus. G. H. Weber. 2,312,915; Feb. 23.
- Frame for fishing reels. W. D. Marr. 2,308,702; Jan. 19.
- Frame for glare shields. S. Murata. 2,323,072; June 29.
- Frame for record sheets. Supporting. B. H. Freedman. 2,312,331; Mar. 2.
- Frame for suspending folders or document containers in drawers and the like. B. B. Posner. 2,336,802; Dec. 14.
- Frame for wall openings. E. P. Miller. 2,326,549; Aug. 10.
- Frame or the like. Assembled picture. W. Zareko. 2,317,708; Apr. 27.
- Frame structure. Folding. R. R. Patterson and A. Trueman. 2,334,435; Nov. 16.
- Frame structure. Stern. C. W. Allen. 2,329,574; Sept. 14.
- Frame, trial. O. W. Boughton and H. F. Kurtz. 2,337,860; Dec. 28.
- Framed screen. H. C. Fosberg. 2,325,500; July 27.
- Frameless insect screen. L. T. Milnor. 2,318,955; May 1.
- Framework. Attaching panels to. E. Schaefer. 2,312,489; Mar. 2.
- Framework, Triangular. C. E. Inglis. 2,329,006; Sept. 21.
- Framing mechanism and shutter compensator. K. Brenkert. Re. 2,224,8; Jan. 12.
- Framing structure and bracket support. Combined. F. Kaulz. 2,326,783; Aug. 17.
- Free flow liquid fuel filter. W. S. Schum. 2,326,691; Aug. 10.
- Free service coin-controlled machine. H. S. Benjamin. 2,310,206; Feb. 9.
- Freezer storage. C. H. Koontz. 2,329,472; Sept. 14.
- Freight car. M. M. Brister. 2,320,216; May 23.
- Freight car. C. S. Johnston. 2,316,696; Apr. 13.
- Freight transfer mechanism. R. W. Scott. 2,327,135; Aug. 17.
- Frequency band filter. H. Salinger. 2,321,521; June 8.
- Frequency bands. Pseudo-extension of. L. A. de Rosa. 2,315,248-9; Mar. 30.
- Frequency changer. Electric valve. E. D. McArthur. 2,319,072; May 11.
- Frequency control. M. G. Crosby. 2,312,079; Feb. 23.
- Frequency control. H. O. Peterson. 2,316,017; Apr. 6.
- Frequency converter. W. W. Moe. 2,316,610; Apr. 13.
- Frequency coupling means. Ultra high. D. G. Burnside. 2,326,519; Aug. 10.
- Frequency discriminator circuit. W. H. Bliss. 2,312,070; Feb. 23.
- Frequency dividing system for electric alternating currents. H. Lauer. 2,331,986; Oct. 19.
- Frequency measuring system. H. O. Peterson and J. B. Atwood. 2,321,315; June 8.
- Frequency meter. I. Wolf. 2,307,316; Jan. 5.
- Frequency modulated carrier wave receiver unit. S. Hunt. 2,337,392; Dec. 21.
- Frequency modulated wave generator. J. A. Rankin. 2,314,161; Mar. 16.
- Frequency modulated waves. Method and apparatus for receiving. C. Travis. 2,332,640; Oct. 26.
- Frequency modulation. M. Artzt. 2,321,269; June 8.
- Frequency modulation. W. S. Percival. 2,312,977; Mar. 2.
- Frequency modulation. G. L. Usselman. 2,326,314; Aug. 10.
- Frequency modulation. E. S. Winlund. 2,316,927; Apr. 20.
- Frequency modulation. E. S. Winlund. 2,331,821; Oct. 12.
- Frequency modulation detection. H. E. Goldstine. 2,334,190; Nov. 16.
- Frequency modulation detector. S. Hunt. 2,316,808; Apr. 20.
- Frequency modulation measurement. H. M. Crosby. Re. 2,328; June 1.
- Frequency modulation radio receivers. C. T. McCoy and P. M. Craig. 2,310,304; Feb. 9.
- Frequency modulation receiver. G. E. Gustafson. 2,310,896; Feb. 9.
- Frequency modulation receiver squelch circuit. D. E. Foster. 2,316,851; Apr. 20.
- Frequency modulation system. J. E. Smith. 2,309,678; Feb. 2.
- Frequency modulation system. W. H. Wirkler. 2,327,382; Aug. 24.
- Frequency modulation tuning indicator. W. L. Carlson. 2,334,473; Nov. 9.
- Frequency modulator. G. L. Usselman. 2,309,083; Jan. 26.
- Frequency modulator. G. L. Usselman. 2,318,979; May 11.
- Frequency monitoring system. H. R. Summerhayes, Jr. 2,309,481; Jan. 26.
- Frequency multiplier. E. G. Linder. 2,307,093; Jan. 5.
- Frequency, or phase, deviation changer circuit. M. G. Crosby. 2,336,926; Dec. 14.
- Frequency regulator. Automatic. W. A. Charbonneaux. 2,316,561; Apr. 13.
- Frequency-responsive network. L. F. Curtis. 2,316,317; Apr. 13.
- Frequency variation compensation circuit. N. Lea. 2,310,707; Feb. 9.
- Frequency variation response circuit. B. Trevor. 2,312,783; Mar. 2.
- Friction absorbing device. W. H. Baselt. 2,329,510; Sept. 14.
- Friction and pin aligning device for writing machines. Combined. J. O. Sherman. 2,311,702; Feb. 23.
- Friction clutch. N. F. Adamson. 2,330,856; Oct. 5.
- Friction clutch. R. A. Carlson. 2,334,382; Nov. 16.
- Friction clutch. D. E. Gamble. 2,319,123; May 11.
- Friction clutch. E. R. Gasser. 2,331,180; Oct. 5.
- Friction clutch. H. Nutt. 2,318,620; May 11.
- Friction clutch. H. V. Reed. 2,321,513; June 8.
- Friction clutch. L. Taylor. 2,322,326; June 22.
- Friction damped engine mount. J. M. Tyler. 2,317,501; Apr. 27.
- Friction device. C. R. Hanna. 2,330,883; Oct. 5.
- Friction device. C. Saurer. 2,308,960; Jan. 19.
- Friction feed. C. G. and E. B. Peterson. 2,317,481; Apr. 27.
- Friction joint. T. O. Rueb. 2,334,039; Nov. 9.
- Friction lighter. J. Edenburg. 2,308,225; Jan. 12.
- Friction members. Method and device for grinding co-operating faces of. J. Cotal. 2,313,804; Mar. 16.
- Friction rings. Making. R. Lapsley and D. S. Dence. 2,319,740; May 18.
- Friction securing device. E. C. Horton. 2,309,613; Jan. 26.
- Friction shock absorbing mechanism. G. E. Dath. 2,326,288; Aug. 10.
- Friction shock absorbing mechanism. G. E. Dath. 2,331,458; Oct. 12.
- Friction shock absorbing mechanism. S. B. Haseltine. 2,333,249; Nov. 2.
- Frings. H. Mehler. 2,316,350; Apr. 13.
- Front end axle and steering assembly. Tandem. A. F. and B. P. Murty. 2,323,669; July 6.
- Froth breaking. P. M. Frantz. 2,317,139; Apr. 20.
- Froth flotation apparatus and treatment. A. C. Daman, L. H. Logue and T. S. Bailey, Jr. 2,316,770; Apr. 20.
- Froth flotation of acidic minerals. L. J. Christmann, D. W. Jayne, Jr., and S. E. Erickson. 2,321,186; June 8.
- Frozen confection mold. W. E. Neilson. 2,312,046; Feb. 23.
- Fruit and berry washing and grading equipment. R. J. Evett. 2,316,159; Apr. 13.
- Fruit and vegetable juices. Packaging. A. E. Stevenson and J. M. Boyd. 2,333,898; Nov. 9.
- Fruit and vegetable juices. Treatment of. R. B. McKinnis. 2,332,098; Oct. 19.
- Fruit bobbing apparatus. R. L. Ewald. 2,321,590; June 15.
- Fruit compositions and preservation. W. R. Johnston, W. B. Stokes, M. H. Kennedy, and C. N. Frey. 2,315,858; Apr. 6.
- Fruit decapper. A. H. Morgan. 2,323,668; July 6.
- Fruit dejuicing apparatus. T. G. Nelson. 2,311,565; Feb. 16.
- Fruit drying machine. T. G. Cuning. 2,315,246; Mar. 30.
- Fruit for market. Preparation of light-colored fresh. C. D. Cothran. 2,329,513; Sept. 14.

- Fruit from decay. Protecting whole. A. F. Kalmar 2,332,151; Oct. 19.
- Fruit halving and pitting. F. C. Silva. 2,313,898; Mar. 16.
- Fruit halving device. F. A. Chekian. 2,317,669; Apr. 27.
- Fruit handling equipment. F. W. Cutler. 2,313,051; Mar. 9.
- Fruit inspecting and trimming table. B. L. Fleming. 2,322,190; June 15.
- Fruit juice extractor. G. O. Brown and A. Vinogradoff. 2,313,938; Mar. 9.
- Fruit juice extractor. W. P. Koch. 2,318,784; May 11.
- Fruit juice machine. W. A. Weightman and W. Hurlman. 2,317,006; Apr. 20.
- Fruit juices, Refining and preserving citrus. W. R. Ketchum. 2,319,994; May 25.
- Fruit marking machine. H. J. Mumma and Z. Leonard. 2,311,563; Feb. 16.
- Fruit. Method of and apparatus for processing. R. B. Nawnman. 2,329,212; Sept. 14.
- Fruit or vegetable selecting machine. A. Wenz. 2,315,100; Mar. 30.
- Fruit orienting device. G. W. Ashlock, Jr. 2,308,038; Jan. 12.
- Fruit parer. Citrus. D. L. Ellis. 2,307,829; Jan. 12.
- Fruit peeling apparatus. R. L. Ewald and H. A. Skog. 2,335,849; Dec. 7.
- Fruit picker. H. Goebel. 2,309,948; Feb. 2.
- Fruit picker. E. F. Schaefer. 2,334,292; Nov. 16.
- Fruit pitting chuck. G. W. Ashlock, Jr. 2,314,862; Mar. 30.
- Fruit pitting device. G. W. Ashlock, Jr. 2,308,039; Jan. 12.
- Fruit preservation. F. E. Denny. 2,336,928; Dec. 14.
- Fruit. Processing. R. B. Nawnman. 2,329,212; Sept. 14.
- Fruit products, Packing. K. J. Seulke. 2,331,804; Oct. 12.
- Fruit products, Porous expanded citrus. W. A. Heyman. 2,328,554; Sept. 7.
- Fruit slicing apparatus. A. Kok. 2,334,416; Nov. 16.
- Fruit. Treating. L. F. Ducker and G. A. Little. 2,328,265; Aug. 31.
- Fruit. Treating. O. J. Steinwand. 2,326,407; Aug. 10.
- Fruit treating machine. P. Jensen. 2,309,321; Jan. 26.
- Fruits and vegetables. Treatment of. S. Levison. 2,314,586; Mar. 23.
- Frying apparatus. A. Muszynski. 2,307,465; Jan. 5.
- Frying. Deep fat. H. C. Black. 2,322,187; June 15.
- Fuel and heat economizer. J. T. Harrington. 2,319,131; May 11.
- Fuel and water controller for boilers or steam generators. W. S. H. Hamilton and K. B. Rowell. 2,324,695; July 20.
- Fuel assembly, Propellant. C. D. Pratt. 2,309,978; Feb. 2.
- Fuel. Aviation. A. Voorhies, Jr. 2,311,498; Feb. 16.
- Fuel briquettes. Waterproofing. J. A. Erickson. 2,325,840; Aug. 3.
- Fuel burner. O. F. Campbell. 2,334,314; Nov. 16.
- Fuel burner. J. Dunn. 2,320,575; June 1.
- Fuel burner. J. E. Kennedy. 2,335,188; Nov. 23.
- Fuel burner. W. J. Workman. 2,322,496; June 22.
- Fuel burner construction. S. C. Shipley, B. Cyr and F. S. Denison. 2,319,351; May 18.
- Fuel burner control system. E. M. Miller. 2,308,295; Jan. 12.
- Fuel burner control system. E. M. Miller. 2,331,712; Oct. 12.
- Fuel burner system. J. A. Deubel. 2,322,792; June 29.
- Fuel burner system. V. R. Tate. 2,308,555; Jan. 19.
- Fuel combustion system and method. Economizing fluid. R. C. Jimenez. 2,320,821; June 1.
- Fuel consumption tester for automobiles and the like. D. A. Gauthier. 2,309,886; Jan. 26.
- Fuel container. H. A. Black. 2,319,844; May 25.
- Fuel control, Automatic. I. V. Brumbaugh, L. S. Kauffman, and H. C. Reinhart. 2,334,603; Nov. 16.
- Fuel control device. M. Hansen. 2,311,827; Feb. 23.
- Fuel control device. M. Hansen and R. K. Hall. 2,311,828; Feb. 23.
- Fuel control for fluid fuel burners. A. N. Schreuder. Re. 22,276; Feb. 23.
- Fuel control for heater. Thermostatic. H. C. Little. 2,326,734; Aug. 10.
- Fuel control for oil burners. D. F. Jones. 2,313,554; Mar. 9.
- Fuel control means. M. E. Chandler. Re. 22,254; Jan. 26.
- Fuel control valve. J. P. Johnson. 2,324,932; July 20.
- Fuel. Diesel. G. H. Cloud and W. J. Sparks. 2,326,522; Aug. 10.
- Fuel. Diesel. E. W. Fuller and E. M. Nygaard. 2,314,137; Mar. 16.
- Fuel. Diesel. E. M. Nygaard, J. H. McCracken, and F. M. Seger. 2,326,102; Aug. 3.
- Fuel. Diesel. E. M. Nygaard and F. M. Seger. 2,333,029; Oct. 26.
- Fuel. Diesel. F. M. Seger and E. M. Nygaard. 2,329,489; Sept. 14.
- Fuel dispensing apparatus, Ticket issuing. E. E. Eickmeyer and A. G. Horvath. 2,328,435; Aug. 31.
- Fuel distributing device. D. S. Hersey and P. J. Campbell. 2,337,996; Dec. 28.
- Fuel economizer. J. Acosta. 2,326,598; Aug. 10.
- Fuel economizer, Gas engine. E. G. Baker. 2,333,628; Nov. 9.
- Fuel feed control device. K. H. Hammell. 2,320,457; June 1.
- Fuel feeding apparatus for furnaces. G. McAl. Blizard. 2,320,062; May 25.
- Fuel feeding device for aircraft. R. Avigdor. 2,325,931; Aug. 3.
- Fuel feeding device for internal combustion engines. R. Blizard. 2,314,926; Mar. 30.
- Fuel feeding device for internal combustion engines, Auxiliary. A. V. Johnson. 2,321,211; June 8.
- Fuel feeding means. C. Harth. 2,308,656; Jan. 19.
- Fuel feeding system. E. C. Horton. 2,309,591; Jan. 26.
- Fuel feeding system. H. D. Roe. 2,333,075; Oct. 26.
- Fuel for gas generating and dispensing systems. L. J. White. 2,327,835; Aug. 24.
- Fuel from straight run and similar hydrocarbons, High grade motor. E. J. Houdry. 2,326,779; Aug. 17.
- Fuel gases, Self-service system for storage and utilization of. K. W. Rugh. 2,309,869; Feb. 2.
- Fuel, High antiknock motor. W. J. Sweeney. 2,324,118; July 13.
- Fuel indicator. T. H. Svendsen. 2,311,003; Feb. 16.
- Fuel injecting, and metering means. E. T. Vincent. 2,322,181; June 15.
- Fuel injection apparatus. A. T. Bremser. 2,333,698; Nov. 9.
- Fuel injection device. F. C. Reggio. 2,326,171; Aug. 10.
- Fuel injection device for internal combustion engines. S. Hinchcliff. 2,335,183; Nov. 23.
- Fuel injection. Electromagnetically controlled. O. Fuscaldo. 2,310,773; Feb. 9.
- Fuel injection for internal combustion engines. G. Amery. 2,323,184; June 29.
- Fuel injection means for supercharged aircraft engines. O. Fuscaldo. 2,332,908; Oct. 26.
- Fuel injection nozzle. H. Fischlmayr. 2,317,749; Apr. 27.
- Fuel injection nozzle. B. G. Parsons. 2,336,032; Dec. 7.
- Fuel injection pump. H. C. Edwards. 2,309,074; Jan. 19.
- Fuel injection pump. H. Links. 2,325,524; July 27.
- Fuel injection system. W. M. Pate and H. E. Burgdorf. 2,316,887; Apr. 20.
- Fuel injection system for compression-ignition engines. H. Lieberherr. 2,333,944; Nov. 9.
- Fuel injection system for use in multicylinder compression-ignition engines. S. Hinchcliff. 2,317,947; Apr. 27.
- Fuel injection valve apparatus. O. Fuscaldo. 2,332,909; Oct. 26.
- Fuel injector. F. R. King. 2,317,618; Apr. 27.
- Fuel line testing. B. M. Ikert. 2,333,252; Nov. 2.
- Fuel, Making finished motor. E. T. Marshall. 2,330,069; Sept. 21.
- Fuel, Making motor. J. H. James. 2,331,121; Oct. 15.
- Fuel, Manufacture of motor. A. R. Goldsby. 2,317,142; Apr. 20.
- Fuel, Mixing and burning. M. H. Wigton. 2,335,330; Nov. 30.
- Fuel mixture. J. A. Hyson and J. H. Kerrick. 2,328,147; Aug. 31.
- Fuel mixture cooling and expansion retarding pressure feeder. F. A. Smith and A. Sabo. 2,319,752; May 18.
- Fuel, Modified. P. J. Gaylor. 2,331,386; Oct. 12.
- Fuel, Motor. E. Arundale and L. A. Mikeska. 2,331,158; Oct. 5.
- Fuel, Motor. H. G. M. Fischer. 2,322,007; June 15.
- Fuel, Motor. M. M. Holm. 2,334,006; Nov. 9.
- Fuel, Motor. P. Miller. 2,316,012; Apr. 6.
- Fuel of low sulphur content. Production of motor. C. C. Springer. 2,319,354; May 18.
- Fuel oils, Product of. E. J. Houdry and A. G. Peterkin. 2,309,112; Jan. 26.
- Fuel pressure switch. H. A. Satterlee. 2,327,069; Aug. 17.
- Fuel, Production of motor. F. E. Frey. 2,327,633; Aug. 24.
- Fuel pump. A. M. Babitch and G. W. Harry. 2,308,041; Jan. 12.
- Fuel pump. G. C. Goode and W. F. Harrington. 2,311,939; Feb. 23.
- Fuel pump. L. B. Harrington. 2,319,229; May 18.
- Fuel pump. F. R. Sunderland and J. McAuley. 2,319,566; May 18.
- Fuel pump. G. A. Wahlmark. 2,311,916; Feb. 23.
- Fuel, Safety. C. L. Brown. 2,321,280; June 8.
- Fuel, Safety motor. W. A. Herbst. 2,327,708; Aug. 24.
- Fuel saving device for. Internal combustion engines. A. L. Condocta. 2,337,311; Dec. 21.
- Fuel supply and carbureting system for internal combustion engines. J. C. Lang. 2,310,739; Feb. 9.
- Fuel supply control means. W. E. Leibing. 2,315,715; Apr. 6.
- Fuel supply system. J. C. McAlvay. 2,330,066; Sept. 21.
- Fuel supply system. F. C. Reggio. 2,313,264; Mar. 9.
- Fuel system. D. Samiran. 2,327,373; Aug. 24.
- Fuel system. D. Samiran. 2,334,220; Nov. 16.
- Fuel system and combination carburetor. Higher vapor pressure. R. W. Thomas. 2,315,881; Apr. 6.

- Fuel system for aircraft, High altitude. R. R. Curtis. 2,330,558; Sept. 28.
- Fuel system having automatic safety switches, Automatic. D. Samiran. 2,314,900; Mar. 30.
- Fuel system including time delayed select valves. D. Samiran. 2,314,899; Mar. 30.
- Fuel system indicator assembly, Multiple tank. D. Samiran. 2,330,845; Oct. 5.
- Fuel tank. T. R. Arden. 2,338,917; May 11.
- Fuel tank. H. S. Booth. 2,307,616; Jan. 5.
- Fuel tank. E. W. Whiting. 2,309,813; Feb. 2.
- Fuel tank closure. P. D. Newton. 2,334,948; Nov. 23.
- Fuel tank, projectible, Leakproof. A. J. De Camp. 2,309,887; Feb. 2.
- Fuel to internal combustion engines, Feeding liquefied gas-ozone. A. K. Hinchman. 2,324,392; July 13.
- Fueling solid fuel injection engines. M. G. Fiedler. 2,324,071; July 13.
- Fuels, Diesel. W. A. Froell. 2,333,817; Nov. 9.
- Fuels for internal combustion engines. P. Miller and G. H. Cloud. 2,316,011; Apr. 6.
- Fuels, Manufacture of anti-knock motor. A. R. Goldsby and E. E. Sensel. 2,324,295; July 13.
- Fuels, Production of motor. R. P. Russell. 2,322,664; June 22.
- Fuels, Production of non-knocking motor. M. Pier and P. F. Mann. 2,326,166; Aug. 10.
- Fuels, Treatment of motor. H. G. M. Fischer and R. P. Russell. 2,322,622; June 22.
- Full range fuel mixer. A. G. Bodine, Jr. 2,319,971; May 25.
- Fuiling mill. W. J. Simonds. 2,307,167; Jan. 5.
- Fuiling or planing machine. V. Bohm. 2,325,301; July 27.
- Fumaric acid, Production of. J. H. Kane, A. Finlay, and P. F. Mann. 2,327,191; Aug. 17.
- Fume disposal in catalytic regeneration systems. G. S. Dunham. 2,307,672; Jan. 5.
- Fumigant mixture. W. W. Allen and J. C. Dawson. 2,324,471; July 20.
- Fumigant mixtures. W. W. Allen and F. W. Fletcher. 2,324,472; July 20.
- Fungal, Preventing growth of. M. H. Daskas. 2,329,884; Apr. 21.
- Fungicide composition. W. F. Hester. 2,317,765; Apr. 27.
- Fungicide and making the same. S. E. Marisco. 2,327,812; Aug. 24.
- Funnel. H. D. Haley. 2,320,590; June 1.
- Funnel and method of filtering. G. Zarbo. 2,321,639; June 15.
- Funnel, Fuse well forming pour. G. D. Rogers. 2,311,601; Feb. 23.
- Funnel guide bracket. J. A. Neren. 2,332,335; Oct. 19.
- Funnel, Ship's. I. D. Eby. 2,326,446; Aug. 10.
- Funnel, Slipping. H. D. Haley. 2,320,591; June 1.
- Funnel, Strainer. E. E. Rush. 2,331,234; Oct. 5.
- Funnel support. C. N. Tozer. 2,321,655; July 20.
- Fur coats, Cleaning. R. E. Albrecht. 2,316,386; Apr. 13.
- Fur coats, Making. R. E. Albrecht. 2,316,387; Apr. 13.
- Fur, Dry carotting. J. D. Sartakoff. 2,321,775; June 13.
- Fur for felting, Treating. C. F. Fabian. 2,325,236; July 27.
- Fur or the like, Cutting. A. L. Diller and C. A. Cameron. 2,335,145; Nov. 23.
- Fur, Treating composition and process. W. Page. 2,309,254; Jan. 26.
- Furring bracket. F. M. Taylor. 2,309,420; Jan. 26.
- Furs, Treating. P. Kestenbaum. 2,309,907; Feb. 2.
- Furan, Manufacture of. O. W. Cass and L. G. Cliver. 2,337,027; Dec. 21.
- Furandicarboxylic acid-amides and their manufacture. H. Martin, W. Baumann, and H. Gysin. 2,317,286; Apr. 20.
- Furfurylamines, Separation of. L. A. Stengel and W. K. O'Loughlin. 2,315,139; Mar. 30.
- Furnace: See—
 Air melting furnace.
 Aluminum furnace.
 Analytical furnace.
 Annealing furnace.
 Attachable boiler furnace.
 Bright-finish metal-treating furnace.
 Carbon combustion furnace.
 Contact strip annealing furnace.
 Continuous parts heating furnace.
 Crucible furnace.
 Electric furnace.
 Electric salt bath furnace.
 Fireplace furnace.
 Floor furnace.
 Glass melting furnace.
 Heating furnace.
 High-frequency induction furnace.
 Hot-air furnace.
 Induction furnace.
 Industrial furnace.
 Melting furnace.
 Mercury ore reduction furnace.
 Metallurgical furnace.
 Ore furnace.
 Pot furnace.
 Radiating furnace.
 Reheating furnace.
 Rotary furnace.
 Warm air furnace.
- Furnace. D. F. Corcoran. 2,336,925; Dec. 14.
- Furnace. W. Ferguson. 2,333,531; Nov. 2.
- Furnace. J. Karmanocky. 2,319,065; May 11.
- Furnace. J. H. Langley. 2,337,053; Dec. 21.
- Furnace. W. A. Mudge. 2,336,366; Dec. 7.
- Furnace. W. W. O'Neal and R. D. Williams. 2,335,877; Dec. 7.
- Furnace. R. L. Paterson. 2,331,419; Oct. 12.
- Furnace and associated feeding device. J. Harrington. 2,331,907; Oct. 19.
- Furnace and operating the same, Continuous heating. W. A. Morton. 2,329,211; Sept. 14.
- Furnace appliance. A. Laist and E. M. Baldwin. 2,334,878; Nov. 23.
- Furnace checkerwork. G. P. Reintjes. 2,309,789; Feb. 2.
- Furnace construction. J. S. Wallis and J. W. Throckmorton. 2,333,077-8; Oct. 26.
- Furnace control. J. Mirra. 2,337,076; Dec. 28.
- Furnace control apparatus. J. A. Ashworth. 2,325,094; July 27.
- Furnace distributor control, Blast. A. J. Whitcomb and G. Fox. 2,322,406; June 22.
- Furnace door. O. M. Fuchs. 2,325,945; Aug. 3.
- Furnace door. C. H. Russell. 2,327,130; Aug. 17.
- Furnace electrode gland. W. E. Moore. 2,317,933; Apr. 27.
- Furnace fan. O. Brummer. 2,337,227; Dec. 21.
- Furnace for manufacture of acetylene by pyrolysis, Regenerative. R. L. Hasche and W. B. Hinke. 2,318,688; May 11.
- Furnace for small parts, Tempering. R. Gröger. 2,322,403; Mar. 2.
- Furnace for the separation of a metal alloyed with other metals, Continuous. H. Loewenstein. 2,331,983; Oct. 19.
- Furnace muffle construction. R. F. Renkin. 2,333,570; Nov. 2.
- Furnace regulation. J. J. Klinker. 2,326,230; Aug. 10.
- Furnace structure. R. A. Foresman and D. J. Mosshart. 2,330,236; Dec. 7.
- Furnace wall and tube packing, Sectional. G. P. Reintjes. 2,337,203; Dec. 21.
- Furnace wall construction. L. H. Hosbein. 2,323,661; July 6.
- Furnace wall construction. L. H. Hosbein. 2,328,907; Sept. 7.
- Furnace wall maintenance. C. S. Hulton. 2,310,698; Feb. 9.
- Furnace with reflex arch. P. Wright. 2,316,381; Apr. 13.
- Furnaces, Reversing means for regenerative. V. D. Campbell and C. H. Wise. 2,310,392; Feb. 9.
- Furnaces, Step-in method of operating open hearth. C. A. Schenck. 2,313,900; Mar. 16.
- Furniture. A. E. Thompson. 2,334,066; Nov. 23.
- Furniture, Children's. A. W. Lehman, Jr., and C. Maler. 2,329,475; Sept. 14.
- Furniture construction. S. Karsakov and G. A. Kramer. 2,334,934; Nov. 23.
- Furniture construction. K. C. Welch, Jr. 2,326,507; Aug. 10.
- Furniture, Metal. W. R. Hultberg. 2,337,660; Dec. 28.
- Furniture, Metal. W. McArthur. 2,323,829; July 6.
- Furniture, Office. G. W. Luders, Jr. 2,333,539; Nov. 2.
- Furniture packing. F. H. N. Wohlers. 2,331,753; Oct. 12.
- Furniture support. E. B. Morgan. 2,317,077; Apr. 20.
- Furyl vinyl ketone and its alpha alkyl substituted vinyl analogues. C. E. Barnes. 2,309,727; Feb. 2.
- Fuse. A. J. Bowie. 2,330,467; Sept. 28.
- Fuse. F. H. Denner. 2,320,351; June 1.
- Fuse. T. B. Doe and R. L. Kennigott. 2,330,873; Oct. 5.
- Fuse. F. C. Lee. 2,333,011; Nov. 9.
- Fuse. H. J. Nichols. 2,335,812; Nov. 30.
- Fuse. W. O. Schultz. Re. 2,327,272; Sept. 7, 1943.
- Fuse. W. O. Schultz and A. G. Steinmayer. 2,324,114; July 13.
- Fuse. P. L. Spencer. 2,334,730; Nov. 23.
- Fuse. A. G. Steinmayer. Re. 2,327,877; Oct. 26.
- Fuse. A. F. Teltseid and L. F. Young. 2,336,514; Dec. 14.
- Fuse. H. A. Triplett. 2,329,957; Sept. 21.
- Fuse and circuit breaker, Combination. R. A. Bayne. 2,311,019; Feb. 16.
- Fuse assembling machine. M. C. Ricciardi. 2,323,355; July 6.
- Fuse blocks. J. B. Griffith. 2,334,550; Nov. 16.
- Fuse clamp. R. A. Millermaster and A. A. Writzmann. 2,325,698; Aug. 3.
- Fuse, Combination instantaneous and delay. H. M. Brayton. 2,324,192; July 13.
- Fuse construction. S. I. Lindell. 2,323,229; June 29.
- Fuse construction. W. C. Rude. 2,323,006; June 29.
- Fuse construction. W. O. Schultz. 2,313,364-5; Mar. 9.
- Fuse construction. W. O. Schultz and A. G. Steinmayer. 2,310,466; Feb. 9.
- Fuse construction. H. A. Triplett. 2,318,817; May 11.
- Fuse construction. H. A. Triplett. 2,333,217; Nov. 2.
- Fuse, Current limiting. H. L. Rawlins and H. W. Graybill. 2,309,013; Jan. 19.
- Fuse, Current limiting. A. P. Strom. 2,337,504; Dec. 21.
- Fuse, Cutout and disconnect switch. W. O. Schultz. 2,319,161; May 11.
- Fuse device. E. A. Link. 2,331,839; Oct. 12.
- Fuse device. R. D. Nelson and E. A. Link. 2,331,843; Oct. 12.
- Fuse device. W. O. Schultz. 2,331,846-8; Oct. 12.
- Fuse device. A. G. Steinmayer. 2,325,555; July 27.

- Fuse for projectiles. H. W. Spooner. 2,331,633; Oct. 12.
- Fuse holder. A. F. Bahlke, M. Moeller, and R. W. Shepard. 2,321,271; June 8.
- Fuse indicator and lock-in device, Combined. W. C. Linton. 2,309,517; Jan. 26.
- Fuse link. C. B. Anderson. 2,335,229; Nov. 30.
- Fuse link. C. W. Brown. 2,315,311; Mar. 30.
- Fuse link construction. W. O. Schultz and A. G. Steinmayer. 2,336,304; Dec. 7.
- Fuse link construction. A. G. Steinmayer. Re. 22,319; May 13.
- Fuse link construction. A. G. Steinmayer. 2,328,177; Aug. 31.
- Fuse, Percussion. O. Rasmussen. 2,336,701; Dec. 14.
- Fuse, Renewable cartridge. C. J. Haas. 2,320,231; May 25.
- Fuse, Renewable electrical. H. W. Mervis. 2,330,231; Sept. 28.
- Fuse switch. R. B. Pittman and C. H. Walsh. 2,325,540; July 27.
- Fuse, Time. S. Farrow. 2,331,182; Nov. 16.
- Fuse, Time lag. L. and G. Schmidt. 2,326,257; Aug. 10.
- Fused cutout. D. C. Hubbard. 2,309,698; Feb. 2.
- Fused feeder tap. A. H. Genter. 2,313,333; Mar. 9.
- Fuselage of aircrafts. P. A. Richard. 2,316,622; Apr. 13.
- Gain control. C. O. Mallinckrodt. 2,326,871; Aug. 17.
- Gain control. B. E. Moritz, Jr. 2,316,354; Apr. 13.
- Gain control for seismograph amplifiers. E. M. Shook. 2,312,934; Mar. 2.
- Gallery, shooting. R. G. Richardson. 2,307,958; Jan. 12.
- Galvanizing apparatus. H. W. Bradley. 2,328,949; Sept. 7.
- Galvanizing pipe and the like, Continuously. P. C. Ely. 2,326,844; Aug. 17.
- Galvanizing process and composition. R. J. Kepfer. 2,311,669; Feb. 23.
- Galvanometer. H. T. Boeker. 2,322,816; June 29.
- Galvanometer. T. A. Rich. 2,326,252; Aug. 10.
- Galvanometer adjusting assembly. M. E. Collins. 2,330,335; Sept. 28.
- Galvanometer coil support. C. M. G. Villard. 2,332,877; Oct. 26.
- Game. D. D. Barkin. 2,335,099; Nov. 23.
- Game. M. Berg. 2,309,494; Jan. 26.
- Game. C. Biderman. 2,317,126; Apr. 20.
- Game. J. F. Bruneau. 2,319,917; May 25.
- Game. C. E. Cole. 2,311,029; Feb. 16.
- Game. A. F. Emch. 2,320,270; May 25.
- Game. G. H. Forsyth. 2,333,098; Nov. 2.
- Game. L. W. Freer. 2,310,686; Feb. 9.
- Game. B. D. Hodge. 2,333,103; Nov. 2.
- Game. F. R. Labin and S. Schults. 2,310,898; Feb. 9.
- Game. M. F. Lathers. 2,312,423; Mar. 2.
- Game. H. F. Marlow. 2,321,835; June 15.
- Game. J. L. McKeown. 2,311,453; Feb. 16.
- Game. J. L. McKeown. 2,324,941; July 20.
- Game. W. Schiller. 2,315,164; Mar. 30.
- Game. M. Szatrow. 2,313,303; Mar. 9.
- Game. P. W. White. 2,313,701; Mar. 9.
- Game. F. D. Williams. 2,320,600; Sept. 14.
- Game. L. V. Wood. 2,311,108; Feb. 16.
- Game and amusement apparatus, Combined. P. Kyska. 2,327,309; Aug. 17.
- Game apparatus. J. M. Buckley and T. F. Clarey. 2,322,564; June 22.
- Game apparatus. H. G. Burmester and E. Levit, Jr. 2,330,951; Oct. 5.
- Game apparatus. V. A. Coghlan and N. W. Morris. 2,333,702; Nov. 9.
- Game apparatus. F. P. Gorospe. 2,325,243; July 27.
- Game apparatus. D. E. Hooke. 2,318,391; May 4.
- Game apparatus. D. E. Pait. 2,318,793; May 11.
- Game apparatus. C. M. Peshal. 2,315,872; Apr. 6.
- Game apparatus. E. Roenskle. 2,309,216; Jan. 26.
- Game apparatus. C. D. Shannon. 2,336,894; Dec. 14.
- Game apparatus. R. O. White. 2,329,963; Sept. 21.
- Game apparatus. R. O. Wood. 2,317,705; Apr. 27.
- Game, Ball hitting. F. M. New. 2,322,155; June 15.
- Game balls, Making athletic. M. B. Reach. 2,325,073-4; July 27.
- Game balls, Making inflatable. M. B. Reach. 2,325,075; July 27.
- Game, Baseball. W. V. Lamar. 2,308,816; Jan. 19.
- Game board. P. Cusano. 2,312,882; Mar. 2.
- Game board. A. H. Di Pasquale. 2,316,088; Mar. 30.
- Game board. E. S. Kramer. 2,320,184; May 25.
- Game board. G. G. Mevi. 2,327,314; Aug. 17.
- Game board. V. Salomon. 2,319,159; May 11.
- Game, Bowling. P. Urmy. 2,336,427; Dec. 7.
- Game call. G. H. Garrison. 2,321,193; June 8.
- Game, Card. W. H. Connelly. 2,322,113; June 15.
- Game card. E. Spitzner. 2,322,324; June 22.
- Game carrier. C. E. Deming. 2,324,495; July 20.
- Game charting device. J. A. McPhee. 2,321,692; June 15.
- Game device. S. J. Bens. 2,323,291; July 6.
- Game device. W. A. Heacock, H. B. Swift, and W. Spyker. 2,313,473; Mar. 9.
- Game device. H. C. Lake. 2,322,526; June 22.
- Game device. M. M. Marcus. 2,325,693; Aug. 3.
- Game disk. E. W. Christy. 2,325,109; July 27.
- Game, Educational. M. J. Schoenberg and H. I. Maximon. 2,320,832; June 1.
- Game, Indoor. H. S. Hoover. 2,326,859; Aug. 17.
- Game, Marble. W. R. Black and J. G. Kennedy. 2,336,773; Dec. 14.
- Game, Military. W. K. Haggard and F. L. Butler. 2,316,862; Apr. 20.
- Game of skill. E. Benguer. 2,308,263; Jan. 12.
- Game or puzzle device. E. Gardner. 2,324,691; July 20.
- Game, Quiz. P. Di Lemme. 2,319,045; May 11.
- Game, Quiz. G. W. Emmert. 2,311,217; Feb. 16.
- Gamma-halogen gamma-aceto propyl alcohol, Producing. E. R. Buchman. 2,314,571; Mar. 23.
- Garage door. W. D. Ferris. 2,327,778; Aug. 24.
- Garage door. W. D. Ferris. 2,328,204; Aug. 31.
- Garage door. W. D. Ferris and C. R. Wolf. 2,316,510; Apr. 13.
- Garage door. W. D. Ferris and C. R. Wolf. 2,323,807; Apr. 17.
- Garage door hanger. W. G. Deuring. 2,327,026; Aug. 17.
- Garage or other shelter. J. D. France and E. G. Ritter. 2,321,477; June 8.
- Garbage can. M. T. Stephansko. 2,325,808; Aug. 3.
- Garbage disposal, Pertaining to. C. Le Bleu. 2,323,611; July 6.
- Garbage receptacle. A. Calcagno. 2,308,326; Jan. 12.
- Garden hose stand. M. Karger. 2,307,772; Feb. 2.
- Garden implement. A. M. Buehler. 2,325,939; Aug. 3.
- Garden tool. J. V. Morris. 2,331,414; Oct. 27.
- Garden tool. H. S. Power. 2,317,801; Apr. 27.
- Garment. J. A. Addonizio. 2,312,860; Mar. 2.
- Garment. H. J. Altman. 2,333,404; Nov. 2.
- Garment. H. R. Boggs. 2,319,292; May 18.
- Garment. H. H. Collins. 2,331,962; Oct. 19.
- Garment. O. Floriam. 2,332,240; Nov. 2.
- Garment. M. Henkin. 2,332,714; Oct. 26.
- Garment. R. Jansson. 2,320,605; June 1.
- Garment. F. Jones. 2,322,451; June 22.
- Garment. B. Kruckow. 2,308,333; Jan. 12.
- Garment. E. C. Lindfelt. 2,315,972; Apr. 6.
- Garment. R. Manson. 2,310,855; Feb. 9.
- Garment. D. L. McDonald. 2,308,337; Jan. 12.
- Garment. I. McDonald. 2,310,103; Feb. 2.
- Garment. H. W. Mendenhall. 2,308,339; Jan. 12.
- Garment. M. Merkant. 2,334,498; Nov. 16.
- Garment. C. M. Miller. 2,326,380; Aug. 10.
- Garment. H. Miller. 2,318,617; May 11.
- Garment. L. Novy. 2,327,661-2; Aug. 24.
- Garment. M. Scholle. 2,335,971; Dec. 7.
- Garment. I. Spencer. 2,325,888; Aug. 3.
- Garment. I. D. Wolfson. 2,308,411; Jan. 12.
- Garment accessory. H. L. Kinsey. 2,333,428; Nov. 2.
- Garment and making same. J. I. Seifer. 2,309,716; Feb. 2.
- Garment, Aviation. J. R. C. Quilter and J. Gregory. 2,331,727; Oct. 12.
- Garment bag. B. J. Frost. 2,324,072; July 13.
- Garment blocking form. M. E. Burwell. 2,307,256; Jan. 5.
- Garment carrying folder. J. H. Vineberg. 2,310,499; Feb. 9.
- Garment case. J. T. Simmons. 2,325,808; Aug. 3.
- Garment, Child's. M. H. Sunseri. 2,314,432; Mar. 23.
- Garment clamp. E. A. Hoos. 2,333,178; Nov. 2.
- Garment closure. J. J. Kispert. 2,334,713; Nov. 23.
- Garment, Composite. B. Greenholtz. 2,308,171; Jan. 12.
- Garment construction. P. H. Bailey. 2,328,181; Aug. 31.
- Garment construction. W. W. Berman. 2,309,037; Jan. 19.
- Garment construction. A. R. Goldston. 2,307,213; Jan. 5.
- Garment construction. R. Hirschfeld. Re. 22,360; Aug. 3.
- Garment construction. R. Hirschfeld. 2,309,955; Feb. 2.
- Garment construction. A. Katz. 2,323,777; July 6.
- Garment construction. L. Wexler. 2,311,799; Feb. 23.
- Garment construction. W. Wulf. 2,316,983; Apr. 20.
- Garment, Convertible. L. Mintzes. 2,308,929; Jan. 19.
- Garment, curing method. N. S. Sarkisian. 2,314,164; Mar. 16.
- Garment display device. C. H. Rowley and W. P. Wyatt. 2,325,428; July 27.
- Garment display device. B. R. Sieve. 2,329,006; Sept. 7.
- Garment finishing and folding apparatus. J. W. Steele. 2,310,555; Feb. 9.
- Garment for infants, Safety. C. W. Lee. 2,316,602; Feb. 13.
- Garment, Form shaping and constricting. B. Lewis. 2,323,717; July 6.
- Garment, Foundation. H. J. Dubner. 2,313,811; Mar. 16.
- Garment, Foundation. F. N. Lewis. 2,327,310; Aug. 17.
- Garment hanger. J. Bolten and H. Spitz. 2,310,058; Feb. 2.
- Garment hanger. E. C. Bradley. 2,331,888; Oct. 19.
- Garment hanger. R. C. Chidley. 2,332,203; Oct. 19.
- Garment hanger. J. D. Coney. 2,326,334; Aug. 10.
- Garment hanger. M. Dalloz. 2,320,414; June 1.
- Garment hanger. R. M. D. Freeman. 2,318,770; May 11.
- Garment hanger. H. J. Grieshaber. 2,335,243; Nov. 30.

- Garment hanger. R. J. Hadash. 2,336,686; Dec. 14.
 Garment hanger. M. A. LaPorte. 2,318,084; May 4.
 Garment hanger. L. Levin. 2,337,723; Dec. 28.
 Garment hanger. W. D. Lhamon. 2,324,093; July 13.
 Garment hanger. W. Longhead. 2,330,723; Sept. 28.
 Garment hanger. M. C. Marble. 2,316,523; Apr. 13.
 Garment hanger. J. E. McEwen. 2,315,267; Mar. 30.
 Garment hanger. J. A. Packard. 2,316,533; Apr. 13.
 Garment hanger. E. E. Proffler. 2,321,700; June 15.
 Garment hanger. J. H. Rothbaum. 2,325,030; Nov. 23.
 Garment hanger. H. C. Ruen. 2,326,685; Aug. 10.
 Garment hanger. J. H. Russell. 2,326,256; Aug. 10.
 Garment hanger. L. D. Tillery. 2,309,421; Jan. 26.
 Garment hanger. H. C. Turner and J. H. McGann. 2,329,958; Sept. 21.
 Garment hanger. L. A. Young. 2,307,558; Jan. 5.
 Garment hanger. L. A. Young. 2,314,643; Mar. 23.
 Garment hanger. L. A. Young. 2,334,370-1; Nov. 16.
 Garment hanger cover. E. C. O'Gureck. 2,332,594; Oct. 26.
 Garment. Hospital. I. Severance. 2,319,089; May 11.
 Garment. Hunting. O. C. Haney. 2,324,154; July 13.
 Garment. Infant's. F. R. Behringer. 2,321,727; July 27.
 Garment. Infant's. E. A. Sheridan. 2,312,931; May 2.
 Garment. Infant's sleeping. E. E. Wilson. 2,328,938; Sept. 7.
 Garment. Lady's. A. J. Bone. 2,334,111; Nov. 9.
 Garment. Lady's. H. Dorfman. 2,333,155; Nov. 2.
 Garment. Lady's. L. R. Saveth. 2,330,520; Sept. 28.
 Garment. Lady's. B. Z. Strong. 2,331,853; Oct. 12.
 Garment. Lady's suspender. M. S. Burke. 2,315,930; Apr. 6.
 Garment. Lined. P. H. Bailey. 2,327,979; Aug. 31.
 Garment. Locking or antitheft device. S. S. Vinberg. 2,325,349; July 27.
 Garment. Maternity. B. Smink. 2,313,399; Mar. 9.
 Garment. Nodder. A. Bogart. 2,321,123; June 8.
 Garment of the pyramas type. B. M. Schuyler. 2,315,352; Mar. 30.
 Garment. Posture correcting foundation. L. O. Allen. 2,332,225; Nov. 2.
 Garment press. H. E. Koepeke. 2,307,686; Jan. 5.
 Garment pressing machine. W. A. Hoeh. 2,313,824; Mar. 16.
 Garment pressing machine. W. A. Hoeh. 2,314,398; Mar. 23.
 Garment pressing machine. W. A. Hoeh. 2,315,701; Apr. 6.
 Garment protector. C. Strauss. 2,322,601; June 22.
 Garment. Reversible. A. Dufine. 2,322,510; June 22.
 Garment sizing and shaping form. J. W. Bell and A. F. Lamson. 2,322,489; Oct. 26.
 Garment. Sleeping. H. Hansen. 2,307,256; Jan. 5.
 Garment. Slenderizing non-elastic. W. G. Kuddler. 2,319,779; May 25.
 Garment. Sportsman's. W. Fayer. 2,325,494; July 27.
 Garment steamer. C. R. Lando. 2,317,924; Apr. 27.
 Garment storage bag. S. J. Johnson. 2,329,020; Sept. 14.
 Garment storage vault. W. R. Kohl. 2,309,399; Jan. 26.
 Garment. Supporting. M. S. Strait. 2,315,561; Apr. 6.
 Garment take-up device. W. C. Mason. 2,308,336; Jan. 12.
 Garment trimming apparatus. V. Valentine. 2,332,358; Oct. 19.
 Garment trimming machine. H. Lehde. 2,321,831; June 15.
 Garment with adjustable collar. C. Merola. 2,316,802; Apr. 20.
 Garment with detachable neckpiece. D. Michel. 2,319,875; May 25.
 Garments. Manufacture of elastic tubular. R. and J. Pickles. 2,325,977; Aug. 3.
 Garter. Girdle. R. Lindner. Re. 22,288; Mar. 16.
 Gas absorbent and preparing the same. C. B. Gardener. 2,322,206; June 22.
 Gas analysis. L. Bertrand. 2,333,762; Nov. 9.
 Gas analysis method and apparatus. P. S. Dickey. 2,329,459; Sept. 14.
 Gas analysis. Method of and apparatus for. A. C. Jenkins. 2,310,435; Feb. 9.
 Gas analyzer. F. J. Norton. 2,307,800; Jan. 12.
 Gas analyzer. F. J. Norton. 2,322,337; Oct. 19.
 Gas analyzer. C. H. Phelps. 2,326,884; Aug. 17.
 Gas analyzer. A. P. Sullivan. 2,310,472; Feb. 9.
 Gas analyzer, Electric. G. Keinath. 2,329,840; Sept. 21.
 Gas anchor. H. C. Pyle. 2,311,963; Feb. 23.
 Gas and liquid contact apparatus. R. R. Harmon. 2,319,814; May 25.
 Gas and liquid contact apparatus. S. B. Heath and W. P. Schambra. 2,332,224; Oct. 19.
 Gas and liquid storage apparatus. J. H. Wiggins. 2,337,286; Dec. 21.
 Gas and oil burner. J. M. Ryan. 2,315,547; Apr. 6.
 Gas burner. C. I. Baker. 2,318,985; May 11.
 Gas burner. P. S. Harper and C. Lamar. 2,337,240; Dec. 21.
 Gas burner. C. E. Parker. 2,311,994; Feb. 23.
 Gas burner. M. Rabinowicz. 2,311,127; Feb. 16.
 Gas burner. P. F. Ratcliff. 2,310,116; Feb. 2.
 Gas burner. H. C. Reinhart. 2,311,778; Feb. 23.
 Gas burner. A. G. Sherman. 2,320,754; June 1.
 Gas collector and vent. A. L. Green. 2,316,686; Apr. 13.
 Gas condensers. J. S. Haug. 2,310,234; Feb. 9.
 Gas control means. J. Maynard. 2,324,100; July 13.
 Gas discharge device. Irradiant. F. Sabini. 2,317,942; Apr. 27.
 Gas discharge tube. Photoelectric-controlled. E. C. Dench. 2,316,772; Apr. 20.
 Gas discharge tubes. System and apparatus for operating hot cathode. L. Maurer. 2,332,455; Oct. 19.
 Gas discharging sewer trap. S. Nyboer. 2,311,858; Feb. 23.
 Gas dispensing system. Liquefied. L. J. White. 2,316,495; Apr. 13.
 Gas distribution systems. Treatment in. J. R. Skeen. 2,315,550-1; Apr. 6.
 Gas distribution systems. Treatment of. J. R. Skeen. 2,315,555; Apr. 6.
 Gas distribution systems. Treatment of. J. R. Skeen. 2,316,140; Apr. 6.
 Gas flow indicator. C. H. Phelps. 2,319,516; May 18.
 Gas hose. Lightning arrester. G. B. Roloson. 2,329,219; Sept. 14.
 Gas for natural gas in standard carburated water gas apparatus. Making a substitute. W. E. Steinwedell. 2,336,311; Dec. 7.
 Gas generating apparatus. J. T. Dockery. 2,318,297; May 4.
 Gas generating system. R. J. Kohl. 2,309,701; Feb. 2.
 Gas generator. L. de Osady. 2,314,131; Mar. 16.
 Gas generator. C. E. Miller. 2,334,211; Nov. 16.
 Gas handling apparatus. R. R. Teichner. 2,316,491; Apr. 13.
 Gas heater. H. E. Thompson. 2,336,816; Dec. 14.
 Gas heater. F. E. Wood and W. G. Carlier. 2,331,950; Oct. 19.
 Gas holder. J. H. Wiggins. 2,337,010; Dec. 11.
 Gas installation equipment. P. A. Anderson. 2,327,235; Aug. 17.
 Gas installation housing. E. M. Anderson. 2,337,960; Dec. 28.
 Gas lift control. H. P. de Wit. 2,326,442; Aug. 10.
 Gas lift device for wells. G. A. Hatfield. 2,313,066; Mar. 9.
 Gas lift oil recovery system. R. L. Kirkpatrick. 2,309,512; Jan. 26.
 Gas lift pump. G. A. Hatfield. 2,336,683; Dec. 11.
 Gas mains. Plugging. D. J. Manning. 2,320,371; June 1.
 Gas. Manufacture of producer. F. Totzek and J. Daniels. 2,311,140; Feb. 16.
 Gas mask. H. J. Heribert. 2,307,730; Jan. 5.
 Gas mask. S. Mohp. 2,308,991; Jan. 19.
 Gas mask facepiece. H. A. Husted. 2,326,650; Aug. 10.
 Gas mask for horses. O. Herblin. 2,312,714; Mar. 2.
 Gas meter. W. L. Brown. 2,313,515; Mar. 9.
 Gas mixer. F. T. Jaekel. 2,322,026; June 15.
 Gas mixtures for catalytic processes. Preparation of. W. Herbert. 2,310,784; Feb. 9.
 Gas mixtures for synthetic purposes. Producing. F. Hansberg. 2,337,551; Dec. 23.
 Gas mixtures. Process of and apparatus for separating. H. C. Kornemann and E. P. Yendall. 2,337,474; Dec. 21.
 Gas pilot burner. O. W. Hahn. 2,312,834; Mar. 2.
 Gas. Process for drying nitrosyl chloride. H. A. Beekhuis, Jr. 2,320,257; May 25.
 Gas purifier for vehicles and tractors. F. Huber and K. Kühnel. 2,308,921; Jan. 19.
 Gasproof litter cover. W. D. Fleming. 2,331,315; Oct. 12.
 Gas purger. Noncondensable. L. P. Reiss. 2,316,104; Apr. 6.
 Gas purification. D. W. Bransky and F. P. Diwocky. 2,311,625; Feb. 23.
 Gas purification process. A. R. Powell. 2,318,522; May 4.
 Gas range burner. L. Jaros. 2,319,866; May 25.
 Gas range. Kitchen heating. J. F. Hennessy. 2,325,772; Aug. 3.
 Gas range oven. T. E. Phares. 2,337,301; Dec. 21.
 Gas ranges. Combination vent for. J. F. Hennessy. 2,336,988; Dec. 14.
 Gas reactions at high temperatures. Carrying out endothermic. W. Linder. 2,313,157; Mar. 9.
 Gas regulator pedal attachment. E. Ojalvo. 2,322,585; June 22.
 Gas removing device for electric furnaces. L. Michelat. 2,334,275; Nov. 16.
 Gas separation system. H. R. Legatski. 2,325,781; Aug. 3.
 Gas separator for liquid dispensing apparatus. G. A. Ungar. 2,313,403; Mar. 9.
 Gas storage and dispensing apparatus. Liquefied. J. T. Gregory. 2,323,763; July 6.
 Gas system, Liquefied. R. W. Thomas. 2,307,309; Jan. 5.
 Gas system, Liquefied. L. J. White. 2,326,187; Aug. 10.
 Gas through underground formations. Tracing. L. R. Hodell and J. J. Heigl. 2,318,689; May 11.
 Gas treating apparatus. W. J. Harshaw. 2,321,745; June 15.

- Gas turbine plant. R. Anxionnaz and R. Imbert. 2,312,995; Mar. 2.
- Gas turbine plant. C. Seippel. 2,326,072; Aug. 3.
- Gas turbine plant. W. Traupel. 2,312,605; Mar. 2.
- Gas turbine power unit. J. H. Doran. 2,336,232; Dec. 7.
- Gas utilization. D. S. Mellett and G. W. Robbins. 2,316,744; Apr. 13.
- Gas, Utilization of petroleum refinery. E. B. Hjerpe and W. A. Gruse. 2,317,603; Apr. 27.
- Gas welding cable. J. E. Bales. 2,310,904; Feb. 9.
- Gaseous diffuser. R. Valdez. 2,321,879; June 15.
- Gaseous discharge device. G. B. Arnold and L. Donn. 2,332,189; Oct. 19.
- Gaseous discharge device. H. Eknayan. 2,314,134; Mar. 16.
- Gaseous discharge device. C. G. Smith. 2,330,848; Oct. 6.
- Gaseous discharge lamp. R. F. Hays, Jr., and A. L. Herman. 2,315,286; Mar. 30.
- Gaseous discharge lamp. L. B. Johnson. 2,313,646; Mar. 9.
- Gaseous discharge lamp. P. A. Kober and T. M. Cortese. 2,318,082; May 4.
- Gaseous discharge lamp. E. Lemmers. 2,329,124; Sept. 7.
- Gaseous discharge lamp. R. N. Thayer. 2,313,683; Mar. 9.
- Gaseous electric discharge device. W. H. Martin. 2,328,989; Sept. 7.
- Gaseous electric discharge device circuit. D. W. Abernathy. 2,326,697; Aug. 10.
- Gaseous electrical discharge tube system. K. J. Germeshausen and H. E. Grier. 2,331,771; Oct. 12.
- Gaseous fuel generator. W. E. and D. B. Humrichouse. 2,323,274; June 29.
- Gaseous fuel mixer. W. R. West. 2,321,719; June 15.
- Gaseous mixture regulator. J. B. Stanford. 2,315,906; Apr. 6.
- Gaseous mixtures, Separation and purification of. A. R. Powell. 2,318,523; May 4.
- Gaseous tube sign. S. Gould and C. V. Baker. 2,319,450; May 18.
- Gases, Analysis of. A. P. Sullivan. 2,335,032; Nov. 23.
- Gases and vapors, Treatment of. A. J. L. Hutchinson. 2,336,097; Dec. 7.
- Gases, Dispensing. J. A. Heidebrink. 2,310,021; Feb. 2.
- Gases for the heat treatment of metals, Producer of protective. K. A. Lohausen. 2,320,149; May 25.
- Gases into liquids, Diffusion of. L. C. Werking. 2,318,728; May 11.
- Gases, Process and apparatus for drying. H. Kahle and S. Stark. 2,316,251; Apr. 13.
- Gases, Purifying. F. Rottmayr. 2,313,022; Mar. 2.
- Gases, Thermal conversion of hydrocarbon. J. W. Throckmorton. 2,320,251; May 25.
- Gases to two stroke internal combustion engines, Supplying of. L. Dufour. 2,329,885; Sept. 21.
- Gases, Treatment of. S. C. Carney. 2,318,752; May 11.
- Gassing apparatus, Filled container. A. L. Kronquest. 2,330,998; Sept. 28.
- Gasket. H. W. Spicer. 2,321,257; June 8.
- Gasket. R. W. Williams. 2,327,837; Aug. 24.
- Gasket construction and mounting same. W. R. Matheny. 2,327,541; Aug. 24.
- Gasket material. W. F. Bernstein and T. F. Mika. 2,330,108; Sept. 21.
- Gasket material. W. F. Bernstein, T. F. Mika, S. M. Ellis, and O. L. Colwell. 2,319,033; May 11.
- Gasket retaining ring. P. D. Merrill. 2,323,482; July 6.
- Gasket, Saddle. R. E. Risley. 2,316,974; Apr. 20.
- Gasoline and oil vapor pressure controller. W. M. Mercer. 2,310,979; Feb. 16.
- Gasoline, Manufacture of. F. E. Frey. 2,312,539; Mar. 2.
- Gasoline, Manufacture of. J. W. Teter. 2,328,178; Aug. 31.
- Gasoline, Manufacture of antiknock. C. K. Viland. 2,325,801-2; Aug. 3.
- Gasoline, Manufacture of high octane. C. W. Montgomery. 2,313,660; Mar. 9.
- Gasoline, Production of. G. E. Liedholm. 2,324,708; July 20.
- Gasoline pump. W. E. Shoemaker. 2,330,634; Sept. 28.
- Gasoline, Refining cracked. W. E. Forney. 2,308,001; Jan. 12.
- Gasoline safety can. C. S. Packer. 2,335,195; Nov. 23.
- Gasoline, Stabilized. R. H. Rosenwald and J. A. Chentick. 2,308,780-3; Jan. 19.
- Gasoline, Sweetening. C. D. Lowry, Jr., and R. E. Sutherland. 2,336,109; Dec. 7.
- Gasoline tank sealing cap. J. E. Eshbaugh and N. Walker. 2,314,330; Mar. 23.
- Gasoline, Treating. J. J. Allinson, J. W. Poole, and F. R. Grant. 2,325,581; Aug. 3.
- Gasoline, Treatment of. J. A. Chentick. 2,329,251; Sept. 14.
- Gasoline, Treatment of. J. A. Chentick. 2,333,294; Nov. 2.
- Gasoline, Treatment of natural. H. L. Hays. 2,337,601; Dec. 28.
- Gate: See—
- Apparatus for control of highway crossing gate. Dam gate.
- Automatic gate. Highway crossing gate.
- Automatic starting gate. Starting gate.
- Gate. T. E. Brown. 2,309,381; Jan. 26.
- Gate. C. N. Dilatash. 2,309,694; Feb. 2.
- Gate closure. M. F. Kemper. 2,330,220; Sept. 28.
- Gate construction, Hydraulic. H. E. Boath, C. F. MacNish, and H. Cole. 2,317,975; May 4.
- Gate-supported yieldable barrier, Horizontal swinging. E. D. Sawyer. 2,311,967; Feb. 23.
- Gate valve. J. Chaplin. 2,316,933; Apr. 20.
- Gate valve. H. D. Wilson. 2,326,988; Aug. 17.
- Gathering apparatus. V. May. 2,330,727; Sept. 28.
- Gauge: See—
- Adjustable gauge. Marking gauge.
- Alignment gauge. Measuring gauge.
- Bed spring gauge. Micrometer gauge.
- Blinker gauge. Miles per gallon gauge.
- Bore gauge. Miter gauge.
- Comparator gauge. Oil gauge.
- Compensated strain gauge. Oil level gauge.
- Conspicuous thickness gauge. Personal height gauge.
- Depth gauge. Pipe cutting gauge.
- Draft gauge. Pipe marking and cutting gauge.
- Drill point gauge. Pirani gauge.
- Electrical gauge. Planer gauge.
- Explosive pressure gauge. Pressure gauge.
- Flat offset gauge. Rip gauge.
- Heat gauge. Rivet gauge.
- High-speed strain gauge. Strain gauge.
- Micrometer gauge. Strike plate gauge.
- Illuminated liquid level gauge. Tank gauge.
- Indicating depth gauge. Telescoping gauge.
- Internal thread gauge. Tire air pressure gauge.
- Knockdown flat offset gauge. Vapour gauge.
- Liquid level gauge. Valve gauge.
- Loom gauge. Water gauge.
- Gauge. V. N. Attaway. 2,309,818; Feb. 2.
- Gauge. J. A. Baracska. 2,321,888; June 15.
- Gauge. A. Eisele. 2,325,995; Aug. 3.
- Gauge. W. Y. Lang. 2,320,938; June 1.
- Gauge. L. H. Loughton. 2,335,775; Nov. 30.
- Gauge. L. L. Lewis. 2,317,925; Apr. 27.
- Gauge. M. Maag. 2,329,067; Sept. 7.
- Gauge. R. R. Reed and J. W. Hanson. 2,332,667; Oct. 26.
- Gauge. S. J. Robins. 2,334,128; Nov. 9.
- Gauge. A. C. Ruge. 2,316,975; Apr. 20.
- Gauge. C. J. Smith. 2,330,453; Sept. 28.
- Gauge and evacuating means for liquefied gas storage tanks. Combination ship tube. L. J. White. 2,326,188; Aug. 10.
- Gauge and method for setting the plate mounting mechanisms of printing press cylinders. J. E. McMullen. 2,321,228; June 8.
- Gauge and milling cutter for propellers, Pitch. H. I. Johnson. 2,318,865; May 11.
- Gauge device, Lubricant. S. B. Wilson. 2,333,838; Nov. 9.
- Gauge for cementing machines. C. T. Batchelder. 2,313,914; Mar. 16.
- Gauge for hack saw blades, Tension. W. H. Shortell. 2,337,629; Dec. 28.
- Gauge for internal screw threads. I. W. Dillon. 2,314,199; Mar. 16.
- Gauge for metallic cartridge belt links. P. O. Persson. 2,318,709; May 11.
- Gauge for power saws. M. V. Tracy. 2,326,416; Aug. 10.
- Gauge for rolling mills and the like. Strain. B. A. Whitkuns and A. Shayne. 2,323,267; June 29.
- Gauge for use with air volume controls, Pressure. B. E. Shaw. 2,326,574; Aug. 10.
- Gauge handle. J. E. Fuhr. 2,337,461; Dec. 21.
- Gauge or comparator, Linear dimension. G. P. Barrott and H. F. Plant. 2,324,813; July 26.
- Gauge or comparator, Linear dimension. H. F. Plant and G. P. Barrott. 2,307,950; Jan. 12.
- Gauge positioning mechanism. H. H. Colson. 2,323,647; July 6.
- Gauge strip. J. A. Campbell. 2,313,920; Mar. 16.
- Gauge testing apparatus. C. W. Clark. 2,329,828; Sept. 21.
- Gauge with thermal current control, Strain. A. C. Ruge. 2,334,843; Nov. 23.
- Gauging and lifting mechanism for implements. W. H. Silver. 2,328,173; Aug. 31.
- Gauging and sorting machine. R. H. Cramer. 2,307,572; Jan. 5.
- Gauging apparatus. O. H. Basquin. 2,321,121; June 8.
- Gauging apparatus. E. R. Leatherman. 2,331,987; Oct. 19.
- Gauging apparatus. G. F. Pembroke. 2,322,954; June 29.
- Gauging apparatus for liquid containers. J. H. Wiggins. Re. 2,367; Aug. 17.
- Gauging device. H. L. Griffith. 2,307,263; Jan. 5.
- Gauging machine. W. J. Fedorchak. 2,327,629; Aug. 24.

- Gauging machine. W. S. Reynolds. 2,307,957; Jan. 12.
 Gauging machine. W. S. Reynolds. 2,321,320; June 8.
 Gauge means for taping machines. J. R. Oliver. 2,316,884; Apr. 20.
 Gauging mechanism for shoe machines. J. T. Lancaster. 2,329,771; Sept. 21.
 Gauging method and means. K. W. Connor and D. I. Boden. 2,308,356; Jan. 12.
 Gauging tool. S. Koller. 2,337,248; Dec. 21.
 Gauge bandages. Producing self-adhering. J. A. Hinkamp and H. R. Brasel. 2,337,390; Dec. 21.
 Gear. *See*—
 Aircraft alighting gear. Hydraulic steering gear.
 Aircraft landing gear. Levered suspension land-
 ing gear.
 Airplane retractable land- ing gear.
 Locomotive power reverse gear.
 Automatic steering gear. Retractable landing gear.
 Change-speed gear. Reversing gear.
 Continuously variable gear. Shockproof gear.
 Convex faced gear. Steering gear.
 Draft gear. Transmission gear.
 Draft and buffing gear. Valve gear.
 Hydraulic gear. Variable crank gear.
 Hydraulic landing gear. Variable speed gear.
 Hydraulic motor gear. Vehicle running gear.
 Gear. T. E. Sullivan. 2,334,515; Nov. 16.
 Gear. E. Wildhaber. 2,308,558; Jan. 19.
 Gear and manufacturing therefor. Cluster. M. A. Ammon. 2,337,222; Dec. 21.
 Gear and the like. F. R. Hensel and E. I. Larsen. 2,331,909; Oct. 19.
 Gear arrangement. L. Gottschalk. 2,337,160; Dec. 21.
 Gear can track and making same. P. J. McLaren. 2,309,704; Feb. 2.
 Gear casing sealing device. Locomotive. G. M. Mierley. 2,327,205; Aug. 17.
 Gear change. Preselecting. H. Hautsch. 2,330,580; Sept. 28.
 Gear crowning. R. S. Drummond. 2,319,117; May 11.
 Gear crowning. R. S. Drummond. 2,325,836; Aug. 3.
 Gear cutting machine. A. A. Grossarth. 2,332,570; Oct. 26.
 Gear cutting machine. J. C. Meier. 2,325,696; Aug. 3.
 Gear cutting machine. C. H. Schurr. 2,335,215; Nov. 23.
 Gear drive for centrifugal machines. C. A. Olcott. 2,314,286; Mar. 16.
 Gear finishing. R. S. Drummond. 2,311,037; Feb. 16.
 Gear finishing. M. B. Mentley. 2,318,179; May 4.
 Gear finishing tool. R. S. Drummond. 2,322,793; June 29.
 Gear finishing tool. M. B. Mentley. 2,329,284; Sept. 14.
 Gear for aircraft. Landing. S. M. Parker. 2,329,441; Sept. 14.
 Gear for aircraft. Retractable landing. D. G. Bridges. 2,333,981; Nov. 9.
 Gear for three graduated speed ratios. Change speed. P. Pfister. 2,327,740; Aug. 24.
 Gear forming machine. A. Kullman and C. Black. 2,326,368; Aug. 10.
 Gear generation. Method and apparatus for. E. W. Miller. 2,308,891; Jan. 19.
 Gear generator. W. E. Sykes. 2,336,760; Dec. 14.
 Gear grinding apparatus. H. W. Semar. 2,316,490; Apr. 13.
 Gear housing. L. W. Falk. 2,327,777; Aug. 24.
 Gear. Hydraulic valve. E. C. Steiner. 2,329,662; Sept. 14.
 Gear pump. G. A. Ungar. 2,338,065; Dec. 28.
 Gear shift-indicator. Automotive-transmission. F. B. Howell. 2,324,396; July 13.
 Gear shift locking device. J. H. Schreiber and F. H. Dean. 2,335,797; Nov. 30.
 Gear shift mechanism. S. Cipullo. 2,323,516; July 6.
 Gearshift mechanism. J. J. Wharam. 2,317,654; Apr. 27.
 Gear shift transmission together with a combined fuel control element and gearshift. Semiautomatic. J. A. H. Barkeel. 2,322,411; June 22.
 Gear shifting means. L. A. Bixby. 2,319,716; May 18.
 Gear shifting mechanism. E. G. Kesling. 2,323,878; July 6.
 Gear shifting mechanism. C. D. Peterson and E. J. Barth. 2,327,550; Aug. 24.
 Gear shifting mechanism. H. W. Price and W. L. Krieg. 2,332,341; Oct. 19.
 Gear speed reducer and the like. F. N. Hoge. 2,313,548; Mar. 9.
 Gear teeth. A. Gazda. 2,335,504; Nov. 30.
 Gear tooth surfaces. Finishing. H. W. Falk. 2,325,237; July 27.
 Gear unit. E. W. Patterson. 2,314,595; Mar. 23.
 Geared limit switch. G. E. King. 2,307,514; Jan. 5.
 Gearing. H. J. Andrew. 2,312,376; Mar. 2.
 Gearing. C. C. Davis. 2,307,394; Jan. 5.
 Gearing. G. B. Godwin. 2,325,392; July 27.
 Gearing. H. F. Schmidt. 2,337,501; Dec. 21.
 Gearing and gear teeth. Spiral. N. Trbojevic. 2,311,006; Feb. 16.
 Gearing. Control mechanism for change-speed. G. T. Randol. 2,335,444; Nov. 30.
 Gearing. Engine starter. B. W. Jones. 2,332,086; Oct. 19.
 Gearing. Engine starter. D. P. Kearney. 2,318,232; Mar. 4.
 Gearing. Engine starting. J. E. Buxton. 2,317,953; Apr. 27.
 Gearing for aircraft. O. Nubling and E. Wirthgen. 2,336,631; Dec. 14.
 Gearing for aircraft propellers. Reduction. S. W. Mansell and W. P. Holloway. 2,319,146; May 11.
 Gearing. Geneva. W. H. Witte. 2,307,170; Jan. 5.
 Gearing. Power transmission. M. A. Wachs. 2,307,174; Jan. 5.
 Gears. Finishing. W. A. Witham. 2,317,161; Apr. 20.
 Gears for wire fabric-making machines. Treating twister. W. W. De Lamatter. 2,327,097; Aug. 17.
 Gears having teeth differing in circular pitch in different segments thereof. Finishing. A. Waldman. 2,307,651; Jan. 5.
 Gears. Mounting of steering. R. C. Stolte. 2,336,511; Dec. 14.
 Gears or the like. Production of. W. A. Tryon. 2,325,989; Aug. 3.
 Gears, particularly helical gears. Examining of. D. Ernst. 2,313,133; Mar. 9.
 Gears. Preloaded. C. B. Hale. 2,310,232; Feb. 9.
 Gears. Producing. L. O. Carls. 2,337,228; Dec. 24.
 Gears. Producing. E. Wildhaber. 2,310,484; Feb. 9.
 Gears. Producing. E. Wildhaber. 2,324,182; July 13.
 Gelatinous material stock. Curing. E. F. Christopher. 2,309,340; Jan. 26.
 Generating mechanism. Curve. C. A. Young. 2,337,144; Dec. 21.
 Generating music electrically. A. T. Cahill. 2,308,051; Jan. 12.
 Generating system. Power. M. H. Elkin. 2,307,365; Jan. 5.
 Generator. *See*—
 Acceleration high frequency generator. Octozone generator.
 Alternating current generator. Oscillation generator.
 Deflection generator. Ozone generator.
 Dual wave generator. Polarized field generator.
 Electric fluid generator. Rotary vapor generator.
 Electric generator. Signal generator.
 Electron discharge oscillation generator. Space discharge type harmonic generator.
 Frequency modulated wave generator. Square wave generator.
 Gas generator. Steam generator.
 Gaseous fuel generator. Synchronized saw-tooth current generator.
 Gear generator. Thermoelectric generator.
 High-pressure steam generator. Ultra high frequency generator.
 High voltage generator. Unit heat field generator.
 Hydraulic generator. Vapor generator.
 Ignition generator. Wind driven electric generator.
 Inductor-type alternating current generator. X-ray generator.
 Lighting generator.
 Generator and modulator. Oscillation. A. D'A. Hodgson. 2,313,071; Mar. 9.
 Generator and motor stabilization. Synchronous. R. H. Park. 2,328,996; Sept. 7.
 Generator and mounting means therefor. H. L. Bone and J. W. Livingston. 2,313,916; Mar. 16.
 Generator control and regulation. M. A. Edwards. 2,330,037; Sept. 21.
 Generator control. Unipolar. C. Lynn. 2,333,540; Nov. 2.
 Generator or boiler. Vapor. G. Decker and F. Riedel. 2,330,559; Sept. 28.
 Generator overdrive. E. M. Clayton. 2,327,769; Aug. 24.
 Generator regulator. W. J. Rady. 2,337,494; Dec. 21.
 Generator regulator. E. I. Shobert, II. 2,315,821; Apr. 6.
 Generator regulator. E. I. Shobert, II. 2,322,669; June 22.
 Generator regulator. E. I. Shobert, II. 2,332,942; Oct. 26.
 Generator transmission. R. H. Hill. 2,310,081; Feb. 2.
 Genera movement. Oil-relieved. K. Brenkert. 2,320,064; May 25.
 Geochemical prospecting. M. A. Arthur. 2,330,021; Sept. 21.
 Geochemical prospecting. L. W. Blau. 2,330,026; Sept. 21.
 Geochemical prospecting. T. H. Dunn. 2,320,577; June 1.
 Geochemical prospecting. L. Horvitz. 2,310,291; Feb. 9.
 Geochemical prospecting. L. Horvitz. 2,319,734; May 18.
 Geochemical prospecting. L. Horvitz. 2,330,716-7; Sept. 28.
 Geochemical prospecting. L. Horvitz. 2,336,176; Dec. 7.
 Geochemical prospecting. L. Horvitz. 2,336,612; Dec. 14.
 Geochemical prospecting. E. E. Rosaire. 2,310,318; Feb. 9.
 Geochemical prospecting. M. S. Taggart, Jr. 2,330,758; Sept. 28.
 Geochemical prospecting method. S. A. Kiss. 2,334,269; Nov. 16.
 Geochemical well logging. L. Horvitz. 2,336,613; Dec. 14.

- Geometrical instrument. L. H. Isaacson. 2,328,879; Sept. 7.
- Geometrical instrument. L. Suverkrop. 2,324,041; July 13.
- Geophysical instrument. H. H. Vane. 2,309,809; Feb. 2.
- Geophone. M. D. McCarty. 2,328,222; Aug. 31.
- Geophysical exploration. H. T. F. Lundberg and N. B. Keevil. 2,330,829; Oct. 5.
- Geophysical exploration system. H. Hoover, Jr., C. G. Morgan, and N. J. Christie. 2,329,721; Sept. 21.
- Geophysical explorations, Making. L. F. Athy and E. V. McCollum. 2,309,817; Feb. 2.
- Geophysical explorations, Making. L. F. Athy and E. V. McCollum. 2,336,053; Dec. 7.
- Geophysical instrument. G. V. A. Gustafsson and J. D. Malmquist. 2,331,904; Oct. 19.
- Geophysical prospecting. W. L. Russell. 2,320,890; June 1.
- Geophysical prospecting. S. A. Scherbatskoy and R. E. Fearon. 2,320,892; June 1.
- Geophysical surveys, Making. S. R. Phelan. 2,314,597; Mar. 23.
- Getter for vacuum tubes. A. J. King. 2,316,127; Apr. 6.
- Gimp-cord guard for buttonhole sewing machines. E. P. Spaine. 2,323,494; July 6.
- Gins. Cotton. H. E. Thompson. 2,315,140; Mar. 30.
- Gin saw cleaner. J. Delashaw and F. D. Gibson. 2,332,783; Oct. 26.
- Gin with valve controlled pneumatic mote discharge, Air blast. J. J. Wallace. 2,322,553; June 22.
- Girdler for timber bridges. W. K. Merridith. 2,333,327; Nov. 2.
- Girdle. L. J. A. Amyot. 2,334,529; Nov. 16.
- Girdle. M. C. Greene. 2,332,141; Oct. 19.
- Girdle or like garment. H. M. Herbener. 2,315,701; Apr. 6.
- Girdle or the like. E. Mahler. 2,328,385; Aug. 31.
- Gladulus corms, Treatment of. G. E. Lynn and F. W. Fletcher. 2,336,270; Dec. 7.
- Gland for centrifugal pumps, Packing. J. G. Dorward, Jr. 2,334,396; Nov. 16.
- Glaremeter. H. R. Higley. 2,321,915; June 15.
- Glare shield mounting. U. C. Kigoulot. 2,328,360; Aug. 31.
- Glass and apparatus therefor. Grinding and polishing. J. C. Benner. 2,309,819; Feb. 2.
- Glass and making the same. H. A. Truby. 2,313,685; Mar. 9.
- Glass and making the same, Black. J. D. Sullivan and C. R. Austin. 2,309,071; Jan. 19.
- Glass article. H. S. Wilson. 2,314,804; Mar. 23.
- Glass article and making it. R. H. Dalton. 2,326,012; Aug. 3.
- Glass article and manufacture thereof. V. Walker. 2,328,533; Aug. 31.
- Glass article, High silica. H. P. Hood and M. E. Nordberg. 2,315,328; Mar. 30.
- Glass article, Making composite. H. P. Hood and M. E. Nordberg. 2,315,329; Mar. 30.
- Glass article, Tempered hollow. H. R. Kiehl. 2,329,057; Sept. 7.
- Glass articles, Making. H. H. Blau and R. W. Kell. 2,314,812; Mar. 23.
- Glass articles, Making. C. H. Greene. 2,314,824; Mar. 23.
- Glass articles, Making stained. H. H. Blau. 2,330,193; Sept. 28.
- Glass articles, Manufacture of hollow. H. F. Teichmann. 2,329,146; Sept. 7.
- Glass articles, Method and apparatus for perforating. R. A. Hinkley. 2,314,826; Mar. 23.
- Glass, Artificial. I. E. Muskat, M. A. Pollack, F. Strain, and W. A. Franta. 2,318,959; May 11.
- Glass, Artificial. I. E. Muskat, M. A. Pollack, F. Strain and W. A. Franta. 2,332,461; Oct. 19.
- Glass articles. A. H. Stewart. 2,333,076; Oct. 26.
- Glass banks, Making. A. Kaziska. 2,330,363; Sept. 28.
- Glass bending apparatus. H. J. Galey. 2,317,904; Apr. 27.
- Glass bending apparatus. H. J. Galey. 2,330,349; Sept. 28.
- Glass blowing machine. J. P. Benoit. 2,314,303; Mar. 16.
- Glass cleaning composition. M. T. Flaxman. 2,313,425; Mar. 9.
- Glass, Coating. C. P. Marsden, Jr. 2,329,632; Sept. 14.
- Glass composition. G. E. Darden. 2,323,643; July 6.
- Glass composition. R. A. Schoenlaub. 2,334,961; Nov. 22.
- Glass compositions. H. Steinbock. 2,335,463; Nov. 30.
- Glass containers of novel distribution, Forming lightweight. H. A. Wadman. 2,336,821; Dec. 14.
- Glass cutter. A. T. Fletcher. 2,312,635; Mar. 2.
- Glass cutter. A. T. Fletcher. 2,325,943; Aug. 3.
- Glass cutting apparatus. J. L. Drake. 2,314,327; Mar. 23.
- Glass cutting machine, Automatic. K. E. Sommerfeld. 2,323,686; July 6.
- Glass drill. S. K. Kotowski. 2,312,176; Feb. 23.
- Glass envelope, Method and apparatus for sealing. F. C. Perkins. 2,334,123; Nov. 9.
- Glass feeding. H. S. Brady. 2,335,386; Nov. 30.
- Glass feeding apparatus. C. A. Brown and C. W. Craig. 2,334,064; Nov. 9.
- Glass, Felted fibrous. G. Slayter. 2,331,145; Oct. 5.
- Glass fiber strand, Coated. A. L. Simison. 2,323,684; July 6.
- Glass fibers, Manufacture of. G. von Pasziczky. 2,331,946; Oct. 19.
- Glass fibers, Method and apparatus for producing. S. M. Dockerty. 2,313,630; Mar. 9.
- Glass fibers, Method of and apparatus for producing. G. von Pasziczky. 2,333,213; Nov. 2.
- Glass fibers, Treating. J. E. Hyde. 2,315,259; Mar. 30.
- Glass, Fining of. F. W. Adams. 2,330,324; Sept. 28.
- Glass forming apparatus. J. T. Littleton. 2,326,044; Aug. 3.
- Glass grinding and polishing machine. P. Maca. 2,332,329; Oct. 19.
- Glass having an expansion lower than that of silica. M. Nordberg. 2,326,059; Aug. 3.
- Glass, Heat rejecting. R. A. Miller. 2,327,918; Aug. 24.
- Glass in plural charges, Feeding molten. W. T. Honiss. 2,310,290; Feb. 9.
- Glass insulation unit. B. J. Dennison. 2,310,402; Feb. 9.
- Glass, Laminated. F. R. Conklin and J. D. Ryan. 2,336,531-2; Dec. 14.
- Glass, Laminated. H. R. Marini. 2,322,582; June 22.
- Glass, Laminated safety. J. D. Ryan and G. B. Watkins. 2,330,313; Sept. 28.
- Glass-lined head for tanks. F. W. Lauck. 2,335,153; Nov. 23.
- Glass making furnace or tank. V. Mulholland. 2,310,454; Feb. 9.
- Glass, Manufacture of fibrous. C. G. Staelin. 2,335,135; Nov. 23.
- Glass, Manufacture of multicellular. B. Long. 2,337,072; Dec. 28.
- Glass, Manufacture of sheet. F. L. Bishop and L. P. Forman. 2,321,975; June 15.
- Glass melting furnace. L. S. Longenecker. 2,328,917; Sept. 28.
- Glass, Method and apparatus for surfacing. M. L. Devol, P. W. Crist, and E. J. Hazen. 2,309,831; Feb. 2.
- Glass, Method of and apparatus for feeding. L. D. Soulier. 2,310,715; Feb. 9.
- Glass, Method of and apparatus for tempering and handling. D. G. Merrill. 2,309,325; Jan. 26.
- Glass molding machine. C. B. Smith and J. R. Johnson. 2,314,290; Mar. 16.
- Glass plates and other glass objects, Hardening. L. von Reis. 2,336,200; Dec. 7.
- Glass plates, Grinding. P. E. M. J. Moles. 2,313,493; Mar. 9.
- Glass plates, Manufacture of. R. R. McGregor. 2,313,566; Mar. 9.
- Glass prism. R. C. Cobel. 2,326,009; Aug. 3.
- Glass, Producing plate and thick. A. E. Spinasse. 2,336,510; Dec. 14.
- Glass products, Fibrous. G. Slayter. 2,332,273; Oct. 19.
- Glass, Reading. R. M. Holliday. 2,322,441; June 22.
- Glass, Refining molten. H. A. Shaddock. 2,331,052; Oct. 5.
- Glass ribbon in fourcault machines, Cooling. R. Tanberg. 2,313,495; Mar. 9.
- Glass run guide. G. T. Balfe. 2,331,835; Dec. 14.
- Glass, Safety night light. C. Lipari. 2,315,803; Apr. 6.
- Glass scoring machine. J. S. Harker. 2,337,888; Dec. 28.
- Glass setting, Safety. D. J. Murnane. 2,312,667; Mar. 2.
- Glass severing apparatus. W. P. Stuckert. 2,323,182; June 29.
- Glass-severing machine. J. L. Anderson. 2,322,336; June 22.
- Glass shaping machine. W. B. Mitchell. 2,316,969; Apr. 20.
- Glass sheet, Compound. J. H. Lewis. 2,337,757; Dec. 28.
- Glass, Sodium calcium borosilicate. U. E. Bowes. 2,308,857; Jan. 19.
- Glass solution. R. N. Wenzel. 2,333,608; Nov. 2.
- Glass solution and glass coating. R. N. Wenzel. 2,308,409; Jan. 12.
- Glass structures, Making long pressed tubular. E. Schwarz. 2,333,745; Nov. 9.
- Glass surfaces, Treatment of. W. E. Campbell. 2,327,868; Aug. 24.
- Glass, Tempering. J. T. Littleton, H. R. Lillie, and W. Shaver. 2,311,846; Feb. 23.
- Glass tempering. G. White. 2,323,404; Aug. 31.
- Glass-to-metal seal. H. J. Miller and J. M. Spooner. 2,334,020; Nov. 9.
- Glass tube baking apparatus. R. M. Gardner. 2,323,214; June 29.
- Glass tubing, Manufacture of. H. F. Teichmann. 2,310,474; Feb. 9.
- Glassware and the like, Repair of broken or damaged. A. M. and E. Landesman. 2,333,186; Nov. 2.
- Glassware blowing mechanism. E. G. Bridges. 2,307,565; Jan. 5.
- Glassware foot. H. Model. 2,331,413; Oct. 12.
- Glassware, Forming hollow. H. A. Wadman. 2,336,822; Dec. 14.
- Glassware forming machine. J. W. Watt. 2,310,721; Feb. 9.

- Glassware handling mechanism. G. B. Langer and J. R. Bradess. 2,307,517; Jan. 5.
- Glassware, Making. H. R. Schutz. 2,327,825; Aug. 24.
- Glassware, Making pressed hollow. L. Poglein. 2,329,136; Sept. 7.
- Glassware, Sealing lengths of. H. H. Snyder. 2,310,469; Feb. 9.
- Glass, Water-soluble beryllium-phosphate. M. Williams. 2,324,124; July 13.
- Glassworking apparatus. A. Büniger. 2,331,604; Nov. 16.
- Grazing device. G. W. Fiedler, Jr. 2,329,438; Sept. 14.
- Grazing unit, Bullet resistant. J. H. Sherts. 2,317,945; Apr. 27.
- Grazing unit, Corrugated glass. L. T. Sherwood. 2,316,993; Apr. 20.
- Grazing unit, Preformed multipane. H. M. Woelfel. 2,327,974; Aug. 24.
- Glide and/or climb control. Automatic. C. J. Crane. G. V. Holloman, and K. K. Stout. 2,345,501; Apr. 6.
- Glider, Chair. A. Oslick. 2,327,286; Aug. 17.
- Glider construction. A. S. Goldberg. 2,337,462; Dec. 21.
- Glider structure. W. I. Smith. 2,311,482; Feb. 16.
- Globe, Folding representation of a. G. A. Eddy. 2,333,162; Nov. 2.
- Globe, Illuminated. R. R. Dupler. 2,307,362; Jan. 5.
- Glove. E. J. Curran. 2,325,482; July 27.
- Glove, H. Evangelista. 2,316,575; Apr. 13.
- Glove. G. W. Grossman. 2,309,501; Jan. 20.
- Glove. M. S. Hanson. 2,307,267; Jan. 5.
- Glove. E. C. Lindfelt. 2,314,545; Mar. 23.
- Glove. E. H. Patterson, Jr. 2,309,476; Jan. 26.
- Glove. C. F. Schuessler. 2,311,133; Feb. 16.
- Glove. T. T. Swietek. 2,335,320; Nov. 30.
- Glove. C. G. Wells. 2,315,588; Apr. 6.
- Glove. C. G. Wells. 2,327,381; Aug. 24.
- Glove. E. G. Willard. 2,327,836; Aug. 24.
- Glove and making, Knitted. W. J. Kuehnle. 2,319,141; May 11.
- Glove and mitt, Baseball. H. B. Latina. 2,311,949; Feb. 23.
- Glove and the like, Baseball. J. A. Dubow. 2,336,724; Dec. 14.
- Glove construction. P. A. Chanut. 2,314,922; Mar. 30.
- Glove, Contact. W. H. Wilcox. 2,311,276; Feb. 16.
- Glove hold. N. L. Fulton. 2,308,166; Jan. 12.
- Glove, Knitted. F. S. Gluck. 2,318,772; May 11.
- Glove, Leather novelty. M. E. Goldstein. 2,333,170; Nov. 2.
- Glove, Rubber. R. S. Lewis. 2,325,330; July 27.
- Glove, Surgical. K. L. Milligan. 2,335,871; Dec. 7.
- Glove, Swimming. E. B. Coddington. 2,317,886; Apr. 27.
- Glove, Swimming. H. D. Eslick. 2,324,375; July 13.
- Glow discharge switch. K. Rath. 2,327,557; Aug. 24.
- Glow switch. W. E. Carpenter. 2,336,923; Dec. 14.
- Glow switch. L. R. Peters. 2,332,809; Oct. 26.
- Glucoside-like compounds of the steroid series and obtaining the same. H. H. Inhofen, M. Gehrke, and W. Schoeller. 2,326,653; Aug. 10.
- Glue, Accelerate setting of. T. A. Wells and J. P. Gaty. 2,320,022; May 25.
- Glue and gelatin, Extracting. D. P. Grettie. 2,327,185; Aug. 17.
- Glue clamp carrier. E. J. Billstrom and A. W. Redin. 2,321,644; June 15.
- Glue machine. R. J. Bowling. 2,320,715; June 1.
- Glue, Seed-meal. D. J. White. 2,312,056; Feb. 23.
- Gluing frame. R. Greevy. 2,331,972; Oct. 19.
- Gluing press. E. J. Klassen. 2,337,250; Dec. 21.
- Glycerine from molasses, Manufacture of fermentation. F. M. Hildebrandt. 2,315,423; Mar. 30.
- Glycinia derivative. R. O. Denyes. 2,333,526; Nov. 2.
- Glycosides of 2-alkyl-1, 4-naphtho-hydroquinone. B. Hiegel and P. C. Smith. 2,336,860; Dec. 14.
- Goal for basketball courts, Adjustable. C. C. Woodburn. 2,313,188; Mar. 9.
- Goggles. G. Miller, Jr. 2,337,617; Dec. 28.
- Goggles. C. H. Dockson and H. S. Davis. 2,309,832; Feb. 2.
- Goggles. L. H. Riddell. 2,333,198; Nov. 2.
- Goggles. J. W. Welsh. 2,317,655; Apr. 27.
- Goggles and goggles case, Combined. A. L. McNeill and L. N. Olsen. 2,307,419; Jan. 5.
- Goggles, Football. D. T. Ryan. 2,321,159; June 8.
- Goggles, Polarizing. J. J. Serrell. 2,334,446; Nov. 16.
- Golf bag. F. G. Cart. 2,325,474; July 27.
- Golf bag support. E. W. Pearson. 2,327,736; Aug. 24.
- Golf bag support. G. S. Thommen. 2,324,439; July 13.
- Golf ball. W. E. Welch. 2,318,547; May 4.
- Golf ball core, Liquid. R. A. Crawford. 2,324,768; July 20.
- Golf ball teeing machine. B. A. Hogeberg. 2,335,280; Nov. 30.
- Golf club. M. E. Kent. 2,336,405; Dec. 7.
- Golf club. E. D. Lukenbill. 2,325,525; July 27.
- Golf club. M. B. Reach. 2,328,583; Sept. 7.
- Golf club. G. L. Reensterna. 2,326,495; Aug. 10.
- Golf club, All in one. C. V. Winter. 2,329,313; Sept. 14.
- Golf club box. W. G. Anderson, Jr. 2,307,349-50; Jan. 5.
- Golf club carrier. R. R. Ratcliff. 2,336,422; Dec. 7.
- Golf club grip. G. P. Reid. 2,308,779; Jan. 19.
- Golf club head. G. L. Bellis. 2,307,193; Jan. 5.
- Golf glove. E. C. Lindfelt. 2,309,516; Jan. 26.
- Golf glove. E. H. Patterson, Jr. 2,309,710; Feb. 2.
- Golf practice and game apparatus. H. W. Schaefer. 2,331,237; Oct. 5.
- Golf practice apparatus. H. W. Schaefer. 2,331,230; Oct. 5.
- Golf practice putting device. P. L. Smith. 2,308,785; Jan. 19.
- Golf practicing device. C. W. Davis. 2,326,524; Aug. 10.
- Golf putting practice green. W. S. Buffham. 2,334,540; Nov. 16.
- Golf scoring device. A. L. Eacrett. 2,308,064; Jan. 12.
- Golf stroke teaching machine. W. E. Bell and F. Farley. 2,328,408; Aug. 31.
- Golf yardage registering device. L. L. King. 2,329,992; Sept. 21.
- Goniometer arrangement, Demountable. H. G. Busignies. 2,335,996; Dec. 7.
- Goods of or containing rubber or similar material, Production of. D. F. Twiss and P. H. Amphlett. 2,321,957; Jan. 15.
- Goods of or containing rubber or similar material, Production of. D. F. Twiss and P. H. Amphlett. 2,331,510; Oct. 12.
- Gooseneck for containers. G. H. Slaughter. 2,310,714; Feb. 9.
- Governing gear for engines and other machines. F. J. Tippen. 2,336,654; Dec. 14.
- Governing mechanism. J. J. Gabalis and F. A. Meyer. 2,309,892; Feb. 2.
- Governing mechanism. A. Rosch. 2,333,044; Oct. 26.
- Governing system. J. J. Ring and B. R. Nichols. 2,310,994; Feb. 16.
- Governing system. J. J. Ring and B. R. Nichols. 2,331,507; Oct. 12.
- Governor. H. C. Edwards. 2,312,212; Feb. 23.
- Governor. A. Kalin. 2,324,514-16; July 20.
- Governor. A. Kalin. 2,325,000; July 20.
- Governor. A. Kalin. 2,333,184; Nov. 2.
- Governor. H. P. Reiber. 2,327,216; Aug. 17.
- Governor. H. H. Turner. 2,307,074; Jan. 12.
- Governor. S. M. Udale. 2,315,912; Apr. 6.
- Governor actuated switch. H. O. Williams. 2,309,309; Jan. 26.
- Governor and decelerometer, Combination speed. E. P. Seaton. 2,322,065; July 15.
- Governor apparatus. W. Schmid. 2,317,812; Apr. 27.
- Governor attachment for impellers. T. M. Kuehn. 2,317,778; Apr. 27.
- Governor, Centrifugal. B. W. Carrington. 2,323,791; July 6.
- Governor, Controlled friction clutch. B. Stechbart. 2,318,433; Mar. 4.
- Governor, Engine. E. M. Claytor. 2,332,697; Oct. 26.
- Governor for internal combustion engines. M. Mallory. 2,322,764; June 29.
- Governor for prime movers. I. M. Crafts and C. B. Taylor. 2,314,841; Mar. 23.
- Governor for revolving doors. E. Pereml and A. Webel. 2,316,184; Apr. 13.
- Governor, Marine engine. P. Beacroft. 2,329,450; Sept. 14.
- Governor, Speed. G. E. Wilkins. 2,336,204; Dec. 7.
- Governor, Speed sensitive. J. W. Marsh. 2,334,720; Nov. 23.
- Governor structure. H. G. Adler. 2,319,654; May 18.
- Governor structure. H. G. Adler. 2,330,657; Sept. 28.
- Governor valve mechanism. O. Lutherer. 2,311,061; Feb. 16.
- Governor, Wide range centrifugal. W. E. Benjamin. 2,317,022; Apr. 20.
- Gown. J. H. Schweich. 2,330,315; Sept. 28.
- Grab. J. J. Kacz. 2,310,869; Feb. 9.
- Grab, Lifting. J. Breslav. 2,337,177; Dec. 21.
- Grab, Stock lifting. J. Breslav. 2,337,178; Dec. 21.
- Grader. E. W. Lowdermilk. 2,312,255; Feb. 23.
- Grader and spreader, Bean. W. E. Meneray. 2,307,529; Jan. 5.
- Grader, Cut string bean. A. R. Thompson. 2,313,375; Mar. 9.
- Grader, Egg. W. E. Petersen. 2,312,774; Mar. 2.
- Grader, Highway shoulder. Le G. H. Lull. 2,321,401; June 8.
- Grader, Quality. E. C. Bauer. 2,320,335; June 1.
- Grader, Road. F. E. Arndt. 2,322,998-9; June 29.
- Grader, String bean. J. K. Urschel and W. de Back. 2,335,891; Dec. 7.
- Grading and separating machine. H. V. Garcia. 2,321,742; June 15.
- Grading apparatus. J. B. Schwab. 2,328,299; Aug. 31.
- Grading apparatus, Subaqueous. J. D. Andrews, Jr. 2,318,587; May 11.
- Grading machine. C. Douthitt. 2,308,590; Jan. 19.
- Grading machine. A. G. B. Metcalf. 2,315,868; Apr. 6.
- Grading machine. A. G. B. Metcalf. 2,325,011; July 20.
- Grading machine. A. G. B. Metcalf. 2,327,283; Aug. 17.
- Grading machine, Leather. C. T. Troy. 2,319,833; May 25.
- Gradiometer, Integrating. E. M. McNatt. 2,320,290; May 25.
- Gradual speed changing device. U. Finzi. 2,330,821; Oct. 5.
- Grain conveyer and storage tank. W. R. Tuttle. 2,330,642; Sept. 28.
- Grain distributor. R. A. Patterson. 2,333,332; Nov. 2.

- Grain door. A. P. Haase. 2,316,688; Apr. 13.
 Grain drill. G. J. Burkhardt. 2,333,089; Nov. 2.
 Grain drill. W. A. Hyland. 2,323,044; June 29.
 Grain drill. W. A. Hyland and R. R. Borngraeber. 2,308,081; Jan. 12.
 Grain drill. T. W. Paul. 2,336,441; Dec. 7.
 Grain drying apparatus. A. B. Osgood. 2,331,720; Oct. 12.
 Grain grader. G. E. Morse. 2,310,647; Feb. 9.
 Grain grinder gate valve. H. M. Johnston. 2,314,706; Mar. 23.
 Grain handling mechanism. G. Innes. 2,328,278; Aug. 31.
 Grain harvesting machine. G. Innes. 2,335,764; Nov. 30.
 Grain measuring device. S. Slaubaugh. 2,333,364; Nov. 30.
 Grain separator. H. Mjolsness. 2,318,249; May 4.
 Grain separator. H. Mjolsness. 2,318,250; May 4.
 Grain separator catch and return device. H. L. Johnson. 2,313,150; Mar. 9.
 Grain trimming device. E. G. Mundy. 2,318,881; May 11.
 Granular material classifier or purifier. W. N. Smith. 2,331,850; Oct. 12.
 Granular materials and product thereof. Coating. J. A. Brown and J. E. Clarke. 2,314,340; Mar. 23.
 Granular materials. Pulverizer. T. A. Smith and R. H. Thompson. 2,314,251; Mar. 16.
 Granulated slag. Method and apparatus for forming. C. F. Mehnzer. 2,308,769; Jan. 19.
 Granules and roofing sheet material surfaced therewith. Colored glazed coated. G. W. Swenson. 2,331,358; Oct. 12.
 Granules and roofing sheet material surfaced therewith. Colored glazed coated roofing. G. W. Swenson. 2,331,868; Oct. 12.
 Granules and the like. Roofing and siding. N. P. Harshberger. 2,321,674; June 15.
 Granules and the like. Roofing and siding. N. P. Harshberger. 2,332,222; Oct. 19.
 Granules, useful as roofing granules, and making the same. Colored surface coated glazed. G. W. Swenson. 2,331,356; Oct. 12.
 Grapes and product produced thereby. Utilizing. A. Perelli-Minetti. 2,324,639; July 20.
 Graphical analyzing device. A. C. Holt. 2,307,131; Jan. 5.
 Graphical computation for the solution of navigation problems and similar problems. Method and apparatus for. R. W. Byrley. 2,309,930; Feb. 2.
 Graphite electrodes. Improving. J. A. M. Mitchell. 2,315,346; Mar. 30.
 Graphite from boron carbide. Removing of intergranular. J. A. Boyer and C. G. Rose. 2,328,780; Sept. 7.
 Grapple. J. Breslav. 2,331,176; Dec. 21.
 Grapple. L. C. Pietsch. 2,329,554; Sept. 14.
 Grass and weed cutter. J. C. Esbeck. 2,325,235; July 27.
 Grass and weed cutter. J. C. Orr. 2,312,972; Mar. 2.
 Grass trimmer. J. A. Spahn. 2,318,430; May 4.
 Grate. A. A. Denny. 2,322,283; June 22.
 Grate. H. P. Katz. 2,323,918; July 13.
 Grate bar lock. J. W. Hall. 2,337,100; Dec. 21.
 Grate construction. F. H. Davies. 2,338,027; Dec. 28.
 Grate. Water cooled. L. M. Eerden. 2,333,141; Nov. 2.
 Grating. R. J. Barry. 2,323,271; June 29.
 Grating. R. J. Barry and C. Rasmussen. 2,333,510; Grating. B. A. Prince. 2,333,554; Nov. 2.
 Grating attachment. W. C. Heath. 2,320,593; June 1.
 Grating, Manufacturing. W. C. Heath. 2,335,181; Nov. 23.
 Grating structure. H. H. Bunker. 2,317,174; Apr. 20.
 Grating structure. G. G. Greulich. Re. 22,278; Mar. 2.
 Grave lining protection unit. R. E. Gleason, P. H. Coffey, and G. Reuter. 2,312,709; Mar. 2.
 Grave marker. W. H. H. Zentmyer. 2,312,859; Mar. 2.
 Gravel packing of wells. V. J. Beissinger. 2,325,218; July 27.
 Gravel packing valve. L. E. Tomlinson. 2,337,429; Dec. 21.
 Graver holder. W. Marsheek. 2,318,004; May 4.
 Gravities. Controlling specific. M. J. Gahimena y Quesada. 2,314,822; Mar. 23.
 Gravimeter. Liquid. G. S. Binckley. 2,321,175; June 8.
 Gravity filtration. E. G. Duden. 2,317,847; Apr. 27.
 Gravity filtration, Hot process. E. G. Duden. 2,317,848; Apr. 27.
 Gravity meter. L. L. Antes. 2,327,692; Aug. 21.
 Gravity meter. F. G. Boucher. 2,327,697; Aug. 24.
 Gravity meter. D. H. Clewell. 2,307,917; Jan. 12.
 Gravity meter. D. H. Clewell. 2,325,005; July 20.
 Gravity meter. D. H. Clewell. 2,337,152; Dec. 21.
 Gravity operable valve. B. H. Shinn. 2,324,999; July 20.
 Grease and manufacture thereof. A. J. Morway and J. C. Zimmer. 2,312,725; Mar. 2.
 Grease. Bearing. G. W. Flint and H. J. Liehe. 2,318,847; May 11.
 Grease composition. Stabilized. R. S. Barnett and G. Kaufman. 2,334,239; Nov. 16.
 Grease dispensing container for filling grease guns. E. P. Sundholm. 2,308,400; Jan. 12.
 Grease fitting. Springless. S. Weiss. 2,313,377; Mar. 9.
 Grease. Gasoline-insoluble. J. L. Meadows. 2,334,274; Nov. 16.
 Grease gun. I. Zimt. 2,317,872; Apr. 27.
 Grease gun and fitting. W. T. Jennings and R. F. Clark. 2,320,780; June 1.
 Grease. Hot neck. L. W. McLennan and O. W. Neukom. 2,319,076; May 11.
 Grease interceptor. E. W. N. Boosey. 2,324,190; July 13.
 Grease manufacture. A. E. Calkins. 2,318,668; May 11.
 Greaseproof characteristics to paper, imparting. E. D. Rich. 2,317,696; Apr. 27.
 Greaseproof folding box. D. Levkoff. 2,333,943; Nov. 9.
 Grease retainer for crank pin bearings. O. B. Schoenky. Grease retainer puller and the like. E. A. McKee and J. A. Schachtel. 2,322,464; June 22.
 Greasehouse. Apr. 13.
 Grease stick. M. T. Flaxman. 2,309,619; Jan. 26.
 Grease trap. E. B. Marple. 2,337,203; Dec. 21.
 Greases. Manufacture of. M. H. Itiner. 2,319,405; May 18.
 Greasehouse eave bracket. K. W. Weeber. 2,333,219; Nov. 2.
 Greenhouse ventilation. J. Blain. 2,316,309; Apr. 13.
 Grenade gun. S. D. Long. 2,315,753; Apr. 6.
 Grenade. Hand. C. H. Braun. 2,334,062; Nov. 9.
 Grenade. Hand. E. D. Hibbs. 2,330,490; Sept. 28.
 Grenade. Hand. P. Kiang. 2,331,198; Oct. 5.
 Grease attachment. W. T. Moorhead. 2,333,339; Nov. 30.
 Grid construction. C. M. Wheeler. 2,310,822; Feb. 9.
 Grid. Kymograph. C. K. Gieringer and E. E. Greenberg. 2,320,587; June 1.
 Grid or shelf, Cooking. W. P. Shepherd. 2,332,117; Oct. 19.
 Grill and chafing dish. H. Volks. 2,310,157; Feb. 2.
 Grill and drip pan therefor. Broiler. J. F. Hennessy. 2,328,978; Sept. 7.
 Grill. Broiler. J. F. Hennessy. 2,321,676; June 15.
 Grill, Cooking. E. J. Tate. 2,335,217; Nov. 23.
 Grille. Adjustable. R. S. Nelson and A. F. Wintercorn. 2,310,539; Feb. 9.
 Grille. Adjustable. D. E. Walker. 2,324,743; July 20.
 Grille construction. R. H. Hutchinson. 2,325,402; July 20.
 Grille for air conditioning apparatus. Outlet. S. J. Levine. 2,324,858; July 20.
 Grille. Heater. G. Herbst. 2,307,586; Jan. 5.
 Grinder. A. L. Evans. 2,319,311; May 18.
 Grinder. E. A. Koether. 2,329,995; Sept. 21.
 Grinder. Abrasive belt. J. G. Bair and J. T. Shull. 2,333,507; Nov. 2.
 Grinder attachment. W. Van Triest. 2,316,904; Apr. 20.
 Grinder. Automatic. C. B. De Vlieg. 2,314,483; Mar. 23.
 Grinder. Cage slot. A. H. Rzeppa. 2,307,640; Jan. 5.
 Grinder. Centerless. G. W. Binns. 2,308,739; Jan. 19.
 Grinder. Combination cutting and surfacing. P. E. Lowe. 2,324,263; July 13.
 Grinder. Cutter. R. A. Franzen. 2,332,510; Oct. 26.
 Grinder. Internal keyway. G. B. Carroll. 2,319,582; May 18.
 Grinder. Knife. G. P. Dorris. 2,318,764; May 11.
 Grinder machine for strip stock or the like. L. Illmer and V. R. Pallas. 2,320,142; May 25.
 Grinder. Meat. C. O. Ness. 2,333,669; Nov. 9.
 Grinder or sander. Flexible. J. G. Florack. 2,330,209; Sept. 28.
 Grinder. Shaft. W. C. Hanrahan. 2,321,081; June 8.
 Grinder. Wire. J. H. Jaeger. 2,319,998; May 25.
 Grinding and/or lapping machine. P. G. Thomas. 2,322,896; June 29.
 Grinding and polishing machine. L. L. Hercik. 2,316,582; Apr. 13.
 Grinding apparatus. W. J. Greenleaf. 2,333,101; Nov. 2.
 Grinding apparatus. H. G. Harries. 2,330,969; Oct. 5.
 Grinding apparatus. E. Huff. 2,329,905; Sept. 21.
 Grinding ball and making the same. R. H. Noderer and L. J. Walker. 2,310,987; Feb. 16.
 Grinding combination and device. W. Favini. 2,329,191; Sept. 14.
 Grinding devices for steels and alloys. Free. B. Egeberg. 2,325,180; July 27.
 Grinding head. L. Stetler. 2,332,676; Oct. 26.
 Grinding machine. H. B. Barrett. 2,325,826; Aug. 3.
 Grinding machine. R. H. Cramer. 2,311,213; Feb. 16.
 Grinding machine. R. H. Cramer. 2,330,809; Oct. 5.
 Grinding machine. R. H. Cramer. 2,333,411; Nov. 2.
 Grinding machine. C. G. Flygare and C. J. Green. 2,331,089; Oct. 5.
 Grinding machine. P. R. Hoffman. 2,308,512; Jan. 19.
 Grinding machine. G. C. Hunt. 2,314,787; Mar. 23.
 Grinding machine. A. E. Mandeville and L. J. Lalime. 2,336,706; Dec. 14.
 Grinding machine. G. T. Muskovin and J. I. Garside. 2,324,266; July 13.
 Grinding machine. C. L. Ott. 2,336,955; Dec. 14.
 Grinding machine. E. Pascucci. 2,316,886; Apr. 20.
 Grinding machine. F. H. Pembroke. 2,331,929; Oct. 19.
 Grinding machine. J. E. Poorman. 2,309,668-9; Feb. 2.
 Grinding machine. R. E. Price, H. E. Balsiger and M. A. Hollengreen. 2,335,356; Nov. 30.
 Grinding machine. J. F. Standish and L. S. Macdonald. 2,332,675; Oct. 26.
 Grinding machine. L. Stetler. 2,326,264; Aug. 10.

- Grinding machine. J. C. Wilson. 2,335,625; Nov. 30.
Grinding machine and method. Internal. W. D. Schmidt and R. A. St. John. 2,329,301; Sept. 14.
Grinding machine. Centerless. C. G. Ekholm. 2,322,619-20; June 22.
Grinding machine. Screw thread. I. J. Snader. 2,316,816; Apr. 20.
Grinding machine steady rest. H. A. Silven. 2,324,958; July 20.
Grinding machine with wheel shifting means. W. F. Ross. 2,332,003; Oct. 26.
Grinding method and apparatus. W. C. Knapp. 2,314,312; Mar. 18.
Grinding mill. W. G. Clark. 2,327,402; Aug. 24.
Grinding mill. W. F. Heller. 2,324,502; July 20.
Grinding mill. P. Hollstein and G. Jack. 2,309,078; Jan. 19.
Grinding mill. J. J. Wallace. 2,316,032; Apr. 6.
Grinding mills. H. H. Scherff and G. F. Hoffmann. 2,323,400; July 6.
Grinding. System and method of. C. W. Dowsett. 2,332,701; Oct. 26.
Grinding tool. K. I. Harvey. 2,316,161; Apr. 13.
Grinding tool. J. J. O'Brien. 2,323,725; July 6.
Grinding tool dresser. G. A. De Vlieg. 2,313,055; Mar. 9.
Grinding wheel. L. Cues. Jr. 2,309,575; Jan. 26.
Grinding wheel. S. S. Kistler. 2,327,846; Aug. 24.
Grinding wheel. R. H. Lombard and L. H. Milligan. 2,332,241; Oct. 19.
Grinding wheel dresser. Adjustable. H. W. Kropf. 2,324,937; July 20.
Grinding wheel dressing tool. E. L. Meeson and J. I. Meeson. 2,324,942; July 20.
Grinding wheel truing apparatus. L. A. Kasparsen. 2,326,018; Dec. 7.
Grinding wheel truing device. E. V. Statia, Sr. 2,326,758; Dec. 14.
Grinding wheel truing mechanism. L. M. Davis. 2,332,560; Oct. 26.
Grip. B. J. Riekenbacher. 2,308,627; Jan. 19.
Grip and belt. Safety scaffold. J. Frankel. 2,333,646; Nov. 9.
Grip for electric irons. Hand. B. J. Murphy. 2,324,226; July 13.
Grip. Materials testing. R. L. Templin. 2,317,826; Apr. 27.
Grip. Safety. W. H. Bass. 2,308,485; Jan. 19.
Grip. Safety. L. Welch. 2,333,351; Nov. 2.
Grip. Wire line. S. Bullum. 2,329,289; Sept. 14.
Gripping mechanism. E. A. Matteson and D. V. Strock. 2,318,242; May 4.
Gripping member for billet surfacing machines and the like. E. W. Haackler and W. Moyle. 2,326,778; Aug. 17.
Grip. Poultry. V. H. Shea. 2,331,807; Oct. 12.
Grommet. D. F. Shepherd. 2,312,364; Mar. 2.
Grommet. R. D. Winkelmeyer. 2,311,427; Feb. 16.
Groove cutting machine. G. R. Kelm. 2,332,646; Oct. 26.
Grooves of gear shaving tools. Finishing the tooth. W. F. Ross. 2,338,061; Dec. 28.
Ground clamp. D. P. Andrews and B. D. Heeger. 2,329,508; Sept. 14.
Ground coat. Porcelain enamel. G. H. McIntyre and E. E. Bryant. 2,321,763; June 15.
Ground connections. Method and apparatus for determining resistance of. J. F. Atkinson. 2,337,962; Dec. 28.
Ground track tracer and landing recorder. E. Norden and A. R. Weckel. 2,332,523; Oct. 26.
Ground working device. R. A. Norton. 2,319,255; May 18.
Ground working tool for agricultural implements. P. J. Anderson. 2,325,579; Aug. 3.
Grounding equipment for electrical apparatus. F. H. Luecke. 2,308,528; Jan. 19.
Grounds, and other earthy and stony masses and structures. Impermeabilizing, tightening, or consolidating. G. H. van Leeuwen. 2,319,020; May 11.
Grounds and other earthy and stony masses and structures. Impermeabilizing, tightening, or consolidating. G. H. van Leeuwen. 2,329,148; Sept. 7.
Grouting means and process. F. D. Sullivan. 2,320,954; June 1.
Guanamines. Preparing. D. E. Nagy. 2,309,661; Feb. 2.
Guanamines. Preparing. W. N. Oldham. 2,309,664; Feb. 2.
Guanamines. Preparing. J. T. Thurston. 2,309,679; Feb. 2.
Guanamines. Preparing substituted. W. N. Oldham. 2,309,663; Feb. 2.
Guanidine ammonium ferrocyanide. U. Liddel. 2,326,107; Aug. 3.
Guanyl urea formate. Preparing. D. W. Jayne, Jr., and H. M. Day. 2,323,869; July 6.
Guanylurea salts. J. T. Thurston and R. C. Swain. 2,310,045; Feb. 2.
Guanyl ureas. Preparation of. D. W. Jayne, Jr. 2,311,296; Feb. 16.
Guard. E. Gehrs. 2,332,632; Oct. 26.
Guard. Aircraft windshield safety. J. De Stefano. 2,328,305; Aug. 31.
Guard and brake for skating shoes. Toe. J. Terzi. 2,308,251; Jan. 12.
Guard. Belt wrapper. A. C. Goins. 2,325,504; July 27.
Guard. Combination cable and plate highway. A. E. Brickman. 2,317,248; Apr. 20.
Guard device for paper and like machines. L. Boraks. 2,326,608; Aug. 10.
Guard. Drainboard. S. Chambers. 2,323,454; July 6.
Guard. Face. R. A. Powell. 2,333,336; Nov. 2.
Guard. Fingernail. S. Silverman. 2,323,854; July 6.
Guard. Folding walking and skating. A. Nelson. 2,316,100; Apr. 6.
Guard for drinking troughs of poultry fountains. Safety sanitary. C. E. Hedrick. 2,316,426; Apr. 13.
Guard for grinding wheels. F. O. Harris. 2,320,130; May 25.
Guard for looms. Grease. W. H. Fowler. 2,317,186; Apr. 20.
Guard for paper indicated dobbies. R. G. Turner. 2,317,564; Apr. 27.
Guard for poultry drinking fountains. Sanitary safety. C. E. Hedrick. 2,316,427; Apr. 13.
Guard for punch presses and the like. Safety. J. J. Booth. 2,315,151; Mar. 30.
Guard for safety pins. C. B. Rhoten. 2,308,826; Jan. 19.
Guard for ships. Torpedo. W. E. Methvin. 2,321,842; June 15.
Guard for shoe heels. A. H. Deoley. 2,323,520; July 6.
Guard for sofa beds. Hinge. H. W. Neunherz. 2,317,105; Apr. 20.
Guard for valves. Fitting. R. D. McIntosh. 2,327,654; Aug. 24.
Guard for welding tools. D. Paul. 2,337,767; Dec. 28.
Guard grating for turbine plants. C. F. Fredén. 2,327,703; Aug. 24.
Guard. Highway. A. E. Brickman. 2,317,249; Apr. 20.
Guard. Kidney. G. C. Reynolds. 2,320,705; June 1.
Guide plate apparatus. C. J. Hasson. 2,308,972; Jan. 19.
Guard. Propeller. B. A. Sink. 2,319,640; May 18.
Guard. Ribbon. R. G. Katchford and A. W. Metzner. 2,320,394; June 1.
Guard. Road. A. E. McNabb. 2,326,547; Aug. 10.
Guard. Saw. M. Uremovich. 2,313,686; Mar. 9.
Guard. Sewing machine needle. M. N. Dunlap and G. Fortney. 2,317,185; Apr. 20.
Guard. Ship. L. Simeone. 2,323,853; July 6.
Guard. Splash. H. R. Davis and J. B. Foley. 2,319,664; May 18.
Guard. Windshield safety. J. De Stefano. 2,328,263; Aug. 31.
Guide. Adjustable cable. J. M. Gwinn, Jr., and E. Berger. 2,329,529; Sept. 14.
Guide and filler. Thermo model. E. I. Mintz. 2,310,912; Feb. 9.
Guide and retarder for binders. Grain. F. Wengler. 2,322,706; June 22.
Guide apparatus for centrifugal blowers and pumps. A. Bichi. 2,311,024; Feb. 16.
Guide for automatic machine guns. Cartridge. F. T. Moore. 2,327,922; Aug. 24.
Guide for copypolders. Line. H. Van Buren. 2,331,149; Oct. 5.
Guide for elevators. E. A. Sahlin. 2,308,210; Jan. 12.
Guide for endless tracks. E. L. Allen and H. B. Muster. 2,330,195-6; Sept. 28.
Guide for endless tracks. E. L. Allen and H. B. Muster. 2,330,786; Sept. 28.
Guide for fishing poles. Line. E. H. Kruse. 2,319,462; May 18.
Guide for fishing rods. Line. J. A. Brown. 2,317,129; Apr. 20.
Guide for Kelly bars. O. L. Derrick. 2,312,804; Mar. 2.
Guide for molten silicates. M. Auvärter, A. Jede, and K. Ruthardt. 2,323,000; June 29.
Guide for rail mills. R. F. Kinter and R. G. Stewart, Sr. 2,333,937; Nov. 9.
Guide for sewing machines. Uncurling. H. Hacklander. 2,318,385; May 4.
Guide for sewing machines. Uncurling. H. Hacklander. 2,336,354; Dec. 7.
Guide for strip collars. C. J. Klein. 2,322,784; June 29.
Guide for tools. Magnetic. C. S. Fennell. 2,323,319; July 6.
Guide or folder for sewing machines. Binder. A. J. Bloodgood. 2,318,047; May 4.
Guide raising device. E. K. Bauer. 2,329,449; Sept. 14.
Guide roller support. A. Schroder and O. Falk. 2,322,977; June 29.
Guide. Rolling mill. C. W. Hawthorne. 2,325,397; July 27.
Guide. Sash-cord. A. G. Kroker. 2,315,970; Apr. 6.
Guide. Tape. F. J. Rouan and F. L. Ford. 2,321,426; June 8.
Guide. Wire line. L. L. Thompson. 2,316,727; Apr. 13.
Guide. Word. H. G. Robinson. 2,309,358; Jan. 26.
Guide. Yarn. M. R. Bachlotte. 2,328,541; Sept. 7.
Guiding and controlling device for cowlings. R. Ramshorn. 2,330,622; Sept. 28.
Guiding arrangement for top rolls. W. Stahlecker. 2,326,979; Aug. 17.

- Guiding device. R. J. Stoker. 2,309,547; Jan. 26.
Guiding means for press platens. P. E. Flowers. 2,321,741; June 15.
Guitar and guitar nut. W. J. Smith and G. H. Smith. 2,309,082; Jan. 26.
Gun guinea in fats, incorporating. J. L. Doegey. 2,308,912; Jan. 19.
Gun inhibitor. A. A. Persyn. 2,318,710; May 11.
Gummed bodies. F. W. Humphner. 2,310,292; Feb. 9.
Gun. H. S. Bacon. 2,317,579; Apr. 27.
Gun. C. P. Caulkins. 2,337,309; Dec. 21.
Gun. C. P. Caulkins. 2,337,647; Dec. 28.
Gun. W. T. Gorton. 2,322,760; June 29.
Gun. W. Summerbell. 2,325,319; Nov. 30.
Gun. W. Summerbell. 2,335,889; Dec. 7.
Gun, Air. W. R. Benjamin. 2,331,163; Oct. 5.
Gun, Air-cooled. H. Scott-Paine and R. W. Jaggard. 2,337,840; Dec. 28.
Gun and gunner's seat mount, Aircraft. T. E. Horn-castle. 2,320,238; May 25.
Gun and projector, Mechanical. R. L. Baldwin and J. B. Chapman. 2,331,368; Oct. 12.
Gun barrel mounting. S. G. Green. 2,326,139; Aug. 10.
Gun barrels, Rifling. O. W. Bonnafé. 2,317,514; Apr. 27.
Gun barrels, Rifling. O. W. Bonnafé. 2,330,863; Oct. 5.
Gun boring tool. H. C. Pierle. 2,320,333; May 25.
Gun, Casings. F. L. Alexander. 2,317,476; Aug. 21.
Gun, Caulking. A. G. Peters. 2,317,299; Apr. 20.
Gun charger. T. W. Gasser. 2,332,631; Oct. 26.
Gun, Crossbow. J. E. Carlson. 2,313,803; Mar. 16.
Gun, Demountable electron. J. Hillier. 2,319,061; May 11.
Gun-firing mechanism. B. P. Joyce. 2,327,047; Aug. 17.
Gun, Fluid dispensing. M. Harris. 2,317,270; Apr. 20.
Gun for oil well casings, Perforating. L. E. Couch. 2,327,340; Aug. 24.
Gun for spindles and the like, Oiling. J. P. Laird. 2,308,181; Jan. 12.
Gun, Grease. J. W. Crollie. 2,317,887; Apr. 27.
Gun laying mechanism. V. Ulrich and R. Diener. 2,312,508; Mar. 2.
Gun, Lock picking. S. Segal. 2,309,677; Feb. 2.
Gun, Machine. S. B. Howe. 2,330,362; Sept. 28.
Gun mount. J. F. Haberlin. 2,307,582; Jan. 5.
Gun mount. G. Webb. 2,318,348; May 4.
Gun mount, Twin. J. C. Trotter. 2,309,808; Feb. 2.
Gun, Perforating. A. A. Tauben. 2,334,964; Nov. 23.
Gun perforator. L. Spencer. 2,326,406; Aug. 10.
Gun perforator. L. Spencer. 2,327,141; Aug. 17.
Gun perforator. L. Spencer. 2,331,057; Oct. 5.
Gun perforator. R. R. Thompson and W. D. Mounce. 2,316,728; Apr. 13.
Gun perforator. G. F. Turechek. 2,328,308; Aug. 31.
Gun perforator. A. J. Zschokke. 2,326,114; Aug. 10.
Gun, Pistol type dart. J. J. Gora and E. J. Wyrick. 2,321,077; June 8.
Gun, Pneumatic. A. Boynton. 2,307,015; Jan. 5.
Gun, Pump type dart. J. J. Gora and E. J. Wyrick. 2,321,076; June 8.
Gun rifling machine. W. F. Greene and W. R. Meyer. 2,319,451; May 18.
Gun rifling machine. W. F. Greene and H. F. Stoffregen, Jr. 2,319,155; May 4.
Gun rifling machine. A. Ralche. 2,320,750; June 1.
Gun sight. B. Lobdell. 2,311,186; Feb. 16.
Gun sight, Luminous. G. H. Davis. 2,336,718; Dec. 14.
Gun sighting means. J. Beresky. 2,310,929; Feb. 16.
Gun sighting means. J. Beresky. 2,333,514; Nov. 2.
Gun, Spray. O. Ottoson. 2,323,618; July 6.
Gun, Spray. E. W. Simpson. 2,322,165; June 15.
Gun, Welding. B. E. Winkler. 2,322,611; June 22.
Gun, Well perforating. A. J. Collins. 2,307,360; Jan. 5.
Gunners correction device. W. B. Klemperer. 2,322,455; June 22.
Gunners sight, Combat vehicle. R. C. Walker. 2,308,635; Jan. 19.
Guns, Accessory for shot. D. Barbieri. 2,337,021; Dec. 21.
Guns, Producing. A. W. Keema. 2,331,477; Oct. 12.
Guns, Single trigger mechanism for double barrel. R. H. Point. 2,330,188; Dec. 7.
Gut string with wear resisting coating. F. Salathe, Jr. 2,307,470; Jan. 5.
Gut strings, Making. C. G. Bjorkman. 2,334,170; Nov. 16.
Gutta-percha-like compositions. G. P. Mack. 2,337,908; Dec. 28.
Gyratory crusher. H. H. Rumpel. 2,310,601; Feb. 9.
Gyratory screen. W. J. Parks. 2,313,765; Mar. 16.
Gyro drift control. B. G. Carlson. 2,321,543; June 8.
Gyro rotor, Air spun. L. F. Carter. 2,335,106; Nov. 23.
Gyroscope. J. S. Forster and S. W. Herwald. 2,325,048; July 27.
Gyroscope. G. Z. von Manteuffel and F. Waack. 2,315,167; Mar. 30.
Gyroscope, Directional. F. W. Meredith. 2,334,116; Nov. 9.
Gyroscope, Fluid driven. F. W. Meredith. 2,325,530; July 27.
Gyroscope system. A. M. Fedde. 2,320,354; June 1.
Gyroscope apparatus. W. Möller and G. Z. von Manteuffel. 2,315,216; Mar. 30.
Gyroscopic apparatus. H. M. Samuelson. 2,315,019; Mar. 30.
Gyroscope direction indicator and like instrument. D. Crew. 2,327,623; Aug. 24.
Gyroscope horizon. O. E. Esval. 2,311,652; Feb. 23.
Gyroscope internal combustion engine. P. R. McCrary. 2,311,064; Feb. 16.
Gyro turn units of automatic pilots, Detachable card for. R. M. Veitz. 2,337,602; Dec. 28.
Gyro vertical. L. F. Carter. 2,315,500; Apr. 6.
Gyro wheel. B. G. Carlson. 2,334,249; Nov. 16.
Gyro wheel. R. M. Heintz and B. G. Carlson. 2,334,264; Nov. 16.
Hack saw. W. A. Curry. 2,320,511; June 1.
Hack saw blade holder. R. Baronick. 2,329,030; Sept. 7.
Hack saw frame. R. D. Clemson. 2,308,354; Jan. 12.
Hack saw, Portable electric. E. W. Plumb. 2,330,618; Sept. 28.
Hack saw, Portable power-driven. O. Redenbo. 2,337,769; Dec. 28.
Hair and scalp treating device. F. E. Crimmins. 2,336,717; Dec. 14.
Hair clipper. L. W. Doggett. 2,309,175; Jan. 26.
Hair clipper. F. R. Jenkins. 2,323,046; June 29.
Hair curler. N. L. Fulton. 2,308,167; Jan. 12.
Hair curler. A. Reiter. 2,325,547; July 27.
Hair curler. R. J. Sterling. 2,331,578; Oct. 12.
Hair curling device. L. Eisenman. 2,322,429; June 22.
Hair curling device. M. Freeman. 2,308,653; Jan. 19.
Hair curling device. M. Haberman. 2,325,316; July 27.
Hair curling pad. D. LaBelle, G. Sills, and J. Stefano. 2,334,417; Nov. 16.
Hair cutting device. A. Horowitz and A. van Dam. 2,308,920; Jan. 19.
Hair cutting device. A. Horowitz and A. van Dam. 2,337,391; Dec. 21.
Hair curling or clipping machine. E. H. Law. 2,311,552; Feb. 16.
Hairdressing. A. Casieri. 2,328,192; Aug. 31.
Hairdressing apparatus. G. M. Higgins. 2,334,489; Nov. 16.
Hair dressing device, Pinless. L. V. Bregou. 2,329,821; Sept. 21.
Hair drier. W. L. Hudson. 2,332,639; Oct. 26.
Hair drier. R. Valverde. 2,335,553; Nov. 30.
Hair drying apparatus. C. A. Phipps. 2,314,101; Mar. 16.
Hair drying machine. S. C. Pritchard. Re. 22,339; June 29.
Hair dye applicator. W. Stern. 2,308,215; Jan. 12.
Hair dyes of the so-called oxidation type, Rendering in-offensive. E. Schueller. 2,313,027; Mar. 2.
Hair fastener. H. Wasserman. 2,337,786; Dec. 28.
Hair net. S. Henry. 2,329,676; Sept. 14.
Hair net. L. J. F. Morins. 2,309,135; Jan. 26.
Hairpin. L. C. Shannon. 2,318,804; May 11.
Hairpin, Cross. M. R. Moseley. 2,316,179; Apr. 13.
Hair remover. L. Johnson. 2,314,220; Mar. 16.
Hair retainer for shavers. H. Landsiedel. 2,315,241; Mar. 30.
Hair ribbon bows, Method and device for making. W. Gluck. 2,335,053; Nov. 23.
Hair roll foundation. R. McC. McFadden and E. C. Thompson. 2,308,819; Jan. 19.
Hair shaper. A. W. Tischler. 2,315,297; Mar. 30.
Hair springs to arbors, Securing. E. J. Tix. 2,329,710; Sept. 21.
Hair treating composition. G. Friedman and A. R. Goldfarb. 2,310,687; Feb. 9.
Hair treating device, Portable. P. L. H. Burrell and H. L. Larsen. 2,317,883; Apr. 27.
Hair waving apparatus. L. I. Fink. 2,309,638; Feb. 2.
Hair waving clip. M. Haberman. 2,325,315; July 27.
Hair waving pad. E. A. Gossiaux. 2,314,932; Mar. 30.
Hair winder. H. C. Schlicker. 2,309,359; Jan. 26.
Hair winder. E. J. Yven and E. B. Michaels. 2,309,373; Jan. 26.
Halide composition, Polyvinyl. H. Tucker. 2,316,196-7; Apr. 13.
Halides and making them, Arol formhydroxamic acid. W. H. Hartung and N. Levin. 2,320,234; May 25.
Halides of polyvinyl compounds. W. O. Herrmann and W. Haehnel. 2,325,513; July 27.
Halides, Production of acid. W. S. Calcott. 2,335,259; Nov. 30.
Halo acetal. E. M. Filachione. 2,330,570; Sept. 28.
Halo-substitution of saturated organic compounds. W. E. Vaughan and F. F. Rust. 2,324,249; July 13.
Halo-substitution saturated organic compounds, Catalytic. W. E. Vaughan and F. F. Rust. 2,324,248; July 13.
Halogens acyl derivatives of 4,4'-diaminodiphenyl sulphone. H. A. Shonle and A. M. van Arendonk. 2,333,394; Nov. 2.
Halogens acyl derivatives of 4,4'-diaminodiphenyl sulphone and process of preparing them. H. A. Shonle and A. M. van Arendonk. 2,323,573; July 6.
Halogens substituted acylamino sulphonic acids. H. Martin, H. Jaeslin, R. Hirt, C. Glatthaar, and A. Staub. 2,311,062; Feb. 16.
Halogenated alkyl carbonates and producing the same. B. H. Wojcik. 2,337,172; Dec. 21.
Halogenated carboxylic acid esters, Preparing. J. D. D'anni. 2,320,034; May 25.

- Halogenated compounds containing a sterol nucleus. A. Rutenandt. 2,311,638; Feb. 23.
- Halogenated epoxides. Hydration of. K. E. Marple and T. W. Evans. 2,321,037; June 8.
- Halogenated extreme pressure lubricant. N. D. Williams. 2,326,315; Aug. 10.
- Halogenated olefines. Manufacture of. O. W. Cass. 2,308,489; Jan. 19.
- Halogenated olefins. Preparation of. O. W. Cass. 2,327,174; Aug. 17.
- Halogenated polymers of ethylene. D. Whittaker. 2,316,481; Apr. 13.
- Halogenated pregnanones and pregnandiones. A. Rutenandt. 2,313,732; Mar. 16.
- Halogenated vinyl compound. M. R. Lytton and R. J. Taylor. 2,322,974; Oct. 26.
- Hammer, Body and fender. F. H. Borm. 2,332,050; Oct. 19.
- Hammer, Flexible shaft. M. R. Westover. 2,317,158; Apr. 20.
- Hammer for centrifugal devices and the like. T. A. Ratkowski. 2,309,713; Feb. 2.
- Hammer, Forging. E. G. Eppens. 2,328,969; Sept. 7.
- Hammer, Gas. C. E. Fitch. 2,333,419; Nov. 2.
- Hammer, Insert. Rawhide. M. K. Stevens. 2,317,862; Apr. 27.
- Hammer mill. C. H. Gamble and H. E. Korum. 2,307,400; Jan. 5.
- Hammer mill. H. K. White and G. A. Stephen. 2,308,578; Jan. 19.
- Hammer, Pneumatic. R. J. Champayne. 2,309,097; Jan. 26.
- Hammer, Reflex. A. W. Gray. 2,330,882; Oct. 5.
- Hammer, Sealing. W. E. Johnson. 2,335,150; Nov. 23.
- Hammered metal. Stimulating. G. E. Armentrout. 2,316,041; Apr. 6.
- Hamper, Clothes. T. J. Callan and V. L. Erickson. 2,319,384; May 18.
- Handbag. L. Kaphan. 2,319,694; May 11.
- Handbag. L. Krupp. 2,327,532; Aug. 24.
- Handbag. L. L. Selezneff. 2,331,428; Oct. 12.
- Handbag. J. Zeitenberg. 2,337,860; Dec. 28.
- Hand bag and cover therefor. W. R. Buxton. 2,326,615; Aug. 10.
- Handbag and similar portable enclosure. E. J. Van Iseghem. 2,315,169; Mar. 30.
- Handbag closure device. M. Arnold. 2,337,961; Dec. 28.
- Handbag, Illuminated. J. Cohen. 2,320,409; June 1.
- Handbag, Lady's. E. G. Smith. 2,318,563; May 4.
- Handbag or pocketbook, Lady's. A. Souza. 2,312,130; Feb. 23.
- Handbag or the like. D. Lewis. 2,316,262; Apr. 13.
- Handbag, Translucent bottom. G. B. Hume. 2,334,410; Nov. 16.
- Handbag with tongue-locked walls. J. Rosenkrantz. 2,331,802; Oct. 12.
- Hand brake. P. B. Camp and H. E. Bartsch. 2,318,569; May 4.
- Hand brake. G. E. Dath. 2,331,459; Oct. 12.
- Handcart step or curb jack. A. J. S. Rideout. 2,337,683; Dec. 28.
- Hand conditioning device. E. J. Cloutier. 2,336,073; Dec. 7.
- Hand crank mechanism. R. M. Heintz and P. F. Scofield. 2,323,135; June 29.
- Handkerchief huffer. L. C. Frey. 2,311,938; Feb. 23.
- Hand lamp. C. C. Bohner. 2,326,607; Aug. 10.
- Hand luggage bag. W. H. Bracken. 2,334,895; Nov. 23.
- Hand luggage construction. T. L. Lynam. 2,335,950; Dec. 7.
- Hand luggage construction. J. Ritter, Jr. 2,328,100; Aug. 31.
- Hand protector. R. M. Eisendrath. 2,322,710; June 22.
- Handrail. S. E. Orlicki. 2,310,593; Feb. 9.
- Hand screed, Vibratory. C. Jackson. 2,314,985; Mar. 30.
- Hand stamp. F. A. Mosher. 2,337,487; Dec. 21.
- Hand stamp and stencil therefor. M. S. Biskind. 2,335,992; Dec. 7.
- Hand weaving frame. L. L. Clements. 2,312,388; Mar. 2.
- Hand wheel. E. E. Van Cleave. 2,311,269; Feb. 16.
- Handicap computer. R. Walsh. 2,322,331; June 22.
- Handle. See—
- Auxiliary handle. Oil can, with center operating handle.
 - Basket handle. Outside door handle.
 - Door and regulator handle. Package handle.
 - Door handle. Razor blade handle.
 - Flush type door handle. Saw handle.
 - Gauge handle. Tool handle.
 - Illuminating razor handle. Vehicle door handle.
 - Latch handle. Vehicle window regulator handle.
 - Mop or mop handle.
- Handle. J. F. Bury. 2,308,744; Jan. 19.
- Handle. G. E. Lofgren. 2,337,561; Dec. 28.
- Handle. A. Niedermayer. 2,316,985; Apr. 20.
- Handle. W. C. Stanley. 2,318,975; May 11.
- Handle. P. Wolfers. 2,317,349; Apr. 27.
- Handle and fastener for receptacles, Combined. E. H. Corson, Jr. 2,334,478; Nov. 16.
- Handle and latch operating device. J. P. Maruri. 2,322,040; June 15.
- Handle and lock. Kit bag. J. J. O'Connor. 2,324,638; July 20.
- Handle and separator for bottle carriers. Combined carrying. E. W. Hutchings. 2,335,859; Dec. 7.
- Handle assembly. A. C. Andersen. 2,329,379; Sept. 14.
- Handle assembly. G. F. Dey. 2,317,592; Apr. 27.
- Handle assembly. D. R. Mattoon. 2,307,145; Jan. 5.
- Handle-attaching device. B. R. Thiele. 2,332,765; Oct. 26.
- Handle clamp. L. G. Webster. 2,337,580; Dec. 28.
- Handle construction and mounting therefor. E. D. Pellegrini and H. H. Ring. 2,314,596; Mar. 23.
- Handle construction for ranges. J. F. Hennessy. 2,321,141; June 8.
- Handle device. M. T. Rheingans. 2,312,264; Feb. 23.
- Handle device for toilet seats and covers. Lifting. L. Opper. 2,318,518; May 4.
- Handle, draw pull or the like. G. V. Jakeway. 2,329,767; Sept. 21.
- Handle for bottles. C. Chew. 2,307,390; Jan. 5.
- Handle for caskets, etc. A. A. Sidi. 2,334,682; Nov. 16.
- Handle for ladies' handbags. Flashlight. A. and H. Gold. 2,334,084; Nov. 9.
- Handle for locks for automobile bodies. Optional safety. E. G. Simpson. 2,311,034; Feb. 2.
- Handle for mattresses. P. C. Bednarek. 2,330,192; Sept. 28.
- Handle for milk cans. P. W. Mollenhauer. 2,322,871; June 29.
- Handle for ranges. H. H. Ring. 2,329,298; Sept. 14.
- Handle for storage batteries. G. A. Paddock. 2,318,792; Apr. 11.
- Handle for utensils. R. E. Faber. 2,325,841; Aug. 3.
- Handle grip. T. L. Fawick. 2,318,682; May 11.
- Handle mechanism for reels. W. D. Marr. 2,316,266; Apr. 13.
- Handle reinforcing device. V. J. Koslancic. 2,323,545; July 6.
- Handle structure. F. E. Sette. 2,314,522; Mar. 23.
- Handling and racking platform. Pipe. D. R. Moore. 2,326,052; Aug. 3.
- Handling and weighing machine. Material. L. J. Nowak, Jr. 2,327,367; Aug. 24.
- Handling mechanism. Stick. H. Slemund. 2,321,632; June 15.
- Handling of rod bundles or the like. M. Morgan and J. N. Whalen. 2,328,388; Aug. 31.
- Handling tools, Shock cord. F. A. Treadwell. 2,321,263; June 8.
- Hanger. See—
- Adjustable garment hanger. Mattress handle.
 - Adjustable hanger. Merchandise display hanger.
 - Awning hanger. Multiple garment hanger.
 - Bar hanger. Paint hanger.
 - Boot hanger. Picture hanger.
 - Coat and trousers hanger. Pipe hanger.
 - Coat hanger. Plate hanger.
 - Coin lock coat hanger. Propeller nut hanger.
 - Curtain hanger. Shade and curtain hanger.
 - Curtain rod and hanger. Soap cake hanger.
 - Garage door hanger. Soap hanger.
 - Garment hanger. Stiffened garment hanger.
 - By-pass type liner hanger. Tracing hanger.
 - Chow hanger. Variable support hanger.
 - Dress form and hanger.
 - Liner hanger.
- Hanger. J. O. Reed. 2,316,103; Apr. 6.
- Hanger for sliding doors. R. L. Long. 2,322,529; June 22.
- Hanger having suspension members of plastic material. Garment. J. Bolten and H. Spitz. 2,318,664; May 11.
- Hanging material. Impregnated. H. F. and J. V. Bauer and D. M. Hawley. 2,326,118; Aug. 10.
- Hardboard, Making. W. H. Mason, R. M. Boehm and G. G. Simpson. 2,317,394; Apr. 27.
- Hard nickel plating. Electrodepositing. A. Wesley. 2,331,751; Oct. 12.
- Hardenable resins and new composition of matter. Accelerating the hardening of. H. Honel. 2,330,286; Sept. 28.
- Hardness tester. D. F. Sklar. 2,333,747; Nov. 9.
- Hardness testing machine. D. H. Harris. 2,330,578; Sept. 28.
- Hardness testing tool. L. J. Markwardt. 2,332,925; July 13.
- Hardware. K. C. Bugg. 2,338,024; Dec. 28.
- Hardware. H. W. Neunherz. 2,312,185; Feb. 23.
- Hardware. H. W. Neunherz. 2,314,418; Mar. 23.
- Hardware. H. W. Neunherz. 2,319,254; May 18.
- Hardware for concrete forms. R. L. Geer. 2,313,637; Mar. 9.
- Harmonica, Chromatic. K. Scherer. 2,335,453; Nov. 30.
- Harmonicas, Manufacture of. C. E. Wetzler and P. F. Boehm. 2,317,425; Apr. 27.
- Harness, Ignition. H. M. Wilkoff. 2,322,903; June 29.
- Harness, Leash. W. A. Parth. 2,333,488; Nov. 2.
- Harness, Loom. J. J. Kaufmann. 2,315,796; Apr. 6.
- Harness, Prisoner's. E. R. Wilson. 2,324,183; July 13.
- Harness, Seat. M. Watter. 2,312,946; Mar. 2.
- Harness, Shockproof parachute. J. H. Strong. 2,336,312; Dec. 7.
- Harrow. C. O. Challand. 2,321,359; June 8.

- Harrow. P. L. Donovan. 2,321,663; June 15.
Harrow. J. Juliot. 2,320,000; May 25.
Harrow. J. R. Kovar. 2,317,537; Apr. 27.
Harrow. Articulated and liftable toothed. J. F. Rude. 2,336,152; Dec. 7.
Harrow, Disk. J. P. Seaholm. Re. 22,327; May 25.
Harrow, Disk. J. P. Seaholm. 2,320,015; May 25.
Harrow, Disk. T. M. Thomas. 2,334,455; Nov. 16.
Harrow, Disk. C. H. White. Re. 22,333; June 8.
Harrow, Disk. C. H. White. 2,318,275; May 4.
Harrow, Disk. C. H. White. 2,327,834; Aug. 24.
Harrow disk mounting. E. E. Walker. 2,314,469; Mar. 23.
Harrow, Offset disk. E. Cook. 2,337,801; Dec. 28.
Harrow, Spring tooth. J. F. Rude. 2,333,586; Nov. 2.
Harrow, Spring tooth. E. F. Wadelton and T. M. Thomas. 2,307,436; Jan. 5.
Harrow, Bearing and spacing device for disk. J. P. Seaholm. 2,331,738; Oct. 12.
Harvester. E. G. Blackledge. 2,328,605; Sept. 7.
Harvester. J. R. Brogard and F. B. De Bleeck. 2,327,864; Aug. 24.
Harvester. W. J. Coultas and R. L. Dort. 2,337,592; Dec. 28.
Harvester. E. F. Huddle. 2,320,134; May 25.
Harvester. M. J. Mitchell and B. M. Hyman. 2,334,945; Nov. 23.
Harvester, Bean. R. Rico. 2,325,879; Aug. 3.
Harvester, Bean. F. S. Sevcovic. 2,334,729; Nov. 23.
Harvester, Beet. W. E. Urschel. 2,331,520; Oct. 12.
Harvester, Beet. C. W. Walz. 2,337,698; Dec. 28.
Harvester, cutter bar. N. Sorenson. 2,314,905; Mar. 16.
Harvester, Grass seed. E. M. Dowd and C. S. Johnston. 2,328,713; Sept. 7.
Harvester or clipper, Lycopodium. R. H. Bishop, Jr. 2,325,734; Aug. 3.
Harvester platform. L. A. Paradise. 2,324,171; July 13.
Harvester platform mounting. R. L. Anderson. 2,329,714; May 19.
Harvester platform mounting means. W. A. Blaser. 2,322,276; June 22.
Harvester reel. J. M. Dalimata. 2,329,596; Sept. 14.
Harvester-thresher. R. B. Johnston. 2,312,838; Mar. 2, 30.
Harvester-thresher. C. J. Scranton. 2,314,901; Mar. 2.
Harvester-thresher. A. B. Welty. 2,314,259; Mar. 16.
Harvester-thresher. Combination. N. R. Krause. 2,336,263; Dec. 7.
Harvester-thresher combine. W. R. Dray. 2,321,019; June 8.
Harvester-thresher, Self-propelled. L. P. Millard and J. D. Pool. 2,318,409; May 4.
Harvester, Vegetable. O. A. Strassman. 2,323,688; July 6.
Harvesting apparatus, Beet. L. P. Savage. 2,319,559; May 18.
Harvesting apparatus, Sea moss. E. R. Knowlton, G. F. Doucette, and J. W. Eager. 2,320,283; May 25.
Harvesting machine. R. L. Anderson and C. R. Arnold. 2,319,188; July 4.
Harvesting machine. E. F. Huddle. 2,325,857; Aug. 3.
Hasp. B. Thiele. 2,314,180; Mar. 16.
Hasp. 2,325,473; July 27.
Hat. L. Davis. 2,331,661; Oct. 12.
Hat, Adjustable. A. M. Broudy. 2,329,586; Sept. 14.
Hat adjusting means. R. L. Brill and S. Lipton.
Hat and method of making the same. G. M. Rickus and W. L. Braun. 2,322,254; June 22.
Hat blocking apparatus. E. Cairns. 2,316,047; Apr. 6.
Hat bodies, Finishing treatment for felt and felt. E. Loewy. 2,337,758; Dec. 28.
Hat brim pouncing machine. P. Schultze. 2,309,141; Jan. 26.
Hat construction. E. J. King. 2,313,381; Mar. 9.
Hat fastening device. F. Nelkin. 2,315,449; Mar. 30.
Hat indicator. H. Roilnick. 2,320,472; June 1.
Hat machine. F. F. Dow. 2,313,038; Mar. 9.
Hat pin. J. I. Ellerstein. 2,317,746; Apr. 27.
Hatpin and the like. J. I. Ellerstein. 2,308,000; Jan. 12.
Hat, Protective. G. H. Boika, Jr. 2,317,954; Apr. 27.
Hats, Dyeing panama. G. M. Rickus, W. L. Braun, and S. G. Hoffman. 2,322,968; June 29.
Hatch beam. R. T. Lemon. 2,332,386; Oct. 19.
Hatch cover and hatch cover beam. J. G. Deegan. 2,332,306; Oct. 19.
Hatch for airplanes, Parachute jumper's. T. W. Swiech. 2,335,090; Nov. 23.
Hatch for railway car roofs. A. Campbell. 2,309,237; Jan. 26.
Hay buck, stacker, and loader, Combination. K. V. Cope and H. H. Helmers. 2,311,523; Feb. 16.
Hay drier. J. Harrington. 2,308,508; Jan. 19.
Hay harvesting machine. M. Neidhart. 2,320,642; June 1.
Head and neck covering device, Combination. I. Tucker. 2,313,458; Mar. 9.
Head, Angle. M. J. McCombs. 2,319,465; May 18.
Headband. J. W. Welsh. 2,328,042; Aug. 31.
Head, Extrusion. M. M. Safford. 2,331,139; Oct. 5.
Head fastener for dip barrels. W. J. McGarr. 2,322,534; June 22.
Head for cock plugs. C. R. Stone. 2,328,857; Sept. 7.
Head for enameled tank. J. M. Floyd. 2,325,497; July 27.
Head for gun perforators, Firing. G. F. Turechek and L. Spencer. 2,328,309; Aug. 31.
Headgear. I. Turchin. 2,312,606; Mar. 2.
Headgear connection for helmets, Adjustable. E. B. Maillart. 2,320,244; May 25.
Head guard, Shaver. H. E. Upham. 2,320,807; June 1.
Head, Inducing. H. E. Somes. 2,319,093; May 11.
Head lamp. C. F. Kramer. 2,317,619; Apr. 27.
Head lamp almer. K. D. Scott and R. W. Townsend. 2,337,502; Dec. 21.
Headlight. L. E. Hicks. 2,318,311; May 4.
Headlight and fog light for automobiles, Combination. E. Grunwald. 2,309,448; Jan. 29.
Headlight and parts thereof. M. P. Portnow. 2,314,735; Mar. 23.
Headlight, Concealed. R. L. Grose. 2,331,973; Oct. 19.
Headlight control, Vehicle. L. M. Ashley. 2,329,684; Sept. 21.
Headlight dimmer switch. L. F. Furney. 2,314,930; Mar. 30.
Headlight tester. T. W. Meeder. 2,308,095; Jan. 12.
Headlight tester. R. Schilling. 2,314,559; Mar. 23.
Head, Post driving. A. F. Hill. 2,330,360; Sept. 28.
Headset. C. D. Compton. 2,314,771; Mar. 23.
Headset, Telephone. R. E. Wirsching. 2,337,953; Dec. 28.
Head, Sprinkler. F. and G. Ferrando. 2,315,844; Apr. 6.
Header plug. M. L. Mosher. 2,329,411; Sept. 14.
Header, Superheater. B. Smith and C. Ringel. 2,325,554; July 27.
Headers, Making. G. M. Rose, Jr. 2,314,105; Mar. 16.
Hearing aid, Amplifying. H. B. Shapiro. 2,308,550; Jan. 19.
Hearing aid apparatus. W. D. Penn. 2,308,930-1; Jan. 19.
Hearing aid device. E. C. Nicholides. 2,322,952; June 29.
Hearing aid system. W. Dubilier. 2,321,370; June 8.
Heart stimulants, Obtaining crystallized. E. Rabald and J. Kraus. 2,312,588; Mar. 2.
Hearth charging device, Open. W. H. Mursch. 2,314,729; Mar. 23.
Heat actuated safety shutoff valve. C. M. Bailey. 2,324,552; July 20.
Heat casting refractory blocks. H. T. Smyth. 2,327,674; Aug. 24.
Heatconducting luting material. W. C. Ferguson and P. Sussenbach. 2,311,526; Feb. 16.
Heat control. W. C. McAnlis. 2,318,875; May 11.
Heat control. E. Olson. 2,324,592; July 20.
Heat control apparatus. H. T. Kucera. 2,311,236; Feb. 16.
Heat control time switch. B. Loeffler and J. S. Pelan. 2,322,860; June 29.
Heat curing of materials, Process of and apparatus for the. C. E. Bennett. 2,333,143; Nov. 2.
Heat deflector for circulating heaters. H. E. Fenner. 2,315,154; Mar. 30.
Heat drying construction, Radiant. W. Wilson. 2,317,426; Apr. 27.
Heat dissipating assembly. W. C. Buttner. 2,323,895; July 13.
Heat exchange. F. Ljungström. 2,313,081; Mar. 9.
Heat exchange apparatus. C. H. Carr. 2,311,155; Feb. 16.
Heat exchange apparatus. F. Honerkamp, V. F. Self, and F. J. Kurth. 2,318,393; May 4.
Heat exchange apparatus. R. H. Rover. 2,330,844; Oct. 5.
Heat exchange material. L. O. Hill and L. W. Short. 2,326,041; Aug. 17.
Heat exchange material. L. O. Hill and L. W. Short. 2,333,862; Nov. 9.
Heat exchange screw conveyor. J. D. Christian. 2,321,185; June 8.
Heat exchange surface. M. J. Stanton. 2,308,319; Jan. 12.
Heat exchange tube. H. L. Baker. 2,337,584; Dec. 28.
Heat exchange unit. M. F. Booth. 2,322,341; June 22.
Heat exchanger. E. A. Dewald. 2,322,284; June 22.
Heat exchanger. A. Y. Gunter. 2,316,063; Apr. 6.
Heat exchanger. M. F. Kent and S. L. Jameson. 2,337,899; Dec. 28.
Heat exchanger. W. W. Kraft. 2,323,474; July 6.
Heat exchanger. A. S. Limpert. 2,310,970; Feb. 16.
Heat exchanger. G. D. Mantle. 2,332,450; Oct. 19.
Heat exchanger. W. A. Shaw. 2,311,190; Feb. 16.
Heat exchanger. B. C. Shipman. 2,321,110; June 8.
Heat exchanger. T. Vassiliou. 2,338,016; Dec. 28.
Heat exchanger. Composite soldered. E. Blais. 2,313,315; Mar. 9.
Heat exchanger for catalyst systems, Continuous rotary. W. G. Guild. 2,311,984; Feb. 23.
Heat exchanger, Plate. W. Astle. 2,314,966; Mar. 30.
Heat exchanger, Sectional. E. Blais. 2,327,491; Aug. 24.
Heat exchanger, Surface type. A. Howard. 2,310,086; Feb. 2.
Heat exchanger system. A. A. Abbatiello. 2,332,832; Oct. 26.

- Heat exchanging element. H. D. Sterick. 2,331,437; Oct. 12.
- Heat insulating material. A. H. Happe. 2,328,644; Sept. 7.
- Heat insulating material. C. Turner and B. J. Brady. 2,312,301; Mar. 2.
- Heat measuring method and apparatus. R. Amsler. 2,329,813; Sept. 21.
- Heat power plant. W. Karrer and F. Perrenoud. 2,315,336; Mar. 30.
- Heat protective apparel. L. E. Dickson. 2,327,625; Aug. 24.
- Heat radiating. R. A. L. Seligman. 2,330,632; Sept. 28.
- Heat radiating flames. Producing. H. C. Weller. 2,308,902; Jan. 19.
- Heat recovery system. N. Tithestad and L. N. Allen, Jr. 2,312,235; Feb. 25.
- Heat responsive device. R. E. Newell. 2,307,636; Jan. 5.
- Heat retarding device. H. R. Moulton. 2,314,363; Mar. 23.
- Heat sensitive device. S. G. Isserstedt. 2,336,400; Dec. 7.
- Heat shield. I. C. Stenberg. 2,326,981; Aug. 17.
- Heat stabilizer for polymers of vinyl chloride. W. Scott. 2,319,953; May 25.
- Heat stabilizer for vinyl compounds. W. Scott. 2,319,954; May 25.
- Heat transfer apparatus. R. Esnault-Pelterie. 2,328,439; Aug. 31.
- Heat treating resin size. E. A. Georgi and A. L. Osterhof. 2,337,040; Dec. 21.
- Heat-treating apparatus. R. P. Koehring. 2,327,804; Aug. 24.
- Heat treating apparatus. F. McGuire, Jr. 2,322,305; June 22.
- Heat treating apparatus. T. W. Munford. 2,336,951; Dec. 14.
- Heat treating machine. H. E. Somes. 2,308,788; Jan. 19.
- Heat treating means. W. P. Smith and C. E. Westover. 2,333,344; Nov. 2.
- Heat-treating method. R. O. Day. 2,326,840; Aug. 17.
- Heat treating. Process of. E. G. Gilbertson. 2,321,806; June 15.
- Heat treating. Progressive. F. S. Denneen and W. C. Dunn. 2,329,188; Sept. 14.
- Heat treating vegetable material. A. L. Davis. 2,337,034; Dec. 21.
- Heat-treatment apparatus. R. L. Patterson. 2,326,163; Aug. 10.
- Heat treatment of copper-chromium alloy steels. W. P. Dicby. 2,319,538; May 13.
- Heat treatment of magnesium base alloys. A. Brandt. 2,314,852-4; Mar. 23.
- Heat treatment of vinylidene chloride polymers. J. L. Williams. 2,309,370; Jan. 26.
- Heated ironing table. H. B. Fay. 2,331,673; Oct. 12.
- Heated press. C. L. Huntton. 2,318,399; May 4.
- Heated shoe press pad. M. A. Turski. 2,326,985; Aug. 17.
- Heated surfaces. Quenching. H. E. Somes. 2,321,432; June 8.
- Heater: See—
- Aircraft heater. Fluid heater.
- Automatically controlled heater. Forced air heater.
- Gas heater.
- Automobile heater. Hot-air heater.
- Circulating heater. Laboratory heater.
- Combination low pressure feed heater. Liquid heater.
- Convactor heater. Nickel cord heater.
- Crossless induction heater. Orchard heater.
- Domestic heater. Petroleum heater.
- Electric heater. Portable rivet heater.
- Electric water heater. Room heater.
- Feed-water heater. Solar heater.
- Fire unit carrying case and heater. Space heater.
- Unit heater.
- Water heater.
- Washing machine heater.
- Heater. J. W. Dunn. 2,334,866; Nov. 23.
- Heater. C. E. Meyerhoefer. 2,312,787; Mar. 2.
- Heater. H. J. De N. McCollum. 2,308,888; Jan. 19.
- Heater. L. Meyer and F. Klein. 2,316,273; Apr. 13.
- Heater. C. E. Meyerhoefer, W. C. Ballard, Jr., and J. H. Smoot. 2,324,010; July 13.
- Heater. W. O. Snelling. 2,328,506; Aug. 31.
- Heater. J. R. Weaver. 2,332,606; Nov. 2.
- Heater and generating unit for armored vehicles. Combination. J. M. Colby. 2,321,579; June 15.
- Heater and windshield defroster. H. A. Reynolds. 2,325,427; July 27.
- Heater for engine manifolds. B. Loeffler and J. S. Pelan. 2,320,528; June 1.
- Heater for fluids. M. W. Barnes. 2,330,189; Sept. 28.
- Heater for stock watering tanks. L. Pfisterer. 2,331,081; Oct. 5.
- Heater of fluids. M. W. Barnes. 2,330,188; Sept. 28.
- Heater pad. W. J. De Bry, Jr. 2,316,505; Apr. 13.
- Heater structure. L. W. Welch. 2,319,379; May 13.
- Heater. Unit. L. F. Wilson. 2,330,653; Sept. 28.
- Heaters. Lighter for orchard. W. A. Lea and E. V. Ehrhardt. 2,333,187; Nov. 2.
- Heating. R. J. Parsons. 2,319,704; May 18.
- Heating. F. K. van Almelo. 2,333,602; Nov. 2.
- Heating and air conditioning unit. B. C. Place. 2,312,123; Feb. 23.
- Heating and generating apparatus. Water. V. A. Rohllu and A. E. Kittredge. 2,315,227; Mar. 30.
- Heating and forming tubular bodies. W. C. Heath. 2,322,444; June 22.
- Heating and humidifying system. W. E. Schmoes. 2,323,849; July 6.
- Heating and refrigerating process and apparatus. R. Esnault-Pelterie. 2,310,520; Feb. 9.
- Heating and sterilizing apparatus. S. Duberstein and N. Lawner. 2,329,520; Sept. 14.
- Heating and ventilating. M. F. Moore. 2,309,202; Jan. 26.
- Heating and ventilating. A. A. Olson. 2,310,703; May 18.
- Heating and ventilating apparatus. G. E. Otis. 2,327,663; Aug. 24.
- Heating and ventilating fireplace system. W. A. L. Beyer. 2,333,146; Nov. 2.
- Heating and ventilating means. Automatic. A. C. Peterson. 2,309,356; Jan. 26.
- Heating and ventilating system. W. H. Frankland. 2,337,382; Dec. 21.
- Heating and ventilating system. R. J. Parsons. 2,322,054; June 15.
- Heating and ventilating system. Combination. E. E. Hans. 2,316,421; Apr. 13.
- Heating apparatus. W. G. Chausse. 2,317,441; Apr. 27.
- Heating apparatus. S. P. Foltz. 2,323,530; July 6.
- Heating apparatus. B. Goerg. 2,313,933; Mar. 16.
- Heating apparatus. B. Goerg. 2,326,463; Aug. 10.
- Heating apparatus. B. Goerg. 2,329,465; Sept. 14.
- Heating apparatus. G. Herberster. 2,314,825; Mar. 23.
- Heating apparatus. F. R. Higley. 2,330,125; Sept. 21.
- Heating apparatus. W. S. Landon. 2,329,473; Sept. 14.
- Heating apparatus. W. S. Landon. 2,335,212; Nov. 23.
- Heating apparatus. E. B. Moss and V. J. S. Russell. 2,316,006; Apr. 6.
- Heating apparatus. H. G. Vore. 2,325,086; July 27.
- Heating apparatus. L. A. Williams, Jr. 2,330,322; Sept. 28.
- Heating apparatus. Adjustable. F. S. Denneen and W. C. Dunn. 2,318,468; May 4.
- Heating apparatus. Automotive vehicle. E. L. Mayo. 2,326,242; Aug. 10.
- Heating apparatus. Induction. P. E. Dravneek. 2,321,189; June 8.
- Heating apparatus for injection molding machines. E. S. Bird, L. F. Marsh, and G. Smith. 2,309,496; Jan. 26.
- Heating appliance. W. A. Jones. 2,314,987; Mar. 30.
- Heating device. J. L. Andrews. 2,325,358; July 27.
- Heating device. R. A. Bierwirth. 2,308,043; Jan. 12.
- Heating device. R. A. Bierwirth. 2,314,865; Mar. 30.
- Heating device. H. C. Gillespie. 2,314,875; Mar. 30.
- Heating device. W. L. Mayne. 2,319,698; May 18.
- Heating device. J. L. Mohun. 2,310,645; Feb. 9.
- Heating device. E. Reich. 2,313,968; Mar. 16.
- Heating device. T. E. Turner. 2,333,751; Nov. 9.
- Heating device. F. K. van Almelo. 2,319,711; May 18.
- Heating device for ophthalmic mountings. D. Dodkin and C. L. MacGregor. 2,321,368; June 8.
- Heating device, Induction. E. S. Goodridge. Re. 22,322; May 25.
- Heating element. Surface. A. W. Bull and G. G. Havens. 2,314,766; Mar. 23.
- Heating furnace. E. Ehlers. 2,325,757; Aug. 3.
- Heating means for ironers. J. B. Sando. 2,324,029; July 13.
- Heating means for shoe machine tools. W. S. Robson. 2,321,704; June 15.
- Heating method and apparatus. F. McGuire, Jr. 2,309,128; Jan. 26.
- Heating method and apparatus for compartment. R. R. Anderson. 2,326,318; Aug. 10.
- Heating of fluids. G. W. Thompson. 2,323,498; July 6.
- Heating pad. J. A. Schultz. 2,318,109; May 4.
- Heating process. H. F. Howard and W. R. Flint. 2,336,177; Dec. 7.
- Heating stove. H. R. Bloemasma. 2,316,392; Apr. 13.
- Heating system. L. C. Anderson. 2,307,723-4; Jan. 5.
- Heating system. E. F. Chandler. 2,327,339; Aug. 24.
- Heating system. C. Ellis. 2,322,118; June 15.
- Heating system. B. J. Garvey. 2,319,315; May 18.
- Heating system. H. Giffords. 2,314,086; Mar. 16.
- Heating system. D. Gregg. 2,316,417; Apr. 13.
- Heating system. H. J. De N. McCollum. 2,308,887; Jan. 19.
- Heating system. H. J. De N. McCollum. 2,330,298; Sept. 28.
- Heating system. W. F. Miller. 2,309,524; Jan. 26.
- Heating system. R. E. Moore. 2,322,872; June 29.
- Heating system. R. E. Moore. 2,335,785; Nov. 30.
- Heating system. C. G. Munters and M. Hedmark. 2,307,600; Jan. 5.
- Heating system. C. G. Munters and M. Hedmark. 2,320,532; June 1.
- Heating system. A. B. Newton. 2,331,718; Oct. 12.
- Heating system. F. N. Osterkorn. 2,315,541; Apr. 6.
- Heating system. E. C. Raney. 2,333,818; Nov. 9.
- Heating system. J. H. Robertson. 2,321,940; June 15.
- Heating system. P. S. Russel. 2,310,494; Feb. 9.

- Heating system. A. R. Thomas. 2,311,710; Feb. 23.
 Heating system. T. H. Van Zandt. 2,331,875; Oct. 19.
 Heating system for dry kilns. R. W. Irwin and C. M. Herz. 2,308,332; Jan. 12.
 Heating system. Reverse cycle. A. B. Newton. 2,313,390; Mar. 9.
 Heating system, Vapor. C. F. Mahoney. 2,331,407; Oct. 12.
 Heating unit. W. Toomey. 2,334,361; Nov. 16.
 Heating unit assembly. W. R. Tuttle and F. J. Ewald. 2,328,113; Aug. 31.
 Heating unit. Vertical domestic. A. J. Grindle. 2,311,657; Feb. 23.
 Heating line device. H. A. Calahan. 2,330,470; Sept. 28.
 Heavy duty gyrating bit. J. A. Zublin. 2,336,337; Dec. 7.
 Hectograph blanket conditioning container. J. H. Tathwell. 2,320,835; June 1.
 Hectograph roll cabinet. J. H. Tathwell. 2,313,180; Mar. 9.
 Heel. A. Barton. 2,328,319; Aug. 31.
 Heel. P. Mariani. 2,309,776; Feb. 2.
 Heel-attaching machine. T. H. Seely. 2,317,410; Apr. 27.
 Heel-attaching machine. J. F. Standish. 2,330,316; Sept. 28.
 Heel-attaching machine. W. W. Woolridge. 2,309,153; Jan. 26.
 Heel-breasting machine. B. T. Leveque. 2,310,301; Feb. 9.
 Heel building machine. J. A. McMahon and E. D. Sydw. 2,320,071; Sept. 7.
 Heel building machine. J. A. McMahon and E. Sydw. 2,336,739; Dec. 14.
 Heel concaving machine. G. Clausing. 2,319,298; May 18.
 Heel connection. C. Mackintosh. 2,327,655; Aug. 24.
 Heel construction. H. N. Pearson and H. J. Wiedemeyer. 2,308,104; Jan. 12.
 Heel construction. Full fashioned. J. E. Garrett. 2,319,224; May 18.
 Heel for shoes. F. H. Tobey. 2,312,008; Feb. 23.
 Heel groove molding machine. G. Hazelton and C. H. James. 2,313,937; Mar. 16.
 Heel-holding mechanism. J. F. Standish. 2,332,024; Oct. 19.
 Heel, Molded. H. N. Pearson, H. J. Wiedemeyer, and W. J. Walsh. 2,308,103; Jan. 12.
 Heel pad. M. Margolin. 2,326,790; Aug. 17.
 Heel press and drier, Portable. K. A. Nutt. 2,317,477; Apr. 27.
 Heel-seal fitting machine. L. G. Miller. 2,315,638; Apr. 6.
 Heel-seal fitting machine. L. G. Miller and R. S. Megathlin. 2,323,407; July 6.
 Heel, Shoe. D. Glessner. 2,320,584; June 1.
 Heel sweep or scrape, Adjustable. J. R. Fell. 2,319,048; May 11.
 Heel templates for heel turning machines, Preparing. D. J. Calderazzo. 2,323,453; July 6.
 Height gauge. C. Uman. 2,325,558; July 27.
 Helicopter. J. A. J. Bennett. 2,317,340; Apr. 27.
 Helicopter and controls therefor. I. I. Sikorsky. 2,313,260; May 4.
 Helicopter and operating same. J. A. J. Bennett. 2,317,341; Apr. 27.
 Helix former. A. W. Homes, G. W. Benjamin and L. P. Young. 2,317,530; Apr. 27.
 Helmet, Football. A. Ceriello. 2,320,457; Sept. 14.
 Helmets, Forming. E. B. Oestrike. 2,324,420; July 13.
 Helmets, Forming. E. B. Oestrike. 2,330,732; Sept. 28.
 Hem opening device. E. E. West. 2,308,133; Jan. 12.
 Hematoxylin from logwood extract, Separating. R. W. Shunkwiler. 2,333,050; Oct. 26.
 Hemostatic analgesic, and bacterical composition of matter. N. M. Molnar. 2,322,735; June 22.
 Hermetic seal bottle stopper. H. Ulanet. 2,312,738; Mar. 2.
 Hermetic separable fastener. D. Marinsky and L. H. Morin. 2,321,926; June 15.
 Hermetically sealed bag. A. B. Haslacher and H. A. Rohdin. 2,336,449; Dec. 7.
 Hermetically sealed can. E. Ljungstrom. 2,314,452; Mar. 23.
 Heterocyclic compounds, Preparation of new therapeutically useful. A. J. Ewins and M. A. Phillips. 2,312,032; Feb. 23.
 Heterocyclic compounds, Therapeutically useful. A. J. Ewins and M. A. Phillips. 2,335,221; Nov. 23.
 Heterocyclic nitrogen compounds from mixtures thereof. Isolation of. F. E. Reimers. 2,336,502; Dec. 14.
 Heterocyclic nitrogen containing compounds, and making the same. W. L. Ruigh. 2,317,303; Apr. 20.
 Hexaesters of tetraphosphoric acid. G. Schrader. 2,336,302; Dec. 7.
 Hides, skins and pelts, Treating. J. Pfannmuller. 2,326,798; Aug. 17.
 Hides, Treatment of. J. M. Grim and W. O. Dawson. 2,309,187-8; Jan. 26.
 High alumina refractory. A. E. Fitzgerald. 2,325,181; July 27.
 High chair bib. E. W. Gibson. 2,321,670; June 15.
 High density press. S. Taylor. 2,313,102; Mar. 9.
 High efficiency reflector or searchlight. M. Décalion. 2,313,192; Mar. 9.
 High frequency amplifier circuit. A. van der Ziel and K. S. Knol. 2,314,958; Mar. 30.
 High frequency amplifier circuits. M. J. O. Strutt and A. van der Ziel. 2,317,824; Apr. 27.
 High-frequency apparatus. A. H. Ryan. 2,318,106; May 4.
 High frequency communication system. E. W. Kenefake. 2,330,593; Sept. 28.
 High frequency current shunt. W. F. Skeats. 2,310,126; Feb. 2.
 High-frequency induction furnace. H. J. M. van Embden. 2,308,945; Jan. 19.
 High frequency measuring circuit. T. H. Clark. 2,335,486; Nov. 30.
 High frequency oscillators, Modulator for. E. G. Linder. 2,317,170; May 4.
 High frequency receiver. W. H. Conron and B. W. Suckle. 2,311,522; Feb. 16.
 High frequency system. W. H. Unger. 2,312,374; Mar. 2.
 High frequency tube. F. D. Goodchild. 2,316,236; Apr. 13.
 High frequency tube structure. W. W. Hansen and R. H. and S. F. Varian. 2,311,658; Feb. 23.
 High frequency variable inductance. A. Nowak. 2,332,868; Oct. 26.
 High gantry for load-handling machines. W. M. Huston. 2,335,858; Dec. 7.
 High molecular compounds of the polyamide type and producing same. H. Ufer. 2,333,752; Nov. 9.
 High molecular weight surface active amines. N. B. Tucker. 2,334,517; Nov. 16.
 High power factor and high intensity lamp circuit. W. C. Hall, Jr., and E. L. Le Gette. 2,337,992-3; Dec. 28.
 High pressure container. E. Kopf and R. Wasmuth. 2,312,420; Mar. 2.
 High pressure hose coupling. A. C. Lusher and A. C. Hoffman. 2,314,000; Mar. 16.
 High pressure hose coupling. A. C. Lusher, E. H. Tompkins, and G. G. Howard. 2,314,001; Mar. 16.
 High pressure quenching method and fixture. H. E. Somes. 2,312,597; Mar. 2.
 High-pressure steam generator. J. P. Badenhausen. 2,324,503; June 1.
 High-pressure steam generator. W. Beyer. 2,328,414; Aug. 31.
 High-pressure steam generator. W. Beyer. 2,330,547; Sept. 28.
 High speed cigar machine. H. H. Wheeler. 2,316,828; Apr. 20.
 High speed cutting mechanism. G. H. Perkins and A. L. Stoekel. 2,328,164; Aug. 31.
 High speed drive. W. R. Huttinger. 2,315,429; Mar. 30.
 High speed mill. W. A. McLean. 2,323,149; June 29.
 High-speed roller bearing. F. E. Best. 2,325,099; July 27.
 High-speed rotor apparatus. A. O. Price. 2,335,789; Nov. 30.
 High-speed strain gauge. H. B. Maris. 2,335,869; Dec. 7.
 High temperature apparatus. E. A. Lerner. 2,321,217; June 8.
 High temperature structures, Cooling. J. F. Peters. 2,333,439; Nov. 2.
 High tension electric switch. T. F. Johnson. 2,333,011; Oct. 26.
 High vacuum distillation apparatus. K. C. D. Hickman. 2,308,008; Jan. 12.
 High velocity tensile machinery. A. Nadai and M. A. Manjone. 2,323,724; July 6.
 High voltage apparatus. W. F. Westendorp. 2,307,612; Jan. 5.
 High voltage electric circuit breaker. H. Thommen. 2,336,316; Dec. 7.
 High voltage generator. N. E. Lindenblad. 2,308,884; Jan. 19.
 High voltage generator. N. E. Lindenblad. 2,331,206; Oct. 5.
 High voltage high current X-ray tube. C. M. Slack. 2,311,705; Feb. 23.
 High voltage switch. W. R. Huttinger. 2,315,428; Mar. 30.
 Highway crossing gate. J. E. Stephenson. 2,310,716; Feb. 9.
 Highway crossing gate for railroads. W. S. Henry. 2,310,694; Feb. 9.
 Highway-illuminating system. F. O. Smith and W. V. Hirschfeld. 2,318,722; May 11.
 Highway maintaining device. E. J. Guernsey. 2,314,934; Mar. 30.
 Hinge. J. P. Doman. 2,320,772; June 1.
 Hinge. H. Helgason. 2,324,209; July 13.
 Hinge. K. G. Siedschlag. 2,331,512; Oct. 12.
 Hinge. C. E. Steckel. 2,330,455; Sept. 28.
 Hinge. E. H. Zechel. 2,321,118; June 8.
 Hinge. T. Ulrich. 2,335,201; Nov. 23.
 Hinge and latch device. R. L. Smythe. 2,309,279; Jan. 26.
 Hinge assembly, Door. T. F. Anderson. 2,307,753; Jan. 12.
 Hinge, Automobile door. J. F. Harmon and G. H. Johnson. 2,322,933; June 29.

- Hinge, Concealed. O. C. Gessler. 2,314,337; Mar. 23.
Hinge construction. J. G. Joachim. 2,308,750; Jan. 19.
Hinge construction. R. E. Lave. 2,315,801; Apr. 6.
Hinge construction and making same. G. W. Aldeen. 2,315,488; Apr. 6.
Hinge. Couch. D. and C. L. Krahauer. 2,330,059; Sept. 21.
Hinge. Deck lid. J. H. Roethel. 2,320,752; June 1.
Hinge device. J. M. Luker. 2,320,370; June 1.
Hinge device. J. M. Luker. 2,332,328; Oct. 19.
Hinge device for ventilating windows. A. P. Ball. 2,327,390; Aug. 24.
Hinge for folding partitions. C. H. Apel. 2,307,560; Jan. 5.
Hinge mechanism. Sealed. L. G. Bergstrom. 2,332,195; Oct. 19.
Hinge member and warpage compensator for hinged panels. Combination. G. F. Whitehead. 2,335,328; Nov. 30.
Hinge structure. S. De Orlow. 2,317,892; Apr. 27.
Hinge. Table. J. L. Fitzpatrick. 2,325,182; July 27.
Hinged connections, more particularly for binocular optical instruments. P. C. A. Whitechurch. 2,315,030; Mar. 30.
Hinged connector. M. Lee. 2,308,698; Jan. 19.
Hinged finger adjustable pipe rack. C. L. Deardard. 2,311,932; Feb. 23.
Hinged joint. S. H. Brooks. 2,324,061; July 13.
Hinged, Adjustable trailer. T. H. Jacob. 2,328,343; Aug. 31.
Hitch device. A. W. Golder. 2,311,859; Feb. 23.
Hitch device. C. G. Strandlund. 2,319,755; May 18.
Hitch device. C. G. Strandlund. 2,331,889; Nov. 23.
Hitch for cornbinders and hayracks. R. A. Koeller. 2,334,415; Nov. 16.
Hitch for plows. Rear pressure. G. R. Ego. 2,332,065; Oct. 19.
Hitch for tractor drawn implements. H. M. Johnston. 2,327,308; Aug. 17.
Hitch, Implement. A. E. W. Johnson and C. F. Crumb, Sr. 2,305,968; Jan. 12.
Hitch. Plow. L. Kott. 2,320,141; May 25.
Hitch, Safety. H. O. Tollefson. 2,331,816; Oct. 12.
Hitch. Trailer. S. L. Millhouse and E. W. Schultz. 2,335,297; Nov. 30.
Hitch, Trailer. J. C. Notar. 2,320,046; May 25.
Hob. W. P. Adams. 2,310,826; Feb. 9.
Hob. J. C. Drader. 2,326,932; Aug. 17.
Hobbing machine. C. H. Schurr and H. C. Warner. 2,316,367; Apr. 13.
Hobbing machine. O. E. Staples. 2,307,428; Jan. 5.
Hobbing machine. W. F. Zimmermann. 2,339,168; Sept. 21.
Hobbing machine. Thermally insulated. W. F. Zimmermann. 2,339,167; Sept. 21.
Hobbyhorse mounted on wheels. M. Fedak. 2,308,068; Jan. 12.
Hoeey stick. C. Berger. 2,334,860; Nov. 23.
Hoe handle attachment. K. Matsunaga. 2,316,116; Apr. 13.
Hoe. Rotary. C. T. Rasmussen and A. J. Bjerkan. 2,334,812; Nov. 23.
Hoist. M. F. Hoyer. 2,311,514; Feb. 16.
Hoist. F. Lock. 2,335,568; Nov. 30.
Hoist. J. Melling. 2,332,331; Oct. 19.
Hoist. E. B. Thompson. 2,336,817; Dec. 14.
Hoist attachment. A. Smith. 2,329,008; Sept. 7.
Hoist, Compound. E. R. Barrett. 2,319,840; May 23.
Hoist control system. H. L. Wilcox. 2,325,454; July 27.
Hoist, Deck anchor. M. O. Whitney. 2,333,826; Nov. 9.
Hoist driving mechanism. R. B. Magee. 2,307,284; Jan. 5.
Hoist for materials. D. MacIsaac. 2,311,555; Feb. 16.
Hoist, Hydraulic. R. W. Simon. 2,336,808; Dec. 11.
Hoist, Mobile. W. H. Lannert. 2,337,754; Dec. 28.
Hoist structure. R. H. Johnston. 2,324,000; July 13.
Hoist, Tilttable lumber. J. J. Tallman. 2,317,000; Apr. 20.
Hoist, Variable change speed. T. O. Davidson. 2,333,092; Nov. 2.
Hoist, Vulcanizer. J. C. Heintz. 2,318,310; May 4.
Hoisting and rotating apparatus. Hydraulic. H. F. Vickers. 2,328,311-12; Aug. 31.
Hoisting apparatus. L. Kalmbach. 2,307,681; Jan. 5.
Hoisting apparatus. R. C. Lamond. 2,315,628; Apr. 6.
Hoisting device. Well. R. M. Lilly. 2,324,096; July 13.
Hoisting unit and control system therefor. Hydraulic. H. F. Vickers. 2,321,880; June 15.
Hold card holder. R. H. McBeath. 2,309,407; Jan. 26.
Hold-down clamp. M. E. Wetzler. 2,322,707; June 22.
Hold-down device. W. R. Duda. 2,314,645; Mar. 23.
Hold-down means for shears and the like. M. W. Hazelton. 2,323,770; July 6.
Holder. See—
Adjustable releasing tap holder.
Animal holder.
Antiseptic thermometer holder.
Article holder.
Ash-retaining cigarette holder.
Bag holder.
Battery holder.
Book holder.
Book match holder.
Bottle holder.
Brush bag holder.
Brush holder.
Bucket holder.
Button holder.
Cake candle holder.
Candle holder.
Card holder.
Casket flower holder.
Character bearing holder.
Checkbook holder.
Cigarette and cigarette holder.
Cigarette holder.
Cigarette package and match book holder.
Coin holder.
Cloth roll holder.
Collar holder.
Condiment holder.
Container holder.
Copy holder.
Cord holder.
Cosmetic holder.
Coupling holder.
Crease preventing tie holder.
Currency holder.
Cushioning tool holder.
Dentist's apron holder.
Diamond holder.
Die holder.
Dispenser card holder.
Door holder.
Door or window holder.
Double grip holder.
Drawer pull and label holder.
Dust bell holder.
Elastic collar holder.
Electric box holder.
Electric holder.
Electrode holder.
Film holder.
Film spool holder.
Fishpole holder.
Fishing rod holder.
Flag holder.
Flare holder.
Flatiron holder.
Flower holder.
Fuse holder.
Gas holder.
Gasket holder.
Glassware blade holder.
Hold card holder.
Honey foundation holder.
Hose nozzle holder.
Identification badge holder.
Identification holder.
Illuminated artificial bait holder.
Ironing cord holder.
Key holder.
Label holder.
Holder. L. J. Amer. 2,332,772; Oct. 26.
Holder. C. E. Anderson. 2,316,545; Apr. 13.
Holder. R. E. Brennan. 2,328,608; Sept. 7.
Holder and brush. Soap. W. Novick. 2,333,436; Nov. 2.
Holder and dispenser. Can. G. A. Jundt. 2,320,981; May 25.
Holder and circuit control. Soldering iron. R. Smith, Jr. 2,327,073; Aug. 17.
Holder and closure. Paste tube. F. M. Groedel. 2,324,575; July 20.
Holder and extractor. Radio tube. R. S. Merkle. 2,320,043; May 25.
Holder and needle for hand knitting. O. C. Semonsen. 2,318,018; May 4.
Holder and retractor. Combined twine. F. H. McIlwain. 2,315,513; May 4.
Holder and the like. Cigarette. H. De Haven. 2,328,965; Sept. 7.
Holder for articles such as pens and pencils. O. A. Johnson. 2,307,511; Jan. 5.
Holder for bails and bobbins of strand material. F. O. Sanford. 2,315,275; Mar. 30.
Holder for book matches. C. A. Schalls. 2,308,718; Jan. 19.
Holder for booklets. M. Mitnick. 2,332,457; Oct. 19.
Holder for bottles, etc. G. G. Bridges and S. A. Miller, Jr. 2,310,390; Feb. 9.
Holder for bowls. Frog or flower. A. L. Smith. 2,332,252; Oct. 19.
Holder for breaching machines. Work. O. W. Bonnafé. 2,329,976; Sept. 21.
Holder for brushes and the like. Multiposition. C. A. Morgillo. 2,315,269; Mar. 30.
Holder for cake soap. Nonslip. E. S. Clanton. 2,319,847; May 25.
Holder for calendars or the like. Slide. M. Vogel. 2,335,713; Nov. 30.
Holder for car journals. Packing. C. Wilson. 2,328,883; Sept. 7.
Holder for care of babies. Safety. M. R. Koster. 2,333,652; Nov. 9.
Lamp holder.
Lipstick holder.
Locking spring for die holder.
Match and cigarette holder.
Match book holder.
Merchandise holder.
Mop holder.
Motorcycle pad holder.
Multiple display sheet holder.
Nail holder.
Needle holder.
Package holder.
Paper bag holder.
Paper pencil holder.
Phonograph record album holder.
Phonograph record holder.
Plastic match holder.
Plate holder.
Portable and knockdown cattle holder.
Printing plate holder.
Quick release gun holder.
Razor blade holder.
Record card holder.
Record card holder.
Reed holder.
Releasing tap holder.
Rotary lipstick holder.
Safety razor blade holder.
Seat cover holder.
Selective map or chart holder.
Shank button holder.
Shaper tool holder.
Shoe tree holder.
Six in one carbide tool holder.
Soap holder.
Spot welder electrode holder.
Stamp holder.
Tension holder.
Tieback holder.
Toilet paper holder.
Toilet paper roll holder.
Tool holder.
Tooth brush and glass holder.
Toothbrush holder.
Tree holder.
Universal tool holder.
Variable air-gap crystal holder.
Welder's electrode holder.
Welding rod holder.
Work holder.
Yarn holder.

- Holder for displaying and mailing handkerchiefs and the like. E. E. Bunker. 2,318,461; May 4.
- Holder for eggs of the like. J. L. Coyle. 2,316,050; Apr. 6.
- Holder for electrically heated tools. A. H. Shangle. 2,326,572; Aug. 10.
- Holder for fire extinguishers. D. Krakauer. 2,337,114; Dec. 21.
- Holder for fishing rods. F. Nanasko. 2,309,350; Jan. 26.
- Holder for laundry marking, Keying pin. W. H. Hewitt. 2,323,220; June 29.
- Holder for mops and other articles. J. W. Martin. 2,328,287; Aug. 31.
- Holder for napkins, etc. C. M. Bricker. 2,323,892; July 13.
- Holder for pencils and the like. J. G. Lipic, Jr. 2,318,171; May 4.
- Holder for phonographic records. S. Beder. 2,332,193; Oct. 19.
- Holder for photographic cameras, Cut film. B. L. Smith and V. E. Whitman. 2,326,075; Aug. 3.
- Holder for renewable filter units. R. D. Hill. 2,337,469; Dec. 21.
- Holder for screws and screw drivers, Combined. C. Hausbeck. 2,310,287; Feb. 9.
- Holder for sewing machines, Attachment. R. J. Sailer. 2,319,191; May 11.
- Holder for sheet-like members, Vacuum. S. N. Wekeman. 2,317,348; Apr. 27.
- Holder for stropping razor blades. L. E. Hansen. 2,326,039; Aug. 10.
- Holder for the staff of flags or the like. G. H. Stahler. 2,322,600; June 22.
- Holder for welding rods. A. H. Erickson. 2,313,327; Mar. 9.
- Holder or cover, Ration book. M. L. Bartels. 2,336,214; Dec. 7.
- Holder or the like, Match package. A. M. Albright. 2,314,265; Mar. 16.
- Holders and drip collectors for table utensils, Combined. C. A. Brown. 2,323,290; July 6.
- Holding device. E. A. Christoph. 2,319,112; May 11.
- Holding device for automobile body parts. W. H. Ferguson. 2,311,042; Feb. 16.
- Holding means for instruments. H. E. Ashworth. 2,333,971; Nov. 9.
- Holding means for instruments. H. G. Blosser. 2,318,738; May 11.
- Holding means for test specimen. D. C. Scott. 2,327,139; Aug. 17.
- Hole cleansing device. C. G. Bralley. 2,329,330; Sept. 14.
- Hole digger, Tractor operated. C. M. Garner. 2,320,775; June 1.
- Hole digging machine. P. H. Rowe. 2,332,262; Oct. 19.
- Hole punching die. H. F. Temple. 2,325,437; July 27.
- Hollow articles, Making. H. Habart and H. W. Hudson. 2,325,311; July 27.
- Hollow articles of plastic material, Method and apparatus for making. J. R. Hobson. 2,331,688; Oct. 12.
- Hollow articles of plastic material, Molding. W. H. Kopitke. 2,331,702; Oct. 12.
- Hollow articles of plastic materials, Method of and machine for forming. J. R. Hobson. 2,331,687; Oct. 12.
- Hollow concrete building block. H. N. Andrews. 2,311,628; Feb. 23.
- Hollow sheet metal door construction for cabinets. G. F. Whitehead. 2,335,329; Nov. 30.
- Hollow tubular member. W. W. McMinn. 2,316,349; Apr. 13.
- Home for wild life. S. M. Vanbussum. 2,324,339; July 13.
- Home paper presser. W. H. Daubener. 2,321,802; June 15.
- Homogenizer. D. O. Brant. 2,328,950; Sept. 7.
- Homogenizer, Foam. A. W. Keen. 2,335,339; Nov. 30.
- Hone. G. W. Emmert. 2,324,498; July 20.
- Hone, Adjustable. J. H. Palotce. 2,332,463; Oct. 19.
- Hone, Expandible. D. A. Wallace. 2,312,011-13; Feb. 23.
- Hone for cylinders, Inside. R. R. Hause. 2,330,184; Sept. 21.
- Honing apparatus. H. S. Indge. 2,318,831; May 11.
- Honing device. W. P. Canning. 2,337,183; Dec. 21.
- Honing machine. H. J. Caldwell. 2,322,346; June 22.
- Honing machine. G. Crompton, Jr. 2,318,830; May 11.
- Honing machine. C. A. Fulmer. 2,312,540; Mar. 2.
- Honing machine. C. A. Fulmer. 2,334,758; Nov. 23.
- Honing machine. J. E. Kline. 2,323,780; July 6.
- Honing machine. D. T. Peden. 2,317,079; Apr. 20.
- Honing mechanism. A. Weiland. 2,326,711; Aug. 10.
- Honing, Method of and apparatus for. A. M. Johnson. 2,315,794; Apr. 6.
- Honing operation by expansion, Controlling. J. E. Kline. 2,315,062; Mar. 30.
- Honing or polishing tool. A. Krastin. 2,316,257; Apr. 13.
- Honing tool. J. E. Kline. 2,313,442; Mar. 9.
- Honing tool. M. N. Prange. 2,334,838; Nov. 23.
- Honey foundation holder. R. J. Brewer and J. W. Campbell. 2,333,840; Nov. 9.
- Hood. H. J. Williams. 2,311,277; Feb. 16.
- Hood, Automobile. J. Haltenberger. 2,332,377; Oct. 19.
- Hood, Black-out. K. M. Hale. 2,326,354; Aug. 10.
- Hood for battery caps. C. N. Bergstrom. 2,321,892; June 15.
- Hood, Hair drying. A. R. Freeman. 2,328,207; Aug. 31.
- Hood latch. E. Reynolds. 2,311,965; Feb. 23.
- Hood latch assembly with sliding bolt. R. Hill. 2,316,692; Apr. 13.
- Hood locking construction, Motor vehicle. J. W. Grelg. 2,326,533; Aug. 10.
- Hood locking mechanism. H. M. Northrup and J. W. Grelg. 2,312,578; Mar. 2.
- Hood, Welders. F. H. Markgraf, Jr., and J. M. Fay. 2,326,376; Aug. 10.
- Hook. See—
- | | |
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| Brush hook. | Grapple hook. |
| Can holder. | Picture hook. |
| Coupling hook. | Pruning hook. |
| Cross chain hook. | Screen door hook. |
| Drapery heading hook. | Snap hook. |
| Drill hook. | Snelled hook. |
| Electrode holder. | Trowel holder. |
| Fishing hook. | Wet hook. |
- Hook. J. E. Bales. 2,312,985; Mar. 2.
- Hook block. C. J. Manny. 2,332,389; Oct. 19.
- Hook block. H. F. Parker and E. E. Robins. 2,317,215; Apr. 20.
- Hook coupling. G. R. Unthank and A. J. Silley. 2,322,751; Aug. 24.
- Hook, Grapple. C. W. Kandle. 2,320,611; June 1.
- Hook remover. S. R. Blackstone. 2,333,695; Nov. 9.
- Hook structure. P. Huebsman and G. D. Stough. 2,322,576; June 22.
- Hooking and looping machine, Universal spring. C. H. Peterson. 2,334,505; Nov. 16.
- Hookless fastener. L. S. Rod. 2,309,140; Jan. 26.
- Hopper agitating means. W. B. Rogers. 2,317,643; Apr. 27.
- Hopper, Coating. E. K. Carver. 2,322,827; June 29.
- Hopper conduit for rail cars. G. Trautvetter. 2,309,362; Jan. 26.
- Hopper, Discharging. P. Wright. 2,319,177; May 11.
- Hopper for building mixers. A. McMillan. 2,331,037; Oct. 6.
- Hopper front box. J. W. Simmons. 2,308,030; Jan. 12.
- Hopper, Sawdust. E. Zimmerman. 2,321,965; June 15.
- Hormone intermediates and their preparation, Steroidal. F. H. Kendrick and E. J. Lawson. 2,335,616; Nov. 30.
- Hormones, Carboxylated oestrogenic. J. B. Niederl. 2,322,311; June 22.
- Hormones, Preparing gonadotropic pituitary. M. Hartmann and F. Benx. 2,312,901; Mar. 2.
- Horn control system. J. White. 2,336,762; Dec. 14.
- Horn, Electromagnetic. W. L. Barrow. 2,316,151; Apr. 13.
- Horn for loud-speaker. P. W. Klipsch. 2,310,243; Feb. 9.
- Horn motor and relay unit. R. H. Hill. 2,317,058; Apr. 20.
- Horn system and switch. J. H. Smoot. 2,311,883; Feb. 23.
- Horse, Collapsible. H. C. Campbell. 2,312,956; Mar. 2.
- Horsepower meter. C. D. Waldron and R. F. Selden. 2,318,645; May 11.
- Hose. C. E. Bannister. 2,325,464; July 27.
- Hose and forming the same, Flexible. W. Leathers. 2,320,367; June 1.
- Hose attachment. G. A. De Gravelle. 2,316,855; Apr. 20.
- Hose clamp. J. T. King. 2,324,780; July 20.
- Hose clamp. J. T. King. 2,330,893; Oct. 5.
- Hose clamp. C. H. McKee. 2,312,575; Mar. 2.
- Hose clamp. J. A. Murray. 2,321,930; June 15.
- Hose clamp. S. Nadelson. 2,331,132; Oct. 5.
- Hose clamp. P. J. Vogel. 2,336,139; Dec. 7.
- Hose clamp. J. O. Yeida. 2,335,985; Dec. 7.
- Hose clamp tool. H. J. Hensen. 2,329,535; Sept. 14.
- Hose connection for vacuum cleaners and the like. W. J. Clements. 2,326,439; Aug. 10.
- Hose connection, Locomotive. G. D. Sprinkle. 2,324,602; July 20.
- Hose coupling. F. Hunziker. 2,311,663; Feb. 23.
- Hose coupling. J. D. Luebke. 2,328,819; Sept. 7.
- Hose coupling. W. MacWilliam and F. W. Thiemann. 2,329,281; Sept. 14.
- Hose coupling. W. Meyer. 2,324,792; July 20.
- Hose coupling. D. S. Rogers. 2,315,225; Mar. 30.
- Hose coupling. C. T. Smith. 2,322,168; June 15.
- Hose coupling. F. E. Smith. 2,329,490; Sept. 14.
- Hose coupling. H. H. Wehringer. 2,319,024; May 11.
- Hose coupling attaching apparatus. J. C. Schellin. R. H. Hunter. E. J. Housekeeper, and F. V. Calhoun. 2,324,650; July 13.
- Hose coupling components, Connecting. W. A. Melsom. 2,310,536; Feb. 9.
- Hose couplings. A. J. Weatherhead, Jr. 2,333,350; Nov. 2.
- Hose couplings, Attaching. C. G. Butler. 2,321,991; June 15.
- Hose couplings, Making. A. J. Weatherhead, Jr., and H. D. Stedman. 2,333,349; Nov. 2.
- Hose, Device for crimping ferrules on air. B. W. Willinger. 2,337,362; Dec. 21.
- Hose, Fire. C. K. Huthsing. 2,329,836; Sept. 21.
- Hose fitting, High pressure. C. W. Mott. 2,314,236; Mar. 16.

- Hose making. C. E. Bannister. 2,325,465; July 27.
 Hose nozzle. S. Nedbor. 2,337,298; Dec. 21.
 Hose nozzle holder. B. C. Redhead. 2,334,421; Oct. 12.
 Hose. Producing flexible metal. K. H. Evert. 2,313,329; Mar. 9.
 Hose protector. J. P. Masterson. 2,314,359; Mar. 23.
 Hose reel. C. C. Crow and J. D. Day. 2,334,993; Nov. 23.
 Hose reel. E. W. Davis. 2,312,528; Mar. 2.
 Hose reel. O. Kronke. 2,313,557; Mar. 9.
 Hose reel. B. E. Southers. 2,320,477; June 1.
 Hose reel. F. P. Zerden. 2,334,141; Nov. 9.
 Hose reinforcement inserting apparatus. C. A. F. Meyer. 2,329,286; Sept. 14.
 Hose supporter. J. Wratschko. 2,315,237; Mar. 30.
 Hose. M. A. Baird and E. A. Tarshish. 2,319,577; May 18.
 Hose. and manufacturing the same. J. L. Boers. 2,319,772; May 18.
 Hose. display device. A. E. Ischinger. 2,334,008; Nov. 9.
 Hose. fit tester. J. D. Infield. 2,322,722-3; Oct. 26.
 Hose. forming and drying device. H. E. Stout. 2,330,757; Sept. 28.
 Hose. inspecting machine attachment. E. R. Ammon. 2,324,897; July 20.
 Hose. making. J. Kugelman and J. E. Garrett. Re. 22,257; Jan. 26.
 Hose. shaping device. A. E. Vaughan and A. E. Vaughn, Jr. 2,310,330; Feb. 9.
 Hospital garment. L. Severance. 2,331,051; Oct. 5.
 Hospital table. J. W. Born. 2,318,458; May 4.
 Hot air engine. T. F. Thompson. 2,326,901; Aug. 17.
 Hot-air furnace. R. Moyle. 2,315,899; Apr. 6.
 Hot-air heater. W. H. Richards. 2,328,030; Aug. 31.
 Hot beverage dispenser. J. P. Vukasinovich. 2,326,420; Aug. 10.
 Hot blast valve. G. Fox. 2,331,465; Oct. 12.
 Hot pan lifter. W. Hargrave. 2,333,564; Nov. 2.
 Hot water system. P. Spence. 2,324,736; July 20.
 Hot water tank. Glass lined. O. E. Uecker. 2,322,488; June 22.
 House. Collapsible bank. E. D. Hedrick. 2,329,611; Sept. 14.
 House construction. Steel. R. W. Green, J. B. Kasten and F. L. Kneisley. 2,307,126; Jan. 5.
 House. Fabricated. O. M. Stolz and A. D. Roush. 2,348,022; May 4.
 House. Prefabricated. J. Zirinsky. 2,337,435; Dec. 7.
 House. Sectionalized concrete. B. J. Schwendt. 2,324,326; July 13.
 Housing assembly. Fluid Impeller. P. I. Nagle. 2,318,254; May 4.
 Housing construction for draft gears. R. M. Nelson. 2,321,843; June 15.
 Housing construction. Metallic. H. Hasenburger and H. W. Corbett. 2,309,454; Jan. 26.
 Housing. Dust. W. R. Gorman. 2,332,484; Oct. 19.
 Housing for electrodes of luminous tubes. H. J. Hart. 2,311,829; Feb. 23.
 Housing for fuse devices. W. D. Kyle. 2,321,827; June 15.
 Housing for shoe machines. O. R. Haas. 2,314,350; Mar. 23.
 Housing for use in testing detonators. A. T. Anderson. 2,323,301; July 6.
 Hub and plate assembly. A. W. Evans. 2,331,320; Nov. 16.
 Hub for pulleys or gears. Driving. J. M. Leake. 2,321,829; June 15.
 Hub. Propeller. K. G. Fraser. 2,333,166; Nov. 2.
 Hull. Boat. H. R. Schlager. 2,322,160; June 15.
 Hull construction. E. Bornscheuer. 2,321,980; June 15.
 Humidification. R. F. Cockerill. 2,316,564; Apr. 13.
 Humidifier. F. A. Furlong. 2,328,538; Sept. 7.
 Humidifier. G. R. Slicker. 2,323,158; June 29.
 Humidifier. G. W. Weeden. 2,335,716; Nov. 30.
 Humidifier. R. C. Wittman. 2,326,089; Aug. 3.
 Humidifier cabinet. J. P. Reinhardt. 2,310,118; Feb. 2.
 Humidifier head. G. C. Hanley. 2,335,935; Dec. 7.
 Humidifying means. W. E. Baier. 2,313,041; Mar. 9.
 Humidifying system. A. J. Papulski. 2,314,892; Mar. 30.
 Humidity control. C. E. Johnson. 2,329,908; Sept. 21.
 Humidity control device. H. J. Kaufman. 2,325,061; July 27.
 Humous product. E. F. Grether. 2,313,434; Mar. 9.
 Husbandry system. F. D. Cornell. 2,314,344; Mar. 23.
 Hydraulic actuator for hydraulic control valves. J. B. van der Werff. 2,321,267; June 8.
 Hydraulic and rubber die. Combination. L. E. Walton. 2,317,869; Apr. 27.
 Hydraulic apparatus. R. W. Keeler. 2,311,443; Feb. 16.
 Hydraulic apparatus. F. W. Meredith. 2,334,115; Nov. 9.
 Hydraulic brake. M. L. Masteller. 2,310,976; Feb. 16.
 Hydraulic brake. G. R. Neville. 2,330,004; Sept. 21.
 Hydraulic brake. W. B. Tucker. 2,317,563; Apr. 27.
 Hydraulic brake booster. W. Stelzer. 2,336,374; Dec. 7.
 Hydraulic brake mechanism. F. L. Darling. 2,335,839; Nov. 30.
 Hydraulic brake pump. P. A. Scott-Iversen. 2,311,780; Feb. 23.
 Hydraulic braking system. E. H. Piron. 2,330,739; Sept. 28.
 Hydraulic calender. G. C. Munro. 2,312,726; Mar. 2.
 Hydraulic check. H. A. Knox. 2,336,485; Dec. 14.
 Hydraulic circular press. D. Gup. 2,319,677; May 18.
 Hydraulic classifier. H. M. Lewers. 2,312,563; Mar. 2.
 Hydraulic cleaner for drains and the like. J. Leyden. 2,312,826; Mar. 2.
 Hydraulic clutch. A. N. Thomas. 2,329,230; Sept. 14.
 Hydraulic clutch. Automatic. C. H. Kasch. 2,309,119; Jan. 26.
 Hydraulic coaster brake. H. L. Mueller. 2,318,880; May 11.
 Hydraulic control. R. F. Carr and E. C. Bohall. 2,334,383; Nov. 16.
 Hydraulic control for governors. E. Martin. 2,332,925; Oct. 26.
 Hydraulic control mechanism. J. H. Pratt, G. E. Manley, and A. H. G. Girling. 2,313,359; Mar. 9.
 Hydraulic control system for aircraft. R. W. Palmer. 2,315,270; Mar. 30.
 Hydraulic control system for scrapers. R. Q. and G. E. Heston. 2,335,231; Nov. 30.
 Hydraulic control valve. R. K. Jeffrey and S. C. Moon. 2,308,285; Jan. 12.
 Hydraulic control valve. H. L. Nichols, Jr. 2,331,790; Oct. 12.
 Hydraulic controlling valve. C. de Ganahl. 2,331,109; Oct. 5.
 Hydraulic coupling. S. O. Huntington. 2,307,506; Jan. 26.
 Hydraulic coupling. C. D. Peterson and A. H. Deimel. 2,334,282; Nov. 16.
 Hydraulic device for variable speed transmission. G. W. Musick and J. F. Byers. 2,307,851; Jan. 12.
 Hydraulic disk frame. J. E. Cruise. 2,336,818; Dec. 14.
 Hydraulic door check. D. J. Seaman. 2,325,711; Aug. 3.
 Hydraulic drilling device. E. Merten. 2,325,264; July 27.
 Hydraulic drive. W. Ferris. 2,323,463; July 6.
 Hydraulic drive. P. de Mattia. 2,318,065; May 4.
 Hydraulic drive for wheels. J. C. Monahan. 2,315,639; Apr. 6.
 Hydraulic epicyclic transmission device. W. H. N. Lovelock. 2,311,257; Feb. 16.
 Hydraulic forging press. H. Lorant. 2,327,117; Aug. 17.
 Hydraulic gate structure and the like. J. P. Growdon and D. J. Bliefuss. 2,322,846; June 29.
 Hydraulic gate valve. W. W. Posey. 2,330,447; Sept. 28.
 Hydraulic generator. E. W. McDonough. 2,336,996; Aug. 11.
 Hydraulic governing mechanism. F. H. Van Nest. 2,333,454; Nov. 2.
 Hydraulic hold-down. L. R. Williamson. 2,311,147; Feb. 16.
 Hydraulic inlet system for paper-making machines. W. R. Kellett and H. A. Piren. 2,308,370; Jan. 12.
 Hydraulic jack. T. C. Pomeroy. 2,322,814; June 22.
 Hydraulic landing gear. G. J. Wintermute and D. E. Bench. 2,318,568; May 4.
 Hydraulic lifting arrangement. C. W. Mott. 2,324,866; July 20.
 Hydraulic lock-barking machine. H. E. Bukowsky. 2,328,545; Sept. 7.
 Hydraulic machine circuit. W. Ernst. 2,309,758; Feb. 2.
 Hydraulic machine tool. F. W. Curtis. 2,308,647; Jan. 19.
 Hydraulic machine tool. P. S. Jackson. 2,316,871; Apr. 20.
 Hydraulic mechanism. C. de Ganahl. 2,331,108; Oct. 5.
 Hydraulic medium. Low temperature. T. R. Donlan. 2,324,770; July 20.
 Hydraulic motor. F. C. Draper. 2,312,394; Mar. 2.
 Hydraulic motor. J. Mercier. 2,308,380; Jan. 12.
 Hydraulic motor gear. P. A. Kinzie. 2,317,275; Apr. 20.
 Hydraulic motor head lift. W. H. Beretish. 2,327,008; Aug. 17.
 Hydraulic motor system. E. Wilson. E. H. Wilson, and J. H. Linhardt. 2,309,148; Jan. 26.
 Hydraulic motors. Controlling means for. C. O. T. Montelius. 2,331,218; Oct. 5.
 Hydraulic operating and control mechanism for machine tools. C. F. Linden and R. H. McClellan. 2,319,551; May 18.
 Hydraulic piston. Floating type. J. W. Hatch. 2,308,956; Jan. 19.
 Hydraulic power actuator. H. C. Hettelsater. 2,322,133; June 15.
 Hydraulic power system for tractors. G. S. Allin. 2,325,729; Aug. 3.
 Hydraulic power transmission system. W. R. Boyle. 2,326,821; Aug. 17.
 Hydraulic press. R. E. Davis. 2,337,848; Dec. 28.
 Hydraulic press. W. Ferris. 2,312,213; Feb. 23.
 Hydraulic press. H. Field, Jr. 2,314,082; Mar. 16.
 Hydraulic press. J. Q. Holmes and C. E. Gordon. 2,319,232; May 18.
 Hydraulic press. E. C. Wilson. 2,319,964; May 25.
 Hydraulic pressure control for testing machines. A. Sonntag. 2,331,577; Oct. 12.
 Hydraulic pressure transmission system. P. S. Baldwin. 2,326,116; Aug. 10.
 Hydraulic pump. T. C. Poulter. 2,333,885; Nov. 9.

- Hydraulic pumping jack. S. C. Kyle and I. M. White. 2,325,138; July 27.
- Hydraulic ram. A. H. Francfort. 2,309,058; Jan. 19.
- Hydraulic regulator. E. H. White. 2,308,731; Jan. 19.
- Hydraulic resistance apparatus. O. N. Bryant. 2,323,115; June 29.
- Hydraulic reverse scraper. J. Blecha. 2,326,197; Aug. 10.
- Hydraulic rudder system, Pedal-connected. M. M. Berry. 2,337,706; Dec. 23.
- Hydraulic shock absorber. G. M. Magrum. 2,329,923; Sept. 21.
- Hydraulic shock absorber structure. G. M. Magrum. 2,334,340; Nov. 16.
- Hydraulic snap-on coupler, Multiawed chuck-type. E. P. Sundholm. 2,311,097; Feb. 16.
- Hydraulic speed control apparatus. K. R. Herman and J. Robinson. 2,320,727; June 1.
- Hydraulic spooling device. E. R. Barrett. 2,320,554; June 1.
- Hydraulic steering gear. H. C. French. 2,321,377; June 8.
- Hydraulic steering gear. H. C. French. 2,334,918; Nov. 23.
- Hydraulic system. W. Ernst. 2,333,530; Nov. 2.
- Hydraulic system for motor vehicles. L. C. Hyatt and E. Heyman. 2,318,610; May 11.
- Hydraulic testing machine. G. R. Eckstein and J. P. Catlin. 2,336,078; Dec. 7.
- Hydraulic transmission. E. W. Baggott. 2,327,238; Aug. 17.
- Hydraulic transmission. R. M. Schaefer and W. F. Shurts. 2,326,570; Aug. 10.
- Hydraulic transmission. H. Schneider. 2,333,682; Nov. 9.
- Hydraulic transmission. N. P. Vlahoyannes. 2,338,017; Dec. 28.
- Hydraulic transmission, Automatic. E. L. Barrett. 2,318,660; May 11.
- Hydraulic transmission, Automatic. W. A. Roth. 2,327,499; Dec. 21.
- Hydraulic tube bender. O. L. Woodson. 2,326,990; Aug. 17.
- Hydraulic valve. C. Bateholts. 2,320,905; June 1.
- Hydraulic vehicle jack. E. Hoo. 2,330,974; Oct. 5.
- Hydraulic vibration and shock absorber. C. Hussman. 2,319,755; May 18.
- Hydraulic vise. F. W. Curtis. 2,328,061; Aug. 31.
- Hydraulic vise. W. J. Stuckley. 2,334,797; Nov. 23.
- Hydraulic weighing scale with temperature compensating means. R. S. Bohannon. 2,331,212; Nov. 16.
- Hydraulic well pump. L. E. Hughes. 2,312,337; Mar. 2.
- Hydraulically actuated system. J. C. Woodhouse and K. L. Walker. 2,316,497; Apr. 13.
- Hydraulically operated apparatus. H. H. Vanderzee. 2,322,730; June 22.
- Hydraulically operated apparatus. H. H. Vanderzee and A. E. Felt. 2,322,740; June 22.
- Hydraulically operated garage door. W. Odenthal. 2,330,066; Sept. 21.
- Hydraulically releasable mechanism for life rafts and the like. W. C. Sieverts and H. W. Holt. 2,336,967; Dec. 1.
- Hydroaircraft. C. Dornier. 2,320,574; June 1.
- Hydroar or vehicle with water wing wheels. H. S. Svenson. 2,315,027; Mar. 30.
- Hydrocarbon burner. C. D. Gearhart. 2,309,762; Feb. 2.
- Hydrocarbon conversion. R. B. Day and E. R. Kanhofer. 2,325,111; July 27.
- Hydrocarbon conversion. R. B. Day and E. R. Kanhofer. 2,325,333; July 27.
- Hydrocarbon conversion. G. Egloff. 2,322,794; June 29.
- Hydrocarbon conversion. G. Egloff. 2,331,069; Oct. 5.
- Hydrocarbon conversion. H. Fehrer. 2,336,783; Dec. 14.
- Hydrocarbon conversion. V. Haensel and V. N. Ipatieff. 2,335,246; Nov. 30.
- Hydrocarbon conversion. J. E. Harvey, Jr. 2,310,192; Feb. 2.
- Hydrocarbon conversion. V. A. Kalichevsky and G. F. Hornaday. 2,321,604; June 15.
- Hydrocarbon conversion. E. T. Layng. 2,307,689; Jan. 5.
- Hydrocarbon conversion. R. F. Marschner. 2,332,924; Oct. 26.
- Hydrocarbon conversion. D. Read, Jr. 2,336,126; Dec. 7.
- Hydrocarbon conversion. B. Sellmeyer. 2,320,199; May 25.
- Hydrocarbon conversion. H. S. Taylor and H. Fehrer. 2,336,900; Dec. 14.
- Hydrocarbon conversion. C. L. Thomas. 2,325,287; July 27.
- Hydrocarbon conversion. C. L. Thomas. 2,337,630; Dec. 29.
- Hydrocarbon conversion. J. Turkevich. 2,307,715; Jan. 5.
- Hydrocarbon conversion. J. Turkevich. 2,325,015; July 20.
- Hydrocarbon conversion. K. M. Watson. 2,311,273; Feb. 16.
- Hydrocarbon conversion. K. M. Watson. 2,322,984; June 29.
- Hydrocarbon conversion and catalyst therefor. D. G. Blaker. 2,320,118; May 25.
- Hydrocarbon conversion and polymerization. F. E. Frey. 2,330,118; Sept. 21.
- Hydrocarbon, Conversion of. J. C. Munday. 2,326,553; Aug. 10.
- Hydrocarbon conversion process. W. L. Benedict. 2,321,972; June 15.
- Hydrocarbon conversion process. L. S. Kassel. 2,322,366; June 22.
- Hydrocarbon deposits. Geochemical prospection of. S. J. G. Pirson. 2,324,107; July 13.
- Hydrocarbon derivative. F. E. Frey. 2,314,335; Mar. 23.
- Hydrocarbon distillate, Treating. W. L. Benedict. 2,317,600; Apr. 27.
- Hydrocarbon distillates, Beneficiating light. R. E. Burk and E. C. Hughes. 2,337,732; Dec. 28.
- Hydrocarbon distillates, Refining light. P. V. Brower and L. Love. 2,311,328; Feb. 16.
- Hydrocarbon distillates, Sweetening. H. J. Nebeck. 2,329,930; Sept. 21.
- Hydrocarbon distillates, Treatment of cracked. W. J. Ryan and M. T. Kendall. 2,315,738; Apr. 6.
- Hydrocarbon fluids, Treating. C. L. Naiman and J. M. Graham. 2,307,895; Jan. 12.
- Hydrocarbon fluids, Treating. J. T. Ward. 2,311,421; Feb. 16.
- Hydrocarbon fluids, Treatment of. W. A. Schulze and G. H. Short. 2,309,871; Feb. 2.
- Hydrocarbon fuel burner. O. Fortis. 2,315,482; Mar. 30.
- Hydrocarbon gases, Conversion of. J. W. Throckmorton. 2,325,813; Aug. 3.
- Hydrocarbon gases, Separation of. R. N. Shiras. 2,335,102; Nov. 23.
- Hydrocarbon gases to liquid hydrocarbons, Converting. P. A. Maschwitz and C. M. Ridgway. 2,328,829; Sept. 7.
- Hydrocarbon gasses, Treatment of. H. Y. Hyde, C. K. Viland, and L. S. Galstaun. 2,314,217; Mar. 16.
- Hydrocarbon liquids, Method of and system for vaporizing. S. P. Jones. 2,314,279; Mar. 16.
- Hydrocarbon liquids, Removing weakly acidic organic substances from. G. W. Ayers, Jr., D. C. Bond, and L. M. Henderson. 2,315,384; Mar. 30.
- Hydrocarbon lubricant, Compounded. J. O. Clayton and B. B. Farrington. 2,321,577; June 15.
- Hydrocarbon materials, Treatment of predominantly saturated. M. P. Matuszak. 2,320,629; June 1.
- Hydrocarbon mixtures, Dechlorination of. C. Clar, P. Kühnel and Nikolaus Geiser. 2,328,707; Sept. 7.
- Hydrocarbon mixtures, Separation of selected components. C. G. Gerhold and B. J. Flock. 2,322,354; June 22.
- Hydrocarbon oil, Compounded. J. O. Clayton and B. B. Farrington. 2,321,575; June 15.
- Hydrocarbon oil, Cracking. J. K. Roberts and M. T. Carpenter. 2,310,183; Feb. 2.
- Hydrocarbon oil, Removing weakly acidic sulphur compounds from. T. L. McNamara. 2,335,347; Nov. 30.
- Hydrocarbon oils, Catalytic conversion of. G. C. Connolly. 2,336,165; Dec. 7.
- Hydrocarbon oils, Conversion of. C. H. Angell. 2,319,201; May 18.
- Hydrocarbon oils, Conversion of. J. M. Barron. 2,310,922; Feb. 16.
- Hydrocarbon oils, Conversion of. J. M. Barron. 2,338,020; Dec. 28.
- Hydrocarbon oils, Conversion of. G. C. Connolly. 2,336,597; Dec. 14.
- Hydrocarbon oils, Conversion of. C. L. Thomas. 2,327,973; Aug. 24.
- Hydrocarbon oils, Converting. T. P. Simpson, J. W. Payne, J. A. Crowley, Jr., and C. S. Teisworth. 2,338,063; Dec. 28.
- Hydrocarbon oils, Converting. R. K. Stratford and R. H. Smith. 2,322,070; June 15.
- Hydrocarbon oils, Purification of. G. C. Connolly. 2,324,066-7; July 13.
- Hydrocarbon oils, Refining. C. A. Cohen. 2,327,504; Aug. 24.
- Hydrocarbon oils, Refining sulphur-containing. H. C. Paulsen. 2,330,735; Sept. 28.
- Hydrocarbon oils, Treatment of. F. H. Bottomley. 2,312,020; Feb. 23.
- Hydrocarbon oils, Treatment of. J. D. Seguy. 2,310,123; Feb. 2.
- Hydrocarbon polymer, Modified. C. M. Loane and J. W. Haddon. 2,330,900; Oct. 5.
- Hydrocarbon products, Manufacture of. L. A. Clarke, G. B. Hatch, and E. F. Pevere. 2,332,298; Oct. 19.
- Hydrocarbon products, Stabilizing. R. E. Burk and E. C. Hughes. 2,328,190; Aug. 31.
- Hydrocarbon sulphonic acids, Purification of saturated. C. O. Henke. 2,337,552; Dec. 28.
- Hydrocarbon sulphonyl chlorides, Extraction of. C. O. Henke and F. M. Schofield. 2,333,568; Nov. 2.
- Hydrocarbon treatment. C. W. Berger. 2,334,378; Nov. 16.
- Hydrocarbons, Alkylation of. F. H. Bruner and W. E. Skelton. 2,320,336; June 1.
- Hydrocarbons, Alkylation of. D. R. Carmody and E. L. D'Oquille. 2,305,560; Jan. 19.
- Hydrocarbons, Alkylation of. R. F. Marschner and D. R. Carmody. 2,308,561-2; Jan. 19.

- Hydrocarbons, Alkylation of paraffin. A. V. Grosse and C. B. Linn. 2,335,507; Nov. 30.
- Hydrocarbons, Catalytic cracking of. G. Egloff. 2,315,192; Mar. 30.
- Hydrocarbons, Catalytic isomerization of saturated. M. de Simé and F. M. McMillan. 2,327,593; Aug. 24.
- Hydrocarbons, Catalytic isomerization of saturated. M. de Simé, F. M. McMillan and H. A. Cheney. 2,313,054; Mar. 9.
- Hydrocarbons, Catalytic process of treating. E. C. Pitzer. 2,319,948; May 25.
- Hydrocarbons, Catalytic treatment of. W. L. Benedict. 2,319,190; May 18.
- Hydrocarbons, Catalytic treatment of. P. L. Veltman. 2,307,434; Jan. 5.
- Hydrocarbons, Chlorination of high molecular weight. P. K. Frolich and L. A. Bannon. 2,327,517; Aug. 24.
- Hydrocarbons containing olefins, Treating. K. Korpi. 2,312,560; Mar. 2.
- Hydrocarbons, Conversion of. H. V. Atwell. 2,311,357; Feb. 12.
- Hydrocarbons, Conversion of. D. R. Carmody. 2,319,299; May 18.
- Hydrocarbons, Conversion of. C. G. Dryer and R. B. Thompson. 2,330,206; Sept. 28.
- Hydrocarbons, Conversion of. D. Eastman. 2,327,099; Aug. 17.
- Hydrocarbons, Conversion of. G. Egloff. 2,320,628; Aug. 10.
- Hydrocarbons, Conversion of. G. Egloff. 2,332,562-3; Oct. 26.
- Hydrocarbons, Conversion of. G. Egloff. 2,333,852; Nov. 9.
- Hydrocarbons, Conversion of. F. E. Frey. 2,317,001; Apr. 27.
- Hydrocarbons, Conversion of. F. E. Frey. 2,322,800; June 29.
- Hydrocarbons, Conversion of. V. N. Ipatieff and A. V. Grosse. 2,322,025; June 15.
- Hydrocarbons, Conversion of. E. R. Kanlander. 2,336,736; Dec. 14.
- Hydrocarbons, Conversion of. E. T. Layng, L. C. Rubin, and R. F. Rutland. 2,336,769; Dec. 14.
- Hydrocarbons, Conversion of. H. Pines and V. N. Ipatieff. 2,315,375; Mar. 30.
- Hydrocarbons, Conversion of. J. F. Sturgeon. 2,315,024; Mar. 30.
- Hydrocarbons, Conversion of. C. W. Watson. 2,326,186; Aug. 10.
- Hydrocarbons, Conversion of normally gaseous. E. Gorin. 2,320,274; May 25.
- Hydrocarbons, Conversion of paraffinic. P. Ostergaard. 2,320,293; May 25.
- Hydrocarbons, Converting. F. E. Frey. 2,314,040; Mar. 16.
- Hydrocarbons, Cracking. J. W. Teter. 2,312,681; Mar. 2.
- Hydrocarbons, Cyclization of. B. S. Greensfelder. 2,317,683; Apr. 27.
- Hydrocarbons, Cyclization of. B. S. Greensfelder and R. C. Archibald. 2,337,190; Dec. 21.
- Hydrocarbons, Dehydrogenating. R. G. Atkinson. 2,336,054; Dec. 7.
- Hydrocarbons, Dehydrogenation of. B. B. Corson and M. W. Cox. 2,311,979; Feb. 23.
- Hydrocarbons, Dehydrogenation of. J. F. Sturgeon. 2,335,550; Nov. 30.
- Hydrocarbons, Dehydrogenation of aliphatic. R. G. Atkinson. 2,330,804; Oct. 5.
- Hydrocarbons, Dewaxing. R. W. Henry and J. V. Montgomery. 2,307,130; Jan. 5.
- Hydrocarbons, Dispersing thermoplastic. R. B. Porter, Jr. 2,321,240; June 5.
- Hydrocarbons, Dispersion of thermoplastic. R. B. Porter, Jr. 2,336,369; Dec. 7.
- Hydrocarbons from carbonaceous materials, especially cracking hydrocarbon oils, Production of. G. Free and W. V. Fuener. 2,334,871; Nov. 23.
- Hydrocarbons from gas mixtures which, besides hydrocarbons, contain carbon dioxide, Extraction of. P. M. Schaffan. 2,327,134; Aug. 17.
- Hydrocarbons from gas: oil well products, Recovering condensable. P. D. Barton. 2,333,229; Nov. 2.
- Hydrocarbons from well fluids, Recovery of distillate. E. S. Hill. 2,327,187; Aug. 17.
- Hydrocarbons, Heating and converting. D. G. Brandt. 2,332,051; Oct. 19.
- Hydrocarbons, Isomerization of. W. E. Skelton, E. E. Sensel, and A. R. Goldsby. 2,330,754; Sept. 28.
- Hydrocarbons, Isomerizing. W. E. Ross and J. Anderson. 2,327,670; Aug. 24.
- Hydrocarbons, Isomerizing paraffinic. J. J. Owen. 2,330,079; Sept. 21.
- Hydrocarbons liquids, Refining. M. Bonotto. 2,336,589; Dec. 14.
- Hydrocarbons, Manufacture of halogenated. M. Mueller-Cunradi, A. Cantzler and H. Krekeler. 2,318,323; May 4.
- Hydrocarbons, Manufacture of halogenated. H. M. Stanley and T. B. Philip. 2,329,795; Sept. 21.
- Hydrocarbons, Manufacture of high antiknock. E. F. Pevere, L. A. Clarke, and G. B. Hatch. 2,337,492; Dec. 21.
- Hydrocarbons, Multistage catalytic conversion of. C. L. Thomas and G. Egloff. 2,330,089; Sept. 21.
- Hydrocarbons, Polymerization of. W. Ulrich. 2,337,360; Dec. 21.
- Hydrocarbons, Preparing high boiling. C. M. Thacker. 2,309,718; Feb. 2.
- Hydrocarbons, Producing. F. E. Frey and H. J. Hepp. 2,327,634; Aug. 24.
- Hydrocarbons, Production of dihalogenated saturated. H. Baehr and W. Deiters. 2,312,064; Feb. 23.
- Hydrocarbons, Production of valuable. N. K. Chaney. 2,327,842; Aug. 24.
- Hydrocarbons, Reaction of. E. H. Oakley and L. F. Brooke. 2,327,926; Aug. 24.
- Hydrocarbons, Reaction of. E. H. Oakley and L. P. Elliott. 2,337,265; Dec. 21.
- Hydrocarbons, Recovering. H. R. Legatski, W. Swerdloff, and G. W. McCullough. 2,337,254; Dec. 21.
- Hydrocarbons, Recovery and fractionation of light. D. G. Brandt. 2,325,588; Aug. 3.
- Hydrocarbons, Recovery of valuable. E. L. Hall. 2,335,855; Dec. 7.
- Hydrocarbons, Rectifying. Du R. Eastman and L. P. Seoville. 2,325,839; Aug. 3.
- Hydrocarbons, Refining. V. Mekler and J. H. Curtis. 2,331,841; June 15.
- Hydrocarbons, Refining of. W. M. Stratford. 2,331,438; Oct. 12.
- Hydrocarbons, Refining of refractory. R. F. Marschner. 2,335,590; Nov. 30.
- Hydrocarbons, Separation of. R. Lee and H. K. Helm. 2,319,694; May 18.
- Hydrocarbons, Splitting of. M. Pier, K. Peters, and G. Free. 2,331,930; Oct. 19.
- Hydrocarbons, Sulphur oxidation of. C. M. Thacker. 2,330,934; Oct. 5.
- Hydrocarbons, Sulphurization of. E. C. Knowles and P. C. McCoy. 2,337,473; Dec. 21.
- Hydrocarbons, Synthesis of. F. Dufschmid, E. Linckh and P. Winkler. 2,318,602; May 11.
- Hydrocarbons, Thermal polymerization of. J. W. Throckmorton. 2,328,864; Sept. 7.
- Hydrocarbons, Treating. C. S. Clarke. 2,326,438; Aug. 10.
- Hydrocarbons, Treating. P. J. Gaylor and E. J. Mahler. 2,324,073; July 13.
- Hydrocarbons, Treating. C. E. Hemminger. 2,322,019; June 15.
- Hydrocarbons, Treating. V. A. Kallchevsky, E. T. Scafe, and K. F. Hayden. 2,311,593; Feb. 16.
- Hydrocarbons, Treating. W. F. Rollman and L. S. Bonnell. 2,309,540; Jan. 26.
- Hydrocarbons, Treating. W. A. Schulze. 2,337,003; Dec. 14.
- Hydrocarbons, Treatment of. S. S. Allender. 2,314,435; Mar. 23.
- Hydrocarbons, Treatment of. J. A. Chenleck. 2,314,388; Mar. 23.
- Hydrocarbons, Treatment of. J. A. Chenleck. 2,318,196; May 4.
- Hydrocarbons, Treatment of. G. Egloff. 2,307,773; Jan. 12.
- Hydrocarbons, Treatment of. G. Egloff. 2,316,775; Apr. 20.
- Hydrocarbons, Treatment of. G. Egloff. 2,318,765; May 11.
- Hydrocarbons, Treatment of. G. Egloff. 2,319,495; May 18.
- Hydrocarbons, Treatment of. G. Egloff. 2,332,564; Oct. 26.
- Hydrocarbons, Treatment of. C. G. Gerhold. 2,333,856; Nov. 9.
- Hydrocarbons, Treatment of. A. R. Goldsby and E. E. Sensel. 2,335,406; Nov. 30.
- Hydrocarbons, Treatment of. A. V. Grosse and C. B. Linn. 2,333,648-9; Nov. 9.
- Hydrocarbons, Treatment of. K. H. Hachmuth. 2,320,127; May 25.
- Hydrocarbons, Treatment of. H. L. Hays. 2,329,834; Sept. 21.
- Hydrocarbons, Treatment of. V. N. Ipatieff and V. Haensel. 2,327,189; Aug. 17.
- Hydrocarbons, Treatment of. V. N. Ipatieff and H. Pines. 2,318,781; May 11.
- Hydrocarbons, Treatment of. V. Ipatieff and H. Pines. 2,334,099; Nov. 9.
- Hydrocarbons, Treatment of. J. W. Jean. 2,322,850; June 29.
- Hydrocarbons, Treatment of. W. W. Johnstone. 2,318,495; May 4.
- Hydrocarbons, Treatment of. L. S. Kassel. 2,332,577; Oct. 26.
- Hydrocarbons, Treatment of. V. I. Komarevsky. 2,333,866; Nov. 9.
- Hydrocarbons, Treatment of. E. C. Lee and J. E. Ahlberg. 2,316,260; Apr. 13.
- Hydrocarbons, Treatment of. W. J. Mattox. 2,316,271; Apr. 13.
- Hydrocarbons, Treatment of. W. J. Mattox. 2,330,071; Sept. 21.
- Hydrocarbons, Treatment of. J. C. Morrell and A. V. Grosse. 2,318,162; Mar. 9.
- Hydrocarbons, Treatment of. R. E. Schaad. 2,314,460; Mar. 23.

- Hydrocarbons, Treatment of. L. Schmerling and V. N. Ipatief. 2,329,858; Sept. 21.
- Hydrocarbons, Treatment of. W. A. Schulze. 2,336,643; Dec. 14.
- Hydrocarbons, Treatment of. W. A. Schulze. A. A. Ruoho, and G. H. Short. 2,315,662-3; Apr. 6.
- Hydrocarbons, Treatment of. A. Szayna. 2,337,358; Dec. 21.
- Hydrocarbons, Treatment of. C. L. Thomas and H. S. Bloch. 2,333,903; Nov. 9.
- Hydrocarbons, Treatment of. K. M. Watson. 2,315,144; Mar. 30.
- Hydrocarbons, Treatment of conjugated diene. D. Craig. 2,326,449; Aug. 10.
- Hydrocarbons, Treatment of cyclic. A. V. Grosse and W. J. Mattox. 2,319,452; May 18.
- Hydrocarbons to aromatics. Conversion of non benzenoid. R. E. Burk and E. C. Hughes. 2,321,006; June 8.
- Hydrocarbons, Unsaturated. E. L. D'Ouville and D. R. Carmody. 2,329,397; Sept. 14.
- Hydrocarbons with liquid sulphur dioxide and liquid chlorine or bromine. Reaction of saturated. G. E. Holbrook, A. L. Fox, A. A. Baum, and W. J. Clem. 2,333,788; Nov. 9.
- Hydrodynamic brake. T. James, Jr. 2,334,629; Nov. 16.
- Hydrodynamic machine. W. Ferris. 2,312,891; Mar. 2.
- Hydrofluoilic acid. Manufacture of. W. Penfield. 2,312,048; Feb. 23.
- Hydrogels, Treating. A. C. Wilson. 2,323,583; July 6.
- Hydrogen chloride, Dry. R. L. Comstock. 2,321,282; June 8.
- Hydrogen chloride, Method and means for production of aqueous. J. H. Maude. 2,330,440; Sept. 28.
- Hydrogen chloride, Production. C. H. Smith. 2,316,633; Apr. 13.
- Hydrogen exchange material and preparation thereof. O. M. Urbin and W. R. Stemen. 2,309,364; Jan. 26.
- Hydrogen-filled apparatus. S. Beckwith. 2,307,754-5; Jan. 12.
- Hydrogen purification. L. R. Hill, G. A. Vincent, and E. W. Howard. 2,315,424; Mar. 30.
- Hydrogen purification process. R. F. Marschner. 2,328,828; Sept. 7.
- Hydrogen sulphide removal. Utilization of foul steam for. W. H. Shiller and L. P. Elliott. 2,336,896; Dec. 14.
- Hydrogenated polycyclopentadiene resin. F. J. Soday. 2,319,271; May 18.
- Hydrogenating with catalyst. G. C. Connolly. 2,310,273; Feb. 9.
- Hydrogenation-catalyst reactivation. K. H. Hachmuth. 2,330,174; Sept. 21.
- Hydrogenation of alkoxy-substituted esters and products. D. J. Loder, W. F. Gresham and D. B. Killian. 2,321,608; June 15.
- Hydrogenation products of Δ^4 -estrone and preparing same. E. Schwenk. 2,327,376; Aug. 24.
- Hydrogenation treatment of oils and fats. D. J. Hennessy. 2,321,913; June 15.
- Hydrohalide, Rubber. T. M. Andrews and H. F. Reeves, Jr. 2,323,185; June 29.
- Hydrohalide, Rubber. C. A. Thomas and H. E. Morris. 2,333,214; Nov. 2.
- Hydrohalogenation of unsaturated organic compounds. Controlled. W. E. Vaughn and F. F. Rust. 2,307,552; Jan. 5.
- Hydrolysis of allyl halides. M. A. Pollack and A. G. Chenciek. 2,313,767; Mar. 16.
- Hydrolysis of meta-dioxanes. L. A. Mikeska. 2,307,894; Jan. 12.
- Hydrolysis of titanium solutions. J. L. Keats and H. M. Stark. 2,321,490; June 8.
- Hydromechanical clearance regulator. O. M. Burkhardt. 2,308,858; Jan. 19.
- Hydrometallurgical process for the recovery of tin. J. R. Stack. 2,319,887; May 25.
- Hydrometer. R. W. Blanchard. 2,312,307; Mar. 2.
- Hydrometer. L. Edelmann. 2,320,417; June 1.
- Hydrometer. A. Longacre. 2,312,106; Feb. 23.
- Hydrometer. H. J. Lutz and L. Edelmann. 2,307,745; Jan. 12.
- Hydrometer. A. Moyer. 2,325,776; Aug. 3.
- Hydrophilic cellulosic films. Coating. R. G. Drew. 2,328,066; Aug. 31.
- Hydrophilic pigments. Dispersion of. W. B. Reynolds. 2,322,107; Nov. 2.
- Hydropneumatic device. J. F. Joy. 2,334,708; Nov. 23.
- Hydropneumatic press. D. E. Gray. 2,324,149; July 13.
- Hydropneumatic tank. J. A. Dodd. 2,318,066; May 4.
- Hydrostatic mechanical lubricator. K. M. Anderson. 2,312,304; Mar. 2.
- Hydrotherapy apparatus for feet. W. Rocke. 2,336,127; Dec. 7.
- Hydroxyalkyl celluloses. Esterification of. A. E. Broderick. 2,330,263; Sept. 28.
- Hydroxyamino benzene sulphonamides. R. O. Roblin, Jr., and G. W. Anderson. 2,333,445; Nov. 2.
- Hydroxy compounds. Manufacture of aromatic. J. M. Harris, Jr., N. W. Wrobly, and W. B. Brown. 2,334,488; Nov. 16.
- Hydroxy derivatives of sulphonal and its homologues. H. Dietrich, F. Johannesohn, E. Rabald, and W. Peris. 2,309,937; Feb. 2.
- Hydroxy-diaryl substituted ethane, Producing. F. J. Soday. 2,315,556; Apr. 6.
- Hydroxyhalocarbonyl compound and producing same. G. H. Morey. 2,330,179; Sept. 21.
- Hydroxynaphthoic acid amide coupler. I. F. Salminen, A. Weissberger, and D. B. Glass. 2,313,586; Mar. 9.
- Hydroxy steroids and obtaining same. R. E. Marker. 2,337,563; Dec. 28.
- Hydroxy-substituted guanamines. J. T. Thurston and D. W. Kaiser. 2,309,680; Feb. 2.
- Hydroxylamine hydrochloride, Preparing. P. J. Ehnman and W. O. Walker. 2,319,669; May 18.
- Hydroxylamine, Preparation of. R. M. Joyce, Jr. 2,329,929; Jan. 12.
- Hydroxylammonium sulphate, Production. P. F. Tryon. 2,322,958; June 29.
- Hygroscopic salt solution containing an aryl guanidine inhibitor. A. M. Edmunds. 2,319,668; May 18.
- Hypodermic injector. M. L. Lockhart. 2,322,244; June 22.
- Hypodermic injector and use thereof. M. L. Lockhart. 2,322,245; June 22.
- Hypodermic needle rack. L. Wallin. 2,313,905; Mar. 16.
- Ice bag. P. S. Madsen. 2,314,650; Mar. 23.
- Ice bunker, Collapsible. H. Giddings. 2,336,439; Dec. 7.
- Ice bunker for refrigerator cars, Convertible. A. F. O'Connor. 2,328,529; Aug. 31.
- Ice cream hardening and dispensing cabinet. J. T. Smith and J. L. Reiter. 2,311,000; Feb. 16.
- Ice cream mix, Concentrated liquid. H. E. Otting and J. J. Quilligan. 2,307,234; Jan. 5.
- Ice cream mixes and the like, Treating. H. L. Murray. 2,325,534; July 27.
- Ice creeper. C. Harvey. 2,331,607; Oct. 12.
- Ice creeper. C. Harvey. 2,331,609; Oct. 12.
- Ice creeper. O. Simunds. 2,317,647; Apr. 27.
- Ice creeper. H. N. Smith. 2,313,099; Mar. 9.
- Ice feeder and distributor. Snow. W. H. Taylor. 2,327,226; Aug. 17.
- Ice formation on aircraft wings, Preventing. J. Goodman. 2,328,079; Aug. 31.
- Ice making apparatus. F. J. Fette. 2,308,164; Jan. 12.
- Ice making apparatus and method. F. Short. 2,310,468; Feb. 9.
- Ice, Method and apparatus for producing dry. C. H. Batzle. 2,307,013; Jan. 5.
- Ice release apparatus. R. M. Storer. 2,337,071; Dec. 21.
- Identification badge holder. C. D. Fowler. 2,328,206; Aug. 31.
- Identification device for key rings or chains and the like. F. Weindl, Jr. 2,312,204; Feb. 23.
- Identification holder. M. J. Staser. 2,333,495; Nov. 2.
- Identification ticket and producing same. J. M. Fallon and W. D. Boggess. 2,309,178; Jan. 26.
- Igniter. J. E. White. 2,330,768; Sept. 28.
- Igniter, Low current. A. H. Toeffer. 2,325,718; Aug. 3.
- Igniter, Multiple layer. E. G. F. Arnott and R. F. Rennie. 2,308,345; Jan. 12.
- Igniting and operating circuit for electric discharge tubes. F. Lucan. 2,312,429; Mar. 2.
- Ignition and gas shutoff mechanism, Automatic. J. H. Hammond, Jr. 2,323,767; July 6.
- Ignition apparatus. J. Alain. 2,307,007; Jan. 5.
- Ignition apparatus. G. D. Frank. 2,332,210; Oct. 19.
- Ignition cable. J. P. Ryzowitz. 2,325,549; July 27.
- Ignition composition. C. A. Woodbury. 2,312,741; Mar. 2.
- Ignition controller. W. H. Schachenman. 2,336,424; Dec. 7.
- Ignition controlling device for internal combustion engines. M. H. Elkin. 2,328,875; Sept. 7.
- Ignition cutoff system, Automatic. C. N. Reavis. 2,327,558; Aug. 24.
- Ignition device. F. Miess. 2,318,408; May 4.
- Ignition discharge tube system, Controlled. J. W. Dawson. 2,320,916; June 1.
- Ignition distribution system. C. J. Johnson. 2,322,448; June 22.
- Ignition for internal combustion engines, Distributor. M. C. Moran. 2,324,169; July 13.
- Ignition generator. E. B. Nowosielski. 2,321,505; June 8.
- Ignition header construction. W. J. Knochel and D. E. Marshall. 2,319,407; May 18.
- Ignition magnet provided with a rotary cylindrical magnet. J. Bernard. 2,335,378; Nov. 30.
- Ignition motor fuel, Compression. T. H. Schultz, I. E. Levine and H. B. Wellman. 2,317,968; Apr. 27.
- Ignition system. P. E. Cate. 2,318,195; May 4.
- Ignition system. E. M. Clayton and W. J. Rady. 2,317,588; Apr. 27.
- Ignition system. O. T. Francis. 2,328,444; Aug. 31.
- Ignition system. H. B. Grow. 2,324,923; July 20.
- Ignition system. J. O. Johnston. 2,309,319; Jan. 26.
- Ignition system. P. Klotzsch. 2,330,431; Sept. 28.
- Ignition system. D. Silverman. Re. 2,234,4; July 6.
- Ignition system for internal combustion engines. A. G. Cattaneo. 2,310,575; Feb. 9.
- Ignition testing and engine treating device. H. G. Lehmann. 2,324,404; July 13.
- Ignition timer. S. M. Udale. 2,309,226; Jan. 26.
- Ignition timing device. J. J. Rose. 2,316,188; Apr. 13.
- Ignitor assembly for ignitron rectifier. H. C. Myers and J. H. Cox. 2,320,949; June 1.

- Illuminated artificial bait holder. G. S. Schwartz. 2,314,521; Mar. 23.
- Illuminated display means, Selective. O. A. Hokanson. 2,308,174; Jan. 12.
- Illuminated door lock. C. F. Garvert and P. B. Knepper. 2,309,840; Feb. 2.
- Illuminated fishing lure and lighting unit therefor. W. Seigle. 2,329,790; Sept. 21.
- Illuminated liquid level gauge. D. A. Kelly. 2,332,088; Oct. 19.
- Illuminated message container. A. D. Direksen. 2,309,105; Jan. 26.
- Illuminated sign. R. J. Robinson. 2,310,600; Feb. 9.
- Illuminated vanity case. E. P. Schreyer and K. Peters. 2,333,891; Nov. 9.
- Illuminating apparatus of the gaseous glow tube type. R. S. Horn. 2,331,543; Feb. 16.
- Illuminating contrast. Method and apparatus for determining. D. W. Norwood. 2,337,122; Dec. 21.
- Illuminating device. Col. H. B. E. D. Cross. 2,334,480; Nov. 16.
- Illuminating device. C. W. Raabe. 2,329,556; Sept. 14.
- Illuminating device. A. Wolf. 2,313,378; Mar. 9.
- Illuminating device, Decorative. A. Janowitz. 2,334,492; Nov. 16.
- Illuminating device for house numbers. H. L. Millsbaugh. 2,327,443; Aug. 24.
- Illuminating device for pocketbooks. O. Hallbauer. 2,316,419; Apr. 13.
- Illuminating device for surgical instruments. F. C. Wappler. 2,331,526; Oct. 12.
- Illuminating fixture. J. A. Hoeveler. 2,334,005; Nov. 9.
- Illuminating means. L. F. Berg. 2,313,506; Mar. 9.
- Illuminating means for enlargers. C. W. Peterson. 2,327,818; Aug. 24.
- Illuminating razor handle. C. M. Beam. 2,309,035; Jan. 19.
- Illuminating system, particularly for projection purposes. K. Rantsch. 2,326,970; Aug. 17.
- Illumination of explosive chambers. A. B. Winters. 2,329,501; Sept. 11.
- Illusions, Creating. L. B. Pickley. 2,314,629; Mar. 23.
- Image producer. J. C. Batchelor. 2,310,671; Feb. 9.
- Image producing apparatus. A. F. Surré. 2,320,760; June 1.
- Image reproducer. G. A. Morton. 2,319,195; May 11.
- Image suppression system. D. V. Sinninger. 2,312,935; Mar. 2.
- Images for four-color reproduction. Method and apparatus for making separation. A. C. Hardy, E. L. Wurzburg, Jr. and E. C. Dunch. 2,316,581; Apr. 13.
- Images, Producing multicolor. B. Gaspar. 2,316,782; Apr. 20.
- Images with flickering effect, Projection. J. König. 2,314,222; Mar. 16.
- Imidazol derivatives and making same. C. Gruenacher, P. Streull, and J. Frel. 2,335,271; Nov. 30.
- Iminopyrazolone coupler for color photography. H. D. Porter and W. W. Schenker. 2,311,081; Feb. 16.
- Immersion boiler. O. N. Sellers. 2,321,109; June 8.
- Immersion process of food freezing. L. H. Bartlett. 2,305,486; Jan. 19.
- Impact detonator. L. S. Serog. 2,324,243; July 13.
- Impact member for impact crushers. E. Werner and K. Steinhart. 2,310,758; Feb. 9.
- Impact member for impact crushers and securing means therefor. O. C. Gruender and E. Werner. 2,325,605; Aug. 3.
- Impact tool. F. P. Forss. 2,326,347; Aug. 10.
- Impact wrench. L. A. Amsberg. 2,326,317; Aug. 10.
- Impedance, Attachable. H. K. Andrews. 2,324,053; July 13.
- Impeller and propeller construction for booster pumps. R. R. Curtis. 2,328,328; Aug. 31.
- Implement, Agricultural. T. W. Johnson. 2,337,662; Dec. 28.
- Implement, Agricultural. A. P. McKay. 2,336,410; Dec. 7.
- Implement, Agricultural. C. W. Mott. 2,337,763; Dec. 28.
- Implement, Agricultural. H. P. Smith. 2,337,780; Dec. 28.
- Implement and making same. F. Ehrsam. 2,335,497; Nov. 30.
- Implement attachment for tractors. S. L. V. Davenport. 2,335,175; Nov. 29.
- Implement control device. J. V. Dyrr. 2,325,838; Aug. 3.
- Implement combination. R. B. Laird. 2,311,551; Feb. 16.
- Implement, Draftsman's. E. Chapin. 2,315,893; Apr. 6.
- Implement, Fastener-applying. J. F. Cavanagh. 2,320,568; June 1.
- Implement, Fastener-applying. C. M. Lindstrom. 2,337,479; Dec. 21.
- Implement for removing detonated primers. G. N. Albrece. 2,314,115; Mar. 16.
- Implement for working the soil. E. Hurlimann. 2,330,586; Sept. 28.
- Implement, Garden. C. A. Olsen. 2,315,074; Mar. 30.
- Implement handling mechanism. E. B. Meyer. 2,324,635; July 20.
- Implement, Tillage. T. Rubens. 2,322,256; June 22.
- Implement, Tractor attached. F. L. Dewey. 2,319,492; Nov. 23.
- Implement, Tractor-mounted. J. R. Orndine and A. G. Evans. 2,334,871; July 20.
- Implement, Type cleaning. W. H. Lowston. 2,333,801; Nov. 9.
- Implement, Weighted. W. L. Zink, V. O. Hauswirth, and J. M. Geistwhite. 2,307,096; Jan. 5.
- Implements, Power device for. C. W. Mott. 2,337,762; Dec. 28.
- Impregnating agent for vegetable fibrous materials. L. Ritter. 2,310,257; Feb. 9.
- Impregnating and coating composition and production. J. N. Borglin. 2,335,908; Dec. 7.
- Impregnating and plasticizing composition. P. J. Gaylor. 2,318,684; May 11.
- Impregnating method. J. A. Lignian. 2,326,372; Aug. 10.
- Impregnation. V. T. Wallder. 2,322,756; June 29.
- Impressions of cavities for dental inlays, Method and apparatus for taking. M. J. Thompson. 2,313,748; Apr. 6.
- Imprinting apparatus. G. J. Snyder. 2,308,117; Jan. 12.
- Imprinting apparatus for signaling systems. E. Matousek. 2,322,650; June 22.
- Impulse neutralizer. R. R. Sarazin. 2,313,206; Mar. 9.
- Impulse repeater. K. W. Pfeiffer. 2,315,733; Apr. 6.
- Impulse sender. H. Böhle. 2,323,019; June 29.
- Impulse transmitting device. H. F. Obergfell and H. Segebush. 2,326,388; Aug. 10.
- Incandescent electric lamp. G. C. Singer. 2,315,549; Apr. 6.
- Incandescent lamp and flasher switch, Combined. I. E. McCabe. 2,318,700; May 11.
- Incendiary bomb carrier. P. E. William. 2,328,870; Sept. 7.
- Incendiary bomb handling, Device. J. H. Doak. 2,323,086; June 29.
- Incendiary bomb trap. W. C. Scull. 2,317,489; Apr. 27.
- Incinerator. H. E. Nicol. 2,332,591; Oct. 26.
- Inclination and directional device for borholes. W. J. Opocensky. 2,313,168; Mar. 9.
- Increment for lasting shoes. J. F. Teehan. 2,308,250; Jan. 12.
- Indestructible form for use in the production of inflatable seamless articles. R. K. Frissell. 2,310,362; Feb. 9.
- Index assembly, Wringer. W. L. Kaufman, II. 2,320,324; May 25.
- Index directory. S. Widder and I. Weinger. 2,310,725; Feb. 9.
- Index mechanism. H. E. Balsiger. 2,328,251; Aug. 31.
- Index, Tab. N. J. Erb. 2,314,578; Mar. 23.
- Indexable support. B. R. Granberg and A. G. Ericson. 2,329,756; Sept. 21.
- Indexing device for wringers. W. L. Kaufman, II. 2,320,325; May 25.
- Indexing system and apparatus, Code. M. H. Loughlin. 2,329,019; Sept. 21.
- Indicating apparatus. A. E. Dodd. 2,309,174; Jan. 26.
- Indicating apparatus. G. A. Thompson. 2,324,336; July 13.
- Indicating depth gauge. M. R. Dague. 2,324,998; July 20.
- Indicating device. T. B. Holliday. 2,312,336; Mar. 2.
- Indicating device. H. B. Loughlin. 2,333,188; Nov. 2.
- Indicating device. D. C. Rockola. 2,318,526; May 4.
- Indicating device. W. G. Smith. Re. 22,277; Feb. 23.
- Indicating device, Electron ray. J. A. Hultquist. 2,317,460; Apr. 27.
- Indicating device, Gyro. B. G. Carlson. 2,333,981; Nov. 9.
- Indicating direction finder system, Right-left. E. J. Helele. 2,329,199; Sept. 14.
- Indicating instrument. J. B. Dickson and T. L. Holbrook. 2,317,182; Apr. 20.
- Indicating instrument. H. G. Ott. 2,328,485; Aug. 31.
- Indicating instrument, Condition responsive. E. T. Johnson. 2,333,793; Nov. 9.
- Indicating instrument, Flight position and force. A. Z. Bender. 2,320,505; June 1.
- Indicating instrument, Inclination. W. J. Opocensky. 2,334,950; Nov. 23.
- Indicating instruments, Calibrating. W. J. Konvalinka. 2,335,771; Nov. 30.
- Indicating lamp. C. P. West. 2,331,254; Oct. 5.
- Indicating lamp receptacle. A. H. Powell. 2,334,579; Nov. 16.
- Indicating means. H. C. Mattes and L. J. Wronke. 2,328,531; Aug. 31.
- Indicating means, Liquid level. F. P. Scully and A. E. Mathey. 2,328,686; Sept. 7.
- Indicating mechanism for amusement devices. C. A. Solinski. 2,308,787; Jan. 19.
- Indicating system. A. H. Belliveau. 2,330,356; Sept. 28.
- Indicating system. H. E. Hershey. 2,330,355; Sept. 28.
- Indicating system. A. R. John. 2,309,117; Jan. 26.
- Indicating system. V. A. Johnson. 2,330,358; Sept. 28.
- Indicating system, for overdrive control. E. M. Claytor. 2,317,029; Apr. 20.
- Indicating system, Fuse. J. D. Colvin. 2,317,030; Apr. 20.

- Indicating system, Liquid level. L. B. Winton. 2,334,463; Nov. 16.
- Indication system, Tuning. R. B. Dome. 2,333,990; Nov. 9.
- Indicator: See—
- Air-flow indicator.
 - Airplane flight level indicator.
 - Air speed and similar indicator.
 - Alarm indicator.
 - Automatic speed indicator.
 - Automobile direction indicator.
 - Call indicator.
 - Carriage type weight indicator.
 - Continuous mud weight indicator.
 - Direction indicator.
 - Directional gyroscope indicator.
 - Directional signal indicator.
 - Electric eye curb indicator.
 - Flare indicator.
 - Flight indicator.
 - Flight level indicator.
 - Flow indicator.
 - Fluid density indicator.
 - Fluid leveling indicator.
 - Fluid velocity indicator.
 - Frequency modulation tuning indicator.
 - Fuel indicator.
 - Gas flow indicator.
 - Hat indicator.
 - Landing indicator.
 - Liquid level indicator.
 - Machinist's indicator.
 - Magnetic indicator.
 - Magnetic permeability indicator.
 - Outage indicator.
 - Parking indicator.
 - Phase indicator.
 - Indicator. H. M. Bascom. 2,307,660; Jan. 5.
 - Indicator. E. P. Bullard. 2,338,163; Dec. 7.
 - Indicator. R. R. Chappell, R. B. Colt, and R. J. Streb. 2,308,645; Jan. 19.
 - Indicator. R. E. Conover. 2,321,581; June 15.
 - Indicator. E. G. Friedman. 2,328,208; Aug. 31.
 - Indicator. M. Lichter. 2,310,968; Feb. 16.
 - Indicator. E. G. Linder. 2,337,612; Dec. 28.
 - Indicator. D. W. Randolph. 2,321,855; June 15.
 - Indicator. F. G. Schweisenthal. 2,327,221; Aug. 17.
 - Indicator and control device, Remote. W. J. O'Brien and F. Andrews. 2,321,999; June 15.
 - Indicator and system, Distance. J. Herson. 2,314,883; Mar. 30.
 - Indicator and television for vessels, Reciprocal position. I. E. Elm. 2,307,029; Jan. 5.
 - Indicator control mechanism. B. G. Carlson. 2,333,983; Nov. 9.
 - Indicator for air-method cleaners, Demonstrating. D. B. Replegle. 2,335,885; Dec. 7.
 - Indicator for cameras, Depth of field. J. Mihalyi. 2,315,977; Apr. 6.
 - Indicator for clocks and watches. W. T. Jefferson. 2,310,582; Feb. 9.
 - Indicator for cooking stoves. C. M. Mayer. 2,310,900; Feb. 9.
 - Indicator for crane hoists, Safe load. H. P. Kuehni. 2,330,060; Sept. 21.
 - Indicator for dispensing pumps, Remote. M. A. Crosby. 2,319,444; May 18.
 - Indicator for drilling, Footage. J. C. and H. L. Conrad. 2,327,506; Aug. 24.
 - Indicator for milking machines, Milk-flow. A. G. Perkins. 2,321,615; June 15.
 - Indicator for motor cars, Direction. A. Koch. 2,320,615; June 1.
 - Indicator for pistons, Top center. B. F. Palmer. 2,320,192; May 25.
 - Indicator for recurring motion. L. M. Barnette and W. A. Pitts. 2,332,773; Oct. 26.
 - Indicator for rifle shooting, Wind. R. Wiles. 2,313,698; Mar. 9.
 - Indicator for suction cleaning system. D. R. Replegle. 2,325,633; Aug. 3.
 - Indicator for synchronous electrical control systems. C. F. Webb and N. E. Brewerton. 2,318,727; May 11.
 - Indicator for trenching machines, Grade. W. G. Van Voorhis. 2,334,459; Nov. 16.
 - Indicator for typewriters, Electric. G. A. Walker. 2,320,110; May 25.
 - Indicator for watt-hour meters, Heavy load. H. M. Withrow. 2,324,895; July 20.
 - Indicator gauge construction. D. R. Yarnall. 2,315,238; Mar. 30.
 - Indicator mechanism. K. Emde. 2,330,818; Oct. 5.
 - Indicator or relay system. R. A. Bierwirth. 2,312,306; Mar. 2.
 - Indicator or the like for aircraft, Rate-of-climb. R. Roudnicky. 2,334,885; Nov. 23.
 - Indicator system, Liquid depth. V. H. Conley. 2,328,954; Sept. 7.
 - Indicator, Turn. C. S. Draper. Re. 22,330; June 8.
 - Indicator valve. G. F. Houston. 2,321,679; June 15.
 - Indicia exhibiting means. H. W. Hem. 2,331,091; Oct. 5.
 - Individual service tea bag. G. B. Hogaboom, Jr. 2,308,241; Jan. 12.
 - Individual warp tension device. G. Holden. 2,329,374; Sept. 14.
 - Indoles, Production of. L. Spiegel. 2,307,244; Jan. 5.
 - Inductance apparatus. N. Botsford. 2,333,148; Nov. 2.
 - Inductance device, Continuously variable. D. H. Vance. 2,331,522; Oct. 12.
 - Inductance, Nonlinear. H. M. Huge. 2,329,537; Sept. 14.
 - Induction apparatus, Stationary. M. D. Troy. 2,314,912; Mar. 30.
 - Induction furnace. J. R. Wyatt. 2,320,692; June 1.
 - Induction heating device. E. S. Goodridge. 2,308,240; Jan. 12.
 - Induction meter. H. E. Treckell. 2,316,638; Apr. 13.
 - Induction-motor design and control, Variable-speed. L. A. Kilgore and M. Liwischitz. 2,333,575; Nov. 2.
 - Induction motors, Manufacture of. G. A. Gillen. 2,308,277; Jan. 12.
 - Induction type electricity integrating meter. J. Prince and M. Whitehead. 2,326,885; Aug. 17.
 - Inductive heating, Controlling. F. S. Denneen and W. C. Dunn. 2,315,508; Apr. 6.
 - Inductive reactance for welding circuits, Automatic. M. T. Moore. 2,315,159; Mar. 30.
 - Inductive winding. O. T. Farrar. 2,310,634; Feb. 9.
 - Inductor. J. G. Beard. 2,331,101; Oct. 5.
 - Inductor-type alternating current generator. E. I. Pol-lard. 2,307,604; Jan. 5.
 - Inductor switch. H. Williams, P. M. Martin, and D. H. Baum. 2,326,086; Aug. 3.
 - Industrial cooling water, Treating. C. J. Sprigman and S. I. Powell. 2,312,221; Feb. 23.
 - Industrial furnace. L. C. Hamlin. 2,316,580; Apr. 13.
 - Inertia actuated device. W. S. Diehl. 2,317,982; May 4.
 - Inertia operated control device. G. K. Newell. 2,311,856; Feb. 23.
 - Inertia switch. K. A. Edstrom. 2,325,908; Aug. 3.
 - Infant exerciser. V. G. Eisel. 2,327,253; Aug. 17.
 - Inflation apparatus. F. F. Bierlee. 2,313,215; Mar. 9.
 - Inflation apparatus. W. H. Hunter. 2,327,046; Aug. 17.
 - Inflation valve. W. F. Goff. 2,309,061; Jan. 19.
 - Information distribution system. M. L. Sanders. 2,321,944; June 15.
 - Infrared spectrophotometer. O. W. Pineo. 2,314,800; Mar. 23.
 - Ingot mold. V. A. Brennan. 2,328,417; Aug. 31.
 - Ingot mold. L. B. Lindemuth. 2,324,786; July 20.
 - Ingot mold. W. W. Schofield, W. Owen and J. Bidner. 2,310,553; Feb. 9.
 - Ingots, Forming composite. R. C. Ingersoll. 2,337,751; Dec. 28.
 - Ingots in a continuous casting process, Separating. A. Hone. 2,334,929; Nov. 23.
 - Ingots, Method and device for casting plated. P. Brenner. 2,310,893; Feb. 9.
 - Ingredient in closed containers, Detecting foreign. G. P. Stout. 2,317,559; Apr. 27.
 - Ingredients for agricultural parasiticide. K. R. Brown. 2,311,920; May 11.
 - Inhaler. P. A. Derham and J. H. Newport, Jr. 2,310,681; Feb. 9.
 - Inhaler. E. M. Holm. 2,309,846; Feb. 2.
 - Inhibition, Corrosion. M. T. Goebel and I. F. Walker. 2,318,606; May 11.
 - Inhibition of corrosion of magnesium and magnesium base alloys. C. J. Bushrod. 2,325,304; July 27.
 - Inhibitor and making same. A. W. Burwell and J. A. Camelford. 2,337,868; Dec. 28.
 - Inhibitor, Color. J. A. Chenick. 2,311,929; Feb. 23.
 - Inhibitor, Copper corrosion. F. M. Archibald and C. A. Harris. 2,311,505; Feb. 16.
 - Inhibitor, Corrosion. J. E. Shields. 2,330,524-5; Sept. 28.
 - Inhibitor, Cracking. B. C. Barton. 2,324,056; July 13.
 - Inhibitor for chemical deterioration. H. L. Thwaites. 2,314,466; Mar. 23.
 - Inhibitor for gasoline. R. H. Rosenwald and J. A. Chenick. 2,310,710; Feb. 9.
 - Inhibitor for photographic developers, Fog. A. Weiss-berger. 2,324,123; July 13.
 - Inhibitor, Gum. M. Ehrlich. 2,307,455; Jan. 5.
 - Inhibitor, Surface-active incrustation. R. S. Bley. 2,310,207-8; Feb. 9.
 - Initiator and cap. LeR. V. Clark. 2,325,742; Aug. 3.
 - Injection device for injection molding machines. R. W. Dinzl. 2,308,867; Jan. 19.
 - Injection molding. W. Tucker. 2,332,679; Oct. 26.
 - Injection molding machine. E. Hempel. 2,320,594; June 1.
 - Injection molding machine. W. R. Tucker. 2,327,227; Aug. 17.
 - Injection nozzle for water treating apparatus, Chemical. J. F. Sebald. 2,335,161; Nov. 23.
 - Injection pump. E. Hahn. 2,322,356; June 22.

- Injection unit. W. R. Tucker. 2,322,200; June 15.
 Injector. J. K. Auman. 2,336,522; Dec. 14.
 Injector apparatus. F. L. and C. A. Sanna. 2,313,894; Mar. 16.
 Injector discharge control valve. D. E. Folke. 2,330,275; Sept. 28.
 Injector for steam generating irons. M. A. Schwartz. 2,322,890; Aug. 17.
 Injector, Vaccine. E. Powell. 2,324,535; July 20.
 Ink and making the same. Lithographic printing. H. J. Wolfe. 2,324,450; July 20.
 Ink and marking dry cleaned articles therewith. J. Miglarski. 2,332,329; Nov. 2.
 Ink and vehicle therefor. Ceramic stenciling. F. Shurley. 2,318,124; May 4.
 Ink applying apparatus. P. J. Wentworth. 2,309,286; Jan. 20.
 Ink comprising cellulose derivatives. Printing. N. R. Peterson and J. L. Sherk. 2,321,316; June 8.
 Ink fountain typing machine. G. E. Felton. 2,322,737; June 22.
 Ink heat set. I. M. Bernstein. 2,330,667; Sept. 28.
 Ink, Nonsmudging copying. B. L. Kline. 2,338,012; Dec. 28.
 Ink, Printing. F. E. Barmeler. 2,325,297; July 27.
 Ink, Printing. I. M. Bernstein. 2,324,671; July 20.
 Ink, Printing. C. Ellis. 2,314,307; Mar. 16.
 Ink, Printing. D. R. Erickson and P. J. Thoma. 2,313,328; Mar. 9.
 Ink, Printing. D. R. Erickson and P. J. Thoma. 2,323,710; July 6.
 Ink, Printing. D. R. Erickson and P. J. Thoma. 2,327,594-7; Aug. 24.
 Ink, Printing. D. R. Erickson and P. J. Thoma. 2,323,983-4; Dec. 14.
 Ink, Printing. C. E. Irion. 2,331,194; Oct. 5.
 Ink, Printing. A. J. Pingarron. 2,335,882; Dec. 7.
 Ink, Printing. H. P. Schmitz. 2,316,629; Apr. 13.
 Ink roll construction. J. Mehlman. 2,327,122; Aug. 17.
 Ink arrangement for printing presses. F. W. Hill. 2,330,359; Sept. 26.
 Inking unit for job printing presses and the like. T. A. Terry. 2,323,962; Nov. 9.
 Inking device for printing apparatus. E. P. Drake and C. D. Ryan. 2,320,698; June 1.
 Inking mechanism for printing presses. C. W. Harrold. 2,314,351; Mar. 23.
 Inks and composition therefor. Method of setting printing. C. Gees. 2,317,370; Apr. 27.
 Inlaid article and inlaying. J. J. Larmour. 2,330,497; Sept. 28.
 Inner packing of corrugated board. A. Greenberg. 2,314,491; Mar. 23.
 Innersole. B. D. Levine. 2,332,466; Oct. 19.
 Inner sole for children. Corrective. C. I. Kell. 2,335,187; Nov. 23.
 Innersole for shoes. W. M. Schlar. 2,309,673; Feb. 2.
 Innersole. Shoe. F. L. Ayers. 2,336,155; Dec. 7.
 Inner tube. R. F. Wilson and J. W. Liska. 2,308,955; Jan. 19.
 Inner tube and producing the same. H. W. Greenup. 2,324,974; July 20.
 Inner tubes. Manufacturing puncture sealing. A. N. Ikanyan. 2,332,913; Oct. 26.
 Inorganic fibrous material. Producing. W. M. Bergin and A. L. Smisson. 2,335,102; Nov. 23.
 Inorganic hydrous oxide bodies, and product. Waterproofing. E. A. Hauser. 2,317,685; Apr. 27.
 Insect catcher. H. R. Etzler. 2,326,845; Aug. 17.
 Insect control. T. S. Carswell. 2,327,338; Aug. 24.
 Insect life in flour and the like in bulk. Method and apparatus for destroying. F. R. Smith. 2,312,368; Mar. 2.
 Insect lure. M. McPhail. 2,307,844; Jan. 12.
 Insecticidal compositions. C. D. Dolman. Re. 2,2340; July 6.
 Insecticidal compositions containing polyetheramines. W. F. Hester. 2,325,514; July 27.
 Insecticide. S. A. Ballard and V. E. Haury. 2,307,482; Jan. 5.
 Insecticide. W. E. Craig and W. F. Hester. 2,312,801; Mar. 2.
 Insecticide. C. E. Dieter, G. E. Lynn, and B. J. Thiegs. 2,330,340; Sept. 28.
 Insecticide. S. I. Gertler and H. L. J. Haller. 2,326,350; Aug. 10.
 Insecticide. F. B. La Forge and H. L. J. Haller. 2,328,726; Sept. 7.
 Insecticide. E. R. McGowan. 2,332,097; Oct. 19.
 Insecticide. L. Moyle. 2,330,234; Sept. 28.
 Insecticide. M. D. L. van Over. 2,333,661; Oct. 26.
 Insecticide. E. S. R. Willmore and F. A. Cogger. 2,332,960; Oct. 26.
 Insecticide and making the same. Arsenical. J. F. Les Veaux. 2,337,034; Dec. 21.
 Insecticide, and method of using. W. A. Knapp. 2,315,965; Apr. 6.
 Insecticide composition. Organic. D. W. Young. 2,322,723; June 22.
 Insecticide dispenser. C. A. Lindberg. 2,336,873; Dec. 14.
 Insecticide spray material and making the same. R. B. Arnold. 2,311,629; Feb. 23.
 Insecticides, Protection of. J. Motte and J. Pomot. 2,309,860; Feb. 2.
 Insects, Exterminating. C. H. Closs. 2,315,772; Apr. 6.
 Insert for publications. H. J. Fey. 2,309,244; Jan. 26.
 Inserted blade cutter. F. P. Miller. 2,309,410; Jan. 26.
 Insertor, Diaphragm. G. H. Chamberlain, Jr. 2,324,485; July 20.
 Insertion for cushions or the like. G. Török. 2,328,513; Aug. 31.
 Insidia handkerchief and arm band. Combination. J. G. Langer. 2,322,854; June 29.
 Insidia to rubber, Integrating colored. H. O. Bates. 2,316,149; Apr. 13.
 Insole and middle sole. Resilient ventilated. M. Margolin. 2,327,361; Aug. 24.
 Insole and outer sole combination. M. Margolin. 2,327,360; Aug. 24.
 Insole and shank stiffener therefor. N. Rosenthal. 2,308,895; Jan. 19.
 Insole and treatment thereof, Flexible. C. H. Daniels. 2,318,926; May 11.
 Insole machine. F. E. Bertrand. 2,326,119; Aug. 10.
 Insole, Resilient. M. Margoline. 2,319,818; May 25.
 Insole, Resilient breathing. M. Margolin. 2,307,416; Jan. 5.
 Insole taping machine. F. L. Ayers. 2,315,493; Apr. 6.
 Insoles, Manufacture of. C. W. Baker. 2,337,020; Dec. 21.
 Inspecting device. H. W. Hoffman. 2,318,856; May 11.
 Inspecting device. D. H. Levine. 2,316,440; Apr. 13.
 Installation of underground ducts. E. Williams. 2,325,565; July 27.
 Instruclung by histophonetics. E. I. Schindler. 2,328,169; Aug. 31.
 Instrument case. W. L. Egy. 2,316,573; Apr. 13.
 Instrument case. A. Langsner. 2,332,861; Oct. 26.
 Instrument case or the like. J. A. Widmer. 2,320,992; June 8.
 Instrument control. J. B. Brennan. 2,308,234; Jan. 12.
 Instrument, deflection modifier. H. A. Andersen. 2,325,582; Aug. 3.
 Instrument dial lock. A. S. Kester. 2,323,608; July 6.
 Instrument, Drawing. A. Hebr. 2,317,052; Apr. 20.
 Instrument field testing set. H. N. Lumm. 2,310,974; Feb. 16.
 Instrument, Fire control. J. F. Joy. 2,325,610; Aug. 3.
 Instrument for establishing points for drawings. E. J. O'Keefe. 2,327,058; Aug. 17.
 Instrument for indicating the attitude and behaviour of aircraft in flight. T. W. Langley. 2,310,446; Feb. 9.
 Instrument for measuring liquids. L. G. Zachos. 2,326,111; Aug. 10.
 Instrument for suturing. J. D. Karle. 2,327,353; Aug. 24.
 Instrument for the simultaneous direct determination of latitude and local sidereal time from a single setting on the night sky. N. W. Storer. 2,316,466; Apr. 13.
 Instrument illumination. C. I. MacNeil. 2,308,704; Jan. 19.
 Instrument mounting. I. O. Miner. 2,312,926; Mar. 2.
 Instrument mounting and fastener therefor. G. A. Tinnerman. 2,326,903; Aug. 17.
 Instrument mounting device. P. J. Ries. 2,318,633; May 11.
 Instrument, Musical. J. Thompson. 2,320,202; May 25.
 Instrument, Musical. J. Thompson and M. S. Brockman. 2,320,203; May 25.
 Instrument, Orthoptic. LeR. Wottring. 2,316,139; Apr. 6.
 Instrument pointer, Illuminated. O. N. Christensen. 2,314,817; Mar. 23.
 Instrument suspension system. M. C. Marsh. 2,335,072; Nov. 23.
 Insufflator. B. Bolté and H. McNeilly. 2,307,980; Jan. 12.
 Insulated conductor. J. R. Patterson. J. R. Reid, and H. A. Letteron. 2,337,020; Dec. 28.
 Insulated electrical conductor. H. J. Kauth. 2,334,710; Nov. 23.
 Insulated enamel for electric conductors. H. J. Kauth. 2,323,333; July 6.
 Insulated freezer shell and transmission. L. A. M. Pielan. 2,314,598; Mar. 23.
 Insulated rail joint and insulation therefor. J. N. Mende. 2,315,444; Mar. 30.
 Insulated sliding cutter. J. H. Norrid. 2,312,971; Mar. 2.
 Insulating. G. B. Brown. 2,318,744; May 11.
 Insulating apparatus for electric fences. L. J. Schilling. 2,311,779; Feb. 23.
 Insulating blowing machine. R. M. Patterson. 2,311,773; Feb. 23.
 Insulating bushing. W. H. Jacobi. 2,315,623; Apr. 6.
 Insulating bushing. A. J. A. Peterson, J. H. Frakes, and G. A. Burr. 2,308,022; Jan. 12.
 Insulating casing, Collapsible. P. Zalkind. 2,326,817; Aug. 17.
 Insulating construction element. D. Roberts. 2,323,936; July 13.
 Insulating construction, Heat. H. W. Collins. 2,323,297; July 6.
 Insulating covering. G. B. Brown and P. D. Cannon. 2,315,837; Apr. 6.

- Insulating covering. A. D. MacNutt. 2,316,093; Apr. 6.
 Insulating device. H. R. Owen. 2,337,267; Dec. 21.
 Insulating material. J. L. Finck. 2,309,056; Jan. 19.
 Insulating material. Heat. D. W. Fether. 2,334,400; Nov. 16.
 Insulating material. Making heat. D. W. Fether. 2,334,399; Nov. 16.
 Insulating means. R. J. Olander. 2,329,358; Sept. 14.
 Insulating means or cover for metal baths. H. H. Smith. 2,311,881; Feb. 23.
 Insulating panel. Heat. D. D. Grassick. 2,312,987; Mar. 2.
 Insulating part of storage batteries. M. T. Harvey. 2,310,077; Feb. 2.
 Insulating structure. T. S. Donnelly. 2,327,303; Aug. 17.
 Insulation. W. S. Acuff, Jr. 2,330,941; Oct. 5.
 Insulation. C. D. Cope. 2,307,918; Jan. 12.
 Insulation. R. B. Sawtell. 2,335,968; Dec. 7.
 Insulation and manufacture. Sound damping. H. B. Hutten. 2,320,737; June 1.
 Insulation. Building. G. E. Edwards. 2,335,220; Nov. 23.
 Insulation. High-voltage coil. J. G. Ford. 2,320,922; June 1.
 Insulation. Manufacturing fibrous. G. B. Brown. 2,326,517; Aug. 10.
 Insulation testing device. D. E. Stearns. 2,332,182; Oct. 19.
 Insulation testing equipment. J. H. Frakes and G. C. Saltzman. 2,333,532; Nov. 2.
 Insulation units. Manufacture of. N. E. Newman. 2,340,206; Jan. 26.
 Insulator. H. S. Krueger. 2,331,481; Oct. 12.
 Insulator. G. W. Neely. 2,319,152; May 11.
 Insulator. Bushing. T. F. Brandt. 2,321,793; June 15.
 Insulator. Clutch housing. N. E. Wahlberg and W. S. Berry. 2,328,518; Aug. 31.
 Insulator. Lead in. P. E. Anderson and J. J. Yolles (also known as Jack or Jacob Yolles). 2,315,492; Apr. 6.
 Insulator plunger support. C. B. Shillinger. 2,331,053; Apr. 5.
 Insulator remover. J. A. Stensrud. 2,329,562; Sept. 14.
 Insulator. Spark plug. K. Schwartzwalder. 2,332,014; Oct. 19.
 Insulator. Support and coupling method. D. E. Esser. H. W. Kelley and N. W. Matthews. 2,332,502; Oct. 26.
 Insulator testing. J. H. Frakes. 2,307,499; Jan. 5.
 Insulator. Thimble-equipped. R. W. Barnitz. 2,323,967; July 13.
 Insulators. Coating of. E. H. Fischer. 2,333,557; Nov. 2.
 Insulators. Within tubes. Retaining. C. W. Hansell. 2,333,065; Oct. 26.
 Insulin preparation. V. Leonard. 2,328,729; Sept. 7.
 Integral lined tubing. Manufacturing. E. Penner. 2,337,490; Dec. 21.
 Integral separable fastener. I. Marinsky. 2,325,332; July 27.
 Integrating and total displaying mechanism for totalizers. G. A. and A. F. Julius. 2,324,775; July 20.
 Integrating apparatus. R. W. Ross. 2,309,790; Feb. 2.
 Integrating mechanism. C. B. Moore. 2,330,606; Sept. 28.
 Integrating mechanism. W. G. Trumbower. 2,332,954; Oct. 26.
 Integument treating apparatus. C. Nessler. 2,331,621; Oct. 12.
 Interceptor. Torpedo. J. Haut. 2,311,388; Feb. 16.
 Interchangeable covering member. C. A. Harpootlian. 2,320,078; May 25.
 Interchangeable sign. M. Greenwald and E. Sacks. 2,334,083; Nov. 9.
 Interference suppressing circuit. H. B. Rubin. 2,311,696; Feb. 23.
 Interlock. D. K. Hughes. 2,313,873; Mar. 16.
 Interlock for elevator doors. A. E. Prince. 2,307,542; Jan. 5.
 Interlock mechanism. D. S. Willson. 2,311,193; Feb. 16.
 Interlock system. G. L. Claybourn and L. E. Keck. 2,320,849; June 1.
 Interlocking and zeroizing mechanism. J. C. Woodford and J. E. Fernly. 2,336,381; Dec. 7.
 Interlocking, indicating, and control device for amusement park rides. W. B. Schmidt, T. B. Morse, and M. H. Rieves. 2,310,039; Feb. 2.
 Interlocking mechanism for electric switches. K. M. Hammell. 2,328,801; Sept. 7.
 Interlocking wear sleeve for a tool joint. W. A. Abegg. 2,336,974; Dec. 14.
 Intermediates for estrogenic therapeutic agents. E. Rohrmann. 2,326,068; Aug. 3.
 Intermittent flow valve. W. S. White. 2,315,570; Apr. 6.
 Intermittent gas lift pump. G. L. Thompson and L. A. Cejka. 2,318,029; May 4.
 Intermittent movement assembly. K. Brenkert. 2,313,317; Mar. 9.
 Intermittent. Gas lift. M. B. Thomas. 2,317,121; Apr. 20.
 Intermittent system for flowing wells. L. M. Trawick. 2,312,455; Mar. 2.
 Intermitting unit. Automatic. W. Brauer. 2,324,132; July 13.
 Intermitting unit. Dual automatic. W. Brauer. 2,324,355; July 13.
 Internal bearings in centrifugal gas pumps. Lubricating. J. S. Swearingen. 2,332,614; Oct. 26.
 Internal combustion and apparatus therefor. A. M. Thomsen. 2,326,266; Aug. 10.
 Internal combustion engine. E. Allstadt. 2,326,913; Aug. 17.
 Internal combustion engine. J. W. Anderson and R. J. Hooker. 2,309,291; Jan. 26.
 Internal combustion engine. J. W. Anderson and W. M. Nichols. 2,318,914-15; May 11.
 Internal combustion engine. W. R. Appeman. 2,335,252; Nov. 30.
 Internal combustion engine. B. M. Baer. 2,317,167; Apr. 20.
 Internal combustion engine. J. O. Camp. 2,326,329; Aug. 10.
 Internal combustion engine. E. E. Christopher. 2,337,543; Dec. 28.
 Internal combustion engine. P. S. de Beaumont. 2,309,170; Jan. 26.
 Internal combustion engine. C. A. Duke. 2,310,733; Feb. 9.
 Internal combustion engine. G. R. Ericson. 2,332,440; Oct. 19.
 Internal combustion engine. E. M. Fisk. 2,334,185; Nov. 16.
 Internal combustion engine. Le R. H. Fralling. 2,333,993; Nov. 9.
 Internal combustion engine. W. Glamann. 2,323,028; Feb. 19.
 Internal combustion engine. C. S. Goby. 2,316,160; Apr. 13.
 Internal combustion engine. H. O. Hedges. 2,322,293; June 22.
 Internal combustion engine. E. E. Heuschöber. 2,327,523; Aug. 24.
 Internal combustion engine. H. J. Hickey. 2,316,790; Apr. 20.
 Internal combustion engine. C. L. Hockney. 2,336,787; Dec. 14.
 Internal combustion engine. O. R. Hughes. 2,327,645; Aug. 24.
 Internal combustion engine. F. Hurum. 2,313,017; Mar. 2.
 Internal combustion engine. H. M. Jacklin. 2,337,245; Dec. 21.
 Internal combustion engine. T. Jackson. 2,335,186; Nov. 23.
 Internal combustion engine. E. Jacobsen. 2,314,789; Mar. 23.
 Internal combustion engine. J. W. Lacy. 2,311,311; Feb. 16.
 Internal combustion engine. E. A. Latta. 2,316,697; Apr. 13.
 Internal combustion engine. H. Maruhn. 2,316,269; Apr. 13.
 Internal combustion engine. K. Maybach. 2,315,215; Mar. 30.
 Internal combustion engine. R. Miller, R. L. Jansen and J. W. Anderson. 2,318,954; May 11.
 Internal combustion engine. A. E. Osborn. 2,310,542; Feb. 9.
 Internal combustion engine. A. Pischinger and F. Antweiler. 2,332,928; Oct. 26.
 Internal combustion engine. G. A. Poll. 2,330,378; Sept. 28.
 Internal combustion engine. B. A. Pyatt. 2,316,618; Apr. 13.
 Internal combustion engine. F. A. Quiroz. 2,315,011; Mar. 30.
 Internal combustion engine. E. T. Rodgers. 2,311,693; Feb. 23.
 Internal combustion engine. E. T. Rodgers. 2,331,801; Oct. 12.
 Internal combustion engine. A. C. Sampietro. 2,321,943; June 15.
 Internal combustion engine. A. W. Scarratt and G. E. Lundberg. 2,327,932; Aug. 24.
 Internal combustion engine. N. P. Sherwood. 2,327,565; Aug. 24.
 Internal combustion engine. E. C. Silvey. 2,317,946; Apr. 27.
 Internal combustion engine. C. R. Smith. 2,312,500; Mar. 2.
 Internal combustion engine. A. M. Starr. 2,315,907; Apr. 6.
 Internal combustion engine. C. E. Summers. 2,314,175; Mar. 16.
 Internal combustion engine. O. E. Szekely. 2,334,731; Nov. 23.
 Internal combustion engine. W. S. Taber. 2,317,154; Apr. 20.
 Internal combustion engine. E. O. Thege. 2,314,670; Mar. 23.
 Internal combustion engine. W. D. Tipton. 2,308,839; Jan. 19.
 Internal combustion engine. F. A. Voiles. 2,307,908; Jan. 12.

- Internal combustion engine. C. Voorhies. 2,309,740; Feb. 2.
- Internal combustion engine. A. G. F. Wallgren. 2,334,972; Nov. 23.
- Internal combustion engine. E. M. Ward. 2,322,606; June 22.
- Internal combustion engine. M. Ware. 2,309,227; Jan. 26.
- Internal combustion engine and starting means therefor. O. C. Norton. 2,334,683; Nov. 16.
- Internal combustion engine arrangement. W. E. Johnson. 2,332,916; Oct. 26.
- Internal combustion engine charge forming apparatus. R. M. Anderson. 2,323,639; July 6.
- Internal combustion engine construction. M. Essl. 2,323,209; June 29.
- Internal combustion engine control. R. M. Nardone. 2,322,584; June 22.
- Internal combustion engine exhaust system. E. E. Wilson. 2,332,543; Oct. 26.
- Internal combustion engine, Horizontal. H. Lieberherr. 2,332,092; Oct. 19.
- Internal combustion engine, Multiple firing X type four cycle. A. G. Davis. 2,318,599; May 11.
- Internal combustion engine of the sleeve valve type, Four-stroke cycle. E. Schmid. 2,321,564; June 8.
- Internal combustion engine operating on the two stroke cycle with liquid full injection. H. R. Ricardo. 2,318,333; Dec. 24.
- Internal combustion engine, Starter for. B. D. and J. D. Maule. 2,314,547; Mar. 23.
- Internal combustion engine with scavenging pump. F. Huber and A. Leatz. 2,317,772; Apr. 27.
- Internal combustion engines, Liquid cooling system for. H. N. Charles. 2,336,068; Dec. 7.
- Internal combustion engines, Piston cooling. A. Feroy. 2,337,090; Dec. 24.
- Internal combustion engines with supercharge, Operating. O. Peterson and S. H. Jensen. 2,325,538; July 27.
- Internal combustion motor. V. J. Keller. 2,331,784; Oct. 12.
- Internal combustion motor. J. M. Morgan. 2,319,427; May 18.
- Internal combustion, rotary engine. C. H. Miller. 2,318,514; May 4.
- Internal combustion turbine engine. W. R. Gunst. 2,336,786; Dec. 14.
- Internal grooving tool. L. E. Jones. 2,332,935; Nov. 9.
- Internal safety valve system. S. E. Carlson. 2,320,567; June 1.
- Internal thread gauge. J. F. Anders. 2,331,757; Oct. 12.
- Internally stressed structure. H. E. Somes. 2,316,110; Apr. 6.
- Interpolyamides. R. H. Wiley. 2,336,824; Dec. 14.
- Interpolymerization product of a polyacryl ester and an unsaturated alkyl resin. G. F. D'Allelio. 2,308,494; Jan. 19.
- Interpolymerization product of an unsaturated alkyl resin and a monoallyl ester of a nonvinyl mono-esterifiable acid. G. F. D'Allelio. 2,308,495; Jan. 19.
- Interpolymers of an unsaturated alkyl resin and a poly-(halogenoallyl) ester. G. F. D'Allelio. 2,310,798; May 25.
- Interpolymers of an unsaturated alkyl resin and a poly-(1-halogenoallyl) ester. G. F. D'Allelio. 2,319,799; May 25.
- Interpolymers of an unsaturated alkyl resin and a 3-hydroxy alkene-1 polyester of a polycarboxylic acid. G. F. D'Allelio. 2,323,706; July 6.
- Interpolymers of diallyl itaconate and ethyl methacrylate. G. F. D'Allelio. 2,310,731; Feb. 9.
- Interpolymers, Purification of. R. M. Thomas and I. E. Lightbown. 2,322,072; June 15.
- Interrupted oil ring. T. A. Bowers. 2,311,727; Feb. 23.
- Interrupter, Long-dash. E. Hajos. 2,332,142; Oct. 19.
- Interrupter system. H. J. Brown. 2,327,570; Aug. 24.
- Inverter circuit. H. M. Hage. 2,338,079; Dec. 28.
- Investment. R. Neiman. 2,314,626; Mar. 23.
- Investment composition. R. Neiman, R. C. Ernst, and E. A. Steinbock. 2,313,085-6; Mar. 9.
- Invoice container. A. J. Hopkins. 2,318,997; May 11.
- Iodine compound for animal feeding. A. W. Russell and P. J. Witte. 2,331,424; Oct. 12.
- Iodo derivatives of steroid compounds and manufacturing the same. B. Helferich and E. Günther. 2,311,050; Feb. 16.
- Ion activity measurement device. E. D. Coleman. 2,311,977; Feb. 23.
- Iron. See—
- Alloy malleable iron. Pressing and steaming
- Combination steaming and pressing iron. Pressing iron.
- Electric iron. Rustless iron.
- Electric pressing iron. Soldering iron.
- Electric soldering iron. Steam generating electric
- Electric steam iron. iron.
- Electric steaming iron. Steam hand iron.
- Electrodepositing iron. Steam iron.
- Magnetic apparatus for removing tramp iron. Steam pressing iron.
- Malleable cast iron. Tire iron.
- Iron. G. E. Price. 2,337,836; Dec. 28.
- Iron and ruffler, Combination. T. W. Shaw. 2,308,314; Jan. 12.
- Iron and steel, Polishing stainless. J. N. Ostrofsky. 2,331,721; Oct. 12.
- Iron and steel, Polishing stainless. J. N. Ostrofsky. 2,335,354; Nov. 30.
- Iron and steel, Production of. H. A. Brassert and S. P. Kinney. 2,316,665; Apr. 13.
- Iron core, High-frequency. V. K. Patzschke and O. Wohlfarth. 2,318,415; May 4.
- Iron from iron ore, Production of. F. L. Duffield. 2,333,417; Nov. 2.
- Iron, Manufacture of cast. D. B. Reeder. 2,333,741; Nov. 9.
- Iron, Manufacture of wrought. E. B. Story. 2,311,002; Feb. 16.
- Iron ore, Treating. R. H. B. Jones. 2,331,074; Oct. 5.
- Iron pyhtate, Making. H. H. Schopmeyer and G. V. Sharps. 2,313,276; Mar. 9.
- Iron rest, Sliding. J. Brusilowsky. 2,333,616; Nov. 2.
- Iron sealplate, Production of. H. E. Keyes. 2,332,647; Oct. 26.
- Ironer. L. Ringer. 2,318,422; May 4.
- Ironer. H. M. Rumbaugh. 2,320,306; May 25.
- Ironer. G. W. Wardwell, Jr. 2,325,447; July 27.
- Ironer. G. W. Wardwell, Jr. 2,325,450; July 27.
- Ironer and drier, Direct fired single tube flatwork. T. J. Sullivan. 2,322,957; June 29.
- Ironer, Flatwork. H. C. A. Meyer and E. R. Clark. 2,334,832; Nov. 23.
- Iron roll covering unit. J. G. Schoepf. 2,333,824; Nov. 9.
- Ironer, Rotary. G. W. Wardwell, Jr. 2,325,449; July 27.
- Ironer, Variable speed. F. Morella. 2,314,415; Mar. 23.
- Ironing and folding machine, Combined. O. W. Johnson. 2,330,977; Oct. 5.
- Ironing board. H. B. Fay. 2,313,135; Mar. 9.
- Ironing board. H. B. Fay. 2,325,493; July 27.
- Ironing board. F. E. M. Harris. 2,334,784; Nov. 9.
- Ironing board. W. H. Pleiss. 2,311,612; Feb. 16.
- Ironing board. T. J. Reinhart. 2,322,392; June 22.
- Ironing board. D. W. Thomas. 2,313,181; Mar. 9.
- Ironing board attachment. T. V. Baker. 2,331,100; Oct. 5.
- Ironing board attachment. Y. R. Douskey. 2,337,876; Dec. 28.
- Ironing boards, Material supporting attachment for. A. H. Moore. 2,331,344; Nov. 16.
- Ironing cord holder. T. G. Bonan. 2,317,976; May 4.
- Ironing element. P. Burgard. 2,331,171; Oct. 5.
- Ironing, finishing and folding operation, Shirt. J. W. Steele. 2,321,870; June 15.
- Ironing machine. F. B. Clark. 2,325,475; July 27.
- Ironing machine. A. J. Patch. 2,311,569; Feb. 16.
- Ironing machine. J. W. Backley. 2,311,250; Feb. 16.
- Ironing machine. F. S. Stout, W. G. Bond and L. A. Luther. 2,317,493; Apr. 27.
- Ironing machine. G. W. Wardwell, Jr. and G. J. Filia. 2,325,448; July 27.
- Ironing machine cabinet. D. A. Lundy. 2,331,789; Oct. 12.
- Ironing machine control. J. A. Castricone. 2,313,123; Mar. 9.
- Ironing machine, Portable. T. J. Little, Jr. 2,319,416; May 18.
- Ironing machine support. H. A. Sperlich. 2,314,799; Mar. 16.
- Ironing pad. A. T. Smith. 2,320,249; May 25.
- Ironing table. H. B. Fay. 2,319,397; May 18.
- Ironing table. G. O. Miller. 2,332,927; Oct. 26.
- Ironing table. L. C. Watling. 2,308,035; Jan. 12.
- Ironing table and the like, Folding. H. Howe. 2,314,043; Mar. 16.
- Irradiator. W. Baekker. 2,308,145; Jan. 12.
- Irrigation ditches, Lining of. J. T. R. McCorkle and E. V. Berg. 2,308,294; Jan. 12.
- Irrigator. O. A. Peters. 2,324,234; July 13.
- Irrigator, Coloric. B. B. and B. O. Crawford. 2,313,805; Mar. 16.
- Isaalkylidene aminophenol. F. R. Bean. 2,336,215; Dec. 7.
- Isobutane, Production of. W. A. Ackerman and W. S. Bonnell. 2,317,241; Apr. 20.
- Isotactic, Production of. V. N. Ipatieff and H. Pines. 2,313,225-6; May 4.
- Isobutylene from hydrocarbon mixtures, Separation of. J. A. Bannon and H. G. Schneider. Re. 2,226,8; Feb. 16.
- Isocyanate treatment of polyamides. G. J. Berchet. 2,333,914; Nov. 9.
- Isocyanate, Unsaturated. D. D. Coffman. 2,334,476; Nov. 16.
- Isocyanates. W. Siefken and A. Doser. 2,326,501; Aug. 10.
- Isocyanates, Preparation of long chain organic. W. E. Hanford. 2,319,057; May 11.
- Iso-dialkylstilbestrols to dialkylstilbestrols, Rearrangement of. A. Serini and K. Steinruck. 2,311,093; Feb. 16.
- Isoforming. E. W. Thiele and G. E. Schmitkons. 2,326,703; Aug. 10.
- Isoforming. E. W. Thiele, G. E. Schmitkons, and C. M. Hull. 2,326,705; Aug. 10.
- Isolation of dicarboxylic acids from their mixtures. W. Lehmann and R. Schröter. 2,323,061; June 29.

- Junction box. H. P. Chandler. 2,317,667; Apr. 27.
 Justifying and indentation control, Automatic. A. F. Colton. 2,322,222; June 22.
 Kaleidoscope device, Projecting. W. C. Eddy. 2,307,202; Jan. 5.
 Keeper for locks and latches. F. M. Fisher. 2,312,892; Mar. 2.
 Kerf cutting apparatus. L. E. Simmons. 2,324,033; July 13.
 Kerf cutting machine. J. F. Joy. 2,315,430; Mar. 30.
 Kerf-cutting machine. F. A. Lindgren. 2,308,451; Jan. 12.
 Kerf-cutting machine. F. A. Lindgren. 2,327,724; Aug. 24.
 Kerf cutting machine. F. A. Lindgren. 2,336,992; Dec. 14.
 Kerf-cutting machine. W. W. Sloane. 2,323,493; July 6.
 Kerf-cutting machine, Mounted. E. M. Arentzen. 2,332,546; Oct. 26.
 Keto sulphides and making same. G. H. Morey. 2,327,966; Aug. 24.
 Ketones and making same, Doubly unsaturated. A. Wettstein. 2,311,102; Feb. 16.
 Ketones, Hydrogenation of. V. N. Ipatieff and V. Haensel. 2,334,100; Nov. 9.
 Ketones of the cyclopentano-polyhydro-phenanthrene series and a method of producing the same. A. Butenandt, H. H. Inhoffen, and H. Dannenbaum. 2,326,756; Aug. 17.
 Ketones of the cyclopentano-polyhydro-phenanthrene series and making the same. Side chain. K. Miescher and A. Wettstein. 2,309,408; Jan. 26.
 Ketones of the cyclopentano-polyhydro-phenanthrene series, Manufacture of. W. Logemann and W. Hildebrand. 2,324,522; July 20.
 Ketones, Preparation of unsaturated. C. A. Cohen. 2,312,751; Mar. 2.
 Ketones, Production of. A. C. Byrns. 2,315,046; Mar. 30.
 Ketones, Purification of. J. A. Patterson. 2,337,489; Dec. 21.
 Ketones, Stabilization of unsaturated. E. M. McMahon. 2,324,101; July 13.
 Ketonic polycarboxylic acids. H. A. Bruson. 2,320,217; May 25.
 Kettle. F. H. Groen, Jr. 2,328,210; Aug. 31.
 Kettle, Bitumen heating. W. McK. White. 2,308,733; Jan. 19.
 Kettle, Deep fat frying. B. B. Lowe. 2,337,481; Dec. 21.
 Key action mechanism. A. R. Rienstra. 2,309,537; Jan. 26.
 Key and keyway construction. R. R. Curtis. 2,335,744; Nov. 30.
 Key and knife, Combination. W. H. Voos. 2,316,655; Apr. 13.
 Key assembling machine. W. D. Jordan. 2,315,528; Apr. 6.
 Keyboard mechanism for typographical machines. G. W. Heatty. 2,334,060; Nov. 9.
 Keyboard perforator. R. A. Lake. 2,316,795; Apr. 20.
 Keyboard perforator and counter. L. R. Cook and M. T. Goetz. Re. 2,235,50; July 20.
 Keyboard perforator and counter. L. M. Potts. Re. 2,237; Sept. 14.
 Key, Can opening. T. L. Gats. 2,325,601; Aug. 3.
 Key-carrying device. W. I. Jones. 2,322,644-5; June 22.
 Key case. B. Stillier. 2,313,485; Mar. 9.
 Key case fastening means. M. E. Trollden. 2,330,162; Sept. 21.
 Key construction for fastening objects to rotatable shafts. C. W. Shaw. 2,332,271; Oct. 19.
 Key, Container opening. S. J. Staples. 2,333,692; Nov. 9.
 Key, Container opening. E. E. Zabler. 2,326,191; Aug. 10.
 Key cutting and duplicating machine. E. N. Jacob. 2,329,269; Sept. 14.
 Key for cylinder locks. H. G. Ramsell and J. W. Taylor. 2,318,887; May 11.
 Key for dispensing apparatus, Registering. S. Esgr6. 2,313,424; May 9.
 Key for pinning gears to shafts. C. W. Shaw. 2,332,270; Oct. 19.
 Key, Grille bar. W. C. De Roo. 2,314,034; Mar. 16.
 Key holder. B. S. Berger. 2,330,546; Sept. 28.
 Key holder. H. H. Campbell. 2,322,920; June 29.
 Key holder. W. V. Johnson. 2,327,433; Aug. 24.
 Key, Machinery. H. K. Elliott. 2,325,491; July 27.
 Key-opening can. N. J. Hastrup. 2,313,198; Mar. 9.
 Key pulsing sender for telephone systems. W. Pouliart. 2,333,195; Nov. 2.
 Key, Radio speed. J. R. Pinelli. 2,325,631; Aug. 3.
 Key ring. W. J. Morse. 2,321,504; June 8.
 Keying arrangement for electric signaling systems. A. G. Cooley. 2,328,056; Aug. 31.
 Keying control method and system. R. A. Hilferty. 2,335,278; Nov. 30.
 Keying system, Electric organ. A. R. Rienstra. 2,319,087; May 11.
 Keys to can ends, Attaching. B. Shmurak. 2,326,806; Aug. 17.
 Kiln. H. Kronstad. 2,319,548; May 18.
 Kiln. L. L. Ladd. 2,307,322; Jan. 5.
 Kiln. J. H. Minter. 2,314,507; Mar. 23.
 Kiln roller supports, Adjustment means for. L. S. Petersen. 2,336,417; Dec. 7.
 Kiln, Rotary. G. E. Seil. 2,314,836; Mar. 23.
 Kiln, structure. J. P. Robson. E. H. Watkins, and E. G. Zimmerman. 2,325,572; July 27.
 Kiln, Tunnel. F. W. Brooke and P. d'H. Dressler. 2,320,172; May 25.
 Kinetic projector. C. L. Luebke. 2,316,798; Apr. 20.
 Kinetic reset regulator. P. F. K. Erguth. 2,332,627; Oct. 26.
 Kipling arrangement. J. E. Smith. 2,321,429; June 8.
 Kit. N. N. Glickman. 2,321,807; June 15.
 Kit, Camp. S. Skerfving and A. Lindstrom. 2,329,422; Sept. 14.
 Kit, First-aid. C. F. Campiglia. 2,324,194; July 13.
 Kit for mechanical dentistry, Demonstration. E. Kellerman and M. O. Dukas. 2,333,795; Nov. 9.
 Kit, Utility. J. A. Wagner. 2,333,899; Nov. 9.
 Kit, Vauquelin. L. H. Campos. 2,331,764; Oct. 12.
 Kit, Worker's thread. M. F. Corder. 2,328,955; Sept. 7.
 Kitchen and serving wagon, Combined. F. Kramer. 2,309,513; Jan. 26.
 Kite type sewer washer. W. D. Osborn and H. R. Crane. 2,328,093; Aug. 31.
 Knapsack construction. T. N. Tyndall. 2,314,293; Mar. 16.
 Knading and rounding machine. S. Schiff. 2,331,510; Oct. 12.
 Knee brace, Corrective and protective. A. C. Peckham. 2,308,776; Jan. 19.
 Knee protector, elbow guard, and the like. P. O. Hubner and M. Docherty. 2,325,321; July 27.
 Knife. E. E. Foster. 2,333,247; Nov. 2.
 Knife. E. Hyatt. 2,316,246; Apr. 13.
 Knife. J. D. Kevorkian and J. R. Wolfson. 2,319,607; May 18.
 Knife. J. E. Krilow. 2,315,898; Apr. 6.
 Knife. M. A. Miranda. 2,332,656; Oct. 26.
 Knife. A. Paolantonio. 2,310,645; Feb. 9.
 Knife. H. L. Salisbury. 2,321,706; June 15.
 Knife, Adjustable slicing. L. H. Rezos. 2,326,563; Aug. 10.
 Knife and making same. F. P. Hawkins. 2,335,249; Nov. 30.
 Knife blade grinding machine. H. T. Nicholas. 2,318,883; May 11.
 Knife, Cane and fruit. N. K. Morris. 2,338,007; Dec. 28.
 Knife, Coring. M. A. Berns. 2,325,031; July 27.
 Knife, Fork and spoon, Combination. T. D. Torode. 2,318,129; May 4.
 Knife, Fruit. S. C. Kennett. 2,335,013; Nov. 23.
 Knife, Furrier's. H. Stock. 2,313,598; Mar. 9.
 Knife mounting. P. N. Ottersdand. 2,337,407; Dec. 21.
 Knife, Paring. J. Nelson and A. R. Stewart. 2,312,771; Mar. 2.
 Knife, Putty removing. H. Hirschhorn. 2,322,359; Dec. 21.
 Knife, Table. W. V. Seely. 2,309,219; Jan. 26.
 Knife, Topping. J. F. Aden. 2,332,683; Oct. 26.
 Knife unit. S. Clausen. 2,317,731; Apr. 27.
 Knife, Utility pocket. C. A. De Fracies. 2,311,107; Feb. 16.
 Knife with built-in sharpener. E. L. Frank. 2,327,158; Dec. 21.
 Knit goods and yarn therefor, Flat. I. P. Davis and E. S. Kennedy. 2,314,924; Mar. 30.
 Knitted article. O. H. Basch. 2,330,199; Sept. 28.
 Knitted fabric. O. Fregeolle. 2,313,332; Mar. 9.
 Knitted fabric. R. H. Lawson. 2,313,446; Mar. 9.
 Knitted fabric. J. E. Patton. 2,330,445; Sept. 28.
 Knitted fabric. E. St. Pierre. 2,337,211; Dec. 21.
 Knitted fabric. E. St. Pierre and N. H. Smith. 2,308,121; Jan. 12.
 Knitted fabric. W. L. Smith, Jr. 2,323,855; July 6.
 Knitted fabric and manufactured knitted articles. H. E. Brew. 2,308,693; Jan. 19.
 Knitted fabric and method. O. Fregeolle. 2,311,166; Feb. 16.
 Knitted fabric and method. O. Fregeolle. 2,323,988; July 13.
 Knitted fabric and method. W. L. Smith, Jr. 2,324,036; July 13.
 Knitted fabric hosiery, Process and apparatus for. P. L. Thurston and D. Nagley. 2,316,822; Apr. 20.
 Knitted fabrics, Preventing curling of the edges of. A. Eddy. 2,319,307; May 18.
 Knitting. J. L. Beers. 2,319,768; May 18.
 Knitting. H. C. Green. 2,314,618; Mar. 23.
 Knitting. R. H. Lawson. 2,333,870; Nov. 9.
 Knitting. E. St. Pierre. 2,333,882; Nov. 9.
 Knitting. E. St. Pierre and D. H. Fregeolle. 2,315,165; Mar. 30.
 Knitting. W. L. Smith, Jr. 2,315,138; Mar. 30.
 Knitting accessory. I. V. Thulin. 2,313,684; Mar. 9.
 Knitting machine, Ladderproof. W. Hirt and A. Dürsteler. 2,312,903; Mar. 9.
 Knitting machine. A. H. Adams, Jr. 2,308,580; Jan. 19.
 Knitting machine. R. C. Amidon. 2,336,455; Dec. 14.
 Knitting machine. W. H. Boaler and A. F. Guylei. 2,333,697; Nov. 9.
 Knitting machine. R. H. Coleman and O. D. Hunt. 2,330,269; Sept. 28.
 Knitting machine. W. A. Ingalls. 2,329,617-8; Sept. 14.

- Knitting machine. W. J. Kuehnle. 2,320,285; May 25.
- Knitting machine. L. H. Mendelsohn. 2,320,634; June 1.
- Knitting machine. L. A. Miller and C. C. Foil. 2,311,119; Feb. 16.
- Knitting machine. W. Needham. 2,335,075; Nov. 23.
- Knitting machine. W. E. Ralston. 2,334,353; Nov. 16.
- Knitting machine. M. Weinberg. 2,320,989; June 8.
- Knitting machine. F. G. Weisbecker. 2,308,730; Jan. 19.
- Knitting machine. F. G. Weisbecker. 2,317,318; Apr. 20.
- Knitting machine. G. Wilders and J. E. Lynam. 2,333,063; Oct. 26.
- Knitting machine and method. R. C. Amidon. 2,313,725; Mar. 16.
- Knitting machine and method. O. Fregeolle. 2,310,070; Feb. 2.
- Knitting machine and method of knitting. H. M. Suess. 2,317,417; Apr. 27.
- Knitting machine. Automatic wrap steeper. R. C. Southworth and N. H. Smith. 2,307,969; Jan. 12.
- Knitting machine, Circular. P. L. Thurston. 2,316,823; Apr. 20.
- Knitting machine, Flat. S. W. Lippitt. 2,312,565; Mar. 2.
- Knitting machine. For. A. N. Cloutier. 2,337,153; Dec. 21.
- Knitting machine, Straight bar. T. C. Bromley and A. Shortland. 2,329,822; Sept. 21.
- Knitting machine, Straight bar. H. W. and E. Start. 2,314,742; Mar. 23.
- Knitting machines. Yarn feeding and controlling. O. Fregeolle. 2,337,187; Dec. 21.
- Knitting mechanism. J. S. Moss. 2,333,667; Nov. 9.
- Knitting, method and machine for. E. St. Pierre. 2,315,166; Mar. 30.
- Knob device. F. C. Wallace. 2,316,918; Apr. 20.
- Knob, Turn. W. P. Herman. 2,327,891; Aug. 24.
- Knockdown cabinet or the like. R. Triana. 2,323,103; June 29.
- Knockdown flat offset gauge. E. Ernst. 2,326,448; Aug. 10.
- Knock down table. G. V. Ingram. 2,332,082; Oct. 19.
- Knock-off mechanism for drawing frames. F. B. Kelliher. 2,312,558; Mar. 2.
- Knuckle joint press. A. Seidel and A. H. Scholz. 2,320,103; May 25.
- Label affixer. J. Kantor and E. Rosenberg. 2,330,430; Sept. 28.
- Label attaching machine. H. F. Caldwell. 2,326,436; Aug. 10.
- Label attaching machine. H. B. Tuthill. 2,329,669; Sept. 14.
- Label dispenser. R. S. Avery. 2,317,576; Apr. 27.
- Label dispenser. C. A. Flood. 2,331,019; Oct. 5.
- Label feeding and applying mechanism. C. J. Malhiot. 2,330,830; Oct. 5.
- Label handling apparatus. S. E. Van Tuyl. 2,334,458; Nov. 16.
- Label holder. P. Bescherer. 2,315,925; Apr. 6.
- Label holder for filing systems. W. L. Sparks. 2,307,970; Jan. 12.
- Label tacking machine. M. S. Malek. 2,313,832; Mar. 16.
- Label wiping mechanism. C. H. Oslund. 2,315,349; Mar. 30.
- Labeling machine. C. W. Blackstone. 2,336,839; Dec. 14.
- Labeling machine. G. W. von Hofe. 2,332,691; July 6.
- Labeling machine. G. W. von Hofe. 2,328,516; Aug. 31.
- Labeling machine, Bottle. P. J. Besemer. 2,319,963; May 25.
- Labels from bottles. Method of and apparatus for removing. J. L. Horold. 2,311,391; Feb. 16.
- Labels, Making. G. Murphy. 2,319,783; May 25.
- Labor saving report pad. W. Shaver. 2,326,573; Aug. 10.
- Laboratory equipment. T. L. King and R. H. Butler. 2,334,776; Nov. 23.
- Laboratory heater. J. A. Schudlinder. 2,333,683; Nov. 9.
- Lace curtain machine. W. S. Tandler, W. Teller, and D. S. Walker. 2,314,526; Mar. 23.
- Lacing equipment. F. W. Preston. 2,316,102; Apr. 6.
- Lacing machine, Shoe upper. J. Fossa. 2,327,345; Aug. 24.
- Lacquer. F. J. Bellac. 2,326,992; Aug. 17.
- Lacquer. Tipping. C. J. Malm and G. J. Clarke. 2,324,098; July 13.
- Lacquer film having a flat finish. Applying. C. Bogin and H. L. Wampper. 2,312,309; Mar. 2.
- Lacquer or varnish resist. Producing. C. E. Meulendyke. 2,318,322; May 4.
- Lactams from oximes of cyclic ketones. Manufacture of. F. Schlick. 2,313,026; Mar. 2.
- Ladder. D. de Luca. 2,316,939; Apr. 20.
- Ladder. G. L. Forsman. 2,313,469; Mar. 9.
- Ladder. M. C. Holmes. 2,318,943; May 11.
- Ladder. H. M. Holt. 2,330,826; Oct. 5.
- Ladder. J. W. Pease. 2,325,537; July 27.
- Ladder and elevator, Extension. M. Honig. 2,308,175; Jan. 12.
- Ladder and like webbing and method and mechanism for producing the same. T. Brindle. 2,317,518; Apr. 27.
- Ladder attachment. C. R. Morris. 2,324,414; July 13.
- Ladder, Chain. H. P. Hopp and E. Kunzelman. 2,317,193; Apr. 20.
- Ladder. Combination step. T. Cederquist. 2,312,148; Feb. 23.
- Ladder construction. S. E. Driscoll. 2,333,849; Nov. 9.
- Ladder construction, Chain. L. L. Westling. 2,333,498; Nov. 2.
- Ladder, Extensible. J. P. Reinhardt. 2,310,119; Feb. 2.
- Ladder, Fire escape elevator. I. Graham. 2,312,833; Mar. 2.
- Ladder. Folding fire escape. C. J. Hillenbrand. 2,317,459; Apr. 27.
- Ladder foot. C. Van Meter. 2,309,484; Jan. 26.
- Ladder leg, Auxiliary. E. Johnson. 2,320,144; May 25.
- Ladder leg, Extensible. B. Klum. 2,310,441; Feb. 9.
- Ladder, Rungless. E. L. Seiler. 2,311,352; Feb. 16.
- Ladder, Scaling. P. Hebert. 2,337,816; Dec. 28.
- Ladder support. J. Reed. 2,307,543; Jan. 5.
- Ladle. H. G. Freeman. 2,328,287; Aug. 31.
- Ladle, Hot metal. E. H. Whittaker. 2,336,518; Dec. 14.
- Ladle, Mixer type. H. L. McFeaters. 2,335,781; Nov. 30.
- Ladle transporting and hoisting device. W. A. Pearl. 2,336,748; Dec. 14.
- Lady's knitting and shopping bag. G. J. Glick. 2,322,688; June 22.
- Lag plate. H. E. Trekell. 2,321,437; June 8.
- Laminated article. J. B. Dickinson and L. E. Burns. 2,322,962; June 29.
- Laminated body. E. Komenda. 2,330,595; Sept. 28.
- Laminated expansion joint. A. C. Fischer. 2,334,184; Nov. 16.
- Laminated fabric and manufacture of same, Stretchable. J. A. Grabec. 2,332,848; Oct. 26.
- Laminating glass and making the same. J. C. Crowley. 2,319,534; May 13.
- Laminated gripping dog. C. M. MacChesney. 2,322,651; June 22.
- Laminated mica. F. G. Pellett. 2,319,780; May 25.
- Laminated product. M. T. Harvey. 2,314,701; Mar. 23.
- Laminated products, Forming. O. C. H. Sturken. 2,316,467; Apr. 13.
- Laminated safety glass, Producing. J. D. Ryan. 2,337,275; Dec. 21.
- Laminated sheet and producing same. F. A. Rojas. 2,318,184; May 4.
- Laminated sole construction. J. Muller. 2,314,237; Mar. 16.
- Laminated structure. C. O. Adams. 2,331,531; Oct. 12.
- Laminated structure and making the same. M. W. Reynolds. 2,308,305; Jan. 12.
- Laminated structures, Production of. C. J. Malm. 2,336,273; Dec. 7.
- Laminating machine. I. Spinner, C. B. Nelson, and G. Schieman. 2,334,963; Nov. 23.
- Lamp. See—
- Arc lamp.
 - Blackout lamp.
 - Carbon arc lamp.
 - Direct and indirect lamp.
 - Discharge lamp.
 - Electric discharge lamp.
 - Electric incandescent lamp.
 - Electric lamp.
 - Electric pocket lamp.
 - Electrical gaseous discharge lamp.
 - Flash lamp.
 - Flashlight lamp.
 - Flask lamp.
 - Floor lamp.
 - Fluorescent bed lamp.
 - Fluorescent lamp.
 - Gaseous discharge lamp.
 - Hand lamp.
 - Head lamp.
 - Incandescent lamp.
 - Incandescent electric lamp.
 - Liquid-cooled lamp.
 - Long life high pressure lamp.
 - Luminescent lamp.
 - Metal vapor discharge lamp.
 - Mine lamp.
 - Miniature incandescent lamp.
 - Multiple filament electric lamp.
 - Multiple lamp.
 - Piano lamp.
 - Portable electric floor lamp.
 - Portable lamp.
 - Reading lamp.
 - Reflector lamp.
 - Relay for electric discharge lamp.
 - Retractable head lamp.
 - Safety lamp.
 - Safety light and illuminating lamp.
 - Sanctuary oil lamp.
 - Signboard lamp.
 - Spot lamp.
 - Stand desk lamp.
 - Substage lamp.
 - Therapeutic lamp.
 - Tool and die maker's lamp.
 - Ultra violet lamp.
 - Vehicle lamp.
- Lamp. W. W. Garstang. 2,337,744; Dec. 28.
- Lamp. G. Mahlick. 2,316,348; Apr. 13.
- Lamp. N. O. Paquette. 2,321,510; June 8.
- Lamp and basing cement, Incandescent electric. E. R. Schmid. 2,332,116; Oct. 19.
- Lamp and control circuit therefor. W. W. Garstang. 2,337,746; Dec. 28.
- Lamp and gas tank filling vent, Combined tail. R. T. Keller. 2,314,710; Mar. 23.
- Lamp and manufacture, Discharge. P. W. Blackburn. 2,308,350; Jan. 12.
- Lamp and receptacle therefor. W. W. Garstang. 2,337,745; Dec. 28.
- Lamp and stem therefor, Discharge. S. Wiener. 2,318,653; May 11.
- Lamp and wick holder therefor, Candle. H. Alexiade. 2,324,755; July 20.

- Lamp attachment. R. J. Brandt. 2,310,509; Feb. 9.
 Lamp circuit. F. Furedy. 2,330,433; Sept. 28.
 Lamp coating apparatus. C. P. Keim and B. J. Vasalle. 2,324,456; July 13.
 Lamp control switch. N. Chirelstein. 2,329,104; Sept. 7.
 Lamp exhaust method. E. F. Lowry and J. L. Cox. 2,331,718; Nov. 23.
 Lamp exhaust method. W. H. Van Dyke. 2,313,788; Mar. 16.
 Lamp fitting. Explosionproof. W. Nerlich. 2,310,456; Feb. 9.
 Lamp fitting for use in flashlight photography. A. Barrett. 2,326,004; Aug. 3.
 Lamp fixture. I. A. Yost and C. F. Haas. 2,313,983; Mar. 16.
 Lamp fixture. Tubular. A. Schelzunov. 2,311,877; Feb. 23.
 Lamp fixtures. Fluorescent. H. Dreyfuss. 2,322,426; June 22.
 Lamp for sound recording. Vapor. A. G. Foote. 2,326,346; Aug. 10.
 Lamp guard and reflector unit. R. Popp. 2,318,329; May 4.
 Lamp holder. W. R. Young. 2,321,446; June 8.
 Lamp holder and the like. Electric. S. D. Sullivan. 2,317,863; Apr. 27.
 Lamp housing. C. Richardson. 2,307,302; Jan. 5.
 Lamp housing. Ventilated. A. Labastre. 2,322,945; June 29.
 Lamp installation. Vapor electric. A. Warsher. 2,333,991; Nov. 9.
 Lamp mounting. G. W. Humphrey. 2,335,676; Nov. 30.
 Lamp mounting and assembly. W. Trautner. 2,312,454; Mar. 2.
 Lamp mounting device. J. B. Bartow. 2,332,362; Oct. 19.
 Lamp or illuminated ornament. S. Iwanowicz. 2,316,589; Apr. 13.
 Lamp sealing apparatus. R. M. Gardner and R. L. Alden. 2,336,678; Dec. 14.
 Lamp sealing apparatus. R. B. Thomas and R. M. Gardner. 2,335,617; Nov. 30.
 Lamp shade. H. Finkel. 2,321,288; June 8.
 Lamp shade. Metal. O. H. Williams. 2,308,462; Jan. 12.
 Lamp shades. Manufacture of. H. Dent. 2,316,568; Apr. 13.
 Lamp starter and maintenance device. W. C. Hall, Jr., and E. L. Le Gatte. 2,317,602; Apr. 27.
 Lamp structure. Combination. J. W. Reichart. 2,308,567; Jan. 19.
 Lamp stems. Making. C. Wiener. 2,318,652; May 11.
 Lamp support. P. F. Koch. 2,308,421; Jan. 12.
 Lamp with connecting device. Electric. J. Buser. 2,329,455; Sept. 14.
 Lamps. Cut out for electric. I. H. Van Horn. 2,336,903; Dec. 14.
 Lamps. Making reflecting electric. C. Birdseye and P. Doren. 2,327,978; Aug. 24.
 Lamps. Operating mechanism for discharge. F. D. Bryant. 2,334,538; Nov. 16.
 Lamps or the like. Locking device for tubular. H. S. Babby. 2,336,587-8; Dec. 14.
 Lamps. Starting and operating fluorescent and mercury arc. B. Raney, Jr. 2,330,312; Sept. 28.
 Lamp leveling apparatus. C. P. Demond. 2,333,988; Nov. 9.
 Land mine. H. L. Hunt. 2,328,276; Aug. 31.
 Land mine and fuse. B. P. Joyce, H. M. Braxton, D. J. Walsh, and D. Dardick. 2,324,846; July 20.
 Landing gear for aircraft. S. M. Parker. 2,333,550; Nov. 2.
 Landing gear for aircraft. P. W. Thornhill. 2,308,573; Jan. 19.
 Landing gear of aircraft. G. H. Dowty. 2,326,019; Aug. 3.
 Landing indicator. C. Adler, Jr. 2,316,751; Apr. 20.
 Lantern black-out dimmer. R. C. Miller. 2,330,987; Oct. 5.
 Lap. M. A. Lambrix. 2,335,125; Nov. 23.
 Lap storage rack. J. R. Kerry. 2,318,081; May 4.
 Lapping apparatus. D. A. Wallace. 2,312,014; Feb. 23.
 Lapping device. Screw thread. A. M. Drake. 2,335,745; Nov. 30.
 Lapping machine. H. S. Indge. 2,308,976; Jan. 19.
 Lapping machine. H. S. Indge. 2,315,859; Apr. 6.
 Lapping machine. G. F. Johnson. 2,316,071; Apr. 6.
 Lapping machine. G. F. Johnson. 2,328,809; Sept. 7.
 Lapping machine. W. S. Praeg. 2,307,637; Jan. 5.
 Lapping process. D. A. Wallace. 2,314,533; Mar. 23.
 Lapping tool. F. F. Hillis. 2,329,720; Sept. 21.
 Lapping tool. D. A. Wallace. 2,309,485; Jan. 26.
 Lapel. H. W. Lucas and D. Zimmerman. 2,332,734; Oct. 28.
 Lapel. D. Zimmerman. 2,318,829; May 11.
 Large bodies. Molding. W. R. Tucker. 2,332,678; Oct. 26.
 Last. Foot harmony. R. F. Lafferty. 2,320,732; June 1.
 Last models. Correcting. O. S. Porter and L. A. Carrell. 2,336,034; Dec. 7.
 Lasting machine. J. W. Barna. 2,327,758; Aug. 24.
 Lasting machine. H. Boothroyd. 2,307,103; Jan. 5.
 Lasting machine. T. P. Courchene. 2,326,123; Aug. 10.
 Lasting machine. R. E. Duplessis. 2,325,047; July 27.
 Lasting machine. F. C. Eastman. 2,317,366; Apr. 27.
 Lasting machine. H. Lane and W. A. Barton. 2,318,083; May 4.
 Lasting machine. Heel-end. J. C. Jorgensen. 2,328,075; Aug. 31.
 Lasting machine wiper structure. J. W. Barna. 2,324,128; July 13.
 Lasting toes, boots and shoes. Machine for. E. I. La Chapelle. 2,335,772; Nov. 30.
 Lasts. Making. F. V. Hart. 2,316,863; Apr. 20.
 Lasts. Making. L. E. Topham. 2,336,049; Dec. 7.
 Latch: See—
 Cabinet latch. Luggage latch.
 Camera back latch. Refrigerator latch.
 Compartment door latch. Scraper latch.
 Door latch. Tubular latch.
 Folding table latch. Tubular night latch.
 Hood latch. Vehicle door latch.
 Latch. R. H. Bliss. 2,308,150; Jan. 12.
 Latch. A. Boynton. 2,329,182; Sept. 14.
 Latch. W. O. Burke. 2,316,401; Apr. 13.
 Latch. F. M. Hogg. 2,309,507; Jan. 26.
 Latch. R. Marple. 2,324,409; July 13.
 Latch. J. J. McCulloch. 2,334,426; Nov. 16.
 Latch actuating apparatus. Coke-oven door. P. H. Lavelly. 2,335,867; Dec. 7.
 Latch and keeper. Rotary. W. A. Endter. 2,335,001; Nov. 23.
 Latch and lock. Garage door. H. G. Honig. 2,329,348; Sept. 14.
 Latch bolt and striker device. J. W. Greig. 2,334,623; Nov. 16.
 Latch construction. J. G. Joachim. 2,328,216; Aug. 31.
 Latch controlled compressor. C. W. Straubel. 2,335,976; Dec. 7.
 Latch for awnings. H. C. Wheeler. 2,327,232; Aug. 17.
 Latch for railroad hatch covers. H. G. Pollnitz. 2,336,586; Dec. 14.
 Latch handle. R. W. Kerr. 2,336,102; Dec. 7.
 Latch keeper. R. L. Sayles. 2,307,545; Jan. 5.
 Latch mechanism. W. C. Devereaux. 2,319,851; May 25.
 Latch mechanism. T. N. King. 2,329,120; Sept. 7.
 Latch mechanism. A. C. Stockton. 2,337,531; Dec. 21.
 Latch mechanism. Automobile door. H. E. Van Voorhees. 2,329,232; Sept. 14.
 Latch mechanism. Fender shield. A. P. Ferguson and W. B. Schueren. 2,312,537; Mar. 2.
 Latch mechanism for hooks. R. K. Hertel. 2,323,326; July 6.
 Latch mechanism for machine guns. Back plate. S. G. Green. 2,335,854; Dec. 7.
 Latch opening and window actuating mechanism. L. J. Goulin. 2,326,456; Aug. 10.
 Latch retracting mechanism. G. E. Curtiss, Jr. 2,314,609; Mar. 23.
 Latching and door latching means and arrangement thereof in a cabinet structure. F. G. Steiner. 2,332,761; Oct. 26.
 Latching device. C. A. Fox. 2,331,115; Oct. 5.
 Latching device. E. W. North. 2,309,863; Feb. 2.
 Latching device. J. B. O'Connor. 2,312,991; Mar. 2.
 Latching device. R. L. Sargisson and O. W. Henriksen. 2,336,129; Dec. 7.
 Latching mechanism. G. E. Lofgren and C. E. Stevens. 2,324,406; July 13.
 Latching pan for tanks. D. B. Tolley. 2,329,865; Sept. 21.
 Laterally entering subterranean strata and withdrawing the pore content thereof. L. A. Douglas. 2,312,805; Mar. 2.
 Latex adhesive. L. Spraragen. 2,318,128; May 4.
 Latex and product thereof. Heat-sterilizing. W. D. Stewart. 2,327,939; Aug. 24.
 Latex and products thereof. Preserving. W. D. Stewart. 2,327,940; Aug. 24.
 Latex. Apparatus for dialyzing. H. R. Braak. 2,330,672; Sept. 28.
 Latex articles. Deposited. R. O. Alexander. 2,318,657; May 11.
 Latex coagulation. H. A. Lubs. 2,321,552; June 8.
 Latex composition. R. R. Sterrett. 2,311,136; Feb. 16.
 Latex depositing apparatus. G. P. Bosomworth. 2,324,977; July 20.
 Latex. Frothing. T. A. Te Grotenhuis. 2,307,082; Jan. 5.
 Latex impregnation. E. K. Fischer. 2,325,385; July 27.
 Latex. Treating. C. E. Linscott and J. McGavack. 2,327,115; Aug. 17.
 Lath breaker. C. E. Parker. 2,311,995; Feb. 23.
 Lath to channel furring. Securing. A. C. Olsen. 2,322,657; June 22.
 Lathing machine. J. F. Buller. 2,310,512; Feb. 9.
 Lathing system. A. L. Braxdale. 2,316,552; Apr. 13.
 Lath. P. Boillat. 2,313,613; Mar. 9.
 Lath. W. K. Millholland. 2,337,761; Dec. 28.
 Lath. G. W. Scott. 2,314,055; Mar. 16.
 Lath. O. von Zelewsky and K. Kunzi. 2,331,443; Oct. 12.

- Lathe attachment, Hydraulic duplicating. M. Turchan and C. Walker. 2,313,849; Mar. 16.
- Lathe bed. C. E. Hegg. 2,333,250; Nov. 2.
- Lathe carriage feed mechanism. L. A. Carter. 2,316,403; Apr. 13.
- Lathe center for wood patterns. S. Sandelin, Jr. 2,337,727; Dec. 28.
- Lathe chuck. E. E. Hollander. 2,335,149; Nov. 23.
- Lathe, Crankshaft. W. D. Huht. 2,312,248; Feb. 23.
- Lathe dog. R. B. Seawright. 2,329,488; Sept. 14.
- Lathe indexing mechanism. Multiple spindle broaching. W. F. Groene and H. J. Siekmann. 2,330,968; Oct. 5.
- Lathe, Screw-cutting. G. F. Stinson. 2,321,530; June 8.
- Lathe spindle speed control. W. G. Hoelscher. 2,332,381; Oct. 19.
- Lathe tailstock. F. A. Fritsch. 2,331,385; Oct. 12.
- Lathe tool. C. P. Dougherty. 2,333,156; Nov. 2.
- Lathe tooling mechanism. J. E. London and E. H. Sinclair, Jr. 2,337,530; Dec. 21.
- Lathe machine. L. J. Wahl. 2,310,378; Feb. 9.
- Lathe machine, Automatic. P. Lo Cascio, I. Kaufman, and P. Coviello. 2,319,244; May 18.
- Lathe making apparatus. L. J. Wahl. 2,310,379; Feb. 9.
- Lathe producing machine. A. B. Campbell. 2,323,377; July 6.
- Lattice structure. E. W. Neale. 2,324,229; July 13.
- Lattices, Synthetic rubberlike. I. Dennstedt. 2,323,313; July 6.
- Launching apparatus for rocket craft. R. H. Goddard. 2,307,125; Jan. 5.
- Launching device, Glider. J. N. Petty. 2,325,630; Aug. 3.
- Laundry apparatus. S. R. Baird. 2,322,559; June 22.
- Laundry apparatus. F. Breckenridge. 2,328,256; Aug. 31.
- Laundry apparatus. H. Brotman. 2,320,713; June 1.
- Laundry apparatus. N. Crane. 2,335,560; Nov. 30.
- Laundry assembly unit, Revolving. M. Quain. 2,324,596; July 20.
- Laundry bag. W. E. Stephenson. 2,315,909; Apr. 6.
- Laundry drier. W. H. Collins. 2,325,478; July 27.
- Laundry drier. J. D. Shuman. 2,315,359; Mar. 30.
- Laundry folding machine. F. W. Clegg. 2,307,822; Jan. 12.
- Laundry machine. L. D. McCleary. 2,314,155; Mar. 16.
- Laundry machine. W. E. Myers. 2,318,252; May 4.
- Laundry machinery. M. Troy. 2,320,488; June 1.
- Laundry table. P. E. Whitcomb and O. T. McIlvaine. 2,320,961; June 1.
- Lavatory fixture. F. D. Rich. 2,324,725; July 20.
- Lavatory lock. G. R. Adams. 2,315,102; Mar. 30.
- Lawn edger. J. Maga. 2,312,569; Mar. 2.
- Lawn mower. H. F. Godwin. 2,335,034; Nov. 23.
- Lawn mower. R. W. Speiser. 2,329,952; Sept. 21.
- Lawn mower and weed topper, Motor driven. C. R. Underhill. 2,312,984; Mar. 2.
- Lawnmower, High grass. J. A. Ronning. 2,335,541; Nov. 30.
- Lawn mower, Tractor mounted and controlled gang. W. F. Krenzke. 2,325,252; July 27.
- Lawn rake. L. H. Semler and C. Rudolph. 2,310,322; Feb. 9.
- Lawn sprinkler. J. H. Wilson. 2,314,675; Mar. 23.
- Lawn sprinkler and flushing opening seal. H. A. Scherrer. 2,325,280; July 27.
- Lawn sprinkler, Rotary. J. E. Higgins. 2,314,702; Mar. 23.
- Lawn trimmer. H. W. Kelsey. 2,309,906; Feb. 2.
- Lawns and fields, Means to protect. W. Johnson. 2,314,045; Mar. 16.
- Lay-on apparatus and method. E. Ericksson. 2,320,352; June 1.
- Layout and checking device. G. L. Becker. 2,324,476; July 20.
- Layer cell, Blocking. C. de Lange and C. L. Boucher. 2,327,511; Aug. 19.
- Layer device, Producing blocking. C. W. Hewlett. 2,334,554; Nov. 16.
- Lead and boron free glazes, Production of. W. Diether. 2,335,395; Nov. 30.
- Lead articles, Making. F. Remington and R. A. Tartaglia. 2,328,098; Aug. 31.
- Lead checking fixture. P. O. E. Palmquist. 2,336,747; Dec. 14.
- Lead connector. C. Wantz. 2,318,822; May 11.
- Lead entrance. D. E. Renshaw, P. A. Pontius, and J. P. Stakel. 2,333,580; Nov. 2.
- Lead extension. J. H. Thornbery. 2,328,111; Aug. 31.
- Lead pointing device. C. W. Hutchinson. 2,309,194; Jan. 26.
- Lead salts from insoluble lead compounds, Recovery of soluble. J. J. Mulligan. 2,328,089; Aug. 31.
- Lead sulphate from titanium salt solutions, Removing. C. R. Wicker. 2,326,592; Aug. 10.
- Lead tester for screw threads. S. G. Johnson. 2,308,011; Jan. 12.
- Leader for fishing lines. W. F. Mincenberg. 2,331,215; Oct. 5.
- Leafed device. G. S. Lewis. 2,329,547; Sept. 14.
- Leak sealing composition. J. L. Evans and W. Hall. 2,315,321; Mar. 30.
- Leakage of fluid through electric cables, Preventing. R. Gold. 2,310,423; Feb. 9.
- Leash. L. B. Lichultz. 2,314,504; Mar. 23.
- Leash, Dog. J. R. Cassell. 2,337,970; Dec. 28.
- Leash stick. A. Van den Bogaerde, Jr. 2,322,897; June 29.
- Leather, Artificial. P. L. Salzberg. 2,321,047; June 8.
- Leather cloth and similar coated fabrics, Manufacture of. J. H. McGill. 2,319,074; May 11.
- Leather manufacture. W. O. Dawson. 2,316,740-1; Apr. 13.
- Leather manufacture, Artificial. M. O. Schur and E. M. Archer. 2,335,702; Nov. 30.
- Leather, Manufacture of substitute. R. C. McQuiston. 2,327,540; Aug. 24.
- Leather, manufacturing machine. E. E. Winkley. 2,325,724; Aug. 3.
- Leather, Ornamental sheet. Michael A. Miller. 2,316,351; Apr. 13.
- Leather rolling machine. E. Smith. 2,334,588; Nov. 16.
- Leather staking machine. W. B. Quinn. 2,308,824; Jan. 19.
- Leather treating agent. M. J. Reider. 2,316,714; Apr. 13.
- Leavening preparation. A. E. Huff. 2,314,090; Mar. 16.
- Ledger and statement sheet, Combination. J. V. Hall. 2,314,495; Mar. 23.
- Ledger sheet selector, Automatic. J. W. Miller. 2,321,228; June 8.
- Leg, Artificial. G. A. Hinkle. 2,327,042; Aug. 17.
- Lehr. D. G. Merrill. 2,330,984; Oct. 5.
- Lehr conveyor. G. W. Batchell. 2,315,148; Mar. 30.
- Lehr for glassware. D. G. Merrill. 2,335,128; Nov. 23.
- Leno fabric. B. S. Woodward. 2,312,226; Feb. 23.
- Lens. G. H. Aklin. 2,336,207; Dec. 7.
- Lens. J. B. Dickson. 2,328,329; Aug. 31.
- Lens. L. J. Herzberger and H. O. Hoadley. 2,308,007; Jan. 12.
- Lens. W. Schade. 2,336,300; Dec. 7.
- Lens and diaphragm assembly, Enlarger. C. Lee. 2,322,034; June 15.
- Lens and prism system. L. F. Bischoff. 2,321,894; June 15.
- Lens and reading glass, Illuminated magnifying. U. Ullman. 2,316,301; Apr. 13.
- Lens attachment. H. F. Bennett. 2,324,057; July 13.
- Lens board lock for cameras. W. W. Heckethorn. 2,319,681; May 18.
- Lens drilling mechanism. M. B. Kendis. 2,321,822; June 15.
- Lens edging device. L. W. Goddu. 2,329,713; Sept. 21.
- Lens for electron microscopes, Projection. J. Hillier. 2,323,328; July 6.
- Lens grinding and polishing machine. R. C. David. 2,309,936; Feb. 2.
- Lens grinding and polishing machine. E. M. Long. 2,319,417; May 18.
- Lens grinding machine. A. H. Roehr. 2,321,247; June 8.
- Lens grinding or polishing machine. D. Taylor. 2,323,164; June 29.
- Lens, Long focal length. W. Schade, K. Tolle, and W. Van Graafeiland. 2,336,301; Dec. 7.
- Lens mount. J. G. Zuber. 2,307,345; Jan. 5.
- Lens-mount, Distortion. E. C. Rogers. 2,335,700; Nov. 30.
- Lens mounting. W. R. and R. H. Uhlemann. 2,310,133; Feb. 2.
- Lens, Multifocal. H. C. Rones. 2,328,584; Sept. 7.
- Lens, One-piece plurifocal. W. R. Uhlemann. 2,336,322; Dec. 7.
- Lens surfacing device. W. P. Canning. 2,325,740; Aug. 3.
- Lenses and similar articles, Making. L. W. Goddu and I. C. Crawford. 2,307,501; Jan. 5.
- Lenses for electron-optical apparatus, Magnetic. E. Rusk. 2,330,628; Sept. 28.
- Lenses, Forming unbreakable. C. V. Smith. 2,332,674; Oct. 26.
- Lenses in ophthalmic mountings, Securing. J. J. Rohrbach. 2,332,261; Oct. 19.
- Lenses, Making. R. F. Bardwell and J. H. Smith. 2,310,925; Feb. 16.
- Lenses, Making. J. A. Morehead. 2,332,246; Oct. 19.
- Lenses, Making contact. J. E. Mullen. 2,330,837; Oct. 5.
- Leuco composition for insects. J. H. Ford and H. W. Eck. 2,310,949; Feb. 16.
- Letroff for looms, Whip roll controlled. O. V. Payne. 2,330,514; Sept. 28.
- Letter stop. L. F. McFarlane and W. A. Keyes. 2,321,405; June 8.
- Letter writing machine. F. W. Nichol and L. H. Fronefeld. 2,318,325; May 4.
- Lettering device. S. H. McAfee. 2,332,159; Oct. 19.
- Level. B. C. Hall. 2,314,209; Mar. 16.
- Level. W. V. Redmon. 2,336,804; Dec. 14.
- Level control for washing machines. A. J. Rohr. 2,326,067; Aug. 3.
- Level device, Constant. R. W. Johnson. 2,309,770; Feb. 2.
- Level, Engineer's. A. N. Brunson. 2,329,978; Sept. 21.
- Level, Machinist's precision. W. B. Fell. 2,316,777; Apr. 20.
- Leveler, Land. L. Oswald. 2,325,875; Aug. 3.
- Leveling device. L. E. Blanchett. 2,310,930; Feb. 16.
- Leveling device. F. G. Boucher. 2,322,615; June 22.
- Leveling device. C. J. Crane. 2,313,733; Mar. 16.

- Leveling device. Earth. H. J. Mott. 2,337,725; Dec. 28.
 Leveling device for shuffleboard tables. P. Kotler. 2,327,050; Aug. 17.
 Leveling instrument. P. L. Poland. 2,308,206; Jan. 12.
 Leveling machine. E. E. Winkley. 2,321,721; June 15.
 Leveling machine. E. E. Winkley. 2,322,334; June 22.
 Leveling means for vehicle bodies. P. O. Krogh. 2,324,587; July 20.
 Leveling mechanism. C. K. Allen and M. T. Healy. 2,331,285; Oct. 12.
 Leveling support for sewage distributors. C. Yeomans. 2,314,182; Mar. 16.
 Lever action table saw set device. G. A. Vaipan. 2,330,947-2.
 Lever, Brake. H. S. Jandya. 2,329,722; Sept. 21.
 Lever, Combination. A. R. Gross. 2,336,082; Dec. 14.
 Lever drag harrow. Flexible adjustable. V. Antal. 2,327,236; Aug. 17.
 Lever for weighing scales. Composite. O. H. Watson. 2,337,513; Dec. 21.
 Lever, Hand-brake. C. W. Caldwell. 2,311,208; Feb. 16.
 Lever opening container. J. E. Socke. 2,334,225; Nov. 16.
 Lever, Valve actuating. H. E. Pleasant and F. M. Keller. 2,313,840; Mar. 16.
 Levered suspension landing gear. W. Armstrong. 2,323,640; July 6.
 License plate holder and lamp assembly. R. Caldwell. 2,314,326; Mar. 23.
 License plate, Vehicle. J. W. Howell. 2,322,135; June 15.
 Lid, Chick box. K. I. Miller. 2,320,245; May 25.
 Lid, Cooler. W. G. Kallska. 2,323,870; July 6.
 Lid for multiple boxes and applying same. W. H. Paxton. 2,317,478; Apr. 27.
 Lid for receptacles. Antisplash. S. T. Howard. 2,337,046; Dec. 21.
 Lid, opener, and pouring spout for containers, Combination. D. N. Halstead. 2,333,781; Nov. 9.
 Lid operating device. Automatic. C. M. Johnson. 2,311,835; Feb. 23.
 Life belt inflating mechanism. L. T. Ward. 2,324,744; July 20.
 Lifeboat. W. E. Elling. 2,328,437; Aug. 31.
 Life preserver. F. L. Brown. 2,331,301-2; Oct. 12.
 Life preserver. C. M. Weinheimer. 2,328,987; Aug. 17.
 Life preserver and distress signal. F. Ware. 2,320,111; May 25.
 Life preserver, Knapsack-type. L. A. Stralts. 2,307,810; Jan. 12.
 Lifesaving cushion. H. S. Crabtree. 2,310,840; Feb. 9.
 Lifesaving fire escape apparatus. E. R. Morando. 2,311,070; Feb. 16.
 Lift-blank and holder therefor. D. F. Hyland, J. C. Stiles, and H. L. and J. Brenner. 2,323,541; July 6.
 Lift cover for domestic ranges. H. H. Ring. 2,333,199; Nov. 2.
 Lift device for implements. J. Morkoski. 2,309,203; Jan. 26.
 Lift for implement frames. A. G. Gurries. 2,314,041; Mar. 16.
 Lift mechanism. C. A. Gustafson and P. B. Benner. 2,332,712; Oct. 26.
 Lift mechanism for implements. W. R. Frank. 2,329,193; Sept. 14.
 Lift mechanism, Power. C. W. Mott. 2,337,764; Dec. 28.
 Lift, Power. T. Brown. 2,337,637-8; Dec. 28.
 Lifter: See—
 Beet lifter. Roller lifter.
 Body lifter. Valve lifter.
 Hot pan lifter. Vase and flower lifter.
 Liquid lifter. Windrow lifter.
 Meat and fowl turner and lifter.
 Lifting and/or holding device. D. L. Kellems. 2,318,164; May 4.
 Lifting apparatus. H. Nilson. 2,328,483; Aug. 31.
 Lifting device. A. G. Trigg. 2,323,500; July 6.
 Lifting jack. I. Von K. Hot. 2,316,432; Apr. 13.
 Lifting mechanism. L. R. Hansen. 2,322,395; June 22.
 Lifting mechanism, Automatic. P. C. Grunwell and A. H. Nolan. 2,335,272; Nov. 30.
 Lifting mechanism for tractor operated implements. A. Lentz. 2,312,424; Mar. 2.
 Light: See—
 Beacon light.
 Bicycle pedal signal light. Portable light.
 Bicycle tail and stop light. Safety passing and black-out light.
 Blackout light. Warning light.
 Darning light.
 Driving light.
 Light. W. P. Peterson. 2,320,446; June 1.
 Light advertising device. C. J. Stoete. 2,311,909; Feb. 23.
 Light, Closure controlled. M. A. Okoneski. 2,331,564; Oct. 12.
 Light control device. O. Stam. 2,327,144; Aug. 17.
 Light control means. P. Burgess. 2,324,133; July 13.
 Light control mechanism. A. L. Mayer and H. R. Kossman. 2,318,616; May 11.
 Light controlled apparatus. D. Parson, Jr. 2,336,633; Dec. 14.
 Light-controlling device. V. H. Fraenckel and J. P. Blewett. 2,335,659; Nov. 30.
 Light fixture. J. Colucci. 2,329,435; Sept. 14.
 Light fixture. H. Epstein. 2,332,133; Oct. 19.
 Light fixture. G. B. Finazzo. 2,330,484; Sept. 28.
 Light fixture. W. P. Heath. 2,329,268; Sept. 14.
 Light fixture and ornament mounting. Combination. F. I. Szalla. 2,321,872; June 15.
 Light for license plates. D. W. Tiffany. 2,309,805; Feb. 2.
 Light measuring device. H. Fleisher and J. M. Weinberger. 2,330,877; Oct. 5.
 Light-metal surfaces. Protecting. P. F. George. 2,335,826; Nov. 30.
 Light modulating apparatus and method. I. E. Fair. 2,308,360; Jan. 12.
 Light operated control system for electric lights. S. W. Dursicker. 2,314,695; Mar. 23.
 Light polarizer and manufacture. E. H. Land. 2,319,816; May 25.
 Light polarizer and manufacture. E. H. Land. 2,328,219; Aug. 31.
 Light polarizing images. Forming. E. H. Land. 2,315,373; Mar. 30.
 Light projecting device. E. W. Kellogg. 2,311,444; Feb. 16.
 Light projector for gun sights. M. F. Thomas. 2,329,864; Sept. 21.
 Light reflecting device. W. O. Mitscherling. 2,322,699; June 22.
 Light reflecting element. H. B. Wood. 2,337,703; Dec. 28.
 Light responsive target apparatus. D. E. Hooker, C. T. Breitenstein and N. A. Nelson. 2,310,084; Feb. 2.
 Light-sensitive diazotype layers and making same. R. J. H. Alink. 2,318,352; May 4.
 Light-sensitive element. W. C. Toland and E. Bassist. 2,311,888; Feb. 23.
 Light-sensitive element. W. C. Toland and E. Bassist. 2,312,852; Mar. 2.
 Light-sensitive element. W. C. Toland and E. Bassist. 2,312,854; Mar. 3.
 Light-sensitive material. W. Michalis. 2,318,007; May 4.
 Light signal. W. B. Wells. 2,333,967; Nov. 9.
 Light socket. Universally adjustable. N. K. Schwartz. 2,309,991; Feb. 2.
 Light source. J. R. Strinckorb. 2,307,971; Jan. 12.
 Light trap. H. F. Stiller. 2,329,228; Sept. 14.
 Light valve. W. D. Buckingham. 2,333,517; Nov. 2.
 Light valve. W. D. Buckingham and D. H. Nelson. 2,330,334; Sept. 28.
 Light well lining. H. A. Wellnitz. 2,308,131; Jan. 12.
 Lighter. I. Florman. 2,332,566; Oct. 26.
 Lighter. A. S. Weston. 2,318,037; May 4.
 Lighter and display device. Automatic. H. E. Goldstine. 2,333,001; Oct. 26.
 Lighter and fuel filling for same. A. Harris. 2,318,307; May 4.
 Lighter, Cigar. G. F. Bahr. 2,330,187; Sept. 28.
 Lighter, Cigar. J. H. Cohen. 2,326,333; Aug. 10.
 Lighter, Cigar. A. A. Johnson. 2,319,687; May 18.
 Lighter, Cigar. J. T. Kilne. 2,310,029; Feb. 2.
 Lighter, Cigar. H. G. Lehmann. 2,329,844; Sept. 21.
 Lighter, flashlight, and writing implement, Combined cigarette. B. Zeno. 2,323,960; July 13.
 Lighter for gas burners. E. H. Mueller. 2,334,345; Nov. 16.
 Lighter, Full opening. A. S. Weston. 2,331,445; Oct. 12.
 Lighter rod. H. C. Little. 2,320,825; June 1.
 Lighting apparatus. V. G. Anderson and H. W. Ram-busch. 2,316,546; Apr. 13.
 Lighting apparatus. Gaseous discharge. E. G. Lodge. 2,319,144; May 11.
 Lighting device. H. G. King. 2,326,364; Aug. 10.
 Lighting device for portable electric tools. D. D. Way. 2,310,166; Feb. 2.
 Lighting device for refrigerators. Two-way. D. F. Swanson and F. J. Vook. 2,308,726; Jan. 19.
 Lighting equipment. A. L. Arenberg. 2,337,794; Dec. 28.
 Lighting equipment. S. R. Naysmith. 2,321,099; June 8.
 Lighting equipment. V. L. Vendope. 2,315,884; Apr. 6.
 Lighting equipment. E. C. Zimmerman. 2,323,697; July 6.
 Lighting equipment, Nonglare. C. R. Buchet. 2,311,927; Feb. 23.
 Lighting fixture. D. W. Abernathy. 2,322,770; Oct. 26.
 Lighting fixture. C. J. Allen. 2,337,437; Dec. 21.
 Lighting fixture. D. J. Biller. 2,329,243; Sept. 14.
 Lighting fixture. P. I. Elias. 2,313,131; Mar. 9.
 Lighting fixture. R. E. Friend. 2,309,059; Jan. 19.
 Lighting fixture. E. F. Guth. 2,331,774; Oct. 12.
 Lighting fixture. E. A. Mitchell. 2,336,414; Dec. 7.
 Lighting fixture. S. R. Naysmith. 2,320,829; June 1.
 Lighting fixture. W. M. Potter. 2,321,701; June 15.
 Lighting fixture. N. Raizner. 2,314,103; Mar. 16.
 Lighting fixture. H. Rowland. 2,327,219; Aug. 17.
 Lighting fixture. L. Schepmoes. 2,309,792; Feb. 2.
 Lighting fixture. W. L. Schumacher. 2,314,520; Mar. 23.
 Lighting fixture. J. T. and J. E. Shannon. 2,335,545; Nov. 30.
 Lighting fixture. P. W. Sprecher. 2,331,811; Oct. 12.
 Lighting fixture. P. S. Strang. 2,327,568; Aug. 24.
 Lighting fixture. N. H. Vacha. 2,335,218; Nov. 23.
 Lighting fixture. E. H. Weber. 2,327,230; Aug. 17.

- Lighting fixture. P. Zampol. 2,332,040; Oct. 19.
 Lighting fixture closure. J. Donnelly. 2,312,393; Mar. 2.
 Lighting fixture construction. T. A. Carter, Jr. 2,316,404; Apr. 13.
 Lighting fixture, Electric. D. J. Biller. 2,317,434; Apr. 27.
 Lighting fixture, Fluorescent. J. Stern. 2,318,536; May 4.
 Lighting fixture, fluorescent safety. H. J. Poehling. 2,327,552; Aug. 24.
 Lighting fixture for sewing machines. A. Liabastre. 2,322,944; June 29.
 Lighting fixture for show windows. C. A. Campen. 2,335,735; Nov. 30.
 Lighting fixture for storerooms. C. A. Campen. 2,335,736; Nov. 30.
 Lighting fixture, Rimless. C. A. Campen. 2,335,737; Nov. 30.
 Lighting fixture, Sewing machine. K. Perkins. 2,329,162; Sept. 7.
 Lighting generator. E. Morath. 2,334,157; Nov. 9.
 Lighting means and control therefor, Electric. J. E. Scott. 2,324,600; July 26.
 Lighting system. A. A. Bluemle and W. E. Brown. 2,309,039; Jan. 19.
 Lighting system. V. L. Mallory. 2,325,258; July 27.
 Lighting system. D. H. Tuck and R. W. Stanley. 2,307,247; Jan. 5.
 Lighting unit. R. E. Crossley. 2,310,618; Feb. 9.
 Lights for vehicles and trailers, Stop. W. H. Baerwald. 2,312,300; Feb. 23.
 Lightning arrester. R. R. Ridgway. 2,329,085; Sept. 7.
 Lightning arrester. H. O. Stoelting. 2,331,852; Oct. 12.
 Lightning arrester, alternate deflector type. G. B. Roloson. 2,334,218; Nov. 16.
 Lightning arrester, arc interrupting type. G. B. Roloson. 2,334,727; Nov. 23.
 Lightning arrester, Expulsion. R. R. Pittman. 2,330,918; Oct. 5.
 Lignin, Hydrogenating. H. Adkins. 2,331,154; Oct. 5.
 Lignin, Making. D. T. Olson, R. Katzen, and R. H. Plow. Re. 2,229,95; Mar. 30.
 Lignite briquettes, Production of. E. T. Lance and F. L. Wells. 2,310,095; Feb. 2.
 Lignocellulose for molding compounds. R. Katzen, R. H. Plow, and E. T. Olson. 2,325,570; July 27.
 Ligno-cellulosic material, Resinifying. W. K. Loughborough. 2,313,953; Mar. 16.
 Limb, Artificial. A. J. Hosmer. 2,333,009; Oct. 26.
 Limb, Artificial. C. B. Johnson and R. B. Trautman. 2,315,795; Apr. 6.
 Limb, Artificial. La V. L. Mortensen. 2,336,881; Dec. 14.
 Lime and plastic products and preparing the same. A. W. Rakston and E. J. Hoffman. 2,320,010; May 25.
 Lime in pebble form and producing the same, Slakable. C. L. Montgomery and R. D. Cheesman. 2,328,573; Sept. 7.
 Lime, Preserving. H. E. Millard. 2,334,499; Nov. 16.
 Lime scale in heat exchangers for sulphite pulp digesters, Removing. A. G. Natwick. 2,328,837; Sept. 7.
 Limiter circuit. J. A. Rankin and C. N. Kimball. 2,332,811; Oct. 26.
 Limb control mechanism. B. S. Ferguson. 2,309,759; Feb. 2.
 Line insulators. M. Perelos. 2,317,799; Apr. 27.
 Line justifying device. S. Brand. 2,313,119; Mar. 9.
 Line reproduction. B. Rudnick. 2,321,249; June 8.
 Line shaft coupling. C. S. Strait. 2,334,418; Nov. 16.
 Line starter switch. B. E. Shaw. 2,314,464; Mar. 23.
 Line support. J. A. Rousculp. 2,320,197; May 25.
 Line tension indicating and measuring apparatus. C. A. Mathey. 2,328,658; Sept. 7.
 Line tracing mechanism. J. D. Howell. 2,334,824; Nov. 23.
 Linear clocks, Mechanism of. J. M. Torroja. 2,333,832; Nov. 9.
 Linear dimension gauge or comparator. H. F. Plaut and G. P. Barrott. 2,307,950; Jan. 12.
 Linear polymeric amine salts. M. Hunt and J. E. Kirby. 2,310,789; Feb. 9.
 Liner and holder therefor. J. Rosay. 2,323,356; July 6.
 Liner, Corrosionproof. R. M. Thomas and W. J. Sparks. 2,311,308; Feb. 16.
 Liner for bearings for polishing wheels and the like. D. Braxton. 2,307,386; Jan. 5.
 Liner for polishing wheels, grindstones, and the like. D. Braxton. 2,307,385; Jan. 5.
 Liner hanger. E. Burns and F. C. Boyd. 2,337,733; Dec. 28.
 Liner hanger. C. M. O'Leary. 2,328,840; Sept. 7.
 Liner hanger apparatus. C. E. Burt, T. Sutter, and T. M. Ragan. 2,315,931; Apr. 6.
 Liner or spacer for leaf springs. B. D. McIntyre. 2,317,291; Apr. 20.
 Liner setting and washing device for wells. L. R. Knowlton. 2,318,167; May 4.
 Lining for canals and general earthwork, Protective. E. J. Baird. 2,333,267; Nov. 2.
 Lining for canals, Protective. E. J. Baird. Re. 22,246; Jan. 12.
 Lining for rope and driving pulleys. E. Uffelmann. 2,330,643; Sept. 28.
 Lining guide for tie sewing machines. C. W. Johnson. 2,323,543; July 6.
 Lining sanitary waste pail. C. L. Martin. 2,318,952; May 11.
 Link chain. H. Hollmann. Re. 22,380; Sept. 28.
 Link, Expansion. C. B. Greenberg. 2,315,417; Mar. 30.
 Link, Expansion. C. B. Greenberg. 2,334,622; Nov. 16.
 Link, Fuse. A. G. Steinmayer. 2,333,345; Nov. 2.
 Linkage for pressure measuring instruments, Adjustable. W. Angst. 2,324,666; July 20.
 Linkage mounting for aerodynamic members. E. F. Zap. 2,319,383; May 18.
 Linoleum. S. A. Cohen and T. L. Malgaard. 2,321,996; June 15.
 Linoleumlike products. F. J. Myers. 2,316,099; Apr. 6.
 Linoleum, Producing inlaid. F. W. Gans. 2,318,215; May 4.
 Linoleum products, Producing. F. W. Gans. 2,311,044; Feb. 16.
 Linoleum products, Producing. W. C. Weigle and J. W. Kammer. 2,318,272; May 4.
 Lint fibers from cotton seeds and cleaning lint fibers by air washing, Separating. P. E. Hopper. 2,325,183; July 27.
 Lint removing apparatus. R. A. Goans and L. J. Claiborne. 2,328,972; Sept. 7.
 Intel. J. J. Klaber. 2,325,614; Aug. 3.
 Lip for toy figures and actuating the same, Movable. L. H. Henry. 2,324,774; July 20.
 Lipstick. E. Whalen. 2,338,325; Dec. 7.
 Lipstick container. I. T. Holihan. 2,332,147; Oct. 19.
 Lipstick device. J. L. Younghusband. 2,310,726; Feb. 9.
 Lipstick device. J. L. Younghusband. 2,314,261; Mar. 16.
 Lipstick device. J. L. Younghusband. 2,335,559; Nov. 30.
 Lipstick holder. R. Nyden. 2,333,812-3; Nov. 9.
 Lipstick holder. H. F. Reichenbach. 2,337,682; Dec. 28.
 Lipstick receptacle. H. S. Rueckberg. 2,333,889; Nov. 9.
 Lipophilic substance. E. Bergmann, F. Bergmann, and L. Haskeberg. 2,308,640; Jan. 19.
 Liquefaction of chlorine. D. R. Means. 2,318,876; May 11.
 Liquid apportioning device. C. E. Quick. 2,321,241; June 8.
 Liquid carbonating device. F. N. Towle and E. F. Gamble. 2,331,248; Oct. 5.
 Liquid clarification. E. M. Kelly, A. M. Kivari, R. P. Kite, E. J. Roberts, and D. B. Sutherland. 2,324,400; July 13.
 Liquid compositions containing polymerized chloroprene. A. D. Macdonald. 2,328,352; Aug. 31.
 Liquid consisting of basic aluminum sulphate for the recovery of sulphur dioxide, Regeneration of an absorption. J. Barwasser and W. Thumm. 2,311,202; Feb. 16.
 Liquid control apparatus. A. Matthews. 2,326,475; Aug. 10.
 Liquid-cooled lamp. C. Bol. 2,312,232; Feb. 23.
 Liquid-cooled lamp. W. A. Bourne and H. W. B. Gardiner. 2,336,525; Dec. 14.
 Liquid cooling device. W. S. Parr and M. F. Peters. 2,313,087; Mar. 9.
 Liquid discharge appliance. F. A. Campbell. 2,331,373; Oct. 12.
 Liquid discharge system. C. H. Lindsay. 2,315,263; Mar. 30.
 Liquid discharge system. C. H. Lindsay. 2,329,845; Sept. 21.
 Liquid dispenser. A. L. Bobrick. 2,311,624; Feb. 23.
 Liquid dispenser. A. L. Bobrick. 2,333,763; Nov. 9.
 Liquid dispenser. W. K. Davis. 2,334,253; Nov. 16.
 Liquid dispenser. T. Huston. 2,307,044; Jan. 5.
 Liquid dispenser. C. C. Oberly. 2,322,966; June 29.
 Liquid dispenser. E. Schwarzkopf. 2,328,746; Sept. 7.
 Liquid dispenser. S. D. Swihart. 2,325,210; July 27.
 Liquid dispenser. W. E. Turner. 2,324,965; July 20.
 Liquid dispensing apparatus. A. O. Codney and R. M. Bailey. 2,319,532; May 18.
 Liquid dispensing apparatus. F. B. Eilers. 2,336,473; Dec. 14.
 Liquid dispensing apparatus. A. L. Grisé. 2,326,636; Aug. 10.
 Liquid dispensing apparatus. C. J. Kessler. 2,319,739; May 18.
 Liquid dispensing apparatus. R. R. Trexler. 2,311,007; Feb. 16.
 Liquid dispensing container. S. S. Rand. 2,319,517; May 18.
 Liquid dispensing device. L. G. Bates. 2,312,067; Feb. 23.
 Liquid dispensing device. R. D. Champion and L. E. Fry. 2,323,378; July 6.
 Liquid dispensing device. M. J. Goldberg and D. S. Willson. 2,327,584; Aug. 24.
 Liquid dispensing device. F. W. Optiz. 2,327,285; Aug. 17.
 Liquid dispensing device. D. Samiran. 2,329,728; Sept. 21.
 Liquid dispensing device. J. Sanchis. 2,337,276; Dec. 21.
 Liquid dispensing device. M. C. Schwab. 2,318,637; May 11.
 Liquid dispensing device. P. E. Waugh. 2,327,475; Aug. 24.

- Liquid dispensing device, Automatic. B. F. Titus. 2,326,416; Aug. 10.
- Liquid dispensing mechanism. J. M. Alexander. 2,336,383; Dec. 7.
- Liquid dispensing nozzle. H. M. Groomes. 2,313,539; Mar. 9.
- Liquid dispensing nozzle for roughage mills and the like. J. Holland-Letz. 2,311,833; Feb. 23.
- Liquid expressing press. C. B. Upton. 2,335,819; Nov. 30.
- Liquid feeding device. C. W. Morse. 2,327,124; Aug. 17.
- Liquid filling machine. E. S. Minard. 2,324,795; July 20.
- Liquid filling valve. E. S. Minard. 2,325,419; July 27.
- Liquid flow control. W. H. Green. Re. 2,335; June 15.
- Liquid flow meter. M. R. Hutchison, Jr. 2,333,791; Nov. 9.
- Liquid flow regulator. J. F. Gschwind. 2,322,102; June 15.
- Liquid from gas, Separating. S. E. Buckley. 2,330,676; Sept. 28.
- Liquid fuel burner. R. S. Pruitt. 2,311,469; Feb. 10.
- Liquid fuel burner. E. C. Vollmer. 2,325,693; Aug. 3.
- Liquid fuel burner. J. W. Warner. 2,335,370; Nov. 30.
- Liquid fuel burning apparatus. J. A. Wilson and N. H. Sutterfield. 2,310,333; Feb. 9.
- Liquid fuel or lubricant supply tank. T. W. Crowell. 2,320,913; June 1.
- Liquid hardener solution. G. T. Eaton and J. I. Crabtree. 2,310,222; Feb. 9.
- Liquid heater. W. E. Gillespie. 2,307,924; Jan. 12.
- Liquid hydrocarbons from gaseous and solid carbonaceous materials, Manufacture of. C. L. and E. A. Ocon. 2,325,916; Aug. 3.
- Liquid hydrocarbons from well fluids, Recovery of. E. H. Sreedman. 2,313,681; Mar. 9.
- Liquid incandescent device. C. H. and C. O. McDannel. 2,325,262; July 27.
- Liquid injection apparatus. M. J. Smith. 2,333,895; Nov. 9.
- Liquid level control device. P. E. Kuhl and Francis R. Russell. 2,310,298; Feb. 9.
- Liquid level controlling means. P. S. Russel. 2,317,556; Apr. 27.
- Liquid level gauge. H. E. Brelsford. 2,320,563; June 1.
- Liquid level gauge. C. L. Hastings. 2,311,387; Feb. 16.
- Liquid level gauge. V. I. and L. G. Hooper. 2,320,731; June 1.
- Liquid level gauge. E. H. Koehler. 2,331,917; Oct. 19.
- Liquid level gauge. S. L. Sundstrom. 2,308,791; Jan. 19.
- Liquid level gauge. E. J. H. Thiemer. 2,333,397; Nov. 2.
- Liquid level gauge. D. R. Yarnall. 2,330,102; Sept. 21.
- Liquid level gauge. G. H. Zenner. 2,326,511; Aug. 10.
- Liquid level, Indicating. J. Schierenbeck. 2,310,993; Feb. 16.
- Liquid level indicating means. A. E. Mathey. 2,330,983; Oct. 5.
- Liquid level indicator. H. A. Hulsberg. 2,337,608; Dec. 28.
- Liquid level indicator. A. E. Mathey. Re. 22,391; Nov. 9.
- Liquid level indicator. F. P. Scully and A. E. Mathey. 2,323,156; June 29.
- Liquid level indicator. L. B. Winton. 2,337,171; Dec. 21.
- Liquid lifter, Automatic. A. B. Collinson. 2,317,589; Apr. 27.
- Liquid material compositions and bases carrying the same, Chawew nut shell. E. C. Homan. 2,317,611; Apr. 27.
- Liquid materials, Forming initially. U. E. Bowes. 2,320,341; June 1.
- Liquid measuring device. V. S. Kucki. 2,317,068; Apr. 20.
- Liquid metering and mixing apparatus. H. S. Hight. 2,324,580; July 20.
- Liquid metering device. A. V. Sampsel. 2,319,830; May 25.
- Liquid metering device. R. M. Sherman. 2,323,627; July 6.
- Liquid, Noncorrosive. F. B. Downing. 2,307,577; Jan. 5.
- Liquid or suspension, Heavy. A. Pearson. 2,315,650; Apr. 6.
- Liquid phase extraction of glyceride oils and acids. S. E. Freeman. 2,316,512; Apr. 13.
- Liquid pouring. L. C. Lanfare. 2,311,763; Feb. 23.
- Liquid pressure reducing means. A. H. Baer. 2,337,862; Dec. 28.
- Liquid pressure remote control system. Q. H. Carlton. 2,330,678; Sept. 28.
- Liquid pressure remote control system. F. S. Eves and A. C. Bamford. 2,335,269; Nov. 30.
- Liquid pressure remote control system, more particularly for operating soot blowers of boilers and the like. F. S. Eves. 2,309,889; Feb. 2.
- Liquid purification. W. H. Green. 2,314,977; Mar. 30.
- Liquid reagent feeder. F. L. Palmquist. 2,311,862; Feb. 23.
- Liquid receptacle. M. Watter. 2,331,097; Oct. 5.
- Liquid screening apparatus. W. C. Moor. 2,324,637; July 20.
- Liquid sealing compound. A. L. Parker. 2,327,450; Aug. 24.
- Liquid sludge or the like, Incineration of. R. W. Rowen. 2,317,941; Apr. 27.
- Liquid solid transitory phase air cooling or conditioning system. R. B. Crawford. 2,336,674; Dec. 14.
- Liquid sprayer. W. H. Rose. 2,310,319; Feb. 9.
- Liquid tapping and blowing loss eliminator. R. R. Gunderson. 2,314,273; Mar. 16.
- Liquid treatment. H. B. Gustafson. 2,325,675; Aug. 3.
- Liquid treatment apparatus. V. P. Gershon. 2,311,532; Feb. 16.
- Liquids and washing gases, Process of and apparatus for degasifying. R. Becker. 2,310,829; Feb. 9.
- Liquids, Atomizing. J. T. Voorheis. 2,315,172; Mar. 30.
- Liquids by distillation, Purification of. F. L. Hunter. 2,330,057; Sept. 21.
- Liquids, Clarifying. G. E. Henkel. 2,334,703; Nov. 23.
- Liquids, Degassing. H. E. Drennan, W. G. Hiatt and W. H. Creel. 2,315,843; Apr. 6.
- Liquids from gases, Recovering. S. E. Buckley. 2,332,201; Oct. 19.
- Liquids from liquid and solid hydrocarbons, Production of valuable. J. E. Harvey, Jr. 2,309,954; Feb. 2.
- Liquids from paper making processes, Treatment of. B. Booth. 2,335,209; Nov. 23.
- Liquids, Heating and denaturing of. J. R. McDermet. 2,321,839; June 15.
- Liquids, Heating and handling. F. W. Miller. 2,309,523; Jan. 26.
- Liquids, Method and apparatus for degasifying. M. K. Harvey. 2,315,481; Mar. 30.
- Liquids, Method and apparatus for straining. H. G. Lubke. 2,312,764; Mar. 2.
- Liquids or semi-liquids, Treating imperfectly combustible. W. Ferguson. 2,319,591; May 18.
- Liquids polymerizable by heat, Distillation of organic. B. M. Marks. 2,336,493; Dec. 14.
- Liquids, Progressive purification of biologically impure. C. J. Dekema. 2,308,866; Jan. 19.
- Liquids sheltered from air, Process and device for storing. G. S. Cantacuzene. 2,313,191; Mar. 9.
- Liquids, Treating sucrose bearing. A. W. Lissauer and A. Wright. 2,307,326; Jan. 5.
- Liquors, Treatment of alcoholic. F. E. Stuart. 2,320,486; June 1.
- Liquors, Treatment of organic. R. P. Dunmire. 2,331,695; Oct. 19.
- Liquor, Treatment of waste. C. J. Brockman. 2,318,919; May 11.
- Liquids with sulphur combustion gases, Process and apparatus for treating. B. A. Axelrad and S. T. Powell. 2,310,187; Feb. 2.
- Lister. W. A. Hyland. 2,318,224; May 4.
- Lister. W. H. Silver. 2,310,602; Feb. 9.
- Lister. W. H. Silver. 2,318,561; May 4.
- Lister. W. H. Silver. 2,323,278; June 29.
- Lister. W. H. Silver. 2,325,278; July 27.
- Lister. W. H. Silver. 2,328,174; Aug. 31.
- Listers and lister saws, Darning attachment for. C. T. Peacock. 2,337,620; Dec. 28.
- Listing adding machine. L. P. Crosman. 2,321,013; June 8.
- Listing machine. L. P. Crosman. 2,307,669; Jan. 5.
- Listing machine. L. P. Crosman. 2,321,014; June 8.
- Litharge, Nondusting. H. L. Plummer. 2,337,128; Dec. 21.
- Lithium from minerals, Recovering. A. R. Lindblad, S. J. Walden, and K. A. Sivander. 2,331,838; Oct. 12.
- Lithographic plate. W. C. Toland and E. Bassist. 2,311,889; Feb. 23.
- Lithographic plate and making the same. W. T. Hagelin. 2,311,047; Feb. 16.
- Lithographic plate, Deep etching. P. Zeiger. 2,316,645; Apr. 13.
- Lithographic plate preparation. J. P. Danehy and J. H. Newland. 2,324,198; July 13.
- Lithographic plate preparation. W. H. Wood. 2,328,371; Aug. 31.
- Lithographic plates, etc., Preparation of sensitized. J. P. Danehy. 2,324,197; July 13.
- Lithographic plates, Making deep-etched. A. George. 2,334,405; Nov. 18.
- Lithography, Color separation. J. Cunningham. 2,320,914; June 1.
- Livestock feeder. C. E. Hedrick. 2,335,337; Nov. 30.
- Living equipment or furniture. P. Marzillier. 2,333,483; Nov. 2.
- Load-bearing member. H. C. Fischer and A. H. W. Higgins. 2,328,442; Aug. 31.
- Load brake. H. F. Parker, E. E. Robins, and L. B. Gilbert. 2,325,917; Aug. 3.
- Load brake equipment, Automatic empty and. J. White. 2,332,620; Oct. 26.
- Load break disconnect. H. L. Rawlins. 2,308,026; Jan. 12.
- Load compensated control system. W. H. Gille and J. V. Sigford. 2,324,692; July 20.
- Load guide and protector. C. White. 2,320,991; June 8.
- Load lifting and dumping machine. E. McFarland. 2,317,075; Apr. 20.
- Load-moving machine. C. W. Mott. 2,332,742; Oct. 26.

- Load supporting device. J. C. McCarthey. 2,335,214; Nov. 23.
- Load transfer joint apparatus. A. C. Fischer. 2,319,049; May 11.
- Load transfer unit for paving joint structures. R. G. Williams. 2,319,713; May 18.
- Load weighing and totaling device for cranes, hoists, and the like. S. H. Davis. 2,324,769; July 20.
- Load weight system. M. C. Tate. 2,314,178; Mar. 16.
- Loader. R. E. Brown. 2,327,494; Aug. 24.
- Loader. H. H. Cook. 2,325,833; Aug. 3.
- Loader. J. N. Fees. 2,315,091; Mar. 30.
- Loader. R. C. Franke. 2,330,041; Sept. 21.
- Loader. L. Jones and G. Blake. 2,334,010; Nov. 9.
- Loader and dumper, Skip. E. R. Barrett. 2,332,962; Oct. 26.
- Loader and stacker, Hay. C. C. Thor. 2,332,029; Oct. 19.
- Loader and unloader, Truck. D. B. Dreese. 2,319,588; May 18.
- Loader, Beet. J. F. Passa. 2,325,704; Aug. 3.
- Loader, Front end. A. G. Gurries. 2,310,284; Feb. 9.
- Loader, Portable. L. F. and E. D. Arnett. 2,334,304; Nov. 16.
- Loader. Sack. E. R. Smith. 2,312,779; Mar. 2.
- Loader. Wire. C. Herzog. 2,334,004; Nov. 9.
- Loading and unloading mechanism for trucks. I. De Vry and W. P. Aguirre. 2,308,648; Jan. 19.
- Loading and unloading mechanism for trucks. J. Palement. 2,318,886; May 11.
- Loading apparatus. T. F. McCarthey. 2,314,008-9; Mar. 16.
- Loading apparatus for ambulances. J. G. Tavaris. 2,327,680; Aug. 24.
- Loading apparatus, Material. R. C. Osgood. Re. 22,386; Oct. 26.
- Loading device. W. W. Sloane. 2,322,481; June 22.
- Loading device for relay armatures. Adjustable spring. T. A. Terjesen. 2,310,754; Feb. 9.
- Loading device, Top roll. L. D. Cobb. 2,315,936; Apr. 6.
- Loading, haulage, and dumping apparatus. L. W. Brooks. 2,313,514; Mar. 9.
- Loading machine. E. A. Nix. 2,334,835; Nov. 23.
- Loading mechanism for firearms. E. G. Reising. 2,324,238; July 13.
- Loading patch for stress-testing aircraft. H. W. Grinter. 2,319,675; May 18.
- Loading tool. H. Persson. 2,321,770; June 15.
- Loading valve. R. Stevenson and A. W. Keema. 2,327,830; Aug. 24.
- Loads, Measuring. F. J. Converse. 2,319,299; May 18.
- Leaf assembling and aligning device, Fractional wrapped. W. A. Hayssen and D. R. Horwitz. 2,318,221; May 4.
- Lobster cutter. R. L. Sjostrom. 2,335,806; Nov. 30.
- Loobsters, Packing live. J. R. Macdonald. 2,316,607; Apr. 13.
- Locating and fastening means. F. W. Meredith. 2,324,224; July 13.
- Locating bearing for horizontal shafts. H. Murtagh and W. G. Harding. 2,325,623; Aug. 3.
- Locator for submerged aircraft and the like. J. A. Tarburton. 2,323,163; June 29.
- Locator. S. Berman. 2,321,356; June 8.
- Locator, Crankshaft. J. Y. Blazek, G. E. Sears, and V. R. Roy. 2,329,382; Sept. 14.
- Lock: See
- Automobile door lock.
- Automobile trunk lock.
- Automobile wheel lock.
- Car lock.
- Closure lock.
- Coin lock.
- Coin operated door lock.
- Combination lock.
- Combined wheel and tire lock.
- Cylinder lock.
- Distributor rotor lock.
- Door lock.
- Filler pipe cap lock.
- Firearm lock.
- Grate bar lock.
- Illuminated door lock.
- Instrument dial lock.
- Lavatory lock.
- Mix-beater shaft lock.
- Motor vehicle lock.
- Nut and bolt lock.
- Nut lock.
- Ordinance traveling lock.
- Pin lock.
- Plate tumbler lock.
- Rear deck lid lock.
- Ring lock.
- Safety raft slip lock.
- Sash holder and lock.
- Shaft lock.
- Spindle lock.
- Strap lock.
- Thread lock.
- Trip lock.
- Trunk lock.
- Tumbler type lock.
- Turntable lock.
- Valve lock.
- Valve spring retainer lock.
- Valve spring lock.
- Vehicle tire lock.
- Vehicle wheel lock.
- Window lock.
- Window sash lock.
- Lock for adjustable end wrenches. L. E. Orchard. 2,309,529; Jan. 26.
- Lock for dial telephones, Coin-controlled. M. Bruck. 2,309,572; Jan. 26.
- Lock for knife switches. L. H. Russell. 2,328,848; Sept. 7.
- Lock for radio receivers, or the like. F. de Hoffman. 2,333,787; Nov. 9.
- Lock mechanism. J. H. Booth and J. I. Booth. 2,327,243; Aug. 17.
- Lock mechanism, Door. R. W. Springer. 2,322,892; June 29.
- Lock nut. L. D. Danforth. 2,320,032; May 25.
- Lock nut. R. W. Luce. 2,336,023; Dec. 7.
- Lock nut. C. G. Olson. 2,314,509; Mar. 23.
- Lock nut, including its construction. L. D. Danforth. 2,320,031; May 25.
- Lock nuts, Forming. B. F. Money. 2,330,511; Sept. 28.
- Lock slider. E. C. Hartley. 2,322,847; June 29.
- Lock slider, Automatic. D. Marinsky. 2,324,788; July 20.
- Lock type reset device. P. G. Adams. 2,313,908; Mar. 16.
- Lock-up for torque engaged clutches. J. J. Bloomfield. 2,314,030; Mar. 16.
- Lock washer. J. A. McGrew. 2,313,658; Mar. 9.
- Lock washer and making same. O. J. Poupitch. 2,321,155; June 8.
- Lock washers, Method and means for making. R. A. and R. A. Williams, Jr. 2,308,579; Jan. 19.
- Locking adjustment. C. J. Stuart. 2,318,815; May 11.
- Locking and adjusting means for window sashes. A. E. Wadsworth. 2,319,525; May 12.
- Locking and ventilating means for hatch covers. E. R. Swanson. 2,333,619; Nov. 2.
- Locking arrangement in securing skid chains to wheels. J. F. Kane. 2,315,059; Mar. 30.
- Locking assembly, Automobile wheel. H. S. Jandus. 2,319,931; May 25.
- Locking assembly for automobile wheels and parts thereof. G. W. Schatzman. 2,329,945-6; Sept. 21.
- Locking assembly for automobile wheels and parts thereof. G. W. Schatzman. 2,337,627; Dec. 28.
- Locking automobiles against self-propulsion. M. E. Zimmermann and W. W. Hurler. 2,336,829; Dec. 14.
- Locking-bolt actuating means for machine guns. T. K. Robinson, Jr. 2,337,273; Dec. 21.
- Locking clip. G. F. Lum. 2,313,249; Mar. 9.
- Locking closure for paper bags and other containers. H. W. Nichols, Jr. 2,336,630; Dec. 14.
- Locking device. J. E. Bales, L. O. Vogt, and M. Monaco. 2,336,458; Dec. 14.
- Locking device. W. E. Byrne. 2,331,105; Oct. 5.
- Locking device. D. H. Hoffman. 2,330,284; Sept. 28.
- Locking device. R. Jostich, Jr., and E. J. Phillips. 2,331,555; Oct. 12.
- Locking device. H. McCarthey and J. R. Brasel. 2,324,633; July 20.
- Locking device. E. H. McCloud. 2,315,722; Apr. 6.
- Locking device, Car. E. A. Sahlin. 2,316,976; Apr. 20.
- Locking device for bucket teeth. A. N. Crawford. 2,312,802; Mar. 2.
- Locking device for clutch control mechanisms. M. B. Cameron. 2,329,743; Sept. 21.
- Locking device for door keys. W. E. Amos. 2,316,544; Apr. 13.
- Locking device for throttle valves. G. H. Fuehrer. 2,328,446; Aug. 31.
- Locking device, Nut. M. F. Saylor. 2,317,347; Apr. 27.
- Locking device, Threaded. R. W. Luce. 2,320,785; June 1.
- Locking mechanism. C. J. Stuart. 2,322,402; June 22.
- Locking mechanism. C. J. Stuart. 2,336,044; Dec. 7.
- Locking mechanism for doors. J. W. Shannon, L. M. Hathaway, and J. E. McKee. 2,323,358; July 6.
- Locking mechanism for doors. J. Vetter, Jr. 2,316,199; Apr. 13.
- Locking mechanism for servomotors. R. Daalder. 2,310,018; Feb. 2.
- Locking mechanism for the setting members of calculating machines. B. Carlström. 2,312,797; Mar. 2.
- Locking mechanism for vehicle doors. A. P. Mickler. 2,312,352; Mar. 2.
- Locking mechanism, Loose-leaf binder. J. P. Guinane. 2,308,363; Jan. 12.
- Locking piece, Turbine blade. J. R. Hall. 2,315,616; Apr. 6.
- Locking sliding seat. R. A. and J. F. Cramer. 2,312,030; Feb. 23.
- Locking system for automobiles. Coincidental. R. N. Ward and R. H. Dean. 2,329,309; Sept. 14.
- Locking vehicles against self-propulsion. M. E. Zimmermann. 2,330,536; Sept. 28.
- Locomotive. M. Essl. 2,317,849; Apr. 27.
- Locomotive. R. M. Ostermann. 2,321,613; June 15.
- Locomotive. E. E. Rodler. 2,307,857; Jan. 12.
- Locomotive boiler. B. E. Larson. 2,321,399; June 8.
- Locomotive boiler bracket. L. L. Neebe. 2,337,677; Dec. 28.
- Locomotive boiler firebox. B. E. Larson. 2,318,502; May 4.
- Locomotive brake equipment. E. E. Hewitt. 2,314,397; Mar. 23.

- Locomotive cab supporting means. G. D. Sprankle. 2,321,327; June 8.
- Locomotive cooling apparatus. L. G. Plant. 2,331,724; Oct. 12.
- Locomotive construction. W. E. Woodward and A. H. Filander. 2,318,040; May 4.
- Locomotive control system. C. E. Baston. 2,313,913; Mar. 10.
- Locomotive crosshead guide. J. G. Blunt. 2,310,150; Feb. 2.
- Locomotive drive arrangement. A. H. Morey. 2,312,924; Mar. 2.
- Locomotive driving wheel hub and liner structure. J. J. Hennessy. 2,313,545; Mar. 9.
- Locomotive firebox. C. A. Siegel. 2,335,803; Nov. 30.
- Locomotive firebox equipment. C. A. Siegel. 2,335,801; Nov. 30.
- Locomotive fireboxes, Equipment for. C. A. Siegel. 2,335,802; Nov. 30.
- Locomotive for high-voltage direct current. F. Punga. 2,317,802; Apr. 27.
- Locomotive. Midget. F. L. Alben. 2,333,504; Nov. 2.
- Locomotive power reverse gear. M. T. Foraker, Jr. 2,327,344; Aug. 24.
- Locomotive seat structure. S. Snyder. 2,318,125; May 4.
- Locomotive, Stoker fired. C. J. Strady. 2,310,496; Feb. 9.
- Locomotives, Drive unit for. N. E. Gee. 2,314,085; Mar. 10.
- Log. Air. E. V. Rippingille. 2,316,021; Apr. 6.
- Log cabin construction. J. G. Baker. 2,321,120; June 8.
- Log cabin construction. W. C. Presley. 2,320,466; June 1.
- Log-cutting machine. J. Zandack. 2,321,962; June 15.
- Log type building structure. F. Williams. 2,309,426; Jan. 26.
- Logging apparatus. P. Grabinski. 2,318,218; May 4.
- Logarithmic instrument circuit. H. O. Peterson. 2,313,666; Mar. 9.
- Long life high pressure lamp. G. A. Freeman. 2,330,042; Sept. 21.
- Long scale frequency meter. R. M. Rowell. 2,308,341; Jan. 12.
- Loom: See—
- Axminster loom. Multishuttle weft replenishing loom.
- Automatic loom. Pick and pick loom.
- Circular loom. Weft replenishing loom.
- Circular weaving loom. Weft replenishing loom.
- Loom. A. De Ghetto. 2,335,654; Nov. 30.
- Loom attachment. H. H. Hughes. 2,328,981; Sept. 7.
- Loom box motion lever. V. H. Jennings. 2,337,890; Dec. 28.
- Loom for weaving. A. Moessinger. 2,316,703; Apr. 13.
- Loom for weaving ladder tape. E. R. Holmes. 2,319,863; May 25.
- Loom gauge. T. J. Oliver. 2,318,256; May 4.
- Loom picker. A. P. Lewis. 2,325,187; July 27.
- Loom picker. J. E. Moe. 2,313,354; Mar. 9.
- Loom picker. H. J. Shivel. 2,308,393; Jan. 12.
- Loom reel threading device. V. Lobl and E. L. McCorkack. 2,324,220; July 13.
- Loom shuttle. C. D. Brown. 2,327,840; Aug. 24.
- Loom shuttle. W. P. Ellis. 2,335,564; Nov. 30.
- Loom shuttle. S. Hudson. 2,334,675; Nov. 16.
- Loom shuttle. J. E. Johnson. 2,322,365; June 22.
- Loom shuttle. J. J. Kaufmann, Jr. 2,336,937; Dec. 14.
- Loom shuttle. L. B. Reynolds. 2,335,534; Nov. 30.
- Loom stop motion. C. D. Brown. 2,336,343; Dec. 7.
- Loom temple. C. D. Brown. 2,336,591; Dec. 14.
- Loom temple. A. B. Shelton. 2,310,125; Feb. 2.
- Looms, Beat-up mechanism for. R. G. Turner. 2,337,431; Dec. 21.
- Looms, Picking mechanism for. F. M. Magee. 2,339,874; Dec. 14.
- Loop antenna system. W. van B. Roberts. 2,316,623; Apr. 13.
- Loop antenna system. W. A. Schaper. 2,335,969; Dec. 7.
- Loop assembly. A. F. Bischoff. 2,318,361; May 4.
- Loop pile fabric. W. R. Kenn. 2,318,499; May 4.
- Loop pile fabric and apparatus for weaving same. W. R. Kenn. 2,318,080; May 4.
- Loop, Slide. G. H. Elwell. 2,307,120; Jan. 5.
- Loop, Slide. G. H. Elwell. 2,317,678-9; Apr. 27.
- Loop-taker and feed-actuating mechanism for sewing machines. P. Parry. 2,333,438; Nov. 2.
- Loop-takes mechanism for sewing machines. W. Myers. 2,324,418; July 13.
- Looper mechanism for sewing machines. S. Zonis and A. S. Meloy, Jr. 2,318,447; May 4.
- Loose-leaf binder. H. E. Baughman. 2,325,466; July 27.
- Loose-leaf binder. J. W. F. Blizard and C. G. Peters. 2,328,416; Aug. 31.
- Loose leaf binder. E. F. Buenger and W. Nelson. 2,320,404; June 1.
- Loose leaf binder. G. H. Dawson and J. Potts. 2,331,461; Oct. 12.
- Loose-leaf binder. H. J. Henderson. 2,318,941; May 11.
- Loose-leaf binder. J. R. Newland. 2,336,629; Dec. 14.
- Loose-leaf binder. C. V. St. Louis. 2,324,244; July 13.
- Loose leaf binder. P. O. Unger. 2,315,303; Mar. 30.
- Loose-leaf binder. P. O. Unger. 2,316,118; Apr. 6.
- Loose-leaf binder. F. D. Wedge. 2,325,155; July 27.
- Loose-leaf binder and brief case. H. H. Cohun. 2,333,523; Nov. 2.
- Loose leaf book construction. J. Schade. 2,322,595; June 22.
- Loose-leaf construction. V. Havel. 2,324,259; July 13.
- Loose leaf notebook, paper container and accessory kit. Combination. J. Boelens, Jr. 2,318,192; May 4.
- Loose-leaf support. A. K. Nelson. 2,309,474; Jan. 26.
- Loose stock drier. F. B. Morrill. 2,335,698; Dec. 14.
- Loud-speaker. G. W. Blessing. 2,320,402; June 1.
- Loudspeaker. H. F. Olson. 2,318,517; May 4.
- Loud-speaker and circuit therefor. J. J. Moynihan. 2,328,836; Sept. 7.
- Loud-speaker, Dynamic. D. H. Cunningham. 2,312,238; Feb. 23.
- Loud-speaker enclosure, Pressure control. J. Topping, Jr. 2,337,213; Dec. 21.
- Louver assembly, Adjustable. P. Johnson. 2,321,684; June 15.
- Louver construction. H. B. Ahlberg. 2,316,541; Apr. 13.
- Louver construction. A. H. Bahnsen, Jr. 2,313,912; Mar. 16.
- Louver construction. V. E. Huff. 2,317,994; May 4.
- Louver pivot clip. Van E. Huff. 2,324,454; July 13.
- Louvers for lighting fixtures. E. B. Wilson. 2,319,572; May 18.
- Low frequency resilient mounting. F. C. Rushing. 2,313,893; Mar. 16.
- Low temperature storage tank. J. O. Jackson and H. C. Cooper. 2,329,765; Sept. 21.
- Low voltage luminescent tube. J. B. J. M. Abadie. 2,331,881; Oct. 19.
- Lubricant. J. A. Anderson. 2,316,089; Apr. 6.
- Lubricant. J. A. Anderson. 2,330,858; Oct. 5.
- Lubricant. E. W. Cook. 2,323,797; July 6.
- Lubricant. E. W. Cook and W. D. Thomas, Jr. 2,311,931; Feb. 23.
- Lubricant. L. L. Davis and B. H. Lincoln. 2,335,261; Nov. 30.
- Lubricant. D. R. Frey. 2,320,228; May 25.
- Lubricant. P. K. Frolich and H. B. Kellog. 2,327,705; Aug. 24.
- Lubricant. J. W. Gaynor and C. M. Loane. 2,316,087; Apr. 6.
- Lubricant. F. C. Gzemski. 2,326,140; Aug. 10.
- Lubricant. C. D. Kelso and L. W. Mixon. 2,316,085; Apr. 6.
- Lubricant. C. D. Kelso and L. W. Mixon. 2,316,090; Apr. 6.
- Lubricant. A. Lazar, P. M. Ruedrich, and R. Le R. Frazier. 2,329,474; Sept. 14.
- Lubricant. B. H. Lincoln and G. D. Byrkit. 2,337,478; Dec. 21.
- Lubricant. C. M. Loane and J. W. Gaynor. 2,316,078-9; Apr. 6.
- Lubricant. C. M. Loane and J. W. Gaynor. 2,316,080-2; Apr. 6.
- Lubricant. C. M. Loane, J. W. Gaynor and L. W. Mixon. 2,316,083-4; Apr. 6.
- Lubricant. C. M. Loane and J. W. Gaynor. 2,316,088; Apr. 6.
- Lubricant. C. M. Loane and J. W. Gaynor. 2,322,859; June 29.
- Lubricant. F. H. McLaren. 2,316,086; Apr. 6.
- Lubricant. J. V. Montgomery and L. B. Goodson. 2,325,533; July 27.
- Lubricant. A. F. Morway and J. C. Zimmer. 2,332,247; Oct. 19.
- Lubricant. C. F. Prutton. 2,310,993; Feb. 16.
- Lubricant. C. F. Prutton. 2,330,236; Sept. 28.
- Lubricant. R. Reuter. 2,325,076; July 27.
- Lubricant. C. N. White. 2,316,091; Apr. 6.
- Lubricant. D. L. Wright and C. W. Bohmer, Jr. 2,335,331; Nov. 30.
- Lubricant. J. Wulff. 2,334,738; Nov. 23.
- Lubricant. J. C. Zimmer and A. J. Morway. 2,326,596; Aug. 10.
- Lubricant. J. C. Zimmer and A. J. Morway. 2,330,773; Sept. 28.
- Lubricant. J. C. Zimmer and A. J. Morway. 2,332,825; Oct. 28.
- Lubricant additives, Halogenated aliphatic. W. A. Whittier and J. B. Stucker. 2,316,925; Apr. 20.
- Lubricant, Anti-ring-sticking. E. R. White. 2,320,392; June 1.
- Lubricant composition. D. E. Badertscher, G. S. Crandall, and F. M. Seger. 2,310,670; Feb. 9.
- Lubricant composition. H. G. Berger and F. M. Seger. 2,329,324; Sept. 14.
- Lubricant composition. R. L. Bond. 2,323,789; July 6.
- Lubricant composition. R. Rosen. 2,321,517; June 8.
- Lubricant composition. J. C. Zimmer and G. M. McNulty. 2,334,594; Nov. 16.
- Lubricant, Compounded. A. W. Burwell. 2,335,733; Nov. 30.
- Lubricant, Compounded. J. O. Clayton and B. B. Farrington. 2,321,576; June 15.
- Lubricant dispensing device. E. P. Sundholm. 2,313,845; Mar. 16.
- Lubricant, Drawing. S. Spring. 2,329,731; Sept. 21.
- Lubricant, Extreme pressure. G. H. Morey. 2,335,434; Nov. 30.
- Lubricant, Extreme pressure. B. H. Shoemaker. 2,307,307; Jan. 5.

- Lubricant, Extreme pressure. J. C. Zimmer and A. J. Morway. 2,307,183; Jan. 5.
- Lubricant, Extreme pressure. J. C. Zimmer and G. M. McNulty. 2,311,500; Feb. 16.
- Lubricant for solid dies. S. Epstein and J. R. Kreiser. 2,319,393; May 18.
- Lubricant for split dies. S. Epstein and J. R. Kreiser. 2,334,076; Nov. 9.
- Lubricant for textiles and the like. I. M. Colbeth. 2,308,355; Jan. 12.
- Lubricant preparation. Antiwelding. W. P. Tighe. 2,314,530; Mar. 23.
- Lubricant purifier. C. A. Winslow and L. L. Moore. 2,314,640; Mar. 23.
- Lubricant seal for shafts. W. G. Baldenhofer. 2,325,296; July 27.
- Lubricant, Stabilized extreme pressure. B. W. Story and F. M. Seger. 2,331,005; Oct. 5.
- Lubricant stocks, Dewaxing. S. D. Lawson and R. W. Henry. 2,314,994; Mar. 30.
- Lubricants containing lead soap of hydrogenated ricinoleic acid. Production of. H. M. Fraser. 2,308,599; Jan. 19.
- Lubricants, Purifying. P. Miller and E. Lieber. 2,310,305; Feb. 9.
- Lubricated firing shaft joint. S. H. Brooks. 2,330,552; Sept. 28.
- Lubricated plug valve. F. H. Morehead. 2,322,379; June 22.
- Lubricated valve. I. B. Humphreys. 2,333,424; Nov. 2.
- Lubricated valve. F. Milliken. 2,336,027; Dec. 7.
- Lubricating and oil separating system for compressors. B. Dick and F. H. Stroup. 2,323,802; July 6.
- Lubricating apparatus. E. W. Davis. 2,308,864; Jan. 19.
- Lubricating apparatus. E. W. Davis. 2,332,305; Oct. 19.
- Lubricating apparatus. E. W. Davis. 2,337,454; Dec. 21.
- Lubricating apparatus for breaching machines. O. W. Bonatti. 2,332,147; Nov. 2.
- Lubricating attachment. M. Rosenberg and J. Weissblatt. 2,314,163; Mar. 16.
- Lubricating composition. E. W. Cook and T. F. Bradley. 2,325,040; July 27.
- Lubricating composition. C. E. Earle. Re. 22,299; Apr. 13.
- Lubricating composition. I. W. Humphrey. 2,323,471; July 6.
- Lubricating composition. E. Lieber and H. T. Rice. 2,327,535; Aug. 24.
- Lubricating composition. J. G. McNab, C. J. Wilson, and C. Winning. 2,335,017; Nov. 23.
- Lubricating composition. C. F. Prutton. 2,318,629-30; June 11.
- Lubricating composition. C. F. Prutton. 2,320,984; June 1.
- Lubricating composition. C. F. Prutton. 2,322,209; June 22.
- Lubricating composition. C. F. Prutton. 2,330,238; Sept. 28.
- Lubricating composition. C. F. Prutton and A. K. Smith. 2,318,013; May 4.
- Lubricating composition. W. J. Sparks and R. Rosen. 2,336,195; Dec. 7.
- Lubricating composition. E. R. White. 2,322,184; June 15.
- Lubricating composition and pour depressor therefor. E. Lieber and M. E. Thorne. 2,334,563; Nov. 16.
- Lubricating device. E. F. Penner, Jr. 2,335,442; Nov. 30.
- Lubricating device for aircraft engines. M. Duckstein. 2,317,745; Apr. 27.
- Lubricating device for bread slicers. A. A. Kottmann and F. Rohlfing. 2,319,140; May 11.
- Lubricating device for cork-rod packing machines. J. M. Binder. 2,326,428; Aug. 10.
- Lubricating dispenser. J. M. Hothersall. 2,322,808; June 29.
- Lubricating grease manufacturing and apparatus therefor. A. E. Calkins. 2,332,202; Oct. 19.
- Lubricating material and producing the same. B. H. Rouse. 2,322,738; June 22.
- Lubricating material. Producing. H. W. Ritchey. 2,311,305; Feb. 16.
- Lubricating oil. R. G. Clarkson. 2,336,070; Dec. 7.
- Lubricating oil. R. F. McCleary and S. M. Roberts. 2,322,376; June 22.
- Lubricating oil composition. D. J. Barth. 2,307,615; Jan. 5.
- Lubricating oil composition. E. W. Cooke and W. D. Thomas, Jr. 2,329,436; Sept. 14.
- Lubricating oils, Dewaxing. S. D. Lawson. 2,335,427; Nov. 30.
- Lubricating oils, etc. J. M. Musselman. 2,323,670; July 6.
- Lubricating oils, Preparing. G. H. von Fuchs and H. Diamond. 2,327,158; Aug. 17.
- Lubricating oils, Production of. H. Grasshof. 2,329,714; Sept. 21.
- Lubricating piston engine. A. G. F. Wallgren and K. E. Evrell. 2,317,004; Apr. 20.
- Lubricating product. A. H. Gleason. 2,307,885; Jan. 12.
- Lubricating seal. J. S. Swearingen. 2,325,283; July 27.
- Lubricating system. E. W. Davis. 2,308,865; Jan. 19.
- Lubricating system. B. E. Folke. 2,315,778; Apr. 6.
- Lubricating system. J. Gouldbourn and T. A. Kestell. 2,331,119; Oct. 5.
- Lubricating system. J. R. Ioannilli. 2,308,513; Jan. 19.
- Lubricating system. C. B. Malone. 2,334,942; Nov. 23.
- Lubricating system. L. T. Miller. 2,311,069; Feb. 16.
- Lubricating system. L. T. Miller. 2,326,051; Aug. 3.
- Lubricating system. M. P. Winther. 2,335,557; Nov. 30.
- Lubricating system, Compressor. R. J. Woods and C. J. Lane. 2,307,251; Jan. 5.
- Lubricating system for aircraft superchargers. H. E. Grant. 2,336,480; Dec. 14.
- Lubricating system for sewing machines. F. F. Zeier. 2,311,604; Feb. 16.
- Lubricating system for sewing machines. F. F. Zeier. 2,317,240; Apr. 20.
- Lubrication. E. H. Kocher. 2,308,815; Jan. 19.
- Lubrication. E. H. Kocher. 2,320,140; May 25.
- Lubrication. E. H. Kocher. 2,324,402; July 13.
- Lubrication. E. H. Kocher. 2,331,984; Oct. 19.
- Lubrication composition. A. W. Burwell and J. A. Camelford. 2,317,666; Apr. 27.
- Lubrication feed for valves. A. S. Volpin. 2,310,480; Feb. 9.
- Lubricator. *See—*
- Cylinder bearer lubricator. Picker spindle lubricator. Engine lubricator. Hydrostatic mechanical lubricator.
- Lubricator. E. M. Green. 2,328,004; Aug. 31.
- Lubricator. A. Meldahl. 2,335,598; Nov. 30.
- Lubricator. C. A. Norgren and P. G. Palmgren. 2,308,773; Jan. 19.
- Lubricator. L. A. Safford. 2,322,544; June 22.
- Lubricator and seal, Valve. I. N. Reed. 2,323,421; July 6.
- Lubricator device. L. D. Cobb. 2,328,327; Aug. 31.
- Lubricator for engine cylinders. J. R. Brooks. 2,313,462; Mar. 9.
- Lubricator for ignition interrupters, Manual. F. S. Coe and R. H. Gibson. 2,330,028; Sept. 21.
- Lubricator oil control valve. B. E. Folke. 2,329,040; Sept. 7.
- Lubricity-increasing agents, Neutral. A. W. Burwell. 2,314,769; Mar. 23.
- Lug structure, Connector. F. C. Ebert. 2,329,460; Sept. 14.
- Luggage. H. J. Ries. 2,316,716-7; Apr. 13.
- Luggage bag. J. N. Hinson. 2,313,547; Mar. 9.
- Luggage Combination. S. S. Feinberg. 2,334,079; Nov. 9.
- Luggage construction. J. H. Plotkin. 2,317,083; Apr. 20.
- Luggage, Hand. G. H. Wheary, Jr. 2,309,029; Jan. 19.
- Luggage latch. M. L. Marsh. 2,311,298; Feb. 16.
- Lumber, Treating. G. F. Neils. 2,335,528; Nov. 30.
- Luminaire. C. A. B. Halvorsen. 2,327,186; Aug. 17.
- Luminaire. T. W. Rolph. 2,310,810; Feb. 9.
- Luminaire. T. W. Rolph. 2,318,715-16; May 11.
- Luminaire. T. W. Rolph. 2,329,557; Sept. 14.
- Luminaire. T. W. Rolph. 2,330,924; Oct. 29.
- Luminescent coating, Applying. M. E. Bell and L. J. Berberich. 2,311,513; Feb. 16.
- Luminescent composition and producing the same. M. Goodman. 2,310,424; Feb. 9.
- Luminescent lamp. H. W. Leverenz. 2,323,142; June 16.
- Luminescent lamp. H. W. Leverenz. 2,314,096; Mar. 16.
- Luminescent light source and manufacture. H. W. Leverenz. 2,310,852; Feb. 9.
- Luminescent material. C. E. Burnett. 2,323,116; June 29.
- Luminescent material. D. R. Hale. 2,314,699; Mar. 23.
- Luminescent material and preparing the same. W. F. Toorks. 2,323,284; June 29.
- Luminescent material and producing same. R. C. Hultgren and S. Ienbergh. 2,324,843; July 20.
- Luminescent product and method of producing the same. M. Goodman. 2,310,425; Feb. 9.
- Luminescent screen. H. W. Leverenz. 2,310,863; Feb. 9.
- Luminescent tube. E. C. Pitman. 2,310,866; Feb. 9.
- Luminescent tube and system. C. P. Boucher. 2,312,866; Mar. 2.
- Luminous tube sign. H. Hotchner. 2,336,788; Dec. 14.
- Lunch box. V. W. Busch. 2,333,410; Nov. 2.
- Lunch box. A. B. Christensen. 2,314,688; Mar. 23.
- Lunch kit or similar device. H. G. Mann. 2,336,363; Dec. 7.
- Lure, Automatic fishhook. E. P. Charpentier. 2,326,620; Aug. 10.
- Lure, Fish. L. R. Provost. 2,328,295; Aug. 31.
- Lure, Fish. W. L. Royston. 2,334,792; Nov. 23.
- Lure, Fish. C. Wood. 2,319,096; May 11.
- Lure, Fishing. L. D. Adam. 2,319,026; May 11.
- Lure, Luminous fish. J. V. Taylor. 2,335,322; Nov. 30.
- Lutidine compounds. G. Riethe. 2,325,880; Aug. 3.
- Luting material, Heat-conductive. W. C. Ferguson, P. Sussenbach, and C. H. Smith. 2,329,113; Sept. 7.

- Lymphocranuloma venereum antigen and preparing it. G. W. Rake, M. F. Shaffer, and C. M. McKee. 2,324,646; July 20.
- Macaroni spreader device. F. Spinozzi. 2,308,552; Jan. 19.
- Machine. F. Schanzer. 2,328,501; Aug. 31.
- Machine and apparatus for packing flour, mill feeds, and the like. A. Sowden. 2,311,706; Feb. 23.
- Machine and method for assembling shells and perforated members. L. F. Muther. 2,322,538; June 22.
- Machine and method for assembling spiral spring structures. J. A. Saval. 2,330,244; Sept. 28.
- Machine and method for forming and welding hollow glass blocks. W. S. Mayers. 2,313,160; Mar. 9.
- Machine and method for marking cast or molded articles. A. H. Fiske Jr. 2,330,274; Sept. 28.
- Machine and method for performing successive operations on materials. W. F. Newhouse. 2,315,540; Apr. 6.
- Machine and stop motion therefor. A. R. Havener. 2,336,249; Dec. 7.
- Machine-carriage reciprocating mechanism. Grinding. C. C. Alvord. 2,327,480; Aug. 24.
- Machine chain bit and holder therefor. Mining. F. L. Fulke. 2,328,134; Aug. 31.
- Machine-drive, self releasing. L. Boor and C. H. Bourdelais. 2,314,193; Mar. 16.
- Machine element. T. H. Thompson. 2,316,114; Apr. 6.
- Machine for cutting and grinding uses. J. E. Turnock and G. D. Noble. 2,325,642; Aug. 3.
- Machine for and method of bending tubing. F. M. Kepler. 2,310,091; Feb. 2.
- Machine for and method of grinding gears, splines, and similar forms. W. F. Ross. 2,307,238; Jan. 5.
- Machine for and method of relieving milling cutters. E. H. Burtes. 2,322,500; June 22.
- Machine for applying adhesive to strip materials. J. Ettl. 2,335,176; Nov. 23.
- Machine for applying dry transfers of markings. E. E. Zischind. 2,315,381; Mar. 30.
- Machine for applying hood caps. J. F. Price. 2,310,868; Feb. 9.
- Machine for applying pressure to soles and shoes. F. E. Stratton. 2,319,274; May 18.
- Machine for applying pressure to work. F. V. Hart. 2,329,197; Sept. 14.
- Machine for applying stiffening composition to shoe parts. H. C. Paulsen. 2,332,008; Oct. 19.
- Machine for applying strips of material to curved surfaces. F. L. Bradley, E. Stumpff, and W. Jawurek. 2,316,767; Apr. 20.
- Machine for arming bomb fuses. M. J. Ferrone and C. W. Burdge. 2,327,515; Aug. 24.
- Machine for assembling and charging machine-gun cartridge belts of the disintegrating type. J. W. Chambers. 2,335,646; Nov. 30.
- Machine for assembling shoe parts. H. J. Willmott. 2,307,815; Jan. 12.
- Machine for assembling storage battery plates and separators. A. D. Lund. 2,324,523; July 20.
- Machine for automatically forming projectiles. F. R. Long. 2,318,505; May 4.
- Machine for automatically producing pressure-shaped articles, more especially tapered bore rivets. R. H. Mumford. 2,308,096; Jan. 12.
- Machine for bending pipes and the like. R. Connor. 2,316,049; Apr. 6.
- Machine for bevelling oars. H. Ronquist. 2,330,384; Sept. 28.
- Machine for binding groups of unit sheets. W. G. Read. 2,338,058; Dec. 28.
- Machine for casting metal under pressure. S. Smith and W. H. Cockerill. 2,329,951; Sept. 21.
- Machine for checking quotient results. S. W. Dunwell and J. N. Wheeler. 2,310,407; Feb. 9.
- Machine for cleaning castings and the like. W. F. H. Braun. 2,330,949; Oct. 5.
- Machine for cleaning rugs, carpets, and the like. C. E. Erickson. 2,324,614; Nov. 23.
- Machine for coating absorbent surfaces. F. E. Drummond. 2,320,513; June 1.
- Machine for coating channels in shoe parts. J. R. J. Ioannilli. 2,307,793; Jan. 12.
- Machine for configuring tubing. F. M. Darner, C. L. and S. L. Dewey. 2,330,811; Oct. 5.
- Machine for cooling coated containers. J. F. Price. 2,319,474; May 18.
- Machine for covering articles. A. E. Ushakoff. 2,328,695; Sept. 7.
- Machine for cutting and folding tissue. H. Preston. 2,320,652; June 1.
- Machine for cutting and placing sheet material. F. D. Grim. 2,332,445; Oct. 19.
- Machine for cutting beans and other elongated vegetables. B. Weirauch. 2,307,721; Jan. 5.
- Machine for cutting bread. H. J. Criner. 2,327,018; Aug. 17.
- Machine for cutting flexible sheet material. A. D. Rosenfarb. 2,310,153; Feb. 2.
- Machine for cutting gear teeth. F. W. Seeck. 2,324,242; July 13.
- Machine for cutting grass, weeds, and the like. E. L. Coddington. 2,329,185; Sept. 14.
- Machine for cutting leg bands. E. J. Powell. 2,323,100; June 29.
- Machine for cutting rhombic sections from sheet piles. W. R. Fisher. 2,329,890; Sept. 21.
- Machine for cutting sheet material. E. E. Winkley. 2,319,896; May 25.
- Machine for cutting staple fibers. C. A. Castellani. 2,323,644; July 6.
- Machine for decorating coated candies. G. S. Perkins. 2,320,297; May 25.
- Machine for drilling, reaming, etc., Automatic. P. Mann. 2,312,922; Mar. 2.
- Machine for filling containers. V. G. Williams. 2,331,587; Oct. 12.
- Machine for finishing edges of underpadding. J. C. Gordon. 2,333,995; Nov. 9.
- Machine for finishing gear teeth. J. M. Christman. 2,328,783; Sept. 7.
- Machine for flanging can bodies having solderless side seams. P. E. Pearson. 2,320,049; May 25.
- Machine for flattening sheet metal articles. F. W. Houlston. 2,323,909; July 23.
- Machine for forming and affixing center spots to crown caps. P. E. Pearson. 2,309,667; Feb. 2.
- Machine for forming clips and connecting wire member together thereby. J. Jonassen. 2,329,202; Sept. 14.
- Machine for forming heel seats. E. H. Pastable. 2,320,740; Sept. 21.
- Machine for forming loops on the ends of the wires of wire-bound boxes. W. F. Newhouse and L. M. Hile. 2,324,530; July 20.
- Machine for forming wire reinforced tape. H. Dent. 2,328,429; Aug. 31.
- Machine for framing handbags. E. M. Kass. 2,333,724; Nov. 9.
- Machine for glass jars, closing and vacuumizing. G. V. Bardet. 2,334,983; Nov. 23.
- Machine for grading eggs by weight. W. C. Wyland. 2,311,722; Feb. 23.
- Machine for grinding curved surfaces. A. A. Stein. 2,320,672; June 1.
- Machine for handling strip material. J. Ettl. 2,335,177; Nov. 23.
- Machine for holding and dispensing drinking cups. L. R. Tansley. 2,315,827; Apr. 6.
- Machine for imparting agitation to commodities. H. C. Dearborn. 2,311,980; Feb. 23.
- Machine for inlaying. M. G. Sypher. 2,318,977; May 11.
- Machine for knitting hosiery blanks. A. J. Cobert. 2,330,681; Sept. 28.
- Machine for making adhesive pads. E. C. Miller. 2,320,092; May 25.
- Machine for making and packing cigarettes. D. W. Molins. 2,330,000; Sept. 21.
- Machine for making and shaping cakes. H. G. Tatossian and R. A. Yohai. 2,321,634; June 15.
- Machine for making certain rubber goods. F. J. Maywald, Jr. 2,322,766; June 20.
- Machine for making container carriers. J. B. Slevain, Jr. 2,308,394; Jan. 12.
- Machine for making container parts. J. H. Murch. 2,334,213; Nov. 16.
- Machine for making container parts. J. F. Peters. 2,337,003; Dec. 21.
- Machine for making cream filled wafers. S. S. Leaf. 2,316,259; Apr. 13.
- Machine for making glass articles. C. B. Shillinger. 2,327,673; Aug. 24.
- Machine for making hollow glass articles. E. G. Bridges. 2,307,564; Jan. 5.
- Machine for making lenses or the like. W. H. Umlandt. 2,327,228; Aug. 17.
- Machine for making lift blanks. D. F. Hyland, H. L. Brenner, J. Brenner, and E. M. Knudsen. 2,314,541; Mar. 23.
- Machine for making long playing sound records. H. P. Clausen. 2,326,332; Aug. 10.
- Machine for making price tags. T. G. Turner. 2,328,934; Sept. 7.
- Machine for making the press members or base portions of electronic tubes. W. G. and G. G. Schneider. 2,312,003; Feb. 23.
- Machine for making shoes. T. S. Newcomb. 2,331,220; Oct. 5.
- Machine for making socket pins. A. J. Kosha. 2,326,660; Aug. 10.
- Machine for making slide fasteners. F. Ulrich. 2,310,660; Feb. 9.
- Machine for making suckers. H. E. Davis and O. Werner. Re. 22,376; Sept. 14.
- Machine for making theater tickets. B. H. Freedman. 2,331,316; Oct. 12.
- Machine for making twisted paper. L. F. Barnum. 2,324,668; July 20.
- Machine for manufacturing fabricated metallic structures. R. K. Odor. 2,314,510; Mar. 23.
- Machine for manufacturing linked sausages. J. Haug. 2,325,769; Aug. 3.
- Machine for manufacturing meat balls. W. B. Felton. 2,324,202; July 13.
- Machine for marking textile and other articles. H. Richter, J. Wahlbeck, and L. S. Kleinfeld. 2,323,843; July 6.
- Machine for milling and sanding heels. J. Hoza. 2,311,904; Feb. 23.

- Machine for opening eggs and separating the contents. L. M. Sigler. 2,314,741; Mar. 23.
- Machine for operating on shoes. C. G. Brostrom. 2,323,973; July 13.
- Machine for operating on the side edges of sheet metal stock. C. M. Yoder. 2,318,732; May 11.
- Machine for operating on standard nut blanks. E. J. Cole. 2,337,371; Dec. 21.
- Machine for operating upon insoles. N. A. Monfils. 2,309,201; Jan. 26.
- Machine for operating upon shoes. H. F. Smith. 2,323,942; July 13.
- Machine for operating upon work. A. R. Schoenky. 2,315,548; Apr. 6.
- Machine for packing buns and the like in cartons. C. C. Johnsen. 2,307,510; Jan. 5.
- Machine for piercing tubes. G. M. Hartsock and H. S. Rounds. 2,326,536; Aug. 10.
- Machine for plating. E. L. Benedict. 2,314,757; Mar. 23.
- Machine for playing bridge. J. J. Hickey. 2,334,094; Nov. 9.
- Machine for playing games. J. J. Hickey. 2,334,092; Nov. 9.
- Machine for playing solitaire. J. J. Hickey. 2,334,093; Nov. 9.
- Machine for pressing gloves. T. G. Boldizzoni. 2,324,673; July 20.
- Machine for pressing sleeved articles in one lay. P. N. Braun. 2,327,492; Aug. 24.
- Machine for pressing the bottoms of shoes. L. G. Miller. 2,328,572; Sept. 7.
- Machine for pressure casting of materials. P. R. Bradley. 2,318,366; May 4.
- Machine for processing food products. H. L. Griffin, A. R. Robb, R. W. Titus and H. T. Gebhardt. 2,330,967; Oct. 5.
- Machine for processing light sensitive sheets. H. H. Sullivan. 2,330,396; Sept. 28.
- Machine for producing cellulose sheets and the like. E. Wapke. 2,313,125; Mar. 9.
- Machine for profiling masses of material, Method and. W. H. Bailey. 2,317,244; Apr. 20.
- Machine for purifying liquids. A. E. Flowers. 2,313,541; Mar. 9.
- Machine for purifying liquids. S. H. Hall. 2,313,540; Mar. 9.
- Machine for reconditioning bowling pins. H. F. Phillips. 2,309,532; Jan. 26.
- Machine for recording characters. H. Bastow. 2,334,693; Nov. 23.
- Machine for reinforcing insoles. N. E. Mariner. 2,335,289; Nov. 30.
- Machine for removing husks and silks from corn. I. E. Borchers. 2,328,607; Sept. 7.
- Machine for removing snow. T. F. Lewis. 2,307,412; Jan. 5.
- Machine for reshaping bottle caps. S. E. Berry. 2,329,325; Sept. 14.
- Machine for rifling guns. V. Bush. 2,319,206; May 18.
- Machine for rolling steel billets into merchant bars. J. B. Shaw. 2,330,523; Sept. 28.
- Machine for sealing receptacles. H. C. Harrison and J. B. Little. 2,326,296; Aug. 10.
- Machine for setting or driving rivets and the like. W. C. Dent. 2,323,015-7; June 29.
- Machine for setting the shape of textile articles. T. W. Prosser, J. H. Wahlbeck, L. H. Oswald, and L. S. Kleinfeld. 2,309,659; Feb. 2.
- Machine for severing rubber. R. R. Campbell. 2,323,975; July 13.
- Machine for shaping plastic materials. J. Dichter. 2,307,114; Jan. 5.
- Machine for shaping shoe parts. E. N. Preble. 2,323,933; July 13.
- Machine for shaping shoe uppers over lasts. C. W. Baker. 2,326,193; Aug. 10.
- Machine for shaping uppers over lasts. C. W. Baker. 2,327,392; Aug. 24.
- Machine for sharpening handsaws. B. G. Daggett. 2,333,298; Nov. 2.
- Machine for sharpening lawn mowers. J. P. Maynard and G. A. Mattson, Jr. 2,314,945; Mar. 30.
- Machine for shrinking and felting hat bats. H. A. Genest. 2,325,909; Aug. 3.
- Machine for sizing bearings. W. J. Fiegl. 2,327,598; Aug. 24.
- Machine for slicing vegetables. R. W. Lundquist. 2,331,406; Oct. 12.
- Machine for stretching metals. N. C. Lake. 2,315,971; Apr. 6.
- Machine for stripping rubber from tread links or the like. C. O. Dohrenwend. 2,327,027; Aug. 17.
- Machine for supplying inserts to packages. R. C. Talbot and F. L. Bever. 2,322,175; June 15.
- Machine for the assembling of freshly prepared food. F. H. Russell. 2,315,659; Apr. 6.
- Machine for the automatic production of wire tyings for packets. G. Schmidt. 2,330,629; Sept. 28.
- Machine for the manufacture of expanded metal. B. T. Zellard. 2,322,204; June 22.
- Machine for the production of bags and the like. P. Becker. 2,307,907; Jan. 12.
- Machine for treating cigarettes. W. Shand. 2,322,747; June 29.
- Machine for treating egg whites, etc. J. M. Hansen. 2,330,422; Sept. 28.
- Machine for treating furs. S. Deutscher. 2,314,971; Mar. 30.
- Machine for treating hides and skins. W. M. Cutler. 2,330,271; Sept. 28.
- Machine for treating plants. E. H. Segars. 2,311,782; Feb. 23.
- Machine for treating plants in rows with insecticide. W. H. C. Ness and J. F. Holmes. 2,330,003; Aug. 21.
- Machine for treating the edges of casings. J. W. Wilkinson. 2,312,225; Feb. 23.
- Machine for typewriting. E. L. Wise. 2,325,893; Aug. 3.
- Machine for uniting layers of material. D. J. Ajouelo and J. L. Moore. 2,315,382; Mar. 30.
- Machine for use in shoemaking. G. A. Sweet. 2,307,169; Jan. 5.
- Machine for use in the manufacture of shoes. B. Jorgensen. 2,324,509; July 20.
- Machine for use in the manufacture of shoes. R. H. Lawson. 2,332,651; Oct. 26.
- Machine for use in the manufacture of shoes. A. R. Morrill. 2,323,346; July 6.
- Machine for vacuuming, gassing, and hand-sealing filled containers. G. F. Jackson. 2,327,430; Aug. 24.
- Machine for viewing, cutting, and segregating photographic film. C. B. Bogue. 2,313,860; Mar. 16.
- Machine for washing and steaming edible nuts. L. J. Meyer. 2,330,605; Sept. 28.
- Machine for washing clothes. P. E. Geldhof. 2,312,541; Mar. 2.
- Machine for washing food products. W. H. Curtis. 2,333,707; Nov. 9.
- Machine for welding keys to cam ends. R. M. Mero. 2,338,002; Dec. 28.
- Machine for winding and packaging skells. E. K. Standish. 2,331,004; Oct. 5.
- Machine for winding coils and method of winding coils. W. Schults and A. G. Stainmayer. 2,334,131; Nov. 9.
- Machine for winding strips of material. H. Cave. 8,329,434; Sept. 14.
- Machine funnel, Coffee can filling. V. J. Ruggiero. 2,324,597; July 20.
- Machine gun. W. A. Plourde. 2,312,586; Mar. 2.
- Machine gun, Pneumatic amusement. C. A. Feltman. 2,312,244; Feb. 23.
- Machine gun supporting device. J. C. Trotter. 2,334,152; Nov. 9.
- Machine ironing shirts, Completely. C. P. Downer and H. G. Cooper. 2,325,907; Aug. 3.
- Machine or bomb, Rapid firing. A. J. Guthrie. 2,320,926; June 1.
- Machine part subjected to sliding stress. F. W. Siebel. 2,330,635; Sept. 28.
- Machine providing facilities for batting baseballs and driving golfballs. J. H. Harlow. 2,315,257; Mar. 30.
- Machine shop tool. J. Vervueren. 2,308,407; Jan. 12.
- Machine to produce spiral grooves. A. Rickenmann. 2,330,921; Oct. 5.
- Machine tool. M. S. Curtis. 2,317,522; Apr. 27.
- Machine tool. M. S. Curtis. 2,334,544; Nov. 16.
- Machine tool. K. J. Eberhardt. 2,317,264; Apr. 20.
- Machine tool. G. Gorton. 2,320,776; June 1.
- Machine tool. B. and T. Grob. 2,322,684; June 22.
- Machine tool. G. B. Hirsch. 2,327,109; Aug. 17.
- Machine tool. J. R. Johnson. 2,307,223; Jan. 5.
- Machine tool. E. E. Kelley. 2,321,393; June 8.
- Machine tool. E. E. Kelley. 2,323,663; July 6.
- Machine tool. R. L. Kuehn. 2,313,558; Mar. 9.
- Machine tool. R. L. Kuehn. 2,315,899; Apr. 6.
- Machine tool. R. L. Kuehn. 2,322,525; June 22.
- Machine tool. R. L. Kuehn. 2,326,467; Aug. 10.
- Machine tool. R. L. Kuehn. 2,326,541; Aug. 10.
- Machine tool. M. F. Lange. 2,331,704; Oct. 12.
- Machine tool. G. N. Levesque. 2,307,282; Jan. 5.
- Machine tool. M. I. Mathewson. 2,308,531; Jan. 19.
- Machine tool. M. A. Mathys. 2,310,977; Feb. 16.
- Machine tool. K. F. Moller. 2,323,834; July 6.
- Machine tool. H. N. Seyferth. 2,317,226; Apr. 20.
- Machine tool. W. Snyder. 2,315,877; Aug. 6.
- Machine tool. H. N. Stephan. 2,310,875; Feb. 9.
- Machine tool. D. D. Wallace. 2,334,231; Nov. 16.
- Machine tool. R. M. Woytych. 2,325,294; July 27.
- Machine tool attachment. C. M. Conradson. 2,323,010; June 29.
- Machine tool coolant system. W. F. Groene and H. J. Sielmann. 2,326,638; Aug. 10.
- Machine tool feed, Hydropneumatic. R. Rodal. 2,326,498; Aug. 10.
- Machine tool transmission and control mechanism. F. A. Parsons. 2,335,305; Nov. 30.
- Machinery for clearing or excavating ditches, Means or. D. R. Bomford. 2,314,763; Mar. 23.
- Machinery key. R. T. Olson. 2,336,285; Dec. 7.
- Miner's indicator. F. A. Reinhard. 2,308,207; Jan. 12.
- Magazine, Blade. H. W. Bryan. 2,326,202; Aug. 10.
- Magazine, Blade. N. Testi. 2,330,252; Sept. 28.
- Magazine closure for stapling machines. E. Krantz. 2,310,529; Feb. 9.
- Magazine ejector for cameras. T. S. Briskin and P. F. Sperry. 2,332,693; Oct. 26.

- Magazine exchanging device for typographic machines. L. R. W. Willis. 2,333,610; Nov. 2.
- Magazine film. J. Balsey. 2,319,530; May 18.
- Magazine for automatic guns. T. E. Horncastle. 2,321,142; June 8.
- Magazine for fastener-applying instruments. A. H. Meynard. 2,309,770; Feb. 2.
- Magazine for firearms. O. P. Van Horn, K. W. Kinney and E. W. Mettlohn. 2,311,497; Feb. 16.
- Magazine for firearms. J. R. Whittaker. 2,321,720; June 15.
- Magazine for safety razor blades. N. Testi. 2,312,453; Mar. 2.
- Magazine for safety razors. J. Muros. 2,309,780; Feb. 4.
- Magazine frame. F. G. Accomb. 2,332,545; Oct. 26.
- Magazine loaded with different sorts of films. P. Frost. 2,320,722; June 1.
- Magazine of the like. G. Heller. 2,314,083; Mar. 16.
- Magazine, Razor blade, S. H. Benjamin. 2,330,861; Oct. 5.
- Magazines, Producing. G. Heller. 2,314,087; Mar. 16.
- Magical apparatus. E. M. Massey. 2,307,528; Jan. 5.
- Magnesia ceramics, Making. J. A. Heany. 2,313,746; Mar. 16.
- Magnesite for furnace linings. R. E. Birch and C. L. Thompson. 2,332,274; June 22.
- Magnesium and its alloys from corrosion, Protecting. W. S. Loose. 2,313,754; Mar. 16.
- Magnesium and its alloys, Producing protective coatings. W. S. Loose. 2,313,755; Mar. 16.
- Magnesium and its alloys, Treating. H. K. De Long. 2,322,265; June 22.
- Magnesium and its alloys, Treating. W. S. Loose. 2,313,753; Mar. 16.
- Magnesium and magnesium alloy scrap, Briquetting. M. Stern. 2,332,277; Oct. 19.
- Magnesium base alloy. R. S. Dean and C. T. Anderson. 2,317,980; May 4.
- Magnesium base alloy. C. E. Topping. 2,314,024; Mar. 16.
- Magnesium, Casting. W. R. Cuple and R. I. Thrane. 2,330,111; Sept. 21.
- Magnesium cement article and making the same. E. Sands. 2,321,522; June 8.
- Magnesium from fluxes, Recovery of. W. C. Newhams. 2,330,137; Sept. 21.
- Magnesium from halide fluxes, Recovery of. W. C. Newhams and C. E. Nelson. 2,327,153; Aug. 17.
- Magnesium metal, Apparatus and method for manufacture of. G. H. Gloss. 2,337,042; Dec. 21.
- Magnesium metal, Producing. H. A. Doerner. 2,328,202; Aug. 31.
- Magnesium, Method and apparatus for producing. L. M. Pidgeon. 2,330,143; Sept. 21.
- Magnesium, Method of and bath for coating. R. W. Buzzard. 2,314,341; Mar. 23.
- Magnesium oxide hot process for silica removal from water. C. A. Noll and J. J. Maguire. 2,307,466; Jan. 5.
- Magnesium oxide, Making heavy. W. H. MacIntire. 2,328,286; Aug. 31.
- Magnesium purification. R. H. McCarroll, F. G. Shaub, and J. S. Laird. 2,330,724; Sept. 28.
- Magnesium, Production of metallic. J. D. Hanawalt and J. S. Peake. 2,308,418; Jan. 12.
- Magnesium scrap, Recovering. V. E. Shulenburg. 2,308,938; Jan. 19.
- Magnet blowout for electric switches, Permanent. K. Heinrich. 2,332,446; Oct. 19.
- Magnet casting. M. P. Christensen. 2,325,832; Aug. 3.
- Magnet chuck, Permanent. F. L. Simmons. 2,319,270; May 18.
- Magnet structures, Producing. A. J. McMaster. 2,302,632; June 1.
- Magnet system. W. Ewald, P. Paschen, and J. Uffinger. 2,307,205; Jan. 5.
- Magnetic and electrical anisotropy of formation core samples. Determination of. L. Dillon. 2,334,393; Nov. 16.
- Magnetic apparatus. E. C. Neal. 2,323,837; July 6.
- Magnetic apparatus for removing tramp iron. C. A. Rietz. 2,330,995; Oct. 5.
- Magnetic bucket and conveying material. H. W. Kelly. 2,310,241; Feb. 9.
- Magnetic circuit comprising a laminated coiled core. J. Kuperus. 2,332,922; Oct. 26.
- Magnetic coil structure. W. A. Knoop. 2,314,409; Mar. 23.
- Magnetic contact. A. H. Lamb. 2,324,262; July 13.
- Magnetic contactor. W. I. Bendz. 2,310,056; Feb. 2.
- Magnetic core. E. G. Walters. 2,310,820; Feb. 9.
- Magnetic cores, Making. J. C. Granfield. 2,330,824; Oct. 5.
- Magnetic device for the purification of fluids. G. Girard. 2,329,893; Sept. 21.
- Magnetic dial. G. A. Head. 2,319,321; May 18.
- Magnetic field responsive device. D. W. Moore, Jr. 2,331,617; Oct. 12.
- Magnetic filter. M. Kiek and J. Aninga. 2,317,774; Apr. 27.
- Magnetic indicator. E. J. Martin. 2,311,952; Feb. 23.
- Magnetic magnesium, Manufacturing. F. J. Hansgirk. 2,323,597; July 6.
- Magnetic material. E. A. Nesbitt. 2,317,294; Apr. 20.
- Magnetic material, Producing. G. H. Cole, R. L. Davidson, and V. W. Carpenter. 2,307,391; Jan. 5.
- Magnetic materials, Manufacturing. J. L. Snook. 2,323,944; July 13.
- Magnetic oil cleaner. J. T. Radke. 2,307,954; Jan. 12.
- Magnetic permeability indicator. W. A. Bruce. 2,318,666; May 11.
- Magnetic permeability indicator. B. W. Sewell. 2,318,720; May 11.
- Magnetic recording and reproducing apparatus for use with steel bands, wires, or the like. F. E. Fischer. 2,325,844; Aug. 3.
- Magnetic recording machine. H. S. Heller. 2,335,277; Nov. 30.
- Magnetic repeater or compass. P. A. Noxon. 2,308,566; Jan. 19.
- Magnetic separator. S. G. Frantz. 2,331,769; Oct. 12.
- Magnetic separator. R. H. Stearns. 2,326,675; Aug. 10.
- Magnetic surveying apparatus. E. P. Harrison. 2,335,117; Nov. 23.
- Magnetic suspension. H. T. Faus. 2,315,408; Mar. 30.
- Magnetic suspension. A. Hansen, Jr. 2,311,382; Feb. 16.
- Magnetic switch. H. Hubbell. 2,323,910; July 13.
- Magnetic valve for organs, Multiple. W. H. Reisner. 2,335,311; Nov. 30.
- Magnetically controlled valve. B. W. Mantle. 2,335,350; Nov. 30.
- Magneto. W. D. Crocker. 2,308,973; Jan. 19.
- Magneto. H. Ruppe. 2,322,973; June 29.
- Magneto construction. E. B. Nowosielski. 2,315,902; Apr. 6.
- Magneto construction. E. B. Nowosielski. 2,321,506; June 8.
- Magneto ignition. A. Alessandri. 2,322,994; June 29.
- Magneto, Multilylinder. W. E. Schwarzmann, P. S. Coe, and L. W. Rosenthal. 2,312,447; Mar. 2.
- Magneto. Multiple field magnet ignition. J. Bernard. 2,323,412; Aug. 31.
- Magnetoelectric shocking machine. J. Trotta. 2,336,426; Dec. 7.
- Magnetoestriction measuring apparatus. A. W. Everest. 2,312,888; Mar. 2.
- Magnitude of strains in rigid articles, Determining the. C. Ellis. 2,310,845; Feb. 9.
- Mailbox. F. A. Qualls. 2,334,047; Nov. 16.
- Mail car. R. Boyd. 2,322,111; June 16.
- Mail holder, Portable. J. K. Burchell and J. A. Weiss. 2,310,935; Feb. 9.
- Mailing machine. G. E. Stilwell. 2,321,165; June 8.
- Mailing machine, Coin controlled. L. A. Thatcher. 2,329,306; Sept. 14.
- Mailing piece. E. B. Berkowitz. 2,316,757; Apr. 20.
- Mailing piece. W. A. Holmstrom. 2,324,777; July 20.
- Maintainer, Road. M. F. Allen. 2,325,025; July 27.
- Maintaining the original characteristics of substances. M. L. Staples. 2,323,102; June 29.
- Make-up cabinet. R. Woodall. 2,308,139; Jan. 12.
- Make-up device, Tubing. D. W. Auld and O. B. Anderson. 2,332,685; Oct. 26.
- Maleic anhydride purification. J. H. Crowell. 2,308,588; Jan. 19.
- Malleable cast iron. N. A. Ziegler and H. W. Northrup. 2,310,666-7; Feb. 9.
- Mallet. C. J. Koster. 2,332,384; Oct. 19.
- Maltose and galactose fermentations. A. S. Schultz, L. Atkin, and C. N. Frey. 2,311,418; Feb. 16.
- Management instrument for business. A. F. Schumann and A. Schwarz. 2,309,675; Feb. 2.
- Mandrel drive apparatus. W. P. Stuckert and H. H. Snyder. 2,329,164; Sept. 7.
- Mandrel, Collapsible. L. W. Nash and G. A. Martin. 2,335,602; Nov. 30.
- Mandrel for coil holders, reels or the like, Expanding and contracting. W. O. Jones. 2,321,146; June 8.
- Mandrel for honing machines. C. F. Staples. 2,336,043; Dec. 7.
- Mandrel, Hydrostatic. C. M. Conradson. 2,318,838; May 11.
- Mandrel or core for driving molds for concrete piles, Collapsible. W. H. Cobl. 2,313,625; Mar. 9.
- Manganese alloys. R. S. Dean. 2,325,044; July 27.
- Manganese-base alloy. R. S. Dean and C. T. Anderson. 2,317,979; May 4.
- Manganese electrolyte purification. K. M. Leute. 2,334,210; Nov. 16.
- Manganese electrolyte solutions, Purification of. P. M. Ambrose. 2,316,750; Apr. 20.
- Manganese from ore, Recovering. E. Riveroll. 2,310,258; Feb. 9.
- Manganese steels, Welding. R. L. Morrison. 2,329,410; Sept. 14.
- Manger. C. C. Callis. 2,310,200; Feb. 9.
- Manhole cover. H. Wirz, Jr. 2,323,886; July 13.
- Manhole, Quick-opening. H. H. Gary. 2,318,151; May 4.
- Manicuring attachment for pencils and the like. L. P. Creasy. 2,336,779; Dec. 14.
- Manicuring device. R. R. Hawkins. 2,337,388; Dec. 21.
- Manifold. B. Beard. 2,323,442; July 6.
- Manifold, Engine. A. R. Blood. 2,331,885; Oct. 19.
- Manifold, Pressure fluid. E. Martin. 2,332,244; Oct. 19.
- Manifolding assembly. J. G. Kerr. 2,327,719; Aug. 24.

- Manufacturing device. A. Hediger. 2,330,886; Oct. 5.
 Manufacturing ensemble. E. C. Klumpp. 2,330,126; Sept. 21.
 Manufacturing means. D. E. Kressler. 2,322,030; June 15.
 Manufacturing packet. F. B. Smith. 2,318,892; May 11.
 Manufacturing register and method. W. G. Borchers. 2,319,184; May 11.
 Manipulator. E. E. Brosius. 2,314,686; Mar. 23.
 Manometer. A. A. Heiduk. 2,335,671; Nov. 30.
 Mantle support. H. Kinnman. 2,311,253; Feb. 16.
 Manual change-over regulator. K. R. D. Wolfe. 2,334,977; Nov. 23.
 Manual means for propelling lifeboats. J. A. Paul. 2,308,101; Jan. 12.
 Manual reset valve. E. Paille. 2,309,709; Feb. 2.
 Manual reset valve. E. Paille. 2,332,108; Oct. 19.
 Manually operated propelling means for boats and the like. H. M. Hall. 2,335,211; Nov. 23.
 Manually operated screw machine. D. I. Wilson and J. W. Quinn. 2,319,963; May 25.
 Manufacture and use of new organic compounds. H. Dreyfus. 2,333,159; Nov. 2.
 Manufacture of collars and the like. S. L. Cluett and G. A. Schreiner. 2,319,210-11; May 18.
 Manufacture of heat sealed bags. T. M. Avery. 2,320,326; May 25.
 Manufacture of high test bleach. F. C. Mericola and H. F. Roderick. 2,320,635; June 1.
 Manufacture of tartar emetic employing antimony metal. N. A. Davies. 2,335,585; Nov. 30.
 Manufacture of zinc oxide. H. M. Cyr. 2,331,509; Oct. 12.
 Manufacturing animal feed compositions. M. Shold. 2,328,884; Sept. 7.
 Manufacturing wire rope and the like. E. J. Reardon. 2,319,827; May 25.
 Manure loader. R. C. Larsen. 2,311,671; Feb. 23.
 Manway system for multiple-plate columns. E. L. McCarthy. 2,332,243; Oct. 19.
 Map and making same. Contour. H. L. Cooke and G. P. Harnwell. 2,309,627; Feb. 2.
 Map or chart holder. Selective. W. H. Miller. 2,336,496; Dec. 14.
 Map, plan and chart. Folded. C. G. Higgins. 2,333,569; Nov. 2.
 Map plotting device. B. B. Talley. 2,333,129; Nov. 2.
 Map with position indicating means. Continuously oriented. I. E. Elm. 2,311,650; Feb. 23.
 Mapping machine. R. C. Holmes and I. Sarokin. 2,337,044; Dec. 21.
 Maps. Method and apparatus for producing. H. L. Cooke. 2,309,752; Feb. 2.
 Marmes. S. Brind. 2,318,460; May 4.
 Marcellizing plastic compositions. Method and apparatus for. G. H. Alvey and F. Hubert, Jr. 2,314,062; Mar. 16.
 Margarine and cooking fats. Manufacture of. J. E. Green. 2,325,393; July 27.
 Margin stop means for duplicating machines. Front. M. P. Neal. 2,313,163; Mar. 9.
 Marine boiler regulator. W. E. Proctor. 2,326,560; Aug. 10.
 Marine bulk-cargo unloading boom. C. M. Rudow. 2,309,715; Feb. 2.
 Marine foundation. H. E. Gross. 2,326,353; Aug. 10.
 Marine foundation. Portable. H. E. Gross. 2,318,685; May 11.
 Marine ignitron. D. E. Marshall. 2,308,378; Jan. 12.
 Marine life belt. H. Rekersdreg. 2,309,256; Jan. 26.
 Marine mine destroyer. H. J. Ganis. 2,314,781; Mar. 23.
 Marine propulsion. A. Rietzke. 2,314,370; Mar. 23.
 Marine propulsion attachment. H. H. West. 2,336,906; Dec. 14.
 Marine shock absorber. W. Waller, Jr. 2,337,787; Dec. 28.
 Marine torpedo. W. J. Murray. 2,335,527; Nov. 30.
 Marine transmission. A. B. Schultz and T. R. Bush. 2,321,255; June 8.
 Marine vessel. R. W. Davis. 2,321,133; June 8.
 Marker. W. R. Fowler, Jr. 2,323,653; July 6.
 Marker and method. G. Rodli and L. Shuger. 2,330,843; Oct. 5.
 Marker, Cattle. W. F. Schacht. 2,327,823-4; Aug. 24.
 Marker for aircraft landing stations. E. D. Waters. 2,330,096; Sept. 21.
 Marker for cylindrical work. J. W. MacAnlis. 2,328,954; Aug. 17.
 Marker for grass badminton courts. Boundary line. R. D. Michael. 2,311,243; Feb. 16.
 Marker. Garden. G. Enk. 2,333,302; Nov. 2.
 Marker. Grave. J. P. Harner. 2,332,217; Oct. 19.
 Marker. Hat. J. K. Akana. 2,337,023; Dec. 21.
 Marker. Highway. G. R. Abbott. 2,327,792; Dec. 28.
 Marker. Highway. C. T. Russ. 2,329,171; Sept. 7.
 Marker. Linoleum. B. J. Brown. 2,322,277; June 22.
 Marker. Luminous. J. E. Paul. 2,324,532; July 20.
 Marker. Luminous. C. B. Lee and C. W. Wallhausen. 2,324,521; July 20.
 Marker mechanism. E. Rusco. 2,331,730; Oct. 12.
 Marker. Safety. C. D. Scanlon. 2,333,273; Nov. 2.
 Marker. Property. E. A. Markham. 2,315,158; Mar. 30.
 Marker. Road. J. C. Haggart, Jr. 2,317,684; Apr. 27.
 Marker. Skirt. W. H. Collins. 2,319,722; May 18.
 Marker, Stake plant. C. R. Palmer. 2,320,080; Sept. 21.
 Marker, Tape. W. B. Wait. 2,316,906; Apr. 20.
 Marker, Traffic. R. Foster and J. F. Shafer. 2,321,476; June 8.
 Marker, Vitrified traffic. D. R. Sever and D. J. Renkert. 2,313,673; Mar. 9.
 Marking. T. Barish. 2,326,604; Aug. 10.
 Marking and combined marking and spreading machine. E. F. Hansen. 2,326,459; Aug. 10.
 Marking and measuring device. Seam. W. Van Triest. 2,312,136; Feb. 23.
 Marking composition. W. K. Schneider and G. W. Seagren. 2,318,803; May 11.
 Marking device. G. B. Cathey. 2,312,625; Mar. 2.
 Marking device. W. M. Davis. 2,323,649; July 6.
 Marking device. S. A. Hammett. 2,333,716; Nov. 9.
 Marking device. A. C. Kendig. 2,338,039; Dec. 28.
 Marking device. R. G. Piety. 2,337,269; Dec. 21.
 Marking device. P. Sussman and S. D. Barlow. 2,333,451; Nov. 2.
 Marking device for bags. H. Kluger. 2,318,234; May 4.
 Marking device. Fountain type. J. W. Wirfel. 2,316,040; Apr. 6.
 Marking gauge. E. J. Roos. 2,328,678; Sept. 7.
 Marking machine. T. Barish. 2,326,603; Aug. 10.
 Marking machine. M. D. Kennedy and R. Sias. 2,329,842; Sept. 21.
 Marking machine. C. F. Robbins and D. F. Putnam. 2,308,107; Jan. 12.
 Marking machine. C. F. Robbins and D. F. Putnam. 2,312,053; Feb. 23.
 Marking machine. C. F. Robbins and D. F. Putnam. 2,317,940; Apr. 27.
 Marking machine. C. D. Tilton. 2,329,493; Sept. 14.
 Marking machine. J. Weimont. 2,336,709; Dec. 14.
 Marking tag. S. E. Van Tuyl. 2,331,250; Oct. 5.
 Marksman's map inpection attachment for firearms. P. Minghetti. 2,331,616; Oct. 12.
 Mask. See—
 Color correction mask.
 Mask. Aviation. W. M. Boothby and A. H. Bulbulian. 2,336,979; Dec. 14.
 Mask. J. A. Heldbrink. 2,317,608; Apr. 27.
 Mask adapted for use at high altitudes. A. H. Bulbulian. 2,327,995; Aug. 31.
 Mask. Air. W. D. Sullivan. 2,333,054; Oct. 26.
 Mask. Aviation. A. H. Bulbulian. 2,323,198; June 29.
 Mask. Color correction. W. T. Hanson, Jr. 2,336,243; Dec. 7.
 Mask for aviation or clinical purposes. A. W. Bulbulian. 2,323,199; June 29.
 Mask for dimming light sources. F. G. Richards. 2,332,470; Oct. 19.
 Mask. Gas. S. Daly. 2,337,232; Dec. 21.
 Mask. Gas. M. Nathanson. 2,332,662; Oct. 26.
 Mask. Golf player's. J. E. Nero. 2,330,442; Sept. 28.
 Mask or helmet. Welder's. E. S. Hebel. 2,337,359; Dec. 21.
 Mask. Oxygen supplying inhalation. A. H. Bulbulian. 2,329,154; Sept. 7.
 Mask. Swimmer's. C. H. Wilen. 2,317,237; Apr. 20.
 Masking structure for bowling alleys. E. J. Cloutier. 2,330,268; Sept. 28.
 Masks. Manufacturing gas. S. Melup. 2,330,073; Sept. 21.
 Masonry chipping machine. T. H. Larsen. 2,317,148; Apr. 20.
 Masonry drill. R. H. Quillin. 2,318,631; May 11.
 Mass centering machine. F. W. Haeger. 2,315,998; Apr. 6.
 Massaging apparatus. B. P. London. 2,328,156; Aug. 31.
 Massaging apparatus. J. G. Miller. 2,310,106; Feb. 2.
 Massaging appliance. E. H. Tjomsland. 2,324,337; July 13.
 Massaging device. M. M. Morrison. 2,310,804; Feb. 9.
 Mast. Adjustable. G. O. Benson. 2,327,990; Aug. 31.
 Mast. Oil well servicing. J. H. Wilson. 2,336,432; Dec. 7.
 Mast pole derrick. J. H. Wilson. 2,316,304; Apr. 13.
 Mast structure. H. J. Woollsey, E. A. Campbell, and C. Jenkins. 2,332,479; Oct. 19.
 Mast structure. Portable foldable. K. W. Couse. 2,335,584; Nov. 30.
 Master switch and control system combination. B. E. McArthur and A. H. Myles. 2,325,413; July 27.
 Master tube for shipping and dispensing ice-cream cones from individual enclosed tubes. Sanitary. G. G. Buttermann. 2,328,615; Sept. 7.
 Mastic composition and preparing same. P. V. McKinney and M. G. Mayberry. 2,316,964; Apr. 20.
 Mastic composition for flooring. etc. F. P. Jaros. 2,322,641; June 22.
 Mat. J. A. Rodriguez. 2,320,052; May 25.
 Mat. Antislip. J. R. Denman. 2,327,624; Aug. 24.
 Mat. Door. J. J. Connor. 2,308,587; Jan. 19.
 Mat. Field. O. F. Arthur. 2,315,180; Mar. 30.
 Mat for landing fields. Surfacing. A. R. Hendry. 2,327,640; Aug. 24.
 Mat. Portable. W. O. Aldrich. 2,313,211; Mar. 9.
 Match and cigarette holder. H. J. Shaw. 2,316,295; Apr. 13.
 Match book. C. E. Anderson. 2,334,373; Nov. 16.
 Match book. W. W. Carter. 2,318,289; May 4.
 Match book. J. E. Knopp. 2,320,781; June 1.

- Match-book construction. J. R. Hartman. 2,308,509; Jan. 19.
- Match book holder. B. L. Brooks. 2,324,276; July 13.
- Match book holder. H. Cohen. 2,327,999; Aug. 31.
- Match book holder. A. E. Malmer. 2,336,945; Dec. 14.
- Match book, Self-closing. J. M. Dirlenzo. 2,313,629; Mar. 9.
- Match pack. D. H. Warner. 2,311,793-4; Feb. 23.
- Match pack. Safety. W. N. Musson. 2,311,072; Feb. 16.
- Match package. J. de Gnahl. 2,310,219; Feb. 9.
- Match packet. A. F. Hodges. 2,318,942; May 11.
- Match packet and making the same. J. R. Nolan. 2,331,495; Oct. 12.
- Matches and toothpicks. Combination of book. G. Maresca and G. Pannone. 2,315,438; Mar. 30.
- Material and resulting products. Treating a humous. E. F. Grother. 2,317,990; May 4.
- Material and snow mover. J. Leunis. 2,336,553; Dec. 14.
- Material. Applying luminescent. T. M. Cortese. 2,318,000; May 4.
- Material. Bronzing. C. S. Fleming. 2,312,088; Feb. 23.
- Material collecting and loading apparatus. T. K. and T. Andersen. 2,316,760; Apr. 20.
- Material collecting and loading apparatus. J. B. Woodbury. 2,307,717; Jan. 5.
- Material. Depilating. G. Anson. 2,331,365; Oct. 12.
- Material. Determining the porosity of. B. W. Nordlander. 2,310,111; Feb. 2.
- Material. Dim-out. H. C. Van Brederode. 2,313,904; Mar. 16.
- Material disposal apparatus. S. M. Gooder. 2,318,151; May 4.
- Material. Distributing apparatus. J. N. Selvig. 2,336,574; Dec. 14.
- Material distributing device. R. Gaddis. 2,317,853; Apr. 27.
- Material distributor. A. Wilson. 2,307,313; Jan. 5.
- Material. Dyeing mixed fibrous. J. Nusslein and C. E. Muller. 2,325,972; Aug. 3.
- Material, especially building material, and making same. Heat resistant. V. M. Goldschmidt and K. J. Stenile. 2,315,193; Mar. 30.
- Material feeding apparatus. W. C. Stripe. 2,337,945; Dec. 28.
- Material feeding device. F. Martindell. 2,318,508; May 4.
- Material. Flocked. A. Leavy and J. Ippolito. 2,310,965; Feb. 16.
- Material for coating metal surfaces with water insoluble metallic phosphates. Method of and. G. C. Romig. 2,318,810; Apr. 20.
- Material for construction of artificial dentures and producing the same. L. Underdahl. 2,310,132; Feb. 2.
- Material for metals. Rust proofing. J. G. Ford. 2,320,921; June 1.
- Material for removing carbon dioxide from water. Preparing a calcined non-slaking dolomitic. F. Tschirner. 2,317,961; Apr. 27.
- Material for shoe stiffeners. H. Boeddinghaus. Re. 2,320,230; May 25.
- Material for the production of multicolor photographs. B. Gaspár. 2,310,227; Feb. 9.
- Material for wrapping pipes and for covering metallic surfaces. A. H. Reynolds. 2,311,572; Feb. 16.
- Material for wrapping pipes and for covering metallic surfaces. R. A. Shoan. 2,311,573; Feb. 16.
- Material forming apparatus. B. Edelman. 2,329,256; Sept. 14.
- Material gathering and loading machine. F. Cartledge. 2,334,605; Nov. 16.
- Material handling and loading apparatus. J. Kuchar. 2,323,404; July 6.
- Material handling and weighing machine. L. J. Nowak. Jr. 2,310,988; Feb. 16.
- Material handling apparatus. E. A. Drott. 2,332,561; Oct. 26.
- Material handling apparatus. E. A. Drott and J. H. Surber. 2,326,338; Aug. 10.
- Material handling apparatus. E. R. Franz. 2,337,383; Dec. 21.
- Material handling apparatus. J. H. Lienau and J. J. Newman. 2,331,613; Oct. 12.
- Material handling apparatus. O. G. Nelson and J. A. Wagner. 2,329,100; Sept. 7.
- Material handling apparatus. A. C. Nystrom and L. O. Reichelt. 2,332,005; Oct. 19.
- Material handling apparatus. A. A. Saul. 2,309,671; Feb. 2.
- Material handling apparatus. A. C. Smith. 2,334,223; Nov. 16.
- Material handling device. V. G. Ellen. 2,312,806; Mar. 2.
- Material handling device. A. G. Hazen. 2,319,456; May 18.
- Material handling device. D. S. Mackie. 2,323,551; July 6.
- Material handling device. H. Sahlin. 2,320,659; June 1.
- Material handling device. L. J. Valusek. 2,321,266; June 8.
- Material handling machine. W. H. Bosworth. 2,332,839; Oct. 26.
- Material handling mechanism. H. E. Muller, Sr. 2,331,416; Oct. 12.
- Material handling mechanism. P. H. Voth. 2,318,433; May 4.
- Material handling system. F. B. Allen. 2,321,885; June 15.
- Material heat treatment. Magnetic. W. E. Ruder and B. M. Smith. 2,307,605; Jan. 5.
- Material. Insulating. L. R. Hill and A. L. Brown. 2,307,587; Jan. 5.
- Material-loading apparatus. L. A. Maxson. 2,332,522; Oct. 26.
- Material loading apparatus. R. C. Osgood. 2,319,257; May 18.
- Material. Luminescent. G. Aschermann and H. Strubing. 2,308,736; Jan. 19.
- Material. Luminescent. H. E. Mattin. 2,318,089; May 4.
- Material. Making friction. I. J. Novak. 2,311,244; Feb. 16.
- Material. Making hollow molded objects from organic plastic. F. C. Hall. 2,317,763; Apr. 27.
- Material. Manufacture of insulating. R. E. and H. M. Sprague. 2,326,896; Aug. 17.
- Material mixing device. J. A. Lynch. 2,327,914; Aug. 24.
- Material. Molding plastic. S. L. Willis. 2,335,371; Nov. 30.
- Material of T-section from paper, Making rigid. L. A. Young. 2,331,067; Oct. 5.
- Material. Preparation of stiffening. W. Whitehead. 2,307,178; Jan. 5.
- Material. Process and apparatus for handling. A. O. Russell. 2,326,173; Aug. 10.
- Material. Producing effects on textile. E. Döring and H. Grassmido. 2,307,118; Jan. 5.
- Material. Producing effects on textile. M. Kerth and A. Link. 2,317,466; Apr. 27.
- Material. Regeneration of solid contact. E. J. Gehr, W. I. Thompson and H. Z. Martin. 2,320,273; May 26.
- Material spreader. F. E. Arndt. 2,309,086-7; Jan. 26.
- Material spreader attachment. H. L. Warren. 2,323,262; June 29.
- Material spreading device. G. O. Hoffstetter. 2,327,266; Aug. 17.
- Material. Stentite type ceramic. M. D. Rigerink. 2,313,842; Mar. 16.
- Material subdividing installation. O. W. Randolph. 2,312,478; Mar. 2.
- Material. Treating. L. B. West. 2,309,810; Feb. 2.
- Material treating machine. R. W. Bender and C. Volghtlander. 2,328,772; Sept. 7.
- Material treating process and apparatus. M. Cornell. 2,318,293; May 4.
- Material. Treating strip. B. C. McPadden. 2,318,320; May 4.
- Material working apparatus. C. Shannon. 2,321,707; June 15.
- Material working machine. L. J. Irrgang. 2,328,721; Sept. 7.
- Materials, and the product thereof, Uniting dissimilar. 1. McNab. 2,334,622; Nov. 2.
- Materials, Antiseptic. B. R. Harris. 2,317,378; Apr. 21.
- Materials. Apparatus for and method of preparing fused. W. Hogenson. 2,337,605; Dec. 28.
- Materials. Concentrating ore. D. W. Jayne, Jr., S. E. Erickson, and H. M. Day. 2,312,414; Mar. 2.
- Materials containing cellulose. Improving. C. Graenacher and R. Sallmann. 2,317,756; Apr. 27.
- Materials. Cooling pulverulent. R. G. Uhlig. 2,336,378; Dec. 7.
- Materials. Decomposing organic. F. O. Rice. 2,313,092; Mar. 9.
- Materials. Dehydrating water-containing. G. A. Sykes and A. L. Andrea. 2,318,027; May 4.
- Materials. Depositing phosphor. W. H. Painter. 2,328,292; Aug. 31.
- Materials. Finishing fibrous and textile. L. Lillienfeld. 2,335,120; Nov. 23.
- Materials for changing the gas content thereof. Method and apparatus for pressure treatment of. E. A. Hawk. 2,333,565; Nov. 2.
- Materials for use in tumbling barrel polishing and finishing and producing same. W. G. Balz and L. R. Davidson. 2,318,581; May 11.
- Materials. Forming particles of thermoplastic. F. R. Conklin. 2,319,040; May 11.
- Materials. Handling finely divided. J. C. Munday. 2,311,564; Feb. 16.
- Materials. Impregnation of fibrous. E. Schuelke. 2,317,487; Apr. 27.
- Materials. Joining. Z. J. Atlee and H. Brackney. 2,319,588; Feb. 9.
- Materials made of or containing cellulose derivatives. Coloration of. H. Dreyfus. 2,309,176; Jan. 26.
- Materials. Making coherent. J. A. MacDonald. 2,313,082; Mar. 9.
- Materials. Making friction. D. S. Bruce, R. T. Halstead, and E. B. Douglas. 2,309,571; Jan. 26.
- Materials. Method and apparatus for feeding hygroscopic and reactive. S. Z. Avedikian. 2,326,276; Aug. 10.
- Materials. Method and device for shredding. J. L. Hutchings. 2,309,594; Jan. 26.

- Materials, Method and means for testing. G. Keinath. 2,316,253; Apr. 16.
- Materials, Mixture of polymerized. D. E. Henderson. 2,330,353; Sept. 28.
- Materials, Molding of. B. deH. Miller. 2,329,287-8; Sept. 14.
- Materials of different physical characters, Separating. J. P. Bolton. 2,308,670; Jan. 19.
- Materials of different specific gravities and media therefor, Separation of. C. W. Davis. 2,336,470; Dec. 14.
- Materials, Plasticization of synthetic rubber-like. A. Koch and E. Gartner. 2,317,385; Apr. 27.
- Materials, Production of artificial. H. Dreyfus. 2,323,393; July 6.
- Materials, Regeneration of contact. J. N. Weiland. 2,330,462; Sept. 28.
- Materials such as fibers, Making synthetic. J. Dable. 2,327,872; Aug. 24.
- Materials, Treating. M. M. B. Abribat. 2,313,007; Mar. 2.
- Materials, Treating. B. M. Bird and F. P. Smith. 2,312,865; Mar. 2.
- Materials, Treatment of artificial. H. Dreyfus. 2,326,842; Aug. 17.
- Matrix drying and forming machine. C. C. Baker. 2,319,030-1; May 11.
- Matrix element for making light transmitting screens. O. C. Martin. 2,315,721; Apr. 6.
- Mattress. I. Weissglass. 2,332,957; Oct. 26.
- Mattresses. J. H. Johnson. 2,318,492; May 4.
- Mattress and the like. W. de Fries. 2,314,482; Mar. 23.
- Mattress and the like. K. Seluk. 2,331,142; Oct. 5.
- Mattress border forming device. G. Olson. 2,336,952; Dec. 14.
- Mattress border stitching machine. D. N. Kelly. 2,336,404; Dec. 7.
- Mattress covering. M. M. Cunningham. 2,326,441; Aug. 31.
- Mattress frame elevating and lowering mechanism for cribs. W. J. McNabb and W. R. Cochrane. 2,326,379; Aug. 10.
- Mattress handle. J. E. Allen. 2,322,995; June 29.
- Mattress or the like. T. J. Lineback. 2,328,083; Aug. 31.
- Mattress protector. I. Mink. 2,319,150; May 11.
- Means adapted to vary the coupling of inductances, especially for radio frequency apparatus. A. Weis. 2,332,879; Oct. 26.
- Means and method for controlling motive forces. R. A. Preston. 2,325,707; Aug. 3.
- Means and method of bringing oil wells into production. D. N. Furse and L. J. Neuman. 2,328,001; Aug. 31.
- Means, Balancing. L. W. Reynolds. 2,322,391; June 29.
- Means for positioning expandable collars on pipe or the like. B. H. Barnes and B. S. Minor. 2,320,553; June 1.
- Means for reducing the effect of fluctuations in supply pressure to air controlled instruments. A. W. Pett. 2,331,799; Oct. 12.
- Means for reproducing motion. J. D. Peterson. 2,323,568; July 6.
- Means for temporarily retaining members together. W. J. Whitehead and C. S. Whitehead. 2,318,548; May 4.
- Means for wrapping filaments around tubes or cylinders. W. Bridges. 2,331,371; Oct. 12.
- Measurement and control device, pH. E. D. Coleman. 2,311,976; Feb. 23.
- Measurement and/or control, System of. A. J. Hornfeck. 2,310,955; Feb. 16.
- Measurement and recording of transient peak voltages. R. W. George. 2,323,762; July 6.
- Measurement apparatus. W. B. O'Neal and W. P. Zimmerman. 2,311,076; Feb. 16.
- Measuring air-fuel ratio. K. Scheffler. 2,328,502; Aug. 31.
- Measuring and control apparatus. T. R. Harrison. 2,326,853; Aug. 17.
- Measuring and control apparatus. E. A. Keeler. 2,331,698; Oct. 12.
- Measuring and control apparatus. W. P. Wills. 2,323,885; July 13.
- Measuring and control method and apparatus. J. R. Campbell. 2,324,821; July 20.
- Measuring and controlling apparatus. J. F. Luhrs. 2,311,848; Feb. 23.
- Measuring and dispensing device for packaged material. E. J. Spilo. 2,318,812; May 11.
- Measuring and dispensing machine. H. L. Rasmussen. 2,315,162; Mar. 30.
- Measuring and drafting instrument. E. Z. Galea. 2,323,367; Nov. 2.
- Measuring and indicating apparatus and system therefor, Liquid. D. W. Alcott. 2,330,857; Oct. 5.
- Measuring and marking device. C. F. Burgner. 2,311,025; Feb. 16.
- Measuring and recording posture. W. Bierman and A. V. Schenker. 2,324,672; July 20.
- Measuring apparatus. H. H. Blosjo. 2,333,976; Nov. 9.
- Measuring apparatus. R. B. Hines and C. Johnson. 2,334,926; Nov. 23.
- Measuring apparatus. H. S. Jones. 2,315,714; Apr. 6.
- Measuring apparatus. B. J. Kinsburg. 2,324,215; July 13.
- Measuring apparatus. J. D. Ryder. 2,331,138; Oct. 5.
- Measuring apparatus for the inside of bores. D. E. Bench. M. A. Crosby. 2,325,299; July 27.
- Measuring apparatus, Gravitational force. W. A. Mar- rison. 2,319,940; May 25.
- Measuring arrangement adapted to check or measure mis- matching. H. E. Paul. 2,323,076; June 29.
- Measuring board and cutoff stop. F. S. Overacker, H. G. Thorn, and D. E. Wark. 2,316,971; Apr. 20.
- Measuring circuit. E. D. Goodale and J. L. Hathaway. 2,324,077; July 13.
- Measuring device. H. C. Atherley. 2,313,213; Mar. 9.
- Measuring device. F. G. Boucher. 2,318,665; May 11.
- Measuring device. F. S. Cooper. 2,334,385; Nov. 16.
- Measuring device. C. K. Corwin. 2,324,437; Sept. 14.
- Measuring device. F. E. Cutone. 2,331,659; Oct. 12.
- Measuring device. B. L. Cyr. 2,308,359; Jan. 12.
- Measuring device. A. F. Groll. 2,307,777; Jan. 12.
- Measuring device. F. B. Harmon. 2,325,130; July 27.
- Measuring device. J.-G. Helmbold. 2,310,783; Feb. 9.
- Measuring device. L. M. McCormick. 2,319,148; May 11.
- Measuring device. H. L. Whitman. 2,317,321; Apr. 20.
- Measuring device. G. Zieher. 2,322,695; June 1.
- Measuring device, Area. L. Middleton. 2,327,657; Aug. 24.
- Measuring device, Density. D. S. Hersey. 2,324,391; July 13.
- Measuring device, Fluid velocity. W. D. Hall. 2,314,877; Mar. 30.
- Measuring device, Graphic. B. E. Lenehan. 2,331,205; Oct. 5.
- Measuring device, Yardage. H. W. Gilbert. 2,317,141; Apr. 20.
- Measuring dispenser. F. E. Wolcott. 2,315,473; Mar. 30.
- Measuring gauge. R. E. Bauer. 2,325,170; July 27.
- Measuring instrument. R. D. Bean, C. B. Moore, and F. W. Side. 2,307,912; Jan. 12.
- Measuring instrument. A. R. Doering. 2,325,179; July 27.
- Measuring instrument. T. R. Harrison. 2,308,687; Jan. 19.
- Measuring instrument. H. R. Jacobs. 2,319,932; May 25.
- Measuring instrument. W. L. Johnson. 2,326,363; Aug. 10.
- Measuring instrument. D. Laflamme. 2,307,323; Jan. 5.
- Measuring instrument. C. B. Moore. 2,328,163; Aug. 31.
- Measuring instrument. B. H. Smith and W. M. Brad- shaw. 2,331,241; Oct. 5.
- Measuring instrument. S. Stokes. 2,323,734; July 6.
- Measuring instrument. R. Ullman. 2,317,701; Apr. 27.
- Measuring instrument. R. Ullman and C. B. Moore. 2,307,248; Jan. 5.
- Measuring instrument. E. C. Wiegmann, W. G. Trum- bowler, and C. B. Moore. 2,315,682; Apr. 6.
- Measuring instrument, Electrical. H. T. Faus. 2,333,991; Nov. 9.
- Measuring instrument for determining angles and the like. B. V. Beatty. 2,326,518; Aug. 10.
- Measuring instrument, Gas. F. C. Morey. 2,321,038; June 8.
- Measuring instrument, Liquid level. C. H. Nelson. 2,329,412; Sept. 14.
- Measuring instrument pointer. W. R. Pritchett. 2,329,079; Sept. 7.
- Measuring instrument, Pressure. A. F. Allwein and E. C. Burdick. 2,325,091; July 27.
- Measuring instrument, Stress-change. L. H. Donnell and B. J. Schmitz. 2,328,967; Sept. 7.
- Measuring means for soft solidified materials. C. L. Strauss. 2,335,815; Nov. 30.
- Measuring mercury into fluorescent lamps. C. Chirelstein. 2,311,930; Feb. 23.
- Measuring or detecting periodic forces. A. L. M. A. Rouy. 2,329,654; Sept. 14.
- Measuring or gauge device. M. J. Johnson. Re. 22,414; Dec. 28.
- Measuring system. P. S. Dickey and R. W. Boarman. 2,333,300; Nov. 2.
- Measuring system. G. Keinath. 2,321,605; June 15.
- Measuring system. J. D. Ryder. 2,333,393; Nov. 2.
- Measuring system. A. J. Williams, Jr. 2,312,945; Mar. 2.
- Measuring system, Power factor. D. R. Barney and G. W. Weaver. 2,314,851; Mar. 23.
- Meat, Aging. B. E. Williams. 2,314,301; Mar. 16.
- Meat and fowl turner and lifter. O. P. Williams. 2,337,142; Dec. 21.
- Meat, Chilling. B. E. Williams and L. L. Cadwell. 2,314,300; Mar. 16.
- Meat chopping machine. C. R. Goff. 2,314,697; Mar. 23.
- Meat, Cooking. H. F. Cramer. 2,331,268; Oct. 5.
- Meat loop. H. J. Lutz. 2,307,327; Jan. 5.
- Meat reforming and rolling machine. C. Doering, H. H. Doering, B. J. Skoglund, and E. W. Anderson. 2,310,067; Feb. 2.
- Meat-slicing machine. J. P. Spang. 2,318,897; May 11.
- Meat-slicing machine. J. Hansen. 2,323,769; July 6.
- Meat treatment. L. L. Cadwell. 2,337,641; Dec. 28.
- Meat treatment. B. E. Williams and L. L. Cadwell. 2,323,953; July 13.

- Meat trolleys, Treating. P. J. Lawson. 2,310,585; Feb. 9.
- Meats, Packing comminuted. I. N. Jordan. 2,334,774; Nov. 23.
- Mechanical actuator system. W. P. Lear. 2,319,403; May 18.
- Mechanical and hydraulic gearing, Control of combined. W. Gschling. 2,337,748; Dec. 28.
- Mechanical arm. N. F. Foner. 2,323,08; June 20.
- Mechanical atomizing burner. P. L. C. Blanchard. 2,308,909; Jan. 19.
- Mechanical compensator. W. C. Howard, Jr. 2,326,780; Aug. 17.
- Mechanical coupling. C. C. Davis. 2,337,976; Dec. 28.
- Mechanical exhaust silencer. H. A. Smith. 2,320,668; June 1.
- Mechanical fabric. C. C. Gordon. 2,312,710; Mar. 2.
- Mechanical finger gripping device. M. S. Dunkelberger. 2,320,067; June 1.
- Mechanical gulder. R. Hetherington. 2,307,779; Jan. 12.
- Mechanical gravity activated electrical switch. R. T. Stephens. 2,328,855; Sept. 7.
- Mechanical handling device. D. R. Keagy. 2,321,300; June 8.
- Mechanical movement. F. Alabrune. 2,319,485; May 18.
- Mechanical movement. A. P. Beebe. 2,332,365; Oct. 19.
- Mechanical movement. A. Cory. 2,328,261; Aug. 31.
- Mechanical movement. L. F. Hammand. 2,328,552; Sept. 7.
- Mechanical movement. L. E. James. 2,309,595; Jan. 16.
- Mechanical movement. L. E. James. 2,314,278; Mar. 16.
- Mechanical movement. H. Morton. 2,332,162; Oct. 19.
- Mechanical movement. H. W. Nowka. 2,322,539; Jan. 22.
- Mechanical movement. G. B. Odatto and W. J. Wesseler. 2,325,913; July 20.
- Mechanical movement. J. S. Sharpe. 2,322,394; June 22.
- Mechanical movement. C. C. Williams. 2,312,057; Feb. 28.
- Mechanical movement for shifting gears. W. H. De Lancey. 2,322,569; June 22.
- Mechanical refrigerating system. R. W. Johnson and C. L. Aughey. 2,321,819; June 15.
- Mechanical shorthand writing means. W. V. Kirkpatrick. 2,325,612; Aug. 3.
- Mechanical smoking pipe bowl cleaner. S. J. Brandt. 2,323,294; July 6.
- Mechanical valve shutoff system, Repeating. C. P. Bergman and M. Cornell. 2,325,732; Aug. 3.
- Mechanical vibration or oscillation generator. R. A. McCullough. 2,323,479; July 6.
- Mechanical wave filter. R. A. Sykes. 2,332,120; Oct. 19.
- Mechanical wrench. J. T. Burks. 2,320,119; May 25.
- Mechanic's tool. C. O. Ross. 2,320,303; May 25.
- Mechanism control. C. M. Heller. 2,309,454; Jan. 26.
- Mechanism control. W. C. Skareen. 2,308,898-9; Jan. 19.
- Mechanism for and method of charging containers with liquid. J. E. Wollenweber. 2,328,372; Aug. 31.
- Mechanism for butt welding. E. F. Nelson. Re. 2,2310; May 11.
- Mechanism for change speed gearings, Selecting and shifting. C. D. Peterson and A. H. Deimel. 2,312,975; Mar. 2.
- Mechanism for controlling movements. W. E. H. Krzenclessa, K. G. Scheibel, and A. A. Bohmann. 2,328,466; Aug. 31.
- Mechanism for delivering articles from machines. A. G. Rose. 2,311,577; Feb. 16.
- Mechanism for electric starters, Jaw meshing. R. M. Heintz. 2,334,003; Nov. 9.
- Mechanism for extracting defective book assemblies from match booking machines. J. R. Nolan. 2,313,451; Mar. 9.
- Mechanism for fighting tanks, Hook-on-and-release. A. E. Andersen. 2,310,887; Feb. 9.
- Mechanism for forming dense end cigarettes. C. Arelt. 2,316,213; Apr. 13.
- Mechanism for furnishing intermittent sprays of liquid soap for baths, Automatic. H. Young. 2,316,307; Apr. 13.
- Mechanism for glass forming machines, Safety. C. M. Biggs. 2,330,668; Sept. 28.
- Mechanism for handling and feeding bottles and other containers. S. T. Carter. 2,308,154; Jan. 12.
- Mechanism for improving the dirigibility of ships, submarines, and aircraft. H. C. Briggs. 2,327,994; Aug. 31.
- Mechanism for improving the dirigibility of ships, submarines, and aircraft. H. C. Briggs. 2,330,674; Sept. 28.
- Mechanism for loading and emptying molding presses. G. B. Sayre. 2,321,252; June 8.
- Mechanism for locomotive driving boxes, Adjusting. F. W. Martin. 2,318,507; May 4.
- Mechanism for marking containers. G. J. Huntley and E. Rolker. 2,316,517; Apr. 13.
- Mechanism for mobile containers, Braking. C. A. Fine. 2,335,401; Nov. 30.
- Mechanism for motor toboggans, Propulsion. C. J. E. Ellason. 2,323,526; July 6.
- Mechanism for operating switches. S. H. Durbin. 2,318,073; May 4.
- Mechanism for operating switches. S. H. Durbin. 2,318,300; May 4.
- Mechanism for operating switches. S. H. Durbin. 2,320,121; May 25.
- Mechanism for phonograph transcribers, Stepback. L. Thompson, and R. L. Stone. 2,323,257; June 29.
- Mechanism for preparing postal matter. S. C. Herbert. 2,318,073; May 4.
- Mechanism for producing step by step motion. F. R. Ford. 2,313,633; Mar. 9.
- Mechanism for recovering and arranging spill matches from match packers. F. Moore. 2,309,471; Jan. 26.
- Mechanism for separating intermixed divided materials. R. Peale and K. Peale, Jr. 2,309,355; Jan. 26.
- Mechanism for sewing machines, Interlock. H. Gunther. 2,335,408; Nov. 30.
- Mechanism for spinning and roving frames, Drafting. B. C. Shaw. 2,329,655; Sept. 14.
- Mechanism for stretching fur scarfs and pelts. E. Kuznetsov. 2,333,185; Nov. 2.
- Mechanism for the automatic control of speed change transmissions of motor vehicles. J. Nougatrou. 2,313,003; Mar. 2.
- Mechanism for the interconversion of reciprocation and rotation. A. Peroy. 2,335,048; Nov. 23.
- Mechanism for the propulsion of watercraft. R. J. L. Molneau. 2,320,640; June 1.
- Mechanism for transmitting power. F. R. Iñáñez. 2,312,068; Mar. 2.
- Mechanism for transmitting power. E. E. Wemp. 2,309,559; Jan. 26.
- Mechanism for truing holes. E. Mattson. 2,316,879; Apr. 20.
- Mechanism for typewriters and the like, Justifying. A. Cox. 2,325,505; July 27.
- Mechanism for typewriters, Manifolding. J. W. Fader. 2,320,918; June 4.
- Mechanism for use in computing apparatus. A. Svoboda. 2,328,306; Aug. 31.
- Medicinal agent. W. G. Christensen and A. E. Jurist. 2,323,309; July 6.
- Medicinal compound. S. R. Rosenthal. 2,337,572; Dec. 28.
- Medicinal pellets or the like, Sterilizing. R. E. Mulligan. 2,329,928; Sept. 21.
- Medicine mixing and dispensing device. E. C. Toronto. 2,332,030; Oct. 19.
- Melamine purification. A. C. Winttingham and V. L. King. 2,324,450; July 13.
- Melodion. C. H. Hagopian. 2,331,975; Oct. 19.
- Melting furnace. W. Bonsack. 2,331,887; Oct. 19.
- Melting furnace. J. P. Tarbox. 2,337,072; Dec. 21.
- Memorandum pad and container, Combined. E. Westberg. 2,324,966; July 20.
- Mercaptan compounds from petroleum oils, Removal of. A. P. Hewlett. 2,336,174; Dec. 7.
- Mercaptan-solvent mixtures, Removal of mercaptans from. L. N. Leum and E. R. Birkhimer. 2,309,652-4; Feb. 2.
- Mercaptothiazolines, Manufacture of. L. H. Howland. 2,321,206; June 8.
- Merchandise display. H. F. Goldsmith. 2,318,774; May 11.
- Merchandise display hanger. C. A. Fowler. 2,336,537; Dec. 14.
- Merchandise holder. R. B. Meller. 2,331,036; Oct. 5.
- Merchandising container. G. L. Bodie. 2,335,636; Nov. 30.
- Merchandising device. J. C. Calhoun, W. L. Davidson and K. J. Hansen. 2,307,993; Jan. 12.
- Merchandising rack. S. D. Reed and E. C. Haake. 2,333,717; Nov. 9.
- Mercuri-acetylide compound and preparing the same. M. H. Daskals. 2,329,883; Sept. 21.
- Mercuri-naphthenate, Making. H. Schiller. 2,330,452; Sept. 28.
- Mercuric ore reduction furnace. F. Duncan. 2,311,648; Feb. 23.
- Mercury amalgam decomposition cell. W. C. Gardiner. 2,311,744; Feb. 23.
- Mercury amalgam decomposition cell. W. C. Gardiner and J. L. Wood. 2,311,745; Feb. 23.
- Mercury boiler. W. L. R. Emmet. 2,325,384; July 27.
- Mercury cell. W. C. Gardiner. 2,307,835; Jan. 12.
- Mercury cells, Operation of. W. C. Gardiner. 2,316,685; Apr. 13.
- Mercury contaminated surfaces, Treating. M. Randall. 2,320,468; June 1.
- Mercury derivatives of esters of sulphocarboxylic acids. K. L. Lynch. 2,325,411; July 27.
- Mercury feeder. M. Merz. 2,322,866; June 29.
- Mercury leveling device. D. L. Liverman. 2,308,088; Jan. 12.
- Mercury switch. E. D. Bacon. 2,311,808; Feb. 23.
- Mercury switch. A. T. Harvey. 2,330,352; Sept. 28.
- Mercury switch. H. L. Lambert. 2,333,533; Nov. 2.
- Mercury switch. C. E. Pollard. 2,328,997; Sept. 7.
- Mercury switch. C. W. Trautman. 2,320,682-3; June 1.
- Mercury switch relay. C. H. Larson. 2,325,186; July 27.

- Mercury vapor discharge device, High pressure. H. K. Bourne and L. J. Capp. 2,321,178; June 8.
- Merocyanine dye containing a selenocarbonyl group. L. G. S. Brooker and R. H. Sprague. 2,332,433; Oct. 19.
- Metacresol and paracresol, Separation of. F. E. Cislak and M. M. Otto. 2,310,616; Feb. 9.
- Metha-hydroxyphenyl-ethanolamine and making the same. H. Legerlotz. 2,312,916; Mar. 2.
- Metal alloys, Casting of. C. S. Sivil, E. O. Liebig and R. St. C. Low. 2,315,876; Apr. 6.
- Metal and making dies therefrom, Mold die. N. H. Schermer. 2,321,107; June 8.
- Metal and material, Coating. H. J. Lodeesen and H. K. Ward. 2,314,887; Mar. 30.
- Metal article and process, Rubber coated ferrous. G. C. Bailey and O. Johnson. 2,321,889; June 15.
- Metal article and producing the same, Protected. J. M. Deconmanger, Jr., and F. Stockton. 2,315,740; Apr. 6.
- Metal article, Duplex. G. O. Hoglund. 2,312,039; Feb. 23.
- Metal articles, Coating. M. C. Beebe. 2,320,998; June 8.
- Metal articles, Degreasing of. W. E. Booth. 2,310,569; Feb. 9.
- Metal articles, Hot extrusion of. J. H. Hoern. 2,334,927; Nov. 23.
- Metal articles with glass coatings, Treating ferrous. J. J. Caugherty. 2,337,186; Dec. 21.
- Metal articles with molten metal and of preparing metal articles for hot coating, Coating. W. E. Marshall. 2,310,451; Feb. 9.
- Metal attenuating process and apparatus. M. E. Evans. 2,326,629; Aug. 10.
- Metal bearing materials, Chlorination of. I. E. Muskat and R. H. Taylor. 2,316,275; Apr. 13.
- Metal bearing materials, Chlorination of. A. Pechukas. 2,311,466; Feb. 16.
- Metal blanks, Machining. L. I. Yeomans. 2,314,183; Mar. 16.
- Metal bodies, Method and apparatus for conditioning. J. H. Bucknam, E. Meincke, and T. W. Eiselgroth. 2,309,096; Jan. 26.
- Metal bodies, Method and apparatus for reducing. E. T. Lorig. 2,332,803; Oct. 26.
- Metal bodies, Plating. E. R. Wagenhals. 2,323,169; June 29.
- Metal bodies, Uniformly surfacing flat. R. Johnson. 2,333,936; Nov. 9.
- Metal bound box. Roy F. McMahan. 2,309,655; Feb. 2.
- Metal box. E. G. Johansson. 2,329,349; Sept. 14.
- Metal carbonyls, Production of. R. Staeger, P. Assmann, and K. Ehrmann. 2,311,307; Feb. 16.
- Metal casing for building construction. F. M. Zecca. 2,316,829; Apr. 20.
- Metal casting. J. A. Bradley. 2,335,385; Nov. 30.
- Metal casting. D. J. Campbell. 2,314,839; Mar. 23.
- Metal-casting method and apparatus. P. M. Payne. 2,326,164; Aug. 10.
- Metal catwalk, Expanded. C. C. Pennington. 2,329,678; Sept. 14.
- Metal, Cementation process of treating. J. A. Parsons, and E. Ryder. 2,318,011; May 12.
- Metal clamp. F. A. Kellogg. 2,316,073; Apr. 6.
- Metal, Cleaning. C. J. Krogel. 2,325,957; Aug. 3.
- Metal cleaning. M. C. Pescok. 2,335,196; Nov. 23.
- Metal coated ironing table top. H. B. and T. H. Fay. 2,335,494; Nov. 30.
- Metal coated, metal surfaced article, Spray. J. F. Medina. Re. 22,398; Nov. 30.
- Metal coating. L. Simons. 2,320,801; June 1.
- Metal coating composition. G. M. Black. 2,326,120; Aug. 10.
- Metal coating machine. W. P. Lohrman. 2,319,817; May 25.
- Metal coatings from bases, Removing. E. C. Hall. 2,316,579; Apr. 13.
- Metal, Composite. W. W. Patrick. 2,312,582; Mar. 2.
- Metal composition. F. R. Hensel, E. I. Larsen, and E. F. Swazy. 2,313,070; Mar. 9.
- Metal compounds, Reduction of finely divided. R. L. Patterson. 2,334,434; Nov. 16.
- Metal container. E. G. Gaynor. 2,308,600; Jan. 19.
- Metal containers, Making sheet. I. W. England and J. Haycock. 2,330,207; Sept. 28.
- Metal corner bead for dry well construction. W. B. Mitchell. 2,311,345; Feb. 16.
- Metal corner structure and making same. E. C. Grempler. 2,335,754; Nov. 30.
- Metal covering for aircraft, Reinforced. P. H. Kemmer. 2,330,219; Sept. 28.
- Metal cutting or notching machine. F. G. Cassens, M. S. Evans, and C. T. Hertzsch. 2,334,250; Nov. 16.
- Metal cutting shear. K. W. Nebel. 2,337,206; Dec. 21.
- Metal cutting tool. O. A. Palm. 2,307,853; Jan. 12.
- Metal cutting tools, Manufacturing. R. W. Andreason. 2,314,189; Mar. 16.
- Metal cyanates, Production of alkali. H. R. Neumark and J. H. Pearson. 2,334,723; Nov. 23.
- Metal deposition, Gaseous. F. E. Drummond. 2,332,309; Oct. 19.
- Metal detection device. V. W. Breitenstein. 2,315,045; Mar. 30.
- Metal detector. C. B. Sitterson, Jr., and T. M. Berry. 2,337,352; Dec. 21.
- Metal door, Formed. J. F. Peele. 2,336,999; Dec. 14.
- Metal, Drawing. J. L. Goheen, Jr., and C. F. Catlin, Jr. 2,335,933; Dec. 7.
- Metal edge box staying machine. W. D. Stanger. 2,330,756; Sept. 28.
- Metal electroplating. H. A. Pray. 2,336,568; Dec. 14.
- Metal finish, Simulated hammered. G. Ariotti and E. H. Bucy. 2,326,001; Aug. 3.
- Metal for drawing operations, Preparing. W. E. Leonard. 2,338,045; Dec. 28.
- Metal forming apparatus. H. Blount and C. V. Lundeen. 2,327,091; Aug. 17.
- Metal forming apparatus and operation. M. Schwartz. 2,308,471; Jan. 12.
- Metal forming device. B. Lermont and A. M. Wolf. 2,326,470; Aug. 10.
- Metal fume, Reining of non-ferrous. L. S. Deitz, Jr. 2,325,176; July 27.
- Metal fusing apparatus. R. K. Hopkins. 2,310,635; Feb. 9.
- Metal highway guard support. A. E. Brickman. 2,323,514; July 6.
- Metal highway guard support. A. E. Brickman. 2,334,989; Nov. 23.
- Metal hose, Flexible. J. L. Vaill. 2,309,719; Feb. 2.
- Metal housing for electric control devices. H. A. Sedgwick. 2,332,017; Oct. 19.
- Metal into abrasive material, Disintegrating. J. F. Ervin. 2,330,038; Sept. 21.
- Metal lathe, Expanded. H. M. Gersman. 2,313,533; Mar. 9.
- Metal, Making porous. J. A. Lignian. 2,332,733; Oct. 26.
- Metal manufacture of clad. C. D. Young. 2,309,288; Jan. 26.
- Metal, Method and machine for surfacing. G. D. Webber. 2,321,441; June 8.
- Metal, Method of and apparatus for welding. E. S. Hebel. 2,319,401; May 18.
- Metal organo-phosphates and preparing the same. B. B. Ruckington, J. O. Clayton, and J. T. Rutherford. 2,329,707; Sept. 21.
- Metal partition structure. E. W. Nicholson. 2,322,051; June 15.
- Metal parts, Finishing. G. D. Wild. 2,336,145; Dec. 7.
- Metal phenolates, Production of dry alkali. T. Sabalitschka. 2,312,001; Feb. 23.
- Metal, Porous. O. R. Bowen. 2,310,061; Feb. 2.
- Metal, Porous. R. Koehring. 2,327,805; Aug. 24.
- Metal powder, Production of. G. E. Best. 2,308,584; Jan. 19.
- Metal, Process and apparatus for cleaning. G. B. Hogaboom. 2,307,928; Jan. 12.
- Metal product produced directly from molten metal. J. M. Merle. 2,307,939; Jan. 12.
- Metal rolling. J. H. McElhinney. 2,325,190; July 27.
- Metal rolling and bending device. B. Lermont and A. M. Wolf. 2,325,523; July 27.
- Metal rolling mill. L. Jones. 2,312,648; Mar. 2.
- Metal rolls and the like, Stippling. F. F. Hillix and F. J. Leach. 2,337,016; Dec. 14.
- Metal salts, Recovery of. W. H. Osborn, S. B. Tuwiner, and J. R. Smith. 2,307,944; Jan. 12.
- Metal sash structure. R. M. Stowe. 2,326,897; Aug. 17.
- Metal seal member. C. V. Litton. 2,336,488; Dec. 14.
- Metal shapes, Formation of. C. D. Cox. 2,316,144; Apr. 6.
- Metal shearing machine and the like. A. E. Cartledge. 2,333,293; Nov. 2.
- Metal sheets, Coating. M. P. Wilson. 2,307,613; Jan. 5.
- Metal sheets, Stripping electrodeposited. H. C. Macan. 2,335,776; Nov. 30.
- Metal sheets, Stripping electrodeposited. C. E. Yates. 2,330,103; Sept. 21.
- Metal shot, Forming. H. Marete. 2,310,590; Feb. 9.
- Metal sol and preparing same, Stabilized. P. Troch, H. Voss, E. Rabald and H. Geigel. 2,329,147; Sept. 7.
- Metal spinning apparatus. J. W. Shera. 2,321,527; June 8.
- Metal stamping die. R. A. Pannier. 2,337,127; Dec. 21.
- Metal stock, Composite. T. B. Chace. 2,325,659; Aug. 3.
- Metal strips, Method of and apparatus for stretching. J. I. Hunter. 2,337,047; Dec. 21.
- Metal structure, Composite. F. R. Hensel and E. I. Larsen. 2,314,882; Mar. 30.
- Metal surface finishing. C. D. Cox. 2,327,870; Aug. 24.
- Metal surfaces, Cleaning. O. M. Morgan. 2,314,285; Mar. 16.
- Metal surfaces from corrosion, Protecting light. P. F. George. 2,331,270; Oct. 5.
- Metal surfaces, Polishing. C. L. Faust. 2,315,696; Apr. 6.
- Metal surfacing materials. L. S. Odell. 2,331,796; Oct. 12.
- Metal tab, F. C. Woelfer. 2,324,252; July 13.
- Metal to adhere to metal surfaces, Causing sprayed. A. P. Shepard. 2,314,902; Mar. 30.
- Metal to metal surfaces, Application of spray. J. F. Medina. Re. 22,397; Nov. 30.
- Metal treatment. U. C. Tainton. 2,311,099; Feb. 16.
- Metal vapor discharge lamp. E. Lemmers. 2,329,125; Sept. 7.
- Metal water-going vessels, Constructing. L. S. Baier. 2,330,022; Sept. 21.

- Metal wool pad.** J. B. Rogers. 2,308,568; Jan. 19.
- Metalworking apparatus.** R. W. Andrews, Jr., and A. T. Delly. 2,331,953; Oct. 19.
- Metalworking apparatus and method.** J. Kafowi. 2,314,408; Mar. 23.
- Metalworking machine.** M. H. Arms. 2,310,338; Feb. 9.
- Metalworking machine.** A. O. Bates. 2,328,542; Sept. 7.
- Metalworking machine.** M. v. and M. v. Berlichingen. 2,325,827; Aug. 3.
- Metalworking machine.** C. Gall and B. J. Di Santo. 2,328,002; Aug. 31.
- Metalworking machine.** H. T. R. Hanitz. 2,333,563; Nov. 2.
- Metalworking machine.** J. E. Kline. 2,333,256; Nov. 2.
- Metalworking, Method and machine for.** L. I. Yeomans. 2,335,720; Nov. 30.
- Metaldehyde, Making.** W. L. Vogel. 2,327,570; Aug. 24.
- Metalization, especially aluminization of iron articles.** G. A. Moller. 2,315,725; Apr. 6.
- Metallic bats, Making.** W. J. Joyce, Jr. 2,332,726; Oct. 26.
- Metallic bodies, Treating.** S. and A. Westin. 2,309,561; Jan. 26.
- Metallic blasting and abrasive material.** J. T. Eash and A. De Lange. 2,330,001; Dec. 7.
- Metallic chair frame.** H. L. Krawitz. 2,307,138; Jan. 5.
- Metallic magnesium, Manufacture of.** E. Spooner. 2,334,451; Nov. 16.
- Metallic material, Bonding powdered.** C. E. Swartz. Re. 2,322,82; Mar. 2.
- Metallic mold.** H. E. McWane. 2,313,253; Mar. 9.
- Metallic oxides, Reducing.** G. D. Dill. 2,307,997; Jan. 12.
- Metallic strip, Pickling.** R. A. Dimon. 2,313,422; Mar. 9.
- Metallic structure, Resistance welded.** G. W. Hardman and M. Watter. 2,319,455; May 18.
- Metallic supporting structure.** J. R. Tench. 2,307,869; Jan. 12.
- Metallurgical apparatus.** J. Lohse. 2,315,123; Mar. 30.
- Metallurgical furnace.** D. Carbarrocas y Ayala. 2,317,252; Apr. 20.
- Metallurgical furnace.** V. E. MacDonald. 2,321,992; Oct. 19.
- Metallurgical mill reagent feeder.** F. E. Wood. 2,323,268; June 29.
- Metallurgical process.** W. E. Greenawalt. 2,307,459; Jan. 6.
- Metallurgical process.** J. Lohse. 2,313,019; Mar. 2.
- Metallurgical reactions regularly and rapidly, Effecting.** R. Perrin. 2,310,865; Feb. 9.
- Metals and resulting product, Treating.** C. Luckhaupt. 2,320,826; June 1.
- Metals, Bonding ferrous and non-ferrous.** H. E. Deputy. 2,328,788; Sept. 7.
- Metals, Casting.** D. J. Campbell. 2,312,796; Mar. 2.
- Metals, Casting.** J. Dornauf. 2,310,766; Feb. 9.
- Metals, Casting.** J. E. Galvin and E. A. Walchner. 2,334,701; Nov. 23.
- Metals, Casting.** H. V. Hites. 2,335,008; Nov. 23.
- Metals, Casting of.** P. Pritchard. 2,313,004; Mar. 2.
- Metals, Coating.** W. Clayton, R. I. Johnson, and H. K. Dean. 2,327,972; Dec. 28.
- Metals, Coating composition for.** F. R. Stoner, Jr., and G. W. Seagren. 2,337,424; Dec. 21.
- Metals, Distillation and condensation of.** H. L. Gentil. 2,312,811; Mar. 2.
- Metals, Hardening.** W. J. Doelker. 2,320,573; June 1.
- Metals, Joining of.** R. H. D. Barklie and A. Lewis. 2,317,510; Apr. 27.
- Metals, Polishing.** C. L. Faust. 2,315,695; Apr. 6.
- Metals, Quenching of.** C. G. zur Horst, B. B. Wescott, and L. W. Volmer. 2,327,976-7; Aug. 24.
- Metals, Refining.** J. O. Betterton and Y. E. Lebedeff. 2,329,817; Sept. 21.
- Metals, Treatment of.** W. J. Clifford and H. H. Adams. 2,336,071-2; Dec. 7.
- Metals, Treatment of.** R. W. Shoemaker. Re. 22,296; Mar. 20.
- Metals, Vaporization of.** A. J. van Hoorn and G. Thurmer. 2,336,138; Dec. 7.
- Metals, Working.** R. Lowit. 2,317,205; Apr. 20.
- Meter: See—**
- Air velocity meter.** Induction meter.
- Ampere-hour meter.** Liquid flow meter.
- Automatic parking meter.** Long scale frequency meter.
- Bimetallic light meter.** Mileage meter.
- Condenser gravity meter.** Parking meter.
- Direct reading meter.** Phase meter.
- Drip meter.** Photographic exposure meter.
- Electric meter.** Power factor meter.
- Electricity meter.** Reciprocating piston meter.
- Engine leakage meter.** Registering liquid meter.
- Exposure meter.** Ring balance meter.
- Flow-indicating fluid meter.** Sheerness meter.
- Flow meter.** Temperature water meter.
- Fluid delivery meter.** Thermal demand meter.
- Fluid meter.** Turbidity meter.
- Frequency meter.** Watt-hour meter.
- Gas meter.**
- Gravity meter.**
- Horsepower meter.**
- Meter.** W. E. Beede. 2,309,927; Feb. 2.
- Meter.** W. Leathers. 2,321,922; June 15.
- Meter and measuring liquids flowing through it, Venturi.** G. A. Petroe. 2,337,921; Dec. 28.
- Meter and sampler, Volume.** A. Andlauer. 2,313,715; Mar. 16.
- Meter boxes.** W. S. Ireland, Jr. 2,337,661; Dec. 28.
- Meter casing.** H. D. Madden. 2,320,946; June 1.
- Meter construction.** H. Panissidi. 2,319,432; May 18.
- Meter construction.** H. Panissidi. 2,335,787; Nov. 30.
- Meter, Direct reading rate-of-penetration.** S. T. Sikes, Jr. 2,330,753; Sept. 28.
- Meter for cameras, Light.** K. Nüchterlein. 2,330,613; Sept. 28.
- Meter for granular materials, Volume.** J. C. Goshorn and W. E. Gross. 2,332,512; Oct. 26.
- Meter housing.** E. J. Ruthman. 2,309,670; Feb. 2.
- Meter magnet, Watt-hour.** G. J. Wey. 2,308,756; Jan. 19.
- Meter reading apparatus.** W. Leathers. 2,330,980; Oct. 5.
- Meter reading apparatus.** W. Leathers and J. Haddad. 2,325,409; July 27.
- Meter reading apparatus, Automatic.** W. Leathers. 2,319,412; Mar. 18.
- Meter recording system.** L. M. Potts. 2,313,088; Mar. 9.
- Metering and aligning machine.** E. P. Drake, P. J. Alberry, and W. H. Kagley. 2,314,481; Mar. 23.
- Metering apparatus.** J. S. Highfield. 2,307,888; Jan. 12.
- Metering circuit for X-ray apparatus.** L. L. Welsglass. 2,331,364; Aug. 23.
- Metering device, and coin selector.** C. F. Sisk and J. B. Morton, Jr. 2,308,836; Jan. 19.
- Metering device, Liquid.** A. V. Sampsel. 2,330,243; Sept. 28.
- Metering pump.** J. Hurlbut. 2,313,551; Mar. 9.
- Metering system.** W. C. Bennett and W. Melas. 2,318,280; May 4.
- Metering system, Remote.** H. P. Siewert. 2,312,491; Mar. 2.
- Meters, Testing gas.** A. W. Fuller. 2,329,042; Sept. 7.
- Method and apparatus for accelerating paramagnetic particles.** E. L. Belsel. 2,323,786; July 6.
- Method and apparatus for ascertaining the focus of reflectors.** E. J. Westerlund. 2,324,449; July 13.
- Method and apparatus for assembling stators.** V. A. Hoover. 2,327,352; Aug. 24.
- Method and apparatus for blending or mixing.** R. C. Hopkins. 2,333,104; Nov. 2.
- Method and apparatus for bottoming bags.** H. H. Crawford. 2,325,042; July 27.
- Method and apparatus for capsulating liquids.** C. L. Wockesser. 2,325,581-2; July 6.
- Method and apparatus for cheese making.** R. Mollis. 2,324,636; July 20.
- Method and apparatus for cleaning and dehydrating oily wood preservatives.** J. A. Vaughan. 2,314,256; Mar. 16.
- Method and apparatus for coating envelopes for electric lamps.** J. W. Marden and G. Meister. 2,336,946; Dec. 4.
- Method and apparatus for collapsing water waves.** P. Brasher. 2,325,937; Aug. 3.
- Method and apparatus for comminuting or drying materials.** N. N. Stephanoff. 2,325,080; July 27.
- Method and apparatus for conditioning air.** M. A. Ramsey. 2,321,242; June 8.
- Method and apparatus for conditioning and supplying water and carbon dioxide to carbonators.** E. Geertz and C. A. Getz. 2,322,625; June 22.
- Method and apparatus for conditioning and supplying water and carbon dioxide to carbonators.** C. A. Getz. 2,322,627; June 22.
- Method and apparatus for crimping textile fibrous material.** A. Lodge. 2,321,757; June 15.
- Method and apparatus for detecting progressive fractures or the like in heavily stressed working members.** G. R. Gragnade. 2,326,352; Aug. 10.
- Method and apparatus for detecting the presence of blood in eggs.** W. D. Dooley. 2,321,899; June 15.
- Method and apparatus for determining effective porosity.** E. O. Mattocks. 2,323,556; July 6.
- Method and apparatus for determining liquid level.** D. G. C. Hare. 2,323,128; June 29.
- Method and apparatus for drawing and reducing tubular stock.** W. P. Hill. 2,335,939; Dec. 7.
- Method and apparatus for dressing involute grinding wheel profiles.** J. J. Oplack. 2,326,795; Aug. 17.
- Method and apparatus for feeding cut tobacco.** D. W. Molins and F. F. Ruau. 2,326,793; Aug. 17.
- Method and apparatus for foam determination.** J. Ross and G. de Wayne Miles. 2,315,983; Apr. 6.
- Method and apparatus for folding paper.** J. S. Luce. 2,322,647; June 22.
- Method and apparatus for folding valves in the corners of bags and closing the ends of the bags by sewed seams.** H. E. Lee and F. M. Holter. 2,332,324; Oct. 19.
- Method and apparatus for forming air-celled steering wheel cushions.** M. B. Ratner. 2,327,951; Aug. 24.
- Method and apparatus for forming cores.** E. A. Petersen. 2,328,357; Aug. 8.

- Method and apparatus for forming reinforced tape. W. C. Protz. 2,321,512; June 8.
- Method and apparatus for geoelectrical exploration. S. J. G. Pirson. 2,319,764; May 18.
- Method and apparatus for grading eggs. W. D. Dooley. 2,321,900; June 15.
- Method and apparatus for handling materials. F. J. Tobias, P. N. and R. F. Jessen. 2,316,824; Apr. 20.
- Method and apparatus for indicating dissolved oxygen in aqueous liquids. G. OrNSTEIN. 2,320,695; May 25.
- Method and apparatus for loading articles. H. B. Koonce. 2,335,516; Nov. 30.
- Method and apparatus for logging boreholes. L. G. Howell and L. W. Blau. 2,322,634; June 22.
- Method and apparatus for making absorbent pads. J. O. Hunt. 2,322,692; June 22.
- Method and apparatus for making articles. C. W. Le-gallion and O. F. Homeier. 2,334,105; Nov. 9.
- Method and apparatus for making fibrous mineral material. B. Wallrath and L. Basinski. 2,318,821; May 11.
- Method and apparatus for making hollow rubber articles. D. G. Rempel. 2,321,319; June 8.
- Method and apparatus for making photographic montages. F. H. Krug. 2,326,367; Aug. 10.
- Method and apparatus for making tampons. F. W. Manning. 2,326,744; Dec. 14.
- Method and apparatus for making unwoven and composite fabrics. F. W. Manning. 2,336,745; Dec. 14.
- Method and apparatus for manufacturing glassware. F. W. Stewart, M. J. Kelly, and A. J. Reek. 2,329,012; Sept. 7.
- Method and apparatus for manufacturing tubing. R. O. Brooks. 2,322,664; June 1.
- Method and apparatus for measuring porosity of solids. W. L. Horner. 2,327,642; Aug. 24.
- Method and apparatus for melting metals. J. B. Brennan. 2,322,787; June 29.
- Method and apparatus for nut manufacture. C. D. Reed. 2,328,495; Aug. 31.
- Method and apparatus for odorizing liquefied gas. W. C. Dayhuff. 2,322,617; June 22.
- Method and apparatus for oil purification. E. H. Car-ruthers. 2,324,763; July 20.
- Method and apparatus for perforating well casing by gunfire. G. F. Terechok. 2,336,819; Dec. 14.
- Method and apparatus for printing. F. G. Breyer. 2,329,152; Sept. 7.
- Method and apparatus for printing. W. F. Grupe. 2,321,140; June 8.
- Method and apparatus for producing mineral wool. H. T. Coss. 2,325,940; Aug. 3.
- Method and apparatus for producing oil wells. C. A. Moon. 2,319,702; May 18.
- Method and apparatus for producing radio beacons. P. J. Holmes. 2,322,442; June 22.
- Method and apparatus for quantitative analysis of radioactive substances. R. B. Barnes. 2,337,306; Dec. 21.
- Method and apparatus for raising and permanently supporting heavy structures. T. P. Lenahan. 2,322,855; June 29.
- Method and apparatus for reclaiming ultraviolet lamps. E. R. Heiliger. 2,324,390; July 13.
- Method and apparatus for rectifying alternating currents. J. A. Doran. 2,328,264; Aug. 31.
- Method and apparatus for refrigerating transportation enclosures. A. Harris. 2,337,600; Dec. 28.
- Method and apparatus for removing amplitude modulation. E. H. Lange. 2,324,090; July 13.
- Method and apparatus for removing coke from coking chambers. H. C. Kuhn. 2,322,146; June 15.
- Method and apparatus for removing the stresses from plastic sheeting. H. L. Young. 2,320,115; May 25.
- Method and apparatus for reproducing the surface contour of patterns in plastics. M. W. Peebles, J. C. and J. M. Waite. 2,316,143; Apr. 6.
- Method and apparatus for sealing packages. R. M. Wareham. 2,337,170; Dec. 21.
- Method and apparatus for separating solids from fluids. S. W. Briggs. 2,321,985; June 15.
- Method and apparatus for shaping members. W. P. Hill. 2,313,474; Mar. 9.
- Method and apparatus for spinning unwoven fabrics. F. W. Manning. 2,336,743; Dec. 14.
- Method and apparatus for steaming locomotives. L. G. Plant. 2,336,958; Dec. 14.
- Method and apparatus for storing gaseous materials in the liquid phase. J. G. Jackson. 2,328,647; Sept. 7.
- Method and apparatus for storing ice cubes. C. E. Ger-hard. 2,322,626; June 22.
- Method and apparatus for stuffing meats into casings. J. E. Dyrek. 2,313,229; Mar. 9.
- Method and apparatus for taking a series of spectrograph measurements. M. A. Arthur. 2,324,899; July 20.
- Method and apparatus for testing gun chokes. C. A. Brady, Jr. 2,308,672; Jan. 19.
- Method and apparatus for the production of music. F. D. Merrill, Jr. 2,323,231; June 29.
- Method and apparatus for treating fabrics. S. Cohn. 2,321,010; June 8.
- Method and apparatus for treating gasoline. J. J. Allison, J. W. Poole, and F. R. Grant. 2,323,079; June 22.
- Method and apparatus for treating industrial wastes and sewage. B. K. Hartman. 2,322,017; June 15.
- Method and apparatus for treating pineapples. A. E. Stanley. 2,320,054; May 25.
- Method and apparatus for treating wells. O. Barstow. 2,321,970; June 15.
- Method and apparatus for vulcanizing belts and the like. K. B. Kilborn. 2,328,909; Sept. 7.
- Method and composition for corrosion prevention. H. J. Haffner, G. A. Siegelman, and G. H. von Fuchs. 2,324,577; July 20.
- Method and composition for the treatment of air. G. S. Paschal. 2,326,672; Aug. 10.
- Method and device for referring a level in a bore hole to the bottom of said bore hole. M. Schlumberger. 2,332,348; Oct. 19.
- Method and machine for applying closures and sealing jars. G. Glocker. 2,335,052; Nov. 23.
- Method and machine for forming blankets for paper receptacles. F. R. Zimmerman. 2,327,952; Aug. 24.
- Method and machine for generating saw teeth. E. W. Christy and W. S. Dickson. 2,329,879; Sept. 21.
- Method and machine for making closure caps. J. C. Gibbs. 2,308,276; Jan. 12.
- Method and machine for making molded stems for electrical devices. D. S. Gustin and H. K. Richardson. 2,324,885; July 13.
- Method and machine for packaging edible products. J. W. Fay. 2,322,430; June 22.
- Method and machine for severing tubes. W. B. Clifford. 2,321,735; June 15.
- Method and machine for truing grinding wheels. G. F. Johnson. 2,323,401; July 6.
- Method and machine for winding coils. M. Knobel. 2,328,725; Sept. 7.
- Method and material for polishing metal articles. W. G. Balz and L. R. Davidson. 2,318,580; May 11.
- Method and means for measuring profiles and contours. D. C. White. 2,319,569; May 18.
- Method and mechanism for recovering metal. H. J. Love. 2,324,938; July 20.
- Method and optical system for color processes. J. G. Capstaff. 2,321,993; June 15.
- Method and product for producing a cleansing and preserving coating on fruits and vegetables. G. Wehrli. 2,324,448; July 13.
- Method and system for television communication. J. H. Honrighous. 2,320,699; June 1.
- Method for removing weakly acidic substances from substantially neutral organic water-immiscible liquid. G. W. Ayers, Jr., and L. M. Henderson. 2,316,753; Apr. 20.
- Method of and apparatus for air conditioning. G. E. Otis. 2,327,664; Aug. 24.
- Method of and apparatus for applying swatches. P. C. P. Booty. 2,325,578; July 27.
- Method of and apparatus for banding tanks. J. M. Crom. 2,321,465; June 8.
- Method of and apparatus for concentrating liquid products. J. M. Hall. 2,326,142; Aug. 10.
- Method of and apparatus for dewatering comminuted materials. F. K. Knudsen. 2,323,920; July 13.
- Method of and apparatus for dispensing effervescent liquids. R. S. Whaley. 2,331,064; Oct. 5.
- Method of and apparatus for dusting fibrous material. E. Lundgren. 2,324,787; July 20.
- Method of and apparatus for generating pictures of the fundus of the living eye. K. L. Stone and M. L. Pool. 2,327,612; Aug. 24.
- Method of and apparatus for hard facing. R. C. Snyder. 2,326,403; Aug. 10.
- Method of and apparatus for heat treating metal. E. Mittelmann. 2,324,525; July 20.
- Method of and apparatus for manufacturing building covering sheet material. H. C. Koch. 2,321,396; June 8.
- Method of and apparatus for molding fibrous pulp articles. S. F. Montague and L. D. Pierce. 2,320,789; June 1.
- Method of and apparatus for producing hollow glass blocks. H. M. Loudon and C. W. McCreery. 2,336,874; Dec. 14.
- Method of and apparatus for producing pulp articles. M. F. and C. J. Chaplin. 2,326,758; Aug. 17.
- Method of and apparatus for producing tapped resistors. W. Leathers and J. Haddad. 2,319,413; May 18.
- Method of and apparatus for sterilizing milk. H. T. Stiles. 2,322,721; June 22.
- Method of and apparatus for testing coils. L. E. Krebs. 2,322,853; June 29.
- Method of and apparatus for treating coffee. A. J. Hazle. 2,323,771; July 6.
- Method of and apparatus for treating surfaces. L. S. Vertz. 2,325,087; July 27.
- Method of and apparatus for verifying perforated records. W. Leathers, J. Haddad, and W. J. A. Bailey. 2,319,414; May 18.
- Method of and apparatus for washing garments and the like. A. T. Moore and C. R. Ehling. 2,328,026; Aug. 31.
- Method of and apparatus for working mineral materials and the like. J. Burch. 2,327,496; Aug. 24.
- Method of and blank for making slide fasteners. A. E. Carlile. 2,320,566; June 1.

- Method of and machine for assembling inflation valve parts. G. G. Allenbaugh and R. D. Bixler. 2,320,452; June 1.
- Method of and machine for eviscerating fish. P. Danielson. 2,322,831; June 29.
- Method of and machine for knitting heel fabrics in single unit stocking blanks. J. L. Beers. 2,319,769; May 18.
- Method of and machine for molding plastics. J. L. Howie, Jr. 2,312,215; Feb. 23.
- Method of and material for treating metal. C. A. Hochwalt. 2,328,540; Sept. 7.
- Method of cutting gears, splined shafts and the like. E. Wildhaber. 2,327,296; Aug. 17.
- Method of fabricating vacuum tubes. C. V. Litton. 2,320,941; June 1.
- Method of "killing" of adhesive in the forming of bonding seams between sheet portions. J. L. Shively. 2,331,034; Oct. 6.
- Method of manufacture. C. E. Gardner. 2,328,798; Sept. 7.
- Method of lining. W. J. Doelker and G. J. Oswald. 2,316,506; Apr. 13.
- Method of preparing cellulose for esterification. C. J. Malm. 2,315,973; Apr. 6.
- Method relating to protecting plants and the like and to producing means for such purposes. S. V. Lundbeck and B. H. E. Nilsson. 2,326,472; Aug. 10.
- Methylamines. Treatment of. W. Tverman. 2,310,478; Feb. 9.
- Methyl methacrylate molding composition. M. L. Mach. 2,326,543; Aug. 10.
- Methylene bis-azoles. C. D. Wilson. 2,323,503; July 6.
- Methylene diethyl malonates. Preparing. G. B. Bachman and H. A. Tanner. 2,313,591; Mar. 9.
- Methylol B,B'-iminodipropionic acid. R. S. Hanslick. 2,331,677; Oct. 12.
- Methylol urea. Preparation of. H. R. Dittmar and D. E. Strain. 2,321,544; June 8.
- Mica product and producing the same. N. P. Harshberger. 2,332,220; Oct. 19.
- Mica splitting machine. E. P. Cooper and F. N. Lo Presti. 2,329,593; Sept. 14.
- Micrometer. C. W. Eddy. 2,329,598; Sept. 14.
- Micrometer. C. H. Jelley. 2,332,229; Oct. 19.
- Micrometer. J. P. La Vigne. 2,338,001; Dec. 28.
- Micrometer. E. C. Shoemaker. 2,322,167; June 15.
- Micrometer. E. E. Willis. 2,325,351; July 27.
- Micrometer calipers. Attachment for. J. J. Brady. 2,318,285; May 4.
- Micrometer gauge. P. Glenton. 2,325,707; Aug. 3.
- Micrometer gauge. G. F. Heimberger. 2,316,864; Apr. 20.
- Micrometer gauge. M. Maag. 2,316,877; Apr. 20.
- Micrometer gauge. J. W. Todd. 2,337,509; Dec. 21.
- Micrometer. Inside. W. A. Semerak. 2,311,477; Feb. 10.
- Micrometer. Outside. W. A. Semerak. 2,326,571; Aug. 10.
- Micrometer scriber. Depth. E. E. Hewitt. 2,335,513; Nov. 30.
- Micrometer stop. L. B. Huthings. 2,318,691; May 11.
- Micrometric toolholder. V. Post. 2,337,412; Dec. 21.
- Microphone. J. L. Hathaway. 2,309,109; Jan. 25.
- Microphone. Condenser. E. Gerlach. 2,335,662; Nov. 30.
- Microphone. Hearing aid. H. B. Shapiro. 2,327,136-7; Aug. 17.
- Microphone. Magnetostrictive. Y. Record. 2,328,490; Aug. 31.
- Microporous products. Making of. J. A. Baty and A. W. Meyer. 2,329,322; Sept. 14.
- Micro-projector. J. B. Worthington and V. Bartley. 2,312,294; Feb. 23.
- Microscope. E. F. Flint. 2,325,238-9; July 27.
- Microscope. K. W. Harper and E. O. Roeder. 2,328,211; Aug. 31.
- Microscope. G. S. MacDonald. 2,318,871; May 11.
- Microscope objective. M. J. Herzberger. 2,324,081; July 13.
- Microscope. Scanning. J. Hillier. 2,330,888; Oct. 5.
- Microscope. Scanning type of electron. R. L. Snyder, Jr. 2,300,930; Oct. 5.
- Microwave device. E. G. Linder. 2,314,794; Mar. 23.
- Middle sole or insole. Resilient. M. Margolin. 2,334,719; Nov. 23.
- Mileage meter. J. H. Bech. 2,311,812; Feb. 23.
- Miles per gallon gauge. L. T. E. Thompson. 2,330,159; Sept. 21.
- Military tank. C. F. Shaffer. 2,317,412; Apr. 27.
- Military tank. F. S. Wrona. 2,319,178; May 11.
- Milk bottle cover. Insulated. T. Higgins. 2,325,955; Aug. 3.
- Milk can. I. J. B. Demers. 2,320,174; May 25.
- Milk container. Von M. Borzen. 2,324,670; July 20.
- Milk container. J. F. Courteney. 2,321,660; June 15.
- Milk cooler. O. O. Newhouse. 2,308,298; Jan. 12.
- Milk cooling and dispensing device. C. A. Thomas. 2,311,602; Feb. 16.
- Milk product. J. D. Ingle. 2,319,186; May 11.
- Milk product and the manufacture thereof and composition thereof. V. C. E. Le Gloahec. 2,311,343; Feb. 16.
- Milk production curve. C. Staff and N. E. Dewes. 2,332,832; Oct. 26.
- Milk products. Production of solid. O. J. Wouters. 2,319,362; May 18.
- Milk safe. I. Berger. 2,312,745; Mar. 2.
- Milk. Treating. W. T. Crighton. 2,334,317; Nov. 16.
- Milk. Treating. C. G. Hauser, H. O. Bierbaum, and H. J. Miller. 2,335,275; Nov. 30.
- Milk treatment process. D. D. Peebles. 2,336,634; Dec. 14.
- Milking apparatus. O. R. Frost. 2,320,229; May 25.
- Milking apparatus. Cow. C. H. Hapgood. 2,316,065; Apr. 6.
- Mill. See—
- Continuous bar mill. Metal rolling mill.
- Cutter-colloid mill. Ore mill.
- Dispersion mill. Oscillation tube mill.
- Extrusion mill. Pulverizer mill.
- Fulling mill. Rolling mill.
- Grinding mill. Screening mill.
- Hammer mill. Size-reducing mill.
- High-speed mill. Vertical boring mill.
- Welding mill.
- Mill. M. S. Sisulak. 2,325,886; Aug. 3.
- Mill and method. Attrition. I. Chesler. 2,315,083-4; Mar. 30.
- Millstone. M. Macek, Sr., and M. Macek, Jr. 2,330,067; Sept. 21.
- Milling. Continuous. F. Koch. 2,327,531; Aug. 24.
- Milling cutter. B. Reaney. 2,328,494; Aug. 31.
- Milling cutter assembly. A. Kutscha. 2,322,579; June 22.
- Milling machine. F. W. Curtis. 2,327,404; Aug. 24.
- Milling machine. F. A. Hassman. 2,327,107; Aug. 17.
- Milling machine. L. E. Poole. 2,325,541; July 27.
- Milling machine and the like. S. Savage. 2,308,546; Jan. 19.
- Milling machine cherrying attachment. E. F. Aber. 2,322,408; June 22.
- Milling machine control mechanism. F. A. Hassman. 2,308,688; Jan. 19.
- Milling machine transmission and control mechanism. L. F. Nenninger and F. A. Hassman. 2,308,708; Jan. 19.
- Mills. Lubricating cold reducing. W. P. Wilke, III, and De M. M. Erskine. 2,310,563; Feb. 9.
- Mills. Method and means for leveling rolling. A. Zeitlin. 2,332,289; Oct. 19.
- Mills. Sheet thickness gauge for continuous rolling. A. Shayne. 2,332,272; Oct. 19.
- Mine. And, buffer and draft constructions. Combined. A. R. Long. 2,308,374; Jan. 12.
- Mine haulage vehicle. E. M. Arentzen and A. L. Lee. 2,325,730-1; Aug. 3.
- Mine lamp. G. C. Nelms, E. J. Coggeshall, E. A. Berry, and W. K. Wilbur. 2,313,165; Mar. 9.
- Mine machine. E. D. Stronger. 2,332,408; Oct. 19.
- Mine sweeper. S. D. Redmond. 2,326,966; June 1.
- Mine trap door. M. C. Hall. 2,337,716; Dec. 28.
- Mine's lamp. G. Wheat. 2,312,613-14; Mar. 2.
- Mining apparatus. G. W. Lovely. 2,330,437; Sept. 28.
- Mining apparatus. C. F. Osgood. 2,327,928; Aug. 24.
- Mining apparatus. C. F. Osgood. 2,334,576; Nov. 16.
- Mining apparatus. E. Ramsay. 2,329,653; June 1.
- Mining machine. F. Cartledge. 2,329,875; Sept. 21.
- Mining machine. J. R. Cartledge and A. O. Bruestle. 2,319,387; May 18.
- Mining machine. R. K. Jeffrey. 2,329,837; Sept. 21.
- Mining machine. R. K. Jeffrey. 2,334,009; Nov. 9.
- Mining machine. R. K. Jeffrey. 2,334,770; Nov. 23.
- Mining machine. R. K. Jeffrey and L. E. Mitchell. 2,334,772; Nov. 23.
- Mining machine. R. K. Jeffrey and S. C. Moon. 2,334,771; Nov. 23.
- Mining machine. J. F. Joy. 2,333,865; Nov. 9.
- Mining machine. A. F. Lehmann. 2,320,874; June 1.
- Mining machine. W. W. Sloane. 2,397,966; Jan. 12.
- Mining machine bit. O. Phipps. 2,330,081; Sept. 21.
- Mining machine carrier. A. L. Lee. 2,323,817; July 6.
- Mining machine chain lugs. Making. H. M. Morrow. 2,325,792; Aug. 3.
- Mining machine. Kerf-cutting. T. E. Pray. 2,310,314; Feb. 9.
- Mining. Method of and apparatus for. K. L. Konnerth. 2,308,517; Jan. 19.
- Mineral aggregates. Coating. E. B. Tucker and H. M. Grubb. 2,314,111; Mar. 16.
- Mineral concentration. D. W. Jayne, Jr., H. M. Day and S. E. Erickson. 2,322,201; June 15.
- Mineral cutting and piercing. R. B. Aitchison, C. W. Swartout and V. C. Williams. 2,327,482; Aug. 24.
- Mineral fibers. Production of curled. G. von Pазsiczky. 2,331,845; Oct. 19.
- Mineral fortification of foodstuffs and medicinal products. J. S. Andrews, L. H. Evans, and L. J. Huber. 2,310,383; Feb. 9.
- Mineral jig. L. E. Tuthill. 2,328,402; Aug. 31.
- Mineral oil. Beneficiated. E. C. Hughes. 2,308,690; Jan. 19.
- Mineral oil composition and improving agent therefor. O. M. Reiff. 2,326,496; Aug. 10.
- Mineral oil composition and improving agent therefor. O. M. Reiff, F. P. Otto, J. J. Giammaria, and E. A. Overright. 2,316,889; Apr. 20.
- Mineral oil. Compounded. B. E. Farrington, J. O. Clayton and J. T. Rutherford. 2,310,175; Feb. 2.

- Mineral oil, Compounded. B. B. Farrington, J. O. Clayton and J. T. Rutherford. 2,321,804; June 15.
- Mineral oil, Decolorizing a. W. B. Chenault and A. E. Miller. 2,321,459; June 8.
- Mineral oil, Decolorizing a viscous. W. B. Chenault and A. E. Miller. 2,321,458; June 8.
- Mineral oil, Identification of white. A. L. Omohundro and E. C. Fanto. 2,325,421; July 27.
- Mineral oils, Conversion of. D. G. Brandt. 2,325,587; Aug. 3.
- Mineral oils, Refining. G. S. Bays, Jr. 2,317,722; Apr. 27.
- Mineral oils, Refining. A. P. Hewlett. 2,337,467; Dec. 21.
- Mineral oils, Refining. B. R. Strickland. 2,331,244; Oct. 5.
- Mineral oils, Refining of. E. C. Hermann. 2,332,793; Oct. 26.
- Mineral oils, Refining of. H. J. Moyer. 2,311,562; Feb. 16.
- Mineral oils, Refining of. R. Rosen. 2,335,029; Nov. 23.
- Mineral oils, Treating. S. Pilat and M. Godlewicz. 2,315,131; Mar. 30.
- Mineral substances and product, Treating. G. W. Swenson. 2,331,357; Oct. 12.
- Mineral wax composition. L. A. Hamilton, R. C. Moran, and A. R. Cattell. 2,331,469; Oct. 12.
- Mineral white oils, Refining. A. P. Giraltis. 2,335,006; Nov. 23.
- Mineral wool, Method of and apparatus for blowing. C. D. Richardson. 2,315,735; Apr. 6.
- Mineral wool products by the "dry" process, Manufacturing. D. C. Drill. 2,317,895; Apr. 27.
- Minerals, Dressing of earth. S. B. Thomas. 2,322,674; June 22.
- Minerals, Flotation of cement. L. J. Christmann and S. E. Erickson. 2,335,485; Nov. 30.
- Minerals, Froth flotation of acidic. L. J. Christmann, D. W. Jayne, Jr., and S. E. Erickson. 2,312,387; Mar. 2.
- Miniature incandescent lamp. L. W. Curtis. 2,315,504; Apr. 6.
- Mixing breakage of glass during the production of surfaced continuous strips of glass. F. D. Waldron and J. H. Griffin. 2,315,885; Apr. 6.
- Mirror. W. F. Brown. 2,321,987; June 15.
- Mirror. S. Landell. 2,311,400; Feb. 16.
- Mirror. P. Napoli. 2,319,745; May 18.
- Mirror. S. J. Winslow. 2,324,049; July 13.
- Mirror and bracket, Rear view. A. B. Dettmer. 2,310,333; Feb. 9.
- Mirror and supporting arrangement. C. K. Crawford. 2,334,610; Nov. 16.
- Mirror, Automobile vanity. W. F. Vernon. 2,317,656; Apr. 27.
- Mirror case construction. W. H. Colbert. 2,307,568; Jan. 5.
- Mirror devices and the like, Clamping means for. D. E. Reed. 2,336,505; Dec. 14.
- Mirror, First surface. H. M. Lang. 2,333,534; Nov. 2.
- Mirror for cyclists, Rearview. W. H. Pace. 2,329,416; Sept. 14.
- Mirror for vehicles, Rearview. E. O. Park. 2,330,444; Sept. 28.
- Mirror, Hand. E. E. Burlo. 2,336,392; Dec. 7.
- Mirror, Illuminating. J. E. Cleve. 2,325,476; July 27.
- Mirror, Illumination. R. G. Nordquist. 2,313,838; Mar. 16.
- Mirror mounting. C. C. Sheppard. 2,322,395; June 22.
- Mirror, Rear-view. C. E. Allen. 2,326,316; Aug. 10.
- Mirror, Rear view. G. W. Lancaster. 2,315,260; Mar. 30.
- Mirror, Rearview. G. E. Peters and L. E. Russell. 2,333,671; Nov. 9.
- Mirror, Reversible rear view. S. D. Murphy. 2,307,532; Mar. 5.
- Mirror support. J. Garrett. 2,313,532; Mar. 9.
- Mirror, Vehicle passing. B. Bachkai. 2,320,904; June 1.
- Mirrors, Manufacture of. E. J. Ballantine. 2,317,876-7; Apr. 27.
- Mirrors, Manufacture of. A. Levaggi. 2,327,723; Aug. 24.
- Missiles in flight, Producing. W. B. Colvin. 2,309,166; Jan. 26.
- Mixer box. F. J. Gammache. 2,322,433; June 22.
- Mixer box. C. F. Mills. 2,335,783; Nov. 30.
- Mixer gauge. W. H. Woodward. 2,329,235; Sept. 14.
- Mitt, Baseball. H. B. Latina. 2,324,219; July 13.
- Mitt, Gripping. W. Dantolan. 2,319,390; May 18.
- Mitten. J. M. Johanson. 2,323,136; June 29.
- Mitten. C. D. Kopplin. 2,317,785; May 11.
- Mitten. C. G. Wells. 2,315,889; Apr. 6.
- Mixer. See: Fuel mixer. Fuel range fuel mixer. Gas mixer. Juice extractor and mixer. Proportional mixer. Road material mixer. Truck mixer.
- Mixer. E. A. Brown. 2,313,045; Mar. 9.
- Mixer and cooler, Beverage. W. A. Nelson and E. K. Nelson. 2,319,429; May 18.
- Mixer and strainer. P. Schlumbohm. 2,330,012; Sept. 21.
- Mixer-beater shaft lock. G. L. Moeller. 2,329,640; Sept. 14.
- Mixer combination, Hammer-mill. H. H. Harris. 2,333,246; Nov. 2.
- Mixer for internal combustion engines, Gaseous fuel. H. W. Smith. 2,311,315; Feb. 16.
- Mixing and homogenizing apparatus. E. V. Rasmussen. 2,320,469; June 1.
- Mixing and surfacing method. A. L. Stone. 2,318,339; May 4.
- Mixing and whipping apparatus. E. H. Clark. 2,316,562; Apr. 13.
- Mixing apparatus. J. E. Moul and C. H. Petry. 2,337,832; Dec. 28.
- Mixing apparatus. A. Nordstrom. 2,335,955; Dec. 7.
- Mixing apparatus. E. M. O'Neill. 2,333,951; Nov. 9.
- Mixing apparatus. J. N. Selvig. 2,314,166; Mar. 16.
- Mixing device. P. Alexander. 2,330,774; Sept. 28.
- Mixing device. W. A. McLean. 2,313,760; Mar. 16.
- Mixing device. W. A. McLean. 2,319,821; May 25.
- Mixing device. H. C. Porter. 2,322,157; Jan. 15.
- Mixing device. H. L. Stiles. 2,325,434; Jan. 12.
- Mixing device for mixing hot and cold liquids. J. K. Lund. 2,319,418; May 18.
- Mixing device, Gaseous fuel. F. G. Szager. 2,325,285; July 27.
- Mixing feeds with molasses. T. W. Black. 2,319,579; May 18.
- Mixing machine. F. R. Hoop. 2,318,158; May 4.
- Mixing machine. E. P. Rochford, J. Stuart, II, and K. Wassen. 2,312,444; Mar. 2.
- Mixing machine. M. Srob. 2,324,179; July 13.
- Mixing unit. A. Gordon. 2,325,242; July 27.
- Mixing valve. C. A. Brown. 2,334,990; Nov. 23.
- Mixing valve. G. C. Fields. 2,308,165; Jan. 12.
- Mixing valve. G. C. Fields. 2,308,235; Jan. 12.
- Mixing valve. A. K. Hinchman. 2,323,371; Sept. 14.
- Mixing valve construction. C. Groen. 2,317,051; Apr. 20.
- Mixture between a mass of loose material and fluid or fluids. Producing an intimate. S. Steuermann. 2,334,228; Nov. 16.
- Mixture control for internal combustion engines. G. R. Sisson. 2,309,419; Jan. 26.
- Mixtures of olefins and paraffins, Separation of. H. M. Guinot. 2,316,860; Apr. 20.
- Mobile field packing plant. C. McLaren. 2,337,615; Dec. 28.
- Model adapted to illustrate hat-tipping and bowing. G. L. Phillips. 2,332,254; Oct. 19.
- Model banner. B. Castiglia. 2,319,037; May 11.
- Model of frustrums of cones, String. N. Korotzer. 2,312,175; Feb. 23.
- Modulating system. H. C. Ressler. 2,313,583; Mar. 9.
- Modulating system. D. B. Smith. 2,310,324; Feb. 9.
- Modulation. W. van B. Roberts. 2,337,272; Dec. 21.
- Modulation control system. G. M. Brown. 2,325,366; July 27.
- Modulation limiter. H. J. Schrader, B. W. Robins, and J. M. Brumbaugh. 2,335,796; Nov. 30.
- Modulation measuring system. C. D. Keutner. 2,329,625; Sept. 14.
- Modulation system. G. L. Davies. 2,319,535; May 18.
- Modulation system. R. J. Ehret and J. L. Barnes. 2,321,285; June 8.
- Modulation system. C. F. Sheaffer. 2,316,123; Apr. 6.
- Modulation system for velocity modulation tubes. C. V. Litton. 2,312,919; Mar. 2.
- Modulation system, Frequency. M. G. Crosby. 2,315,050; Mar. 30.
- Modulator. H. T. Budenbom. 2,327,866; Aug. 24.
- Moistener, Envelope and stamp. C. E. Baylor. 2,323,004; June 29.
- Modulator, Linear. J. A. Rankin. 2,334,726; Nov. 23.
- Moistener for duplicating machines. S. Kokay. 2,337,721; Dec. 28.
- Moistening apparatus. S. Kokay. 2,307,591; Jan. 5.
- Moistening, combing and ironing machine for furs, Combining. A. Hart. 2,328,643; Sept. 7.
- Moistening crimper for fresh work cigar machines. T. W. Alm. 2,307,738; Jan. 12.
- Moistening means for duplicating apparatus. H. H. Grobecker. 2,337,747; Dec. 28.
- Moistening mechanism. W. E. Denison. 2,313,127; Mar. 9.
- Moistening mechanism. Cigar machine. S. Clausen. 2,337,028; Dec. 21.
- Moisture content of ginned cotton, Establishing the. R. M. Joyce. 2,312,557; Mar. 2.
- Moisture removing device for air compressor systems. M. Dach. 2,316,052; Apr. 6.
- Moistureproofing coating, Heat-sealing. J. P. Sermattei. 2,337,639; Dec. 28.
- Molasses, Color-stable. C. J. Krister. 2,315,626; Apr. 6.
- Molasses fermentation solutions, Treatment of. F. M. Hildebrandt. 2,315,422; Mar. 30.
- Molasses, Packaging dehydrated. L. Chalkley. 2,333,638; Nov. 9.
- Molasses treatment. W. H. Buhrig and H. M. Harff. 2,337,641; Dec. 28.

- Mold: See—
 Burial vault mold. Resilient mold.
 Butter mold. Self-locking plastic
 Centrifugal casting mold. Injection mold.
 Concrete stair mold. Skeleton mold.
 Frozen confection mold. Tire mold.
 Ingot mold. Tire repairing mold.
 Metallic mold. Tire retreading mold.
 Recapping and retreading mold.
- Mold. P. M. Mueller. 2,310,805; Feb. 9.
 Mold. P. M. Mueller. 2,316,180; Apr. 13.
 Mold and making same. M. Carter. 2,324,990; July 20.
 Mold and making the same. J. F. and W. J. Kelly. 2,326,730; Aug. 10.
 Mold and mold composition. F. S. Klesman. 2,322,638; June 22.
 Mold board, Adjustable. E. Stroup. 2,317,560; Apr. 27.
 Mold box. H. L. Fossor. 2,319,291; May 19.
 Mold charging apparatus. E. D. Boyle. 2,320,714; June 1.
 Mold charging mechanism. S. T. Moreland. 2,307,289; Jan. 5.
 Mold construction. H. E. McWane. 2,315,071; Mar. 30.
 Mold filling method and apparatus for performing same. M. Carter. 2,308,071; Jan. 19.
 Mold filling press, Automatic. H. Schmidberger. 2,332,438; Oct. 26.
 Mold for casting thin-walled receptacles. F. J. Moravecky. 2,311,680; Feb. 23.
 Mold for helical springs. R. E. Ward. 2,322,757; June 29.
 Mold for helical springs. R. E. Ward. 2,323,280; June 30.
 Mold for manufacture of dipped articles. G. Farro. 2,320,583; June 1.
 Mold for manufacturing electric discharge vessels. R. Scharfngel. 2,313,025; Mar. 2.
 Mold for paper making machines, Suction cylinder. M. G. R. Newbould. 2,320,553; Sept. 14.
 Mold for tire casings, Sectional. H. L. Baker. 2,330,329; Sept. 28.
 Mold form, Heated. J. A. Miller. 2,311,561; Feb. 16.
 Mold form, Inside. M. Brosius. 2,315,391; Mar. 30.
 Mold lining, Absorptive. A. E. Brooks and B. W. Bender. 2,310,391; Feb. 9.
 Mold locking mechanism. J. N. Smith. 2,335,807; Nov. 30.
 Mold operating mechanism, Glass. E. G. Bridges. 2,307,593; Jan. 5.
 Mold surfaces, Coating foundry. H. K. Salzberg and W. B. Kinney. 2,313,674; Mar. 9.
 Mold surfaces, Coating sand. H. K. Salzberg and W. B. Kinney. 2,313,672; Mar. 9.
 Molded article. H. C. Gahl. 2,315,615; Apr. 6.
 Molded article. E. Van der Pyl. 2,319,182; May 11.
 Molded article and making the same. T. C. Morris. 2,330,233; Sept. 28.
 Molded article, blinder, and process of manufacturing the same. F. J. Johnson. 2,315,713; Apr. 6.
 Molded articles from artificial masses, Manufacture of. F. Hehle and F. Welkart. 2,333,810; Nov. 9.
 Molded cigarette case. O. Mayer. 2,333,685; Nov. 30.
 Molded cushion. P. D. Hammond. 2,316,687; Apr. 13.
 Molded insulating article. N. R. Peterson. 2,336,636; Dec. 14.
 Molded products, Producing. F. P. Hunsicker. 2,329,051; Sept. 7.
 Molded stem. C. A. Horn. 2,310,237; Feb. 9.
 Molder's tool. F. O. Garrison. 2,335,004; Nov. 23.
 Molding. L. Gulid. 2,312,092; Feb. 23.
 Molding. J. C. P. Leemhuis. 2,327,439; Aug. 24.
 Molding. C. V. Smith. 2,319,014; May 11.
 Molding. F. J. Westrope. 2,316,035; Apr. 6.
 Molding and depositing machine for solidifiable plastic materials. W. E. Urschel. 2,314,468; Mar. 23.
 Molding and manufacturing same. W. J. Hall. 2,337,387; Dec. 21.
 Molding apparatus. C. W. Akers. 2,313,716; Mar. 16.
 Molding apparatus. S. Flann. 2,313,313; May 18.
 Molding apparatus. H. Z. Gora. 2,314,823; Mar. 23.
 Molding apparatus. C. W. Groncy and E. Heck. 2,324,991; July 20.
 Molding apparatus. H. G. Schaevitz. 2,333,588; Nov. 2.
 Molding apparatus. C. H. Steel. 2,329,425; Sept. 14.
 Molding apparatus for making thin walled hollow articles. H. M. Dodge. 2,325,752; Aug. 3.
 Molding apparatus for open type cushions. G. W. Blair and J. F. Schott. 2,310,830; Feb. 9.
 Molding. Bead. O. J. Crowe. 2,319,445; May 18.
 Molding, Blind. C. J. Davies and A. C. Lind. 2,310,763; Feb. 9.
 Molding by pulsating centrifugal force. G. A. Rubissow. 2,325,019; July 20.
 Molding composition. J. W. Juppenlatz. 2,313,697; Mar. 9.
 Molding composition. W. B. McCluer. R. W. Hufferd, and F. J. Philippar. 2,337,337; Dec. 21.
 Molding composition. G. W. Whitehead. 2,323,363; July 6.
 Molding composition, Phenolic. F. Rosenthal. 2,326,569; Aug. 10.
 Molding compositions, and products therefrom, Making urea-formaldehyde. L. Smith. 2,329,172; Sept. 7.
 Molding compositions, Vinyl resin. V. Yagve. 2,307,091; Jan. 6.
 Molding compound. Coffee. H. S. Polin. 2,320,649; June 1.
 Molding compounds. M. L. Macht and D. A. Fletcher. 2,321,759; June 15.
 Molding compounds, Manufacture of. B. M. Marks. 2,309,522; Jan. 26.
 Molding die for balance weights. H. J. Kalajian. 2,332,856; Oct. 26.
 Molding, Drip. O. J. Crowe and W. J. Hall. 2,319,723; May 18.
 Molding equipment. J. H. S. Skoning. 2,336,578; Dec. 14.
 Molding flask. W. J. van Rossem. 2,314,377; Mar. 23.
 Molding, Floor. N. C. Kern. 2,328,651; Sept. 7.
 Molding machine. S. L. Gedris. 2,325,501; July 27.
 Molding machine. R. B. Shugart and J. G. Boettcher. 2,313,180; Feb. 19.
 Molding machine. K. O. Tooker. 2,330,762; Sept. 28.
 Molding machine and distributing machine, Pulp. M. P. Chaplin. 2,307,022; Jan. 5.
 Molding machine leveling and clamping mechanism. H. E. Fellows. 2,336,931; Dec. 14.
 Molding machine, Plastic. J. W. Neff. 2,313,476; May 9.
 Molding machine, Vertical rotary. W. J. Williams. 2,317,574; Apr. 27.
 Molding material. W. E. Gloor. 2,328,269; Aug. 31.
 Molding material, Preparation of plastic. R. P. Piperoux, and D. G. Soussloff. 2,316,283; Apr. 13.
 Molding means. W. De Lancy. 2,323,014; June 29.
 Molding method. W. J. van Rossem. 2,314,378; Mar. 23.
 Molding, Method of compression. A. Slatis. 2,332,937; Oct. 26.
 Molding mixtures, Production of. R. Hessen. 2,333,786; Nov. 9.
 Molding powder, Injection. D. R. Wiggam and W. Koch. 2,326,812; Aug. 17.
 Molding press. F. L. Dawes and E. H. Stratton. 2,331,015; Oct. 5.
 Molding press. M. E. Gates. 2,334,082; Nov. 9.
 Molding press. H. Schmidberger. 2,332,937; Oct. 26.
 Molding, Price ticket. L. Hopp. 2,317,192; Apr. 20.
 Molding process. H. B. Hilleman. 2,307,371; Jan. 5.
 Molding process. Vencer. C. U. Gramelspacher. 2,315,322-3; Mar. 2.
 Molding retainer. W. J. Hall. 2,319,678; May 18.
 Molding retaining clip. E. A. Meyer. 2,311,410; Feb. 16.
 Molding, Showcase. C. F. Parker. 2,336,416; Dec. 7.
 Molds and mold compositions. J. B. Seastone and W. E. Mahlin. 2,322,667; June 22.
 Molds, Applying clay to jukering. W. J. Miller. 2,334,640; Nov. 16.
 Molten metals, Method of and apparatus for rolling. A. Schwarz. 2,332,759; Oct. 26.
 Monitor system. O. E. Dow. 2,324,915; July 20.
 Monitoring device. G. L. Dimmick. 2,314,392; Mar. 23.
 Monitoring means, Sound recorder. R. W. Benfer. 2,318,128; May 4.
 Monoalkyl derivatives of 2-methyl-1,4-naphthohydroquinone. G. H. Carlson and B. R. Baker. 2,334,069; Nov. 16.
 Monoalkyl cyanamides, Preparing. W. P. Ericks. 2,331,671; Oct. 12.
 Mono-(Biguanide) benzene monosulphonamide, Preparing. G. F. D'Alelio. 2,331,375; Oct. 12.
 Monococque structure. J. K. Northrop. 2,307,708; Jan. 5.
 Monomers of inner ethers of hexahydric alcohols. K. R. Brown. 2,322,820; June 29.
 Monoethers of chloro-alkyl acetals. E. C. Britton and C. L. Moyle. 2,314,305; Mar. 16.
 Mono-filaments, Production of. K. Heymann. 2,321,746; June 15.
 Monofilaments, Production of. W. I. Newhard. 2,322,094; June 15.
 Monofilaments, Treating. G. G. Oberfell and F. E. Frey. 2,315,871; Apr. 6.
 Monohalotrimethanes, Production of. J. B. Tindall. 2,309,806; Feb. 2.
 Mononitriles of dicarboxylic acids, Manufacture of. B. S. Biggs. 2,322,914; June 29.
 Monorail conveyor. L. J. Stevens. 2,331,860; Oct. 12.
 Monorail tractor. A. P. Anjeskey. 2,318,354; May 4.
 Monosubstituted cyanamide and preparing the same. W. P. Ericks and P. P. McClellan. 2,331,670; Oct. 12.
 Mop. A. A. Rothenblust. 2,310,508; Feb. 9.
 Mop. P. J. Domenk. 2,317,260; Apr. 20.
 Mop. E. H. Petzold, Jr. and R. A. Cherry. 2,318,094; May 4.
 Mop. K. I. Strand. 2,323,687; July 6.
 Mop. H. L. Swartz. 2,318,902; May 11.
 Mop and mop handle. M. Moskowitz. 2,320,291; May 25.
 Mop connector. A. L. Lowe. 2,318,087; May 4.
 Mop construction. N. B. Greenleaf. 2,323,031; June 29.
 Mop construction and the like. J. Feldman. 2,312,086; Feb. 23.
 Mop, Dust. C. Fatland. 2,325,598; Aug. 3.
 Mop, Dusting and polishing. A. M. McCarthy. 2,320,372; June 1.

- Mophead and frame therefor. F. T. Petty. 2,327,551; Aug. 24.
 Mop holder. J. Reed. 2,330,744; Sept. 28.
 Mop holder. L. Reiter. 2,336,702; Dec. 14.
 Mop holder. S. L. Topf. 2,336,516; Dec. 14.
 Mop holder. M. Weinstein. 2,333,607; Nov. 2.
 Mortising machine. G. Maurer. 2,311,451; Feb. 16.
 Mosquito bar support. H. B. Johnson. 2,311,109; Feb. 16.
 Mote control. Pneumatic. C. R. Carr and D. D. Day. 2,328,126; Aug. 31.
 Mote remover. Pneumatic. A. C. Blaylock. 2,318,737; May 11.
 Mothproofing composition. W. Colman and H. L. J. Haller. 2,318,201; May 4.
 Mothproofing composition. H. Martin, H. Zaeslin, C. Glatthaar, and A. Staub. 2,312,923; Mar. 2.
 Motion conversion mechanism. W. J. Culbertson. 2,308,492; Jan. 19.
 Motion conversion mechanism. W. J. Culbertson. 2,309,047; Jan. 19.
 Motion conversion mechanism. W. J. Culbertson. 2,312,318; Mar. 2.
 Motion picture and sound projector. D. G. Moore. 2,310,985; Feb. 16.
 Motion picture machine. Automatic. A. W. Miller and J. H. McMahon. Re. 22,363; Aug. 10.
 Motion picture projection machine. E. Boecking. 2,312,308; Mar. 2.
 Motion picture projector. R. J. Miller. 2,312,663; Mar. 2.
 Motion picture projector. R. J. Miller. 2,336,746; Dec. 14.
 Motion picture projector apparatus. C. Dodegge. 2,324,372; July 13.
 Motion picture, Stereoscopic. F. H. Willis. 2,309,879; Feb. 2.
 Motion transmitting device, especially for measuring apparatus. E. G. Hjärpe and H. V. Törnebohm. 2,331,779; Oct. 12.
 Motion transmitting mechanism. B. Brassell. 2,320,259; May 25.
 Mortising machine. J. H. Mansfield. 2,334,829-30; Nov. 23.
 Motor fuel for primer movers. A. Lysholm. 2,325,618; Aug. 3.
 Motor: See—
 Air motor. Reversible single phase motor.
 Diaphragm pressure motor. Reversing capacitor motor.
 Electric motor. Reversing capacitor motor.
 Electromagnetic motor. Rotary heat motor.
 Explosive turbine motor. Rotary internal combustion motor.
 Fluid motor. Rotary pump or motor.
 Fluid operated motor. Self-starting hysteresis motor.
 Fluid pressure motor. Spring motor.
 Fluid pump or motor. Sprocket motor.
 Hydraulic motor. Submersible electric motor.
 Internal combustion motor. Synchronous motor.
 Multiple unit airplane motor. Transformer motor.
 Permanent magnet motor. Trigger motor.
 Pressure fluid motor. Variable speed motor.
 Pump, compressor, or hydraulic motor. Vibration motor.
 Reciprocating electric motor. Water motor.
 Reciprocating electromagnet motor. Windshield cleaner motor.
 Reciprocating fluid motor. Windshield wiper motor.
 Motor. J. C. Curtis. 2,320,571; June 1.
 Motor. J. J. Gough. 2,317,098; Apr. 20.
 Motor. H. H. Ingersoll. 2,316,960; Apr. 20.
 Motor. E. W. Logan and J. K. Kostko. 2,314,999; Mar. 30.
 Motor. E. Orshansky, Jr. and E. W. Fuller. 2,332,664; Oct. 26.
 Motor. A. Strauss and L. S. Tucker. 2,323,945; July 13.
 Motor actuated device. Heat. H. E. Malone. 2,322,762; June 29.
 Motor and constructing. Internal Combustion. F. H. Emery. 2,311,039; Feb. 16.
 Motor and control thereof. Reciprocating. C. S. Weyand. 2,310,185; Feb. 2.
 Motorcar with parking device. H. Jezler. 2,330,894; Oct. 5.
 Motor construction. Portable electric tool. G. C. Wilhide. 2,320,113; May 25.
 Motor control. H. C. Blodgett. 2,315,582; Apr. 6.
 Motor control. R. P. Dewey. 2,310,941; Feb. 16.
 Motor control. M. J. Johnson. 2,307,134; Jan. 5.
 Motor control. W. E. Menzies and C. J. Werner. 2,317,630; Apr. 27.
 Motor control. S. T. Moreland and P. C. Tracy. 2,326,382; Aug. 10.
 Motor control and apparatus therefor. A. R. Bullock. 2,309,163; Jan. 26.
 Motor control and brake system. G. R. Purifoy. 2,318,330; May 4.
 Motor control apparatus. L. del Riccio. 2,327,581; Aug. 24.
 Motor control for projectors. D. L. Babcock. 2,315,919; Apr. 6.
 Motor control mechanism for filling devices. F. G. Henry. 2,309,246; Jan. 26.
 Motor control. Reversing split phase. W. W. Warner. 2,330,648; Sept. 28.
 Motor control. Split-phase. H. F. Clark. 2,319,490; May 18.
 Motor control. Synchronous. W. R. Wickerham. 2,310,139; Feb. 2.
 Motor control system. B. O. Austin. 2,307,481; Jan. 5.
 Motor control system. B. O. Austin. 2,310,050; Feb. 2.
 Motor control system. C. C. Levy. 2,329,127; Sept. 7.
 Motor control system. D. L. Lindquist, A. E. Handy, and J. D. Lewis. 2,336,106; Dec. 7.
 Motor control system. C. MacDonald, J. W. McNairy and J. F. Tritle. 2,327,809; Aug. 24.
 Motor control system. B. D. Mickey. 2,308,994; Jan. 19.
 Motor control system. G. R. Purifoy. 2,318,331-2; May 4.
 Motor control system. G. R. Purifoy. 2,331,228; Oct. 5.
 Motor control system. M. E. Reagan. 2,307,077; Jan. 5.
 Motor control system. F. D. Snyder. 2,320,896; June 1.
 Motor control system. N. H. Wilby. 2,310,141; Feb. 2.
 Motor control. Variable speed. R. K. Stout. 2,331,354; Oct. 12.
 Motor controller. Rheostatic. K. Perkins. 2,333,814; Nov. 9.
 Motor cooling system. R. M. Heintz. 2,330,121; Sept. 21.
 Motorcycle. T. G. Hare. 2,331,976; Oct. 19.
 Motorcycle construction. W. L. Carlson. 2,329,248; Sept. 14.
 Motorcycle pad holder. J. Fischer. 2,321,192; June 8.
 Motorcycle seat. L. F. Bender. 2,320,210; May 25.
 Motor drive. P. D. Suloff. 2,320,053; May 25.
 Motor drive for toggle links. G. F. Strong. 2,318,814; May 11.
 Motor driven cable reel. J. R. Shoffner. 2,324,329; July 13.
 Motor driven cream separator. Portable. C. R. Stout. 2,310,814; Feb. 9.
 Motor driving mechanism particularly for air propeller shafts. Multiple. F. Nallinger. 2,318,328; May 4.
 Motor for sheep shearing devices. V. A. Wilcox. 2,322,610; June 22.
 Motor fuel. C. B. Kass. 2,324,779; July 20.
 Motor fuel. A. Y. Mottlau and P. Miller. 2,321,311; June 8.
 Motor fuel. T. H. Risk, L. M. Henderson, and A. B. Wilder. 2,312,360; Mar. 2.
 Motor fuel. W. H. Smyers and T. Cross, Jr. 2,310,376; Feb. 9.
 Motor fuel and preparation thereof. R. F. Ruthruff. 2,309,086-7; Feb. 2.
 Motor fuel composition. W. J. Backoff, N. D. Williams, J. F. O'Loughlin, H. L. Moir, and J. S. Yule. 2,312,790; Mar. 2.
 Motor fuel. Manufacture of. L. R. Strawn. 2,311,096; Feb. 16.
 Motor fuel production. G. Armistead, Jr. 2,325,093; July 27.
 Motor fuel production. F. E. Frey. 2,336,005; Dec. 7.
 Motor fuel. Production of. W. J. Sweeney. 2,310,327; Feb. 9.
 Motor ignition cutoff. C. N. Reavis. 2,337,838; Dec. 28.
 Motor mount. T. E. Pilson. 2,323,153; June 29.
 Motor mounting. E. H. Piron. 2,331,628; Oct. 12.
 Motor mounting. E. F. Riesing. 2,308,962; Jan. 19.
 Motor mounting. C. Saurer. 2,308,311; Jan. 12.
 Motor mounting. C. Saurer. 2,308,458; Jan. 12.
 Motor operated key identifier. B. Cooper. 2,325,744; Aug. 3.
 Motor operator assembly. S. C. Shipley, W. H. Ingersoll, and B. Cyr. 2,326,692; Aug. 10.
 Motor pieces of changing sizes and shapes. Producing. J. P. Seitz. 2,334,962; Nov. 23.
 Motor propelling unit. P. M. Lemoigne. 2,313,491; Mar. 9.
 Motor protective device. F. J. Johns. 2,318,076; May 4.
 Motor speed control device. R. E. Drachenberg. 2,312,241; Feb. 23.
 Motor starting control. M. Liwshitz. 2,320,875; June 1.
 Motor support. C. Saurer. 2,332,264; Oct. 19.
 Motor synchronizer. E. Martin and F. W. Caldwell. 2,330,070; Sept. 21.
 Motor synchronizing device. M. Artzt. 2,325,028; July 27.
 Motor system. Variable speed. J. K. Ostrander. 2,319,625; May 18.
 Motor tractor. T. Gavagnin. 2,310,775; Feb. 9.
 Motor vehicle. C. D. Allen. 2,334,980; Nov. 23.
 Motor vehicle. H. W. Alden. 2,309,432; Jan. 26.
 Motor vehicle. W. Banta. 2,331,593; Oct. 12.
 Motor vehicle. H. S. Broadwater. 2,312,071; Feb. 23.
 Motor vehicle. J. R. Ferguson. 2,310,410; Feb. 9.
 Motor vehicle. W. R. Griswold and J. H. O'Brien. 2,319,226; May 18.
 Motor vehicle. R. C. Hoffman. 2,324,703; July 20.
 Motor vehicle. F. A. McFarland. 2,323,340; July 6.
 Motor vehicle. W. R. McFarland. 2,324,713; July 20.
 Motor vehicle. D. D. Ormsby. 2,314,511; Mar. 23.
 Motor vehicle. C. R. Paton. 2,322,661; June 22.
 Motor vehicle. T. Sjöberg. 2,322,477; June 22.

Motor vehicle. J. G. Vincent. 2,317,423; Apr. 27.
 Motor vehicle. J. G. Vincent. 2,322,676; June 22.
 Motor vehicle. E. A. Weiss. 2,323,868; Sept. 7.
 Motor vehicle bumper. D. H. Hextell. 2,312,036; Feb. 23.
 Motor vehicle driving mechanism. A. M. Wolf. 2,317,324; Apr. 20.
 Motor vehicle lighting. H. R. Voorhees and G. E. Breeze. 2,324,742; July 20.
 Motor vehicle lock. J. J. Wharam. 2,314,568; Mar. 23.
 Motor vehicle seat slide. J. T. and L. C. Atwood. 2,335,254; Nov. 30.
 Motor vehicle steering mechanism. E. L. Sitter. 2,331,144; Oct. 5.
 Motor vehicle suspension system. G. H. Dowty. 2,333,095; Nov. 2.
 Motor vehicle wheel. C. H. Wann. 2,323,502; July 6.
 Motor with open-rotor rotor windings. Induction. M. Lwischitz. 2,333,538; Nov. 2.
 Motors. Making. G. P. Daiger. 2,322,924; June 29.
 Motors. Starting device for electric. J. L. Freiberg. 2,330,344; Sept. 28.
 Mount for automatic guns. Hydraulically and pneumatically. A. Dewandre. 2,316,320; Apr. 13.
 Mount for direction signals. R. H. Kershaw. 2,327,905; Aug. 24.
 Mount for long wave quartz crystals. H. Bremer and P. Krones. 2,310,612; Feb. 9.
 Mount for machine gun. J. C. Trotter. 2,318,130; May 4.
 Mount for shearing heads. J. A. Hanley. 2,323,655; July 6.
 Mount for striking bags. Swivel. A. C. Wright. 2,322,081; June 15.
 Mount. Lens. C. F. Nowack and C. M. Lee. 2,319,083; May 11.
 Mount. Motor. N. E. Wahlberg. 2,321,715; June 15.
 Mount. Reflecting lens. R. E. Bitner. 2,323,187; July 6.
 Mount. Register. T. Stephenson. 2,312,590; Mar. 2.
 Mount testing device. J. Flaws, Jr. 2,329,599; Sept. 14.
 Mounting. See—
 Air conditioning unit
 Aircraft control surface mounting.
 Aircraft engine mounting.
 Bearing mounting.
 Boiler mounting.
 Bowl mounting.
 Brake shoe mounting.
 Braking shoe mounting.
 Brush mounting.
 Camera mounting.
 Caster wheel mounting.
 Coupler mounting.
 Cover mounting.
 Crank shaft mounting.
 Dial mounting.
 Drill mounting.
 Engine mounting.
 Fifth wheel mounting.
 Fish net mounting.
 Fishing reel mounting.
 Fishing reel spool mounting.
 Fixture mounting.
 Flag mounting.
 Flame mounting.
 Flight mounting.
 Fluorescent tube mounting.
 Glare shield mounting.
 Gun barrel mounting.
 Harrow disk mounting.
 Harvester platform mounting.
 Mounting. R. C. Henshaw. 2,317,190; Apr. 20.
 Mounting and support means for furnace burners. L. B. Luellen. 2,336,269; Dec. 7.
 Mounting bracket for station protectors. J. S. Baker and R. M. Schultz. 2,309,232; Jan. 26.
 Mounting construction for brake shoes. Single anchor. S. Schnell. 2,325,998; Aug. 3.
 Mounting electron discharge devices. R. M. Smith. 2,323,628; July 6.
 Mounting for aircraft components. P. W. Burke. 2,321,065; June 8.
 Mounting for bicycles. Lamp. L. E. Dempsey. 2,323,900; July 13.
 Mounting for cultivator steels. Spring trip. C. W. Haagen. 2,312,405; Mar. 2.
 Mounting for electrical and other devices. E. N. Lightfoot and E. W. Seeger. 2,321,689; June 15.
 Mounting for electrical apparatus. Cushion. W. M. Bishop. C. Depew, W. Gronos, and V. L. Ronci. 2,320,170; May 25.
 Mounting for fragile finials. A. Koch. 2,311,838; Feb. 23.
 Mounting for heat responsive instruments used in yarn package drying. H. S. Drum and W. C. Dodson. 2,317,896; Apr. 27.
 Mounting for lifting booms. Sheave. E. W. Holmes. 2,321,549; June 8.
 Mounting for laterally extended table tops. W. A. Hillenbrand. 2,329,902; Sept. 21.

Mounting for neon tubes and the like. S. C. Miller. 2,326,792; Aug. 17.
 Mounting for pins of brooches and the like. Pivot. Q. Chiappinelli. 2,330,788; Sept. 28.
 Mounting for plural glassware forming neck pins and thimbles. W. K. Berthold. 2,309,378; Jan. 26.
 Mounting for rear vision mirrors. W. La Hodny and P. Bertell. 2,325,615; Aug. 3.
 Mounting for rotary wing aircraft. Blade. H. F. Pitcairn. 2,311,247; Feb. 16.
 Mounting for sand spreaders. H. R. Moore. 2,323,345; July 6.
 Mounting for stuffing boxes. Wobbler or flexible. R. W. and P. B. Skinner. 2,318,428; May 4.
 Mounting for telescope sights for guns. R. A. Litschert. 2,336,107; Dec. 7.
 Mounting for tractors. Wheel. O. R. Schoenrock. 2,323,682; July 6.
 Mounting material for microscopic specimens. Synthetic. W. D. Fleming. 2,312,329; Mar. 2.
 Mounting means. Business machine. C. R. Mourey. 2,317,934; Apr. 27.
 Mounting means for electrically operated units. R. E. Wood. 2,313,379; Mar. 9.
 Mounting rotating assemblies. R. M. Heintz and B. G. Carlson. 2,334,002; Nov. 9.
 Mounting structure. L. H. Von Ohlsen. 2,328,313; Aug. 31.
 Mountings for electrical apparatus. H. A. Bredehoft. 2,317,965; Apr. 27.
 Mouse trap. D. F. Jorgensen. 2,311,178; Feb. 16.
 Mousetrap. H. J. Peterson. 2,321,617; June 15.
 Mouthpiece. U. L. Blain. 2,330,516; Sept. 28.
 Mouthpiece device. Smoker's pipe. J. H. Shackleton. 2,333,957; Nov. 9.
 Mouthpiece. Nonfreezing. F. G. Manson and J. J. Maskey. 2,314,889; Mar. 30.
 Movable bulkhead for vehicles. E. A. Sweeley and N. T. Anderson. 2,312,939; Mar. 2.
 Movable display device. P. G. Ducarpe. 2,332,845; Oct. 26.
 Movable means for tractor mounting implements. C. W. Mott and H. P. Smith. 2,324,867; July 20.
 Movement generating mechanism. M. J. Binks. 2,335,257; Nov. 30.
 Mower. Earth. E. W. Austin and H. W. Rockwell. 2,332,686; Oct. 26.
 Moving and counter mechanism. Film. L. W. Lessler. 2,320,441; June 1.
 Moving message sign. A. Jansson. 2,328,648; Sept. 7.
 Moving toy and projector therefor. Q. L. Briggs and R. A. Voyls. 2,315,242; Mar. 30.
 Mower. R. D. Clemson. 2,314,077; Mar. 16.
 Mower. R. D. Clemson. 2,319,038; May 11.
 Mower. L. Edwards. 2,309,635; Feb. 2.
 Mower. S. W. Hayes. 2,328,803; Sept. 7.
 Mower. S. E. Hilblom. 2,314,215; Mar. 16.
 Mower. B. S. Oberlink. 2,328,838; Sept. 7.
 Mower. J. E. Underwood. 2,308,218; Jan. 12.
 Mower attachment. J. F. Hansen. 2,335,510; Nov. 30.
 Mower attachment. Lawn. A. Andrews. 2,326,739; Aug. 17.
 Mower for tractors. Side. H. W. Simpson and A. Abgarian. 2,311,095; Feb. 16.
 Mower handles. Making lawn. T. B. Funk. 2,313,139; Mar. 9.
 Mower. Lawn. H. S. Bly. 2,329,383; Sept. 14.
 Mower. Lawn. R. D. Clemson. 2,330,680; Sept. 28.
 Mower. Lawn. R. D. Clemson. 2,332,892; Oct. 26.
 Mower. Lawn. R. H. Hainke. 2,308,076; Jan. 12.
 Mower. Lawn. H. Meltzner. 2,319,425; May 18.
 Mower. Lawn. J. S. Sherer, Jr., and A. J. Richards. 2,313,590; Mar. 9.
 Mower. Lawn. F. J. Vondracek. 2,319,483; May 18.
 Mower. Roadside. J. S. Clapper. 2,329,881; Sept. 21.
 Mower. Tractor. N. D. Colvin. 2,328,617; Sept. 7.
 Mower. Tractor. W. J. Coultas and E. T. Johnson. 2,330,687; Sept. 28.
 Mower. Tractor. P. R. Schroepfel. 2,331,863; Oct. 12.
 Mower. Tractor. W. H. Tanke. 2,320,057; May 25.
 Mowing machine. J. I. Blair. 2,310,388; Feb. 9.
 Mowing machine. J. I. Blair and H. Imbt. 2,310,387; Feb. 9.
 μ -Substituted oxazolones, μ -substituted pentoxazolones and their preparation. D. W. Jayne, Jr., and H. M. Day. 2,329,619; Sept. 14.
 Mucking and loading machine. B. Williams. 2,323,434; July 6.
 Mucking machine. A. R. Biedess. 2,323,368; July 6.
 Mud. Drilling. H. Schindler. 2,331,049; Oct. 5.
 Mud ejection control. C. K. Dyer. 2,330,564; Sept. 28.
 Mud screen. M. Reagan. 2,329,295; Sept. 14.
 Mud trap drilling bit. A. K. Flynn. 2,329,461; Sept. 14.
 Muff. Ear. J. Rosenzweig. 2,333,392; Nov. 2.
 Muffler. A. G. Bergmann. 2,317,246; Apr. 20.
 Muffler. E. J. Dunham. 2,312,242; Feb. 23.
 Muffler. W. C. Jones. 2,313,244; Mar. 9.
 Muffler. G. H. Noblitt and E. Ludlow. 2,337,299-300; Dec. 21.
 Muffler. H. E. Van Voorhees. 2,315,305; Mar. 30.
 Muffler. C. N. Wood. 2,330,534; Sept. 28.
 Mulling apparatus. W. F. Piper. 2,318,797; May 11.

- Multicolored motion pictures with sound track, Production of. W. Schneider, F. Kublier, and N. Senger. 2,323,246; June 29.
- Multicycle straightening, sizing, and polishing machine. W. Siegerist. 2,314,953; Mar. 30.
- Multicylinder liquid pump assembly. B. G. Parsons. 2,332,665; Oct. 26.
- Multifrequency vibration. R. W. Baily. 2,309,033; Jan. 19.
- Multiple bar, self-dumping mold. A. Fritschle. 2,330,277; Sept. 28.
- Multiple bar shaft coupling. S. T. Smith. 2,323,943; July 13.
- Multiple cable connector. B. Dibner. 2,337,155; Dec. 21.
- Multiple cable connector. M. Lee. 2,307,690; Jan. 5.
- Multiple-circuit breaker. D. W. Johnson. 2,322,646; June 22.
- Multiple connector plug. F. J. Faulkner. 2,324,144; July 13.
- Multiple cylinder press. W. J. Riddle. 2,309,983; Feb. 2.
- Multiple detachable coupling. G. H. Hufferd. 2,334,875; Nov. 23.
- Multiple display sheet holder. W. B. Wilson. 2,309,287; Jan. 26.
- Multiple filament electric lamp. H. E. Butler. 2,317,027; Apr. 20.
- Multiple form, Sortable. J. Zalkind. 2,313,285; Mar. 9.
- Multiple garment hanger. R. Roller. 2,334,036; Nov. 9.
- Multiple glass sheet glazing units, Fabricating. J. J. Hoffmeyer. 2,336,544; Dec. 14.
- Multiple glazed units, Manufacturing. E. J. Ballintine and F. F. Painter. 2,335,376; Nov. 30.
- Multiple hitch device. W. H. Silver. 2,319,751; May 18.
- Multiple lamp. L. R. Wellman. 2,307,977; Jan. 12.
- Multiple match book case. G. M. Lee. 2,309,965; Feb. 2.
- Multiple outlet valve, Automatic. A. and A. Genest. 2,313,142; Mar. 9.
- Multiple-ply structure and making the same. A. A. Gassner. 2,315,324; Mar. 30.
- Multiple potentiometer. C. B. Moore. 2,328,664; Sept. 7.
- Multiple power operated mechanism. R. E. Lamberton. 2,334,209; Nov. 16.
- Multiple reservoir fluid medium distribution system. D. Mapes. 2,307,784; Jan. 12.
- Multiple seat structure. M. T. Logan. 2,337,480; Dec. 21.
- Multiple signals, Reducing. C. W. Hansell. 2,310,692; Feb. 9.
- Multiple slip ring. A. Corte. 2,319,443; May 18.
- Multiple suspension file. F. D. Jonas. 2,312,717; Mar. 2.
- Multiple switch and the like. F. V. Flynt. 2,320,774; June 1.
- Multiple unit airplane motor. G. R. Short. 2,336,966; Dec. 11.
- Multiple valve. A. J. Matter. 2,335,525; Nov. 30.
- Multiplex receiving system. A. D. Blumlein. 2,311,021; Feb. 16.
- Multiplexer, Frequency. A. L. Nelson. 2,323,672; July 6.
- Multiple siftproof bag. G. W. Poppe. 2,311,248; Feb. 16.
- Multiplying and dividing machine. J. W. Bryce and A. H. Dickinson. 2,328,610; Sept. 7.
- Multiplying and dividing machine with result checking device therefor, Combined. J. W. Bryce. 2,315,686; Apr. 6.
- Multiplying device. R. B. Johnson. 2,310,438; Feb. 9.
- Multiplying device, Educational. A. E. Maguire. 2,336,742; Dec. 14.
- Multiplying machine. K. C. Atwater. 2,308,259; Jan. 12.
- Multiport lift-turn valve. C. T. McGill. 2,311,989; Feb. 23.
- Multiposition switch. M. L. Glogau. 2,319,503; May 18.
- Multishuttle web replenishing loom. V. H. Jennings. 2,312,170; Feb. 23.
- Multitape-counting wall assembly bench. T. S. Lacey. 2,322,266; June 22.
- Multithrow relay. De W. R. Goddard. 2,323,126; June 29.
- Multiwire product making machine. A. F. Bradley. 2,312,520; Mar. 2.
- Music device, S. Mithallof. 2,322,465; June 22.
- Music display stand, Collapsible. G. H. Todd. 2,309,876; Feb. 2.
- Music stand. C. A. Geib. 2,336,679; Dec. 14.
- Music system, Wired. L. Stone, Jr. 2,312,680; Mar. 2.
- Musical device. H. W. Champion. 2,332,842; Oct. 26.
- Musical directing device. C. C. Gall. 2,325,764; Aug. 3.
- Musical educational device. B. F. Jay. 2,315,793; Apr. 6.
- Musical instrument. P. M. Barth. 2,310,606; Feb. 9.
- Musical instrument. J. A. Koehl. 2,327,720; Aug. 24.
- Musical instrument. P. McAuliffe. 2,309,406; Jan. 26.
- Musical instrument. E. V. Powell. 2,330,379; Sept. 28.
- Musical instrument, Electrical. L. Hammond and J. M. Honert. 2,332,076; Oct. 19.
- Musical instrument, etc. W. W. Mueller. 2,328,574; Sept. 7.
- Musical instrument, Photoelectric. F. J. Darke, Jr. 2,318,144; May 4.
- Musical instrument, Stringed. C. Gugino. 2,335,244; Nov. 30.
- Musical instrument, Stringed. J. W. McBride. 2,316,799-800; Apr. 20.
- Musical instruments, Transducer for stringed. H. Benloff. 2,334,744; Nov. 23.
- Mute. C. Spivak. 2,318,535; May 4.
- Mutoscope. A. Berger. 2,317,881; Apr. 27.
- N-acetyl aromatic amine, Preparing an. G. G. Lahr and W. T. Daddow. 2,337,825; Dec. 28.
- N'-alkyl, metal-N'-N',-dihalogen-acylsulphanilamides. M. E. Hultquist and M. L. Crossley. 2,328,455; Aug. 31.
- N-monomethyl-p-aminophenol, Preparation of. F. R. Bean. 2,315,922; Apr. 6.
- N-monomethyl-p-aminophenol, Treatment of. T. E. Wamnakker. 2,313,605; Mar. 9.
- N-P-amino and acyl-P-aminoarylsulphonylamido-pyridine-carboxylic acids and thermal decomposition product thereof. L. J. Szabo. 2,321,332; June 8.
- N-polyalkylene polyaminomalonamides. L. H. Bock and A. L. Houk. 2,325,567; July 27.
- N-polyhydroxyalkylated amines of the benzene series. R. Kuhn and R. Strobele. 2,330,222; Sept. 28.
- N-sulphonylureas, Preparing. E. Haack. 2,312,404; Mar. 2.
- N-vinyl lactams. W. Reppe, H. Krzikalla, O. Dornheim, and R. Sauerbier. 2,317,804; Apr. 27.
- Nail and fastener. E. Gisondi. 2,325,766; Aug. 3.
- Nail and its manufacture. E. S. Clarke. 2,329,744; Sept. 21.
- Nail file, Resilient. R. J. Pouech. 2,308,624; Jan. 19.
- Nail, Finishing. C. E. Crooks. 2,314,481; Mar. 23.
- Nailhead, Self-embedding. E. Swedman. 2,317,231; Apr. 20.
- Nail machine, Cut. B. N. Bletso and G. H. Perkins. 2,317,247; Apr. 20.
- Nail, Roofing and packing. A. J. Gray. 2,334,406; Nov. 16.
- Nailing machine. A. E. Richards and M. Roberts. 2,319,345; May 18.
- Nailing machine. A. E. Richards and M. Roberts. 2,326,887; Aug. 17.
- Naphthalenic derivatives and obtaining same. W. F. Kamm and B. F. Tullar. 2,334,200-1; Nov. 16.
- Naphthalene, Purification of. D. F. Wilcock. 2,321,117; Jan. 28.
- Naphthalene, Recovery. J. Happel. 2,336,244; Dec. 7.
- Naphthalene vaporization and oxidation. S. P. Miller. 2,329,638; Sept. 14.
- Naphthalenic compounds. E. A. Doisy, S. A. Thayer, S. B. Binkley, R. W. McKee, and D. W. MacCorquodale. 2,313,739; Mar. 16.
- Naphthoquinone oxides. M. Tishler. 2,312,504; Mar. 2.
- Naphthoquinone oxides and preparing the same. L. F. Fleiser. 2,312,535; Mar. 2.
- Naphthoquinones, Substituted. M. Tishler. 2,325,439; July 27.
- Napkin, Sanitary. A. A. Stonehill. 2,312,501; Mar. 2.
- Natural fruit juices and eliminating cannery waste, Producing. R. E. Harris. 2,320,036; May 25.
- Navigation computer. T. L. Thurlow and S. M. Burka. 2,311,005; Feb. 16.
- Navigation guide. T. Brocky. 2,337,587; Dec. 28.
- Navigation instrument, Aircraft. W. P. Lear. 2,321,606; Jan. 5.
- Navigation coordinator. R. E. Jasperson. 2,314,353; Mar. 23.
- Navigation guide system. G. V. Nolde. 2,321,698; June 15.
- Navigation timepiece and setting mechanism. T. P. Conlon. 2,324,560; July 20.
- Needle. W. Naftali. 2,311,460; Feb. 16.
- Needle engaging collar. J. P. Wilson. 2,313,857; Mar. 16.
- Needle knot protector. O. G. Koivisto. 2,316,002; Apr. 6.
- Needle protecting and conditioning means. F. Jerdone, Jr. 2,312,249; Feb. 23.
- Needle, M. Nebel. 2,326,964; Aug. 17.
- Needle actuating mechanism for zigzag-stitch sewing machines. A. N. Hale. 2,324,836; July 20.
- Needle-bar vibrating mechanism. A. R. Wood. 2,311,194; Feb. 16.
- Needle bearing. R. F. Stallman. 2,334,227; Nov. 16.
- Needle clamp for surgical stitching instruments. J. D. Karle. 2,336,690; Dec. 14.
- Needle, Continuous stitch. C. A. and R. H. Otting. 2,309,528; Jan. 26.
- Needle cooling apparatus. A. J. Giglio. 2,316,648; Apr. 13.
- Needle cooling device. A. J. Giglio. 2,316,647; Apr. 13.
- Needle dispensing mechanism, Automatic. S. Israel. 2,309,320; Jan. 26.
- Needle, Folding. E. P. Foster. 2,322,573; June 22.
- Needle for making matted fabrics. E. M. Lapham. 2,318,235; May 4.
- Needle holder. J. G. Russell. 2,319,829; May 25.
- Needle knitting machine, Circular independent. H. N. Holmes and A. P. Saunders. 2,313,642; Mar. 9.
- Needle pad. G. Mock. 2,328,832; Sept. 7.
- Needle, Pointed bearded knitting machine. R. C. Amidon. 2,318,586; May 11.
- Needle, Punch. G. A. Carlson. 2,319,442; May 18.

- Needle, Surgical. J. D. Karle. 2,336,689; Dec. 14.
- Needle threader. J. S. Kahn. 2,311,665; Feb. 23.
- Needle-vibrating mechanism for sewing machines. A. N. Hale. 2,310,176; Feb. 2.
- Needle-vibrating mechanism for sewing machines. W. Myers. 2,308,707; Jan. 10.
- Needle-vibrating mechanism for sewing machines. F. F. Zener. 2,329,681; Sept. 14.
- Needle-vibrating mechanism for sewing machines. S. Zonis. 2,321,447; June 8.
- Needles and needles articles, Manufacture of. S. J. Everett. 2,326,022; Aug. 3.
- Negative, Dropout half-tone. L. Zukmann. 2,315,101; Mar. 30.
- Negative element. W. C. Toland and E. Bassist. 2,327,380; Aug. 24.
- Negative feedback detector. J. W. McRae. 2,315,442; Mar. 30.
- Negative positioner for enlarging printers. R. Bolton. 2,329,690; Sept. 21.
- Negative resistance device. W. van B. Roberts. 2,315,658; Apr. 6.
- Neon sign post support. S. C. Miller. 2,330,835; Oct. 5.
- Neoprene, Reclaiming. H. A. Winkelmann. 2,313,693; Mar. 9.
- Nested serving device. A. R. Fergusson. 2,315,608; Apr. 6.
- Net. Hair. S. Henry. 2,314,396; Mar. 23.
- Net. Hair. L. J. F. Morris. 2,329,478; Sept. 14.
- Network, Coupling. H. W. Bode. 2,337,905; Dec. 28.
- Network distribution system. M. A. Bostwick. 2,310,832; Mar. 9.
- Network distribution system. M. A. Bostwick. 2,315,585; Apr. 6.
- Net. Yielding barrier. E. D. Sawyer. 2,324,726; July 20.
- Neurological unit. J. R. Newstedt and J. B. Millet. 2,315,160; Mar. 30.
- Neutral relay. Electrical polar. P. K. Eckhardt. 2,336,782; Dec. 14.
- Neutral substances containing oxygen from oils containing such substances, Recovering. R. Bemann. 2,315,182; Mar. 30.
- Neutralization. S. J. Holuba. 2,325,320; July 27.
- Neutralizer composition. H. C. Dod and J. B. Lewis. 2,334,255; Nov. 16.
- Neutralizer, Fault-current. R. L. Witzke. 2,329,096; Sept. 7.
- Neutralizer, Ground fault. F. D. Fielder. 2,315,609; Apr. 6.
- New process. A. F. Hardman. 2,328,802; Sept. 7.
- Nickel-base alloy. J. H. Brennan. 2,315,497; Apr. 6.
- Nickel deposition. Semibright. A. Wesley and J. W. Gage. 2,316,203; Apr. 13.
- Nickel plating. E. M. Baker. 2,312,517; Mar. 2.
- Nickel plating. R. Lind. W. J. Harsbaw, and K. E. Long. 2,326,999; Apr. 17.
- Nitramid, Producing. M. E. Hultquist. 2,314,843; Mar. 23.
- Nitroline derivatives. A. Burger. 2,315,314; Mar. 30.
- Nigger bar. G. R. Dodson. 2,336,722; Dec. 14.
- Nightgown. Maternity. D. H. Leary. 2,324,856; July 20.
- 9,9'-biphenyl-2,2'-diyl-fluorene. H. A. Bruson. 2,320,029; May 25.
- Nitrate derivative, Nitroethyl. R. F. B. Cox. 2,330,112; Sept. 21.
- Nitrated bornyl phenols and preparing the same. R. O. Roblin, Jr., and I. Hechenbleikner. 2,311,282; Feb. 16.
- Nitrated lignocellulose. E. C. Jahn and S. Coppick. 2,313,441; Mar. 9.
- Nitric oxide and hydrocarbons from gaseous mixtures, Recovery of. E. B. Hodge. 2,309,845; Feb. 2.
- Nitrite compounds, Manufacture of. W. Salzer and H. Andersag. 2,315,661; Apr. 6.
- Nitrites, Preparing. R. H. Potts and C. W. Christensen. 2,314,894; Mar. 30.
- Nitrite composition. F. S. Chambers, Jr. 2,316,154; Apr. 13.
- Nitroamino guanidine as initiating charge in firing devices, Use of lead salts of. Le R. V. Clark. 2,326,008; Aug. 3.
- Nitroaryl amine sulphonic acids of 1,3-benzazoles. F. Zwilgmeyer. 2,336,664; Dec. 14.
- Nitrocellulose coating compositions, Preparing pigmented. C. A. Doran and C. R. De Bow Jr. 2,328,625; Sept. 7.
- Nitrocellulose to recover nitrating acids, Washing. F. Nessler. 2,310,862; Feb. 9.
- Nitro compounds from aqueous alcoholic mixtures containing nitromethane, Recovery of. M. Senkus. 2,317,557; Apr. 27.
- Nitro compounds, Halogenation of. E. T. McBee and E. F. Riley. 2,337,912; Dec. 28.
- Nitro compounds, Production of. R. G. Franklin and F. J. Wilkins. 2,314,615; Mar. 23.
- Nitrogen and oxygen, Recovery of. F. Koehler. 2,334,632; Nov. 16.
- Nitrogen bases, Recovery of. S. H. McAllister and S. A. Ballard. 2,309,324; Jan. 26.
- Nitrogen chloride, Preparation of. A. G. Osterhuis. 2,328,484; Aug. 31.
- Nitrogen derivatives of carbon compounds, Manufacturing. W. E. Forney. 2,331,968; Oct. 19.
- Nitrogen from air, Extracting pure. R. M. Hortvet. 2,314,827; Mar. 23.
- Nitrogen oxide from gases, Removal of. L. J. Marcotte. 2,325,006; July 27.
- Nitrogen sulphide, Manufacture of. L. R. Carl. 2,337,798; Dec. 28.
- Nitrogenous condensation product. O. Grimm and H. Rauch. 2,328,901; Sept. 7.
- Nitrogenous condensation products, Preparing valuable. H. Ulrich and K. Kuespert. 2,312,135; Feb. 23.
- Nitrogenous hydrophilic ester of a water-soluble polybasic acid. T. B. Wayne. 2,307,813; Jan. 12.
- Nitro glycol. E. F. Degering and A. Sprang. 2,327,961; Aug. 24.
- Nitroguanidine. K. D. Ashley. 2,318,577; May 11.
- Nitrolignin molding composition and making the same. H. Burrell. 2,310,010; Feb. 2.
- Nitrosol. Preparation of. C. P. Spaeth. 2,311,784; Feb. 23.
- Noise control circuit. B. Trevor. 2,316,902; Apr. 20.
- Noise reduction in telephone transmission systems. J. T. L. Brown. 2,321,986; June 15.
- Noise reduction measuring system. M. E. Collins. 2,337,974; Dec. 28.
- Nozzling fifth wheel. J. Johnston. 2,320,278; May 25.
- Non-overflow and vent construction for storage batteries. G. S. Biles. 2,330,669; Sept. 28.
- Nonoverflow device. R. H. Hill. 2,310,080; Feb. 2.
- Nonoverflow device. R. H. Hill. 2,337,750; Dec. 28.
- Nonoverflow device with centering means. O. O. Rieser. 2,308,830; Jan. 19.
- Nonreturn mixing valve. P. C. Symmons. 2,308,127; Jan. 12.
- Nonskid attachment for shoes. S. L. Gingo. 2,316,062; Apr. 6.
- Nonspill vent plug. C. H. King and G. C. Appel. 2,315,431; Mar. 30.
- Notse board for axminster looms. W. Y. Robb. 2,337,145; Dec. 21.
- Notching and blank forming apparatus. E. V. Crane. 2,325,230; July 27.
- Notching machine and method. J. H. Fridén. 2,320,272; May 25.
- Notching mechanism. J. F. Peters. 2,330,235; Sept. 28.
- Note, Bank. H. E. Kallmann. 2,330,718; Sept. 28.
- Nozzle. C. A. Bevington. 2,336,433; Dec. 14.
- Nozzle. J. Lucas. 2,333,727; Nov. 9.
- Nozzle. F. G. Schloz. 2,321,428; June 8.
- Nozzle, Atomizing. J. T. Voorheis. 2,321,532; June 8.
- Nozzle, Automatic dispensing. J. Frank. 2,309,503; Jan. 26.
- Nozzle, Burner. N. J. Gendron. 2,324,147; July 13.
- Nozzle cleaning tool. W. R. Linden. 2,318,696; May 11.
- Nozzle, Dispensing. P. H. Valiton. 2,329,426; Sept. 14.
- Nozzle, Fire extinguishing. T. W. Burnam. 2,329,390; Sept. 14.
- Nozzle, Fire hose. C. F. Becker and H. G. Krieping. 2,307,014; Jan. 5.
- Nozzle, Fire hose. P. R. Boothman. 2,313,614; Mar. 9.
- Nozzle, Fire hose. B. Smith. 2,331,741; Oct. 12.
- Nozzle, Fire hose. H. L. Dowell and G. I. Shelton. 2,334,395; Nov. 16.
- Nozzle, Fluid discharge. A. F. de la Calle. 2,321,017; June 8.
- Nozzle for tempering bottles and other glass containers, Internal. C. E. Mongan, Jr. 2,321,555; June 8.
- Nozzle for tempering hollow glassware, Cooling. W. E. Aksomitas. 2,309,290; Jan. 26.
- Nozzle for vacuum cleaners. C. A. Brock. 2,325,739; Aug. 3.
- Nozzle, Fuel injector. C. P. Ross. 2,332,535; Oct. 26.
- Nozzle, Hose. F. O. Davis. 2,333,767; Nov. 9.
- Nozzle, Hose. A. L. Grise. 2,330,704; Sept. 28.
- Nozzle, Illuminating means. J. F. Kendrick. 2,330,692; Sept. 28.
- Nozzle, Injection. F. Buck. 2,337,731; Dec. 28.
- Nozzle, Liquid dispensing. F. B. Eilers and F. J. Graef. 2,311,292; Feb. 16.
- Nozzle, Liquid dispensing. F. B. Eilers and F. J. Graef. 2,318,933; May 11.
- Nozzle, Liquid dispensing. H. M. Groomes. 2,324,150; July 13.
- Nozzle, Quenching. H. E. Somes. 2,321,431; June 8.
- Nozzle, Quill. F. B. Downing, Sr. 2,309,384; Jan. 26.
- Nozzle, Reaction. F. Neugebauer, A. Franz, S. Decher, and K. Meissner. 2,317,795; Apr. 27.
- Nozzle, Rug. A. E. Ross. 2,335,448; Nov. 30.
- Nozzle, Sand blast. R. O. Howard. 2,325,517; July 27.
- Nozzle, Sand blast. W. J. McDermott. 2,333,264; Nov. 2.
- Nozzle, Sandblast. E. Van der Pyl. 2,332,281; Oct. 19.
- Nozzle, Sausage stuffing. C. T. Walter. 2,325,446; July 27.
- Nozzle, Spray. L. O. French. 2,308,504; Jan. 19.
- Nozzle, Spray. D. P. Glessner. 2,323,464; July 6.
- Nozzle, Spray. J. W. Grant. 2,313,994; Mar. 16.
- Nozzle, Spray. Le R. E. Gruett. 2,325,008; July 20.
- Nozzle, Spray. J. O. Lewis. 2,310,798; Feb. 9.
- Nozzle, Spray. J. O. Lewis. 2,318,931; Mar. 11.
- Nozzle, Spray. T. W. Murphy. 2,319,767; May 18.
- Nozzle spray regulator. E. E. Thomas. 2,329,231; Sept. 14.

- Nozzle, Suction. C. L. Brown, Jr. 2,333,409; Nov. 2.
 Nozzle, Suction. G. H. Cranmer. 2,333,471; Nov. 2.
 Nozzle, Suction. E. O. H. Hansson. 2,329,927; May 25.
 Nozzle, Suction. G. E. Lofgren. 2,318,317; May 4.
 Nozzle, Suction. A. E. Ross. 2,320,545; June 1.
 Nozzle, Suction. A. W. Seyfried. 2,310,554; Feb. 9.
 Nozzle used for sand blasting purposes. C. D. Spence. 2,332,407; Oct. 19.
 Nozzle with automatic shutoff, Filling. A. H. Davis, Jr. 2,320,033; May 25.
 Nozzle with automatically retractable surface-contacting element, Suction. A. E. Ross. 2,324,111; July 13.
 Nozzles, Making. H. G. Freeman and F. Hencinski. 2,318,769; May 14.
 Nozzles, Making blowpipe. E. J. W. Egger, C. V. Johanson, and R. B. Smith. 2,334,257; Nov. 16.
 Nuclear substituted triarylmethane derivatives and making them. L. Chalkley. 2,325,038; July 27.
 Numbering machine. A. G. Riesenberger. 2,315,081; Mar. 30.
 Numerical type face. M. Maul. 2,310,856; Feb. 9.
 Nursing bottle valve. V. Parkin. 2,321,236; June 8.
 Nursing device. A. M. Kazimirov. 2,311,397; Feb. 16.
 Nut. J. B. Hower. 2,307,405; Jan. 5.
 Nut anchor. F. R. Heinick. 2,331,322; Oct. 12.
 Nut and attachment, Weldable. D. La Barre. 2,336,791; Dec. 14.
 Nut and bolt device. P. E. Flowers. 2,337,984; Dec. 28.
 Nut and bolt lock. R. Hofstetter. 2,325,608; Aug. 3.
 Nut and making same. C. L. Brackett. 2,333,290; Nov. 2.
 Nut and manufacture, Lock. H. F. Gade. 2,314,780; Mar. 23.
 Nut and plate assembly and making the same, Welded. R. V. Heilman. 2,321,201; June 8.
 Nut assembly. L. E. Olsen. 2,313,763; Mar. 16.
 Nut, Attaching. E. E. Howe. 2,335,593; Nov. 30.
 Nut, Collapsible antifriction. J. C. Wilson. 2,321,442; June 8.
 Nut cracker and sheller. A. D. Goodwin. 2,324,382; July 13.
 Nut-cracking apparatus. E. N. Vigneau. 2,319,757; May 18.
 Nut cracking machine. H. S. Buckman. 2,321,795; July 15.
 Nutcracking machine. L. K. Maulsby and J. A. McGrann. 2,319,820; May 25.
 Nut cracking mechanism. F. E. Smith. 2,316,025; Apr. 6.
 Nut, Crown castellated. H. J. Crabbs. 2,307,919; Jan. 12.
 Nut device, Lock. H. J. Murphy. 2,314,728; Mar. 23.
 Nut, Diaphragm lock. L. D. Danforth. 2,320,030; May 25.
 Nut fastening device. G. A. Tinnerman. 2,315,359; Mar. 30.
 Nut grading and cracking machine. P. L. Abbott. 2,307,656; Jan. 5.
 Nut guard. R. Lambert-Carez. 2,323,058; June 29.
 Nut, Lock. W. A. Bedford, Jr. 2,314,756; Mar. 23.
 Nut, Lock. H. Chaskin. 2,336,164; Dec. 7.
 Nut, Lock. R. C. Churchman. 2,322,347; June 22.
 Nut, Lock. L. D. Danforth. 2,320,032; May 25.
 Nut lock. A. J. Earley. 2,318,473; May 4.
 Nut lock. E. E. Hall. 2,336,094; Dec. 7.
 Nut, Lock. I. Richardson. 2,326,681; Aug. 10.
 Nut, Lock. W. and C. S. Shippee. 2,326,261; Aug. 10.
 Nut, Nonloosable. E. E. Simms. 2,324,175; July 13.
 Nut process. A. F. Stagmeier. 2,318,265; May 4.
 Nut retainer. J. P. Burke. 2,326,285; Aug. 10.
 Nut retainer. H. J. Murphy. 2,333,386; Nov. 2.
 Nut retainer for electrical connectors. B. Dibner. 2,312,240; Feb. 23.
 Nut, Self-locking. F. W. Brooke. 2,325,303; July 27.
 Nut, Self-locking. E. J. Cole. 2,337,030; Dec. 21.
 Nut, Self-locking. H. F. Gade. Re. 22,243; Jan. 5.
 Nut, Self-locking. H. F. Gade. 2,316,684; Apr. 13.
 Nut, Self-locking. D. C. Hungerford. 2,318,398; May 4.
 Nut separating machine. Le R. L. Stevens. 2,318,976; May 11.
 Nut setter. P. van Sittert and A. J. Lev. 2,313,603; Mar. 9.
 Nut, Sheet metal. B. A. Parr. 2,318,708; May 11.
 Nut structure, Locking. E. C. Crowther. 2,321,466; June 8.
 Nut, Swivelley mounted. P. J. Healy. 2,324,388; July 13.
 Nut tapping machine. H. Goldberg. 2,336,478; Dec. 14.
 Nuts and internally screw-threaded member, Self-locking. O. E. Stimmonds. 2,324,731; July 20.
 Nuts, Making self-locking. E. J. Cole. 2,337,372; Dec. 21.
 Nuts, Manufacture of self-locking. D. C. Hungerford. 2,318,397; May 4.
 Nuts, Manufacture of self-locking. W. Ruthven. 2,330,999; Oct. 5.
 Nuts, Manufacturing lock. R. O. Chaffee. 2,317,094; Apr. 20.
 o-Hydroxybenzene-carboxylic acids and manufacture, Derivatives of. J. Bindler. 2,312,864; Mar. 2.
 Oar actuating apparatus. J. V. L. Sertin. 2,320,664; June 1.
 Oarlock, Bow-facing. P. M. Griffin. 2,323,323; July 6.
 Oarlock for sculling. G. McKelvey. 2,324,311; July 13.
 Oar structure for rowboats. S. T. Aarestad. 2,309,491; Jan. 26.
 Objectives. R. K. Luneburg. 2,328,157; Aug. 31.
 Objects of metals and alloys, Making drawn, pressed, or stamped cupped. B. E. Eldred. 2,312,880; Mar. 2.
 Obstetrical instrument. E. F. Alleyne. 2,323,183; June 29.
 Octane blending stocks, Production of high. J. Burgin. 2,337,640; Dec. 28.
 Octozone generator. H. W. Schuette. 2,308,111; Jan. 12.
 Odorimeter. A. Pollak and T. A. Willingham. 2,327,060; Aug. 17.
 Office desk. B. C. Wilson. 2,323,107; June 29.
 Offset pedestal chair. W. J. Barga. 2,308,349; Jan. 12.
 Offset piston ring. T. A. Bowers. 2,311,731; Feb. 23.
 Oil accelerator. E. S. Scheble. 2,313,896; Mar. 16.
 Oil and demulsion, Spray. M. T. Flaxman. 2,327,152; Aug. 17.
 Oil and gas wells for improvement of production therefrom, Treating. H. T. Kennedy. 2,337,295; Dec. 21.
 Oil and gas wells, Operating high pressure. J. L. Hill. 2,309,075; Jan. 19.
 Oil and product obtained thereby, Treating tall. A. F. Oliver and R. C. Palmer. 2,317,797; Apr. 27.
 Oil and stabilizing same. S. Musher. 2,314,364; Mar. 23.
 Oil and water emulsion containing electrolytes. K. R. Brown. 2,322,822; June 29.
 Oil burner. J. A. D'Elia. 2,331,683; Oct. 12.
 Oil burner. W. Ferguson. 2,325,495; July 27.
 Oil burner. W. F. Klockau. 2,312,559; Mar. 2.
 Oil burner. E. L. McCurtain. 2,337,673; Dec. 28.
 Oil burner. A. W. Morse and V. Singer. 2,316,881; Apr. 20.
 Oil burner. B. J. Petsel. 2,333,815; Nov. 9.
 Oil burner. F. Ravnsbeck. 2,311,571; Feb. 16.
 Oil burner. F. Ravnsbeck. 2,323,567; July 6.
 Oil burner. R. D. Schoenwetter. 2,319,636; May 18.
 Oil burner. G. C. Smith and J. E. Carlberg. 2,319,708; May 18.
 Oil burner and control system, Dual flame. B. L. Galumbeck. 2,315,412; Mar. 30.
 Oil burner and liquid fuel inlet therefor. J. L. Breese. 2,337,734; Dec. 28.
 Oil burner blower housing. L. I. Aldrich. 2,316,542; Apr. 13.
 Oil burner construction. R. C. Sabins. Re. 22,332; June 8.
 Oil burner control. A. Macchi. 2,325,964; Aug. 3.
 Oil burner electrode and mounting means therefor. W. W. Slaght. 2,311,601; Feb. 16.
 Oil burner extension for furnaces. C. E. Fisher. 2,312,617; Nov. 16.
 Oil burning apparatus. H. B. Donley. 2,316,226-7; Apr. 13.
 Oil burning apparatus. H. B. Donley. 2,337,088; Dec. 21.
 Oil burning heating unit. R. Martin. 2,332,736; Oct. 26.
 Oil can with center operating handle. J. B. Swan. 2,334,044; Nov. 3.
 Oil, Catalytic conversion of hydrocarbon. C. L. Thomas. 2,308,792; Jan. 19.
 Oil cleaning apparatus. W. C. McBain. 2,337,260; Dec. 21.
 Oil composition and improving agent therefor, Mineral. O. M. Reiff. 2,319,189; May 11.
 Oil composition and producing the same, Synthetic drying. C. C. Allen and V. E. Haurly. 2,317,663; Apr. 27.
 Oil composition, Cutting. T. G. Roehner and L. H. Sudholz. 2,308,427; Jan. 12.
 Oil composition, Lubricating. W. L. Finley, M. P. Kleinholz, and F. M. Watkins. 2,337,380; Dec. 21.
 Oil composition, Lubricating. V. N. Jenkins. 2,320,241; May 25.
 Oil composition, Mineral. R. C. Moran, E. E. Reid, and L. A. Hamilton. 2,322,093; June 15.
 Oil composition, Mineral. O. M. Reiff. 2,319,190; May 11.
 Oil composition, Stabilized. E. W. Fuller. 2,336,006; Dec. 7.
 Oil composition, Stabilized mineral. E. W. Fuller and L. A. Hamilton. 2,326,938; Aug. 17.
 Oil composition, Stabilized mineral. R. C. Moran. 2,326,483; Aug. 10.
 Oil composition, Thickened. G. H. B. Davis. 2,334,996; Nov. 23.
 Oil compositions, Antiskinning and weather-resisting agents for drying. H. C. Reynolds, Jr., and H. B. Kellogg. 2,307,158; Jan. 5.
 Oil, Compounded. B. B. Farrington, J. O. Clayton, and D. H. Etzler. 2,308,502; Jan. 19.
 Oil, Compounded. J. O. Clayton and B. B. Farrington. 2,312,207; Feb. 23.
 Oil, Compounded. G. L. Neely and F. W. Kavanagh. 2,322,307; June 22.
 Oil, Compounded hydrocarbon. J. O. Clayton and B. B. Farrington. 2,312,208; Feb. 23.
 Oil, Compounded hydrocarbon. B. B. Farrington, J. O. Clayton, and D. H. Etzler. 2,308,503; Jan. 19.

- Oil, Compounded lubricating. O. Clayton, and B. B. Farrington, 2,321,575; June 10.
- Oil, Compounded mineral. B. B. Farrington, J. O. Clayton, and J. T. Rutherford, 2,325,597; Aug. 3.
- Oil, Continuous process of decolorizing lubricating. W. P. Gee, 2,326,294; Aug. 10.
- Oil control device, Conversion. R. W. Johnson, 2,317,063; Apr. 20.
- Oil control piston ring. W. C. Landon, 2,323,815; July 6.
- Oil, Compressor, using superior catalytic masses. K. K. Kearby, 2,307,795; Jan. 12.
- Oil, Converting. D. B. Hall, 2,336,056; Dec. 7.
- Oil cooler. O. D. H. Bentley, 2,309,296; Jan. 26.
- Oil cooler. J. J. Hill, 2,323,994; July 13.
- Oil cooler. A. R. Mormile, 2,322,047; June 15.
- Oil cooling system, Compressor. C. R. Neeson and R. G. Wyck, 2,322,574; June 29.
- Oil, Deacidifying. C. E. Crawford, 2,328,620; Sept. 7.
- Oil, Decolorizing mineral. W. B. Chenault and A. E. Miller, 2,321,460; June 8.
- Oil, Dehydrating castor. A. Schwareman, 2,330,181; Sept. 21.
- Oil, Dewaxing. E. A. Nihl, 2,327,445; Aug. 24.
- Oil, Dewaxing hydrocarbon. H. H. Gross, 2,337,385; Dec. 21.
- Oil, Electric or insulating. H. G. Berger, L. A. Hamilton, and E. W. Fuller, 2,326,324; Aug. 10.
- Oil distributor assembly. J. H. Nelson, 2,326,101; Aug. 10.
- Oil, Drying. R. S. Morse, 2,308,020; Jan. 12.
- Oil economizing system for compressors. W. R. Freeman and C. B. Fites, 2,311,055; Feb. 23.
- Oil emulsions, Dehydrating mineral. T. W. Burnam, 2,324,023; Aug. 31.
- Oil extraction. F. B. Lachle, 2,325,927.8; July 27.
- Oil extraction. F. B. Lachle, 2,331,785; Oct. 12.
- Oil fields, Developing. H. A. Hansen and M. M. Perot, 2,331,072; Oct. 5.
- Oil films from bodies of water, System for removing. E. S. McColl, 2,330,508; Sept. 28.
- Oil filter. P. S. Allam, 2,321,884; June 15.
- Oil filter. C. M. Bolser, 2,327,011; Aug. 17.
- Oil filter. H. G. Elsler, 2,328,131; Aug. 31.
- Oil filter. M. Gaertner, 2,311,377; Feb. 16.
- Oil filter. R. D. Hill, 2,337,470; Dec. 21.
- Oil filter. J. F. Houston, 2,325,399; July 27.
- Oil filter. W. E. Lamb, 2,331,482; Oct. 12.
- Oil filter. A. D. MacLaren, 2,319,421; May 18.
- Oil filter. A. J. Metcalf, 2,328,152; June 29.
- Oil filter. R. H. Pennacker, 2,322,772; June 29.
- Oil filter for internal combustion engines. F. H. Griffith, 2,337,238; Dec. 21.
- Oil filter or refiner. L. Ream, 2,335,532; Nov. 30.
- Oil free juices, Extracting. R. B. McKinnis, 2,334,783; Nov. 23.
- Oil-free nonoxidized juice, Extracting. R. B. McKinnis, 2,337,261; Dec. 21.
- Oil from corn gluten, Separating. H. H. Schopmeyer and G. Sharp, 2,310,144; Feb. 2.
- Oil, gas and water mixtures such as flow from oil wells, Treating and/or dehydrating. J. P. Walker, 2,319,962; May 25.
- Oil gauge. J. H. Caddell, 2,309,497; Jan. 26.
- Oil having conjugated system from soy bean oil, Rapid drying. P. D. Boone, 2,308,152; Jan. 12.
- Oil, Improving lubricating. J. H. Bruun and G. E. Goheen, 2,324,357; July 13.
- Oil, Insulating and similar oil, Lubricating. L. A. Mikeska and E. Lieber, 2,321,307; June 8.
- Oil level gauge. J. F. Dwiggins, 2,333,711; Nov. 9.
- Oil line metering plug. H. P. Phillips and W. C. Rivers, 2,317,638; Apr. 27.
- Oil, Lubricating. F. A. Armfield, 2,316,852; Apr. 20.
- Oil, Lubricating. E. W. Cook and W. D. Thomas, Jr., 2,336,074; Dec. 7.
- Oil, Lubricating. P. K. Frolich and A. H. Gleson, 2,317,751; Apr. 27.
- Oil, Lubricating. E. C. Hughes, 2,308,691; Jan. 19.
- Oil, Lubricating. E. Lieber, 2,336,620; Dec. 14.
- Oil, Lubricating. E. Lieber and L. A. Mikeska, 2,320,287; May 25.
- Oil, Lubricating. B. H. Lincoln, 2,334,566; Nov. 16.
- Oil, Lubricating. B. H. Lincoln and G. D. Byrkit, 2,308,622; Jan. 19.
- Oil, Lubricating. B. H. Lincoln and G. D. Byrkit, 2,333,871; Nov. 9.
- Oil-modified composition and its preparation. V. E. Maharg and M. A. Mazzucchelli, 2,312,431; Mar. 2.
- Oil, Modified-naphthalene-formaldehyde resins, fatty. E. B. Kester, 2,337,051; Dec. 21.
- Oil-modified phenolic condensation product and making the same. H. L. Hersh, 2,337,390; Dec. 28.
- Oil, Modifying castor. A. Schwareman, 2,330,180; Sept. 21.
- Oil, Polymerization of otitica. M. F. Pratt and H. G. Berge, 2,316,187; Apr. 13.
- Oil, Processing of tall. E. Färber, 2,337,235; Dec. 21.
- Oil product, Otitica. H. A. Gardner, Jr., 2,318,304; May 4.
- Oil, Production of dehydrated castor. F. G. Nessler, 2,336,186; Dec. 7.
- Oil, Production of lubricating. U. B. Bray and C. E. Swift, 2,316,395; Apr. 13.
- Oil, Production of synthetic drying. W. T. Walton and W. A. Jordan, 2,308,222; Jan. 12.
- Oil, Purification of. J. A. South, 2,320,106; May 25.
- Oil purifying system for vehicles. L. D. Jones, 2,335,420; Nov. 30.
- Oil rate control burners. W. A. Reed, 2,314,288; Mar. 16.
- Oil, Recovery of sorbed. F. B. Lachle, 2,316,005; Apr. 6.
- Oil, Refining. C. C. Winding, 2,322,554; June 22.
- Oil, Refining of cottonseed. W. J. Bloomer and W. J. Zahner, 2,319,970; May 25.
- Oil, Refining petroleum. A. P. Hewlett and G. E. Phillips, 2,317,766; Apr. 27.
- Oil regulating sleeve for bearings. J. S. Huddy, 2,316,893; Apr. 13.
- Oil, Removing mercaptans from petroleum. L. M. Henderson and G. W. Ayers, Jr., 2,312,820; Mar. 2.
- Oil screen. A. Zech, 2,335,090; Nov. 23.
- Oil seal. K. A. Browne and F. P. Sollinger, 2,326,824; Aug. 17.
- Oil seal. H. M. Dodge, 2,310,405; Feb. 9.
- Oil seal. H. M. Dodge, 2,316,941; Apr. 20.
- Oil seal construction. J. A. Antonelli, 2,330,104; Sept. 21.
- Oil seal construction. T. F. Mika, 2,334,349; Nov. 16.
- Oil separator for refrigeration systems. H. A. Phillips, 2,314,516; Mar. 23.
- Oil, Soluble. T. W. Langer, 2,328,727; Sept. 7.
- Oil soluble phenolic resin and preparing same. I. Rosenblum, 2,321,626; June 15.
- Oil, Spray. E. B. Herbert, 2,337,466; Dec. 21.
- Oil, Stabilizing. S. L. Irigoin, 2,316,587; Apr. 13.
- Oil, Stabilized high film strength lubricating. B. H. Lincoln and W. L. Steiner, 2,310,971; Feb. 16.
- Oil, Stabilizing heavy fuel. W. C. Child, 2,315,935; Apr. 6.
- Oil, Sweetening hydrocarbon. C. O. Hoover, 2,329,615; Sept. 14.
- Oil, Sweetening sour hydrocarbon. W. A. Schulze and E. Bueh, 2,315,820; Apr. 6.
- Oil temperature regulator. R. G. Dykeman, 2,331,378; Oct. 12.
- Oil testing apparatus. R. E. Burk and E. C. Hughes, 2,317,950; Apr. 27.
- Oil, Textile. A. C. Goodings and H. B. Marshall, 2,336,087; Dec. 7.
- Oil, Thickened. L. M. Thomas and W. J. Sparks, 2,320,312; May 25.
- Oil, Transmission. J. S. Wallace, 2,323,360; July 6.
- Oil, Treating. G. B. Hanson, 2,325,850; Aug. 3.
- Oil, Treating. C. W. Stratford, 2,308,755; Jan. 19.
- Oil, Treating pipeline. C. M. Blair, Jr., 2,310,673; Feb. 9.
- Oil, Treating tall. A. F. Oliver and R. C. Palmer, 2,330,792; Sept. 28.
- Oil, Treatment of hydrocarbon. J. H. McCullough, E. R. Birkhimer, and L. N. Leum, 2,309,651; Feb. 2.
- Oil well drilling bit. W. M. Burch, 2,318,370; May 4.
- Oil well equipment. J. R. Yancey, 2,312,205; Feb. 23.
- Oil well pump. A. M. Kizlar, 2,329,913; Sept. 21.
- Oil well pump. H. J. Pankratz, 2,311,863; Feb. 23.
- Oil well pump control system. E. R. Franz, 2,336,083; Dec. 7.
- Oil well pump intermitter, Gas lift. A. T. Watson, 2,314,113; Mar. 16.
- Oil well straightener. L. R. Downing, 2,316,409; Apr. 13.
- Oil well tool. P. H. Granger, 2,326,940; Aug. 17.
- Oil wells, Cementing. P. H. Granger, 2,308,072; Jan. 12.
- Oil wells, Device for heating paraffin in. A. W. Pick, 2,335,961; Dec. 7.
- Oil wells, Treating. J. K. Butler and S. A. Winkelmann, 2,336,714; Dec. 14.
- Oil with decolorizing earth in the presence of naphtha, Decolorizing. W. P. Gee, 2,326,295; Aug. 10.
- Oil, Road. L. C. Brosmer, 2,329,331; Sept. 14.
- Oil, Oiling system for internal combustion engines. W. C. Conover and C. L. Johnson, 2,333,524; Nov. 2.
- Oil, Oiling system for rotary pumps. H. A. McArthur and J. B. Decker,

- Oils, Cracking. C. W. Tyson and E. V. Murphree, and H. G. M. Fischer. 2,311,318; Feb. 16.
- Oils, Cracking and distillation of. A. M. Thomsen. 2,330,760; Sept. 28.
- Oils, Cracking hydrocarbon. J. M. Barron. 2,334,306; Sept. 7.
- Oils, Cracking hydrocarbon. J. H. Hirsch. 2,316,334; Apr. 13.
- Oils, Cracking of. A. C. Jessup. 2,313,241; Mar. 9.
- Oils, Desulphurizing. E. M. Nygaard and O. M. Reiff. 2,320,047; May 25.
- Oils, Distillation of fatty. C. E. Crawford. 2,328,621; June 7.
- Oils, Fractionating hydrocarbon. W. W. Kraft and W. L. Bass. 2,321,826; June 15.
- Oils from hardwood tar and purification thereof, Extraction of. J. Lévesque. 2,313,385; Mar. 9.
- Oils from wood and other plant materials, Manufacture of distillable. H. Hibbert and A. B. Cramer. 2,320,598; June 1.
- Oils, Hydrogenating edible. W. J. Paterson. 2,307,065; Jan. 5.
- Oils, Lubricating. E. W. Cook and W. D. Thomas, Jr. 2,319,662; May 18.
- Oils, Lubricating. L. L. Davis, B. H. Lincoln, and G. D. Byrkit. 2,322,116; June 15.
- Oils, Making drying. R. Priester. 2,309,273; Jan. 26.
- Oils, Method and apparatus for electrically treating. G. B. Hanson. 2,313,939; Mar. 16.
- Oils, Method and apparatus for testing lubricating. F. Rieber. 2,337,414; Dec. 21.
- Oils, Method for treating. A. B. Doran. 2,314,576; Mar. 23.
- Oils of edible type, Refining. W. Kelley. 2,314,621; Mar. 23.
- Oils of high stability, Manufacturing. F. Schick. 2,310,812; Feb. 9.
- Oils of the coumarone-indene-styrene homologue type, Treatment of resin. E. L. Cline. 2,315,771; Apr. 6.
- Oils or fats, Treating edible. H. O. Renner. 2,316,621; Apr. 13.
- Oils, Polymerizing olefins to lubricating. H. G. Schneider and L. A. Bannon. 2,313,719; May 11.
- Oils, Preparation of improved paint. R. S. Morse. 2,311,681; Feb. 23.
- Oils, Process of treating. I. M. Colbeth. 2,317,362; Apr. 27.
- Oils, Producing lubricating. H. S. Chase and G. C. Caine. 2,308,490; Jan. 19.
- Oils, Production of lubricating. M. Pier and F. Christmann. 2,318,625; May 11.
- Oils, Recovery of tar. P. E. Malson. 2,334,241; Nov. 16.
- Oils, Refining hydrocarbon. C. W. Berger. 2,318,582; May 11.
- Oils, Refining mineral. G. R. Gilbert. 2,334,549; Nov. 16.
- Oils, Refining mineral. F. A. L. Holloway and D. O. Wilkes. 2,317,770; Apr. 27.
- Oils, Refining mineral. J. H. McClintock. 2,322,652; June 22.
- Oils, Refining of. R. P. Ferguson. 2,314,446; Mar. 23.
- Oils, Refining of mineral. W. O. Heilman. 2,324,927; July 20.
- Oils, Refining of mineral. H. J. Hibshman. 2,330,054; Sept. 21.
- Oils, Refining of mineral. G. E. Phillips. 2,331,343; Oct. 12.
- Oils, Refining of mineral. C. L. Read. 2,324,952; July 20.
- Oils, Refining of mineral. W. H. Rupp. 2,324,954; July 20.
- Oils, Refining of mineral. M. Wigen. 2,332,284; Oct. 19.
- Oils, Refining of mineral. E. E. Willauer. 2,336,205; Dec. 7.
- Oils, Refining of petroleum. H. C. Paulsen. 2,327,547; Aug. 24.
- Oils, Refining petroleum. H. C. Paulsen. 2,324,948; July 20.
- Oils, Slushing. E. W. Cook and W. D. Thomas, Jr. 2,334,071; Nov. 9.
- Oils, Soluble cutting. E. W. Carlson and E. B. Cyphers. 2,320,293; May 25.
- Oils, Stabilizing glyceride. S. Musher. 2,314,365; Mar. 23.
- Oils, Sweetening. V. J. Loyd. 2,315,530; Apr. 6.
- Oils, Sweetening of hydrocarbon. J. H. McClintock. 2,324,790; July 20.
- Oils, Thermal treatment of drying. R. F. Ruthruff. 2,310,997; Feb. 16.
- Oils, Treating. D. E. Carr. 2,337,448; Dec. 21.
- Oils, Treating. V. J. Loyd. 2,316,092; Apr. 6.
- Oils, Treating corrosive. C. A. Cohen. 2,320,266-7; May 25.
- Oils, Treating hydrocarbon. H. E. Drennan and J. L. Farrell. 2,308,063; Jan. 12.
- Oils, Treating hydrocarbon. H. H. Walker. 2,328,760; Sept. 7.
- Oils, Treating petroleum. W. E. Perdue. 2,326,882; Aug. 17.
- Oils, Treating white. A. P. Giraitis. 2,321,290; June 8.
- Oils, Treatment of hydrocarbon. G. Egloff and V. Komarewsky. 2,326,627; Aug. 10.
- Oils, Treatment of hydrocarbon. B. S. Friedman. 2,334,159; Nov. 9.
- Oils, Treatment of hydrocarbon. C. O. Hoover. 2,329,616; Sept. 14.
- Oils, Treatment of hydrocarbon. C. L. Thomas. 2,328,754; Sept. 7.
- Oils, Treatment of hydrocarbon. C. L. Thomas. 2,328,756; Sept. 7.
- Oils, Treatment of hydrocarbon. C. L. Thomas and H. S. Bloch. 2,330,090; Sept. 21.
- Oleaginous material, H. C. Black. 2,320,319; May 25.
- Oleaginous preparation. H. C. Black. 2,322,186; June 15.
- Olefin oxides, Recovery of. F. R. Balcar. 2,325,576-7; July 27.
- Olefinic hydrocarbons, Conversion of. C. L. Thomas. 2,328,755; Sept. 7.
- Olefinic hydrocarbons, Recovery and conversion of. E. G. Borden. 2,308,856; Jan. 19.
- Olefinic interpolymerization process and product. R. M. Thomas and W. J. Sparks. 2,322,073; June 15.
- Olefinic polymer and process, Heat- and storage-stable chlorinated. C. E. Morrell, P. K. Frolich, and L. A. Bannon. 2,334,277; Nov. 16.
- Olefins and catalyst therefor, Polymerization of. E. T. Layng. 2,310,161; Feb. 2.
- Olefins, Hydration of. H. M. Guinot. 2,310,911; Feb. 9.
- Olefins, Polymerization of. G. C. Bailey and J. A. Reid. 2,320,256; May 25.
- Olefins, Polymerization of. P. Woog. 2,316,380; Apr. 13.
- Oleoresin, Method of and apparatus for purifying. C. C. Gillican. 2,329,712; Sept. 21.
- Oleoresin, Refining. J. O. Reed. 2,307,078; Jan. 5.
- Onoic acyl-olefins, Preparation of. C. D. Wilson. 2,323,504; July 6.
- 1-Acylaminoaryl-5-pyrazolones. P. Zervas. 2,322,907; June 29.
- 1-diazoaryl-5-pyrazolone-4-sulphonic acids. P. Zervas. 2,337,845; Dec. 28.
- 1-naphthylacetic acids, Refining crude. V. Migrdichian. 2,336,364; Dec. 7.
- 1-o-hydroxyphenoxy-3-alkoxy-2-propanols and/or -2-propanones and their manufacture. A. Grün and W. Stoll. 2,336,093; Dec. 7.
- 1,10-Decanolumine and producing it. W. S. Bishop. 2,330,107; Sept. 21.
- 1,3,5-triazinyl-(6)-aminophenyl-arsenic compound. E. A. H. Friedheim. 2,334,321; Nov. 16.
- One-time fastener. A. W. H. Hirsch. 2,309,315; Jan. 26.
- One-way clutch. W. H. Plog. 2,323,353; July 6.
- One-way clutch and bearing. A. Y. Dodge. 2,307,881; Jan. 12.
- One-way detachable snap fastener. O. J. Huelster. 2,328,016; Aug. 31.
- Opacifier and porcelain enamel containing the same. H. McIntyre and M. J. Bahnsen. 2,319,247; May 18.
- Open hole tool joint protector. DeM. G. Miller. 2,318,878; May 11.
- Open side separable fastener. L. H. Morin. 2,330,001; Sept. 21.
- Opener, Bottle. R. M. Brown. 2,333,088; Nov. 2.
- Opener, Can. M. J. Zimmer and R. B. Paysee. 2,318,350; May 4.
- Opener, Car. G. L. Reenstierna. 2,324,110; July 13.
- Opener for sliding doors. P. A. Ackley. 2,334,981; Nov. 23.
- Opener, Lock. C. H. Grebe. 2,334,407; Nov. 16.
- Opening and actuating mechanism, Door. A. E. Zoller. 2,335,336; Nov. 30.
- Operating and control system for hydraulic elevators. A. W. Grote. 2,319,125; May 11.
- Operating and indicating mechanism for jail doors. C. F. Young. 2,313,416; Mar. 9.
- Operating means for fluorescent lamps. J. Bertram. 2,328,413; Aug. 31.
- Operating means for swinging closures. H. Cordrey and W. J. Duvall. 2,321,800; June 15.
- Operating means for windows. E. S. Persson. 2,320,096; May 25.
- Operating mechanism. A. H. Rau. 2,309,478; Jan. 26.
- Operating mechanism and control, Counter. E. Caldwell. 2,318,372; May 4.
- Operating mechanism for discharge lamps. F. D. Bryant. 2,335,640; Nov. 30.
- Operating mechanism for electric switches. W. W. Edson. 2,325,382; July 27.
- Operating mechanism for retractable members on board aircraft. C. R. Wasele. 2,333,132; Nov. 2.
- Operating mechanism for rolls and cylinders, Doctor. F. W. Loding. 2,318,504; May 4.
- Operating mechanism for switches. S. H. Durbin. 2,328,266; Aug. 31.
- Operating regenerative furnaces and furnace construction. O. P. Leutschner. 2,336,993; Dec. 14.
- Operating structures, Exploring. C. H. Schlesman. 2,315,819; Apr. 6.
- Operation check for automatic molding presses. C. J. Westin. 2,317,839; Apr. 27.
- Operations in boreholes. L. G. Howell. 2,308,176; Jan. 12.

- Operator, Catch. G. W. Aldeen and E. Rorchers. 2,321,724; June 15.
- Operator, Window. E. C. Horton. 2,325,775; Aug. 3.
- Operator, Window. A. Rappi and E. C. Horton. 2,324,724; July 20.
- o-Phenoxy-phenylbenzoate. Production of. P. W. Bachman and B. W. Hatamachen. 2,319,197; May 18.
- Ophthalmic apparatus. A. W. Hubbard. 2,313,240; Mar. 9.
- Ophthalmic instrument. R. F. E. Stegeman. 2,319,888; May 25.
- Ophthalmic mounting. T. E. Bosworth. 2,329,031; Sept. 7.
- Ophthalmic mounting. R. T. Cook and W. A. Bonin. 2,328,423; Aug. 31.
- Ophthalmic mounting. R. T. Cook and W. A. Bonin. 2,328,708; Sept. 7.
- Ophthalmic mounting. D. H. Fair. 2,326,846; Aug. 17.
- Ophthalmic mounting. A. E. Gallani. 2,321,021; Oct. 5.
- Ophthalmic mounting. J. E. Higgins. 2,321,083; June 8.
- Ophthalmic mounting. G. P. Kimmel. 2,357,560; Dec. 28.
- Ophthalmic mounting. W. E. McDonell. 2,332,160; Oct. 19.
- Ophthalmic mounting. E. H. Rimington. 2,324,273; July 13.
- Ophthalmic mounting. E. M. Splaine. 2,316,817; Apr. 30.
- Ophthalmic mounting. E. M. Splaine. 2,330,249; Sept. 28.
- Ophthalmic mounting. W. R. Uhlemann and R. H. Uhlemann. 2,308,253; Jan. 12.
- Ophthalmic mounting and making same. H. R. Moulton. 2,320,375; June 1.
- Ophthalmic mounting and making same. G. A. Nerney. 2,308,200; Jan. 12.
- Ophthalmic spectacles. H. Stolper. 2,318,537; May 4.
- Ophthalmoscope. W. N. Allyn. 2,311,562; Feb. 16.
- Ophthalmoscope. W. N. Allyn and W. G. Allyn. 2,311,503; Feb. 16.
- Opposed piston engine. H. Ford. 2,334,917; Nov. 23.
- Opposed piston type steam engine. F. Varis. 2,330,937; Oct. 5.
- Optical apparatus. Continuous motion. W. H. Harrison. 2,325,181; July 27.
- Optical counting device and making the same. J. T. Rooney. 2,328,585; Sept. 7.
- Optical device. E. M. Branson. 2,321,004; June 8.
- Optical element. H. Kinn. 2,332,930; Oct. 26.
- Optical image reversing and/or inverting system. W. C. Eddy. 2,327,700; Aug. 24.
- Optical images. Producing relief effects. I. M. Terwilliger. 2,331,941; Oct. 19.
- Optical inspection device. C. L. Gary and K. W. Harper. 2,327,257; Aug. 17.
- Optical instrument. A. H. Bennett and R. S. Estey. 2,328,603; Sept. 7.
- Optical instrument. G. Fassini. 2,318,844; May 11.
- Optical instrument. J. S. Goodman. 2,312,512; Mar. 2.
- Optical instrument. G. S. MacDonald and J. E. Trafton. 2,328,284; Aug. 31.
- Optical instrument. P. Slavens. 2,336,809; Dec. 11.
- Optical instrument. F. C. Wapper. 2,324,444; July 13.
- Optical instrument for observing, comparing, or measuring angles. H. F. Plant, G. P. Barrett, and C. W. True. 2,307,951; Jan. 12.
- Optical instruments. Artificial horizon for. O. L. Altenberg. 2,335,893; Dec. 7.
- Optical lens and similar device. A. W. Kingston. 2,314,838; Mar. 23.
- Optical method and means. F. MacL. Smith and T. A. Kirby. 2,336,508; Dec. 14.
- Optical objective. A. Warmisham. 2,310,502; Feb. 9.
- Optical objective. A. Warmisham. 2,327,947; Aug. 24.
- Optical objective. A. Warmisham and C. G. Wynne. 2,319,171; May 11.
- Optical projectors. Variable aperture for. L. D. Isaacson. 2,334,329; Nov. 16.
- Optical reflecting material. T. G. Jungersen. 2,310,790; Feb. 9.
- Optical sighting apparatus. J. W. French. 2,336,239; Dec. 7.
- Optical system. F. E. Carlson. 2,319,489; May 18.
- Optical system. H. E. Goldberg. 2,324,076; July 13.
- Optical system. J. A. Maurer, Jr. 2,312,259; Feb. 23.
- Optical system. J. A. Maurer, Jr. 2,331,036; Oct. 5.
- Optical system. L. L. Mellor. 2,317,790; Apr. 27.
- Optical system. A. Warmisham. 2,336,379; Dec. 7.
- Optical system for taking stereoscopic photographs. F. Köber, H. Sauer, and O. Vierling. 2,326,951; Aug. 17.
- Optical system, Reflecting. H. H. Blau. 2,330,194; Sept. 28.
- Optical system, Reversible. C. F. W. Forssberg. 2,317,988; May 4.
- Optical system. Sound recording. G. L. Dimmick. 2,325,375; July 27.
- Optical testing and measuring apparatus. H. Hauser. 2,313,639; Mar. 9.
- Optical testing or measuring apparatus. R. E. Reason. 2,327,289; Aug. 17.
- Optical unit, Reflecting. A. M. Taylor. 2,310,817; Feb. 9.
- Optical wedge. W. H. Harrison. 2,331,027; Oct. 5.
- Optometrist tool. W. M. Wagoner. 2,318,270; May 4.
- Orchard heater. G. Anderson. 2,335,098; Nov. 23.
- Orchestral apparatus. E. S. Peyton. 2,307,296; Jan. 5.
- Ordinance. C. B. Cox. 2,330,205; Sept. 28.
- Ordinance. J. C. Trotter. 2,323,430; July 6.
- Ordinance. J. C. Trotter and J. L. Jewett. 2,329,308; Sept. 14.
- Ordinance. J. Wauters. 2,325,560; July 27.
- Ordinance. J. F. Zietlow, Jr. 2,335,835; Nov. 30.
- Ordinance traveling lock. B. P. Joyce. 2,324,213; July 13.
- Ore concentrator. P. H. Behrens. 2,314,192; Mar. 16.
- Ore concentrator. R. G. Hart. 2,308,077; Jan. 12.
- Ore concentrator. E. O. Oberdieck. 2,323,340; July 27.
- Ore concentrator and amalgamator. C. H. Overhultz. 2,329,781; Sept. 21.
- Ore dressing. R. L. Patterson. 2,307,064; Jan. 5.
- Ore furnace. W. B. Fulton. 2,327,101; Aug. 17.
- Ore mill. C. O. Smith. 2,315,281; Mar. 30.
- Ore particles in gravity separating mediums, Separating. S. T. Cameron. 2,309,931; Feb. 2.
- Ore, Smelting iron. T. V. Moore. 2,321,810; June 8.
- Ore, Synthetic. H. M. Kraner. 2,308,984; Jan. 19.
- Ores, Beneficiation of. J. F. Lontz. 2,337,118; Dec. 21.
- Ores, Concentrating nonmetalliferous. A. W. Ralston and E. W. Segebrecht. 2,313,360; Mar. 9.
- Ores, Concentration of potash. F. X. Tartaron. 2,330,158; Sept. 21.
- Ores, Concentration of sylvinites. A. T. Cole, J. B. Duke, and K. F. Schilling. 2,322,789; June 29.
- Ores, Flotation of. W. E. Keck. 2,310,240; Feb. 9.
- Ores, Separating. V. Rakowsky, G. J. Holt, and R. W. Armus. 2,325,149; July 27.
- Ores to metal, Reduction of. H. A. Brassert. 2,313,044; Mar. 9.
- Organic acidic substances from hydrocarbon fluids, Removing. L. M. Henderson, G. W. Ayers, Jr., and D. C. Bond. 2,317,055; Apr. 20.
- Organic acidic substances from hydrocarbon fluids, Removing. T. L. McNamara and L. M. Henderson. 2,316,966; Apr. 20.
- Organic arsenic compounds. C. S. Hamilton. 2,331,833; Oct. 12.
- Organic base exchange material, Preparing an. J. J. Savell. 2,337,500; Dec. 21.
- Organic compound and making the same. M. Engelmann and J. Pisk. 2,313,741; Mar. 16.
- Organic compound and preparing the same. J. Pisk. 2,328,358; Aug. 31.
- Organic compound of antimony and making it. J. G. Feinberg. 2,330,962; Oct. 5.
- Organic compound of arsenic and making it. J. G. Feinberg. 2,330,963; Oct. 5.
- Organic compounds containing inorganic groups, Production of. H. Dreyfus. 2,316,847; Apr. 20.
- Organic compounds from coke oven by-products, Recovery of low-boiling. F. M. Thatcher, J. H. Wells, and P. J. Wilson, Jr. 2,310,659; Feb. 9.
- Organic compounds, Manufacture of. H. Dreyfus. 2,323,980; July 13.
- Organic compounds, Nitration of cyclic. G. F. Hennion. 2,314,212; Mar. 16.
- Organic compounds, Producing and recovering halogenated. W. Engs and S. N. Wik. 2,321,472; June 8.
- Organic compounds, Recovery of. H. Dreyfus. 2,331,965; Oct. 19.
- Organic compounds, Treatment of. W. W. Moyer. 2,322,308; June 22.
- Organic derivative of cellulose fabric, Ornamental. A. Lyem. 2,315,002; Mar. 30.
- Organic material and the preparation thereof. J. A. V. Turck, Jr. 2,309,483; Jan. 26.
- Organic materials, Preserving valuable elements of. G. D. Arnold, Re. 22,383; Oct. 5.
- Organic materials, Purification of. R. L. Brandt. 2,308,431; Jan. 12.
- Organic materials, Recovery of. R. L. Brandt and H. G. Kirschenbauer. 2,324,467; July 20.
- Organic materials, Treating. R. B. Colgate, R. L. Brandt and H. D. Allen. 2,328,592; Sept. 7.
- Organic mercury compound. W. H. Hill. 2,323,397; July 6.
- Organic peroxide composition. F. V. Hooft. 2,335,856; Dec. 7.
- Organic polysulphides, Manufacture of. J. F. Olin and T. E. Deger. 2,325,194; July 27.
- Organic solution of formaldehyde-urea reaction products. J. A. Murray and A. W. Kassay. 2,321,234; June 8.
- Organic substances, Oxidizing. A. H. Batchelder and I. R. Levine. 2,336,919; Dec. 14.
- Organic substances, Purification of. K. L. Russell. 2,316,719; Apr. 13.
- Organic substances, Stabilization of. F. B. Downing and C. J. Pedersen. 2,336,598; Dec. 14.
- Organic sulphides, Preparation of. E. S. Blake. 2,331,650; Oct. 12.
- Organic sulphonic acids, Preparation of. A. L. Fox. 2,315,514; Apr. 6.
- Organic sulphitation products, Manufacture of. L. J. Beckham. 2,313,719; Mar. 16.
- Organic sulphonamides and their preparation. A. L. Fox. 2,334,186; Nov. 16.

- Organic sulphamate solutions, Flash distillation of. R. B. Colgate, R. L. Brandt, and H. D. Allen. 2,316,670; Apr. 13.
- Organic sulphur and selenium compounds. R. Gáspár. 2,313,993; Mar. 16.
- Organic sulphur compounds, Production of. A. C. Byrns. 2,309,337; Jan. 26.
- Organic thermoplastic material, Producing twists of. H. Jacque. 2,336,100; Dec. 7.
- Organic thermoplastics, Dissolving. R. R. Dreisbach. 2,308,416; Jan. 12.
- Organic thiocyanates and isothiocyanates and preparing them. J. Píkl. 2,331,276; Oct. 5.
- Organic thionitrates, Making. R. S. George. 2,307,624; Jan. 5.
- Organic thionitrates, Preparing. R. S. George, G. S. Crandall, and E. M. Nygaard. 2,325,391; July 27.
- Organic thionitrates, Stabilizing. G. S. Crandall, R. S. George, and E. M. Nygaard. 2,328,547; Sept. 7.
- Organo-aluminum solution and preparing same. D. H. Condit. 2,321,463; June 8.
- Orientation compass. A. Jonsson. 2,336,790; Dec. 14.
- Orientation compass, using a carrier. E. W. Carroll. 2,329,980; Sept. 21.
- Orienter. L. P. Lamoreaux. 2,329,274; Sept. 14.
- Orienting apparatus. L. C. Miller. 2,334,429; Nov. 16.
- Orienting device. F. G. Boucher. 2,332,777; Oct. 26.
- Orienting device, Fruit. A. Kok. 2,337,394; Dec. 21.
- Orifice clearing means. A. K. Foulds and P. S. Russel. 2,336,603; Dec. 14.
- Ornament, Christmas tree. H. Groothedde. 2,327,519; Aug. 24.
- Ornament, Ear. O. F. Placco. 2,313,668; Mar. 9.
- Ornament for Christmas trees and the like. J. Reich. 2,312,286; Feb. 23.
- Ornament, Hair. S. La Fair. 2,334,937; Nov. 23.
- Ornament, Illuminated vehicle. O. H. Clark. 2,329,882; Sept. 21.
- Ornamental article and making same. D. Gutzmann. 2,337,099; Dec. 21.
- Ornamental device. F. P. Mortimer. 2,325,191; July 27.
- Ornamental display for tip end of antenna rods. F. G. Halbig. 2,329,048; Sept. 7.
- Ornamental plastic fabric. M. H. Storch. 2,335,222; Nov. 23.
- Ornamental seam sewing machine. A. N. Hale. 2,308,465; Jan. 12.
- Ornamental stay for shoes. W. T. Fraher and C. B. Slater. 2,309,582; Jan. 26.
- Ornamentation. A. R. Bourges. 2,336,590; Dec. 14.
- Ornamentation. R. E. T. Haff, J. C. Creadick, and T. F. Banigan. 2,331,974; Oct. 19.
- Ornamentation for fabrics, Machine for producing edge. F. Lutz. 2,337,119; Dec. 21.
- Ornamenting fabric. W. M. Kanzow. 2,334,202; Nov. 19.
- Ornamenting machine. B. W. Freeman and F. S. Knight. 2,312,330; Mar. 2.
- Orthodontic appliance. S. R. Atkinson. 2,334,894; Nov. 23.
- Orthopedic appliance. W. J. Boos. 2,311,925; Feb. 23.
- Orthopedic appliance. F. E. Wyant. 2,310,824; Feb. 9.
- Orthopedic device. M. Jungmann. 2,320,183; May 25.
- Orthopedic device. C. G. Boatright. 2,321,977; June 15.
- Orthopedic apparatus. A. J. Radin. 2,312,930; Mar. 2.
- Orthopedic instrument. J. F. Neumueller. 2,335,077; Nov. 23.
- Orthopedic instrument. J. F. Neumueller and D. Dodkin. 2,335,076; Nov. 23.
- Ortho-xylene, Recovery of. P. J. Cole. 2,332,370; Oct. 19.
- Oscillating impulsing means for washing machines and the like. A. J. Pntch. 2,312,581; Mar. 2.
- Oscillating system. W. H. C. Higgins. 2,310,695; Feb. 9.
- Oscillation generator. C. S. Yerian. 2,323,956; July 13.
- Oscillation tube mill. S. Kiesskalt and E. Korinth. 2,323,544; July 6.
- Oscillator circuit. R. B. Edwards. 2,311,163; Feb. 16.
- Oscillator, Magnetostrictive. E. E. Turner, Jr. 2,332,541; Oct. 26.
- Oscillator, Multifrequency. R. C. Fisher. 2,318,936; May 11.
- Oscillator, Relaxation. H. Bähring. 2,320,551; June 1.
- Oscillator, Saw-tooth. H. Bähring. 2,308,908; Jan. 19.
- Oscillator, Variable frequency bridge stabilized. R. O. Wise. 2,319,965; May 25.
- Oscillator with stationed handle control, Fan. R. H. Jordan. 2,319,064; May 11.
- Oscillatory apparatus. S. D. Lavoie. 2,328,561; Sept. 7.
- Oscillatory hammer. H. D. Greenberg. 2,328,270; Aug. 31.
- Oscillograph, Cathode-ray. W. A. Goehagan. 2,315,848; Apr. 6.
- Oscillograph viewing device. A. H. Toepfer. 2,313,978; Mar. 16.
- Oscilloscope scale. A. Bigalke. 2,316,550; Apr. 13.
- Osmium composition. A. R. Devereux. 2,312,324; Mar. 2.
- Osteopathic device and treatment. C. E. Medaris. 2,335,290; Nov. 30.
- Outdoor cooking or camp stove, Portable. D. H. Bitney. 2,307,914; Jan. 12.
- Outdoor cooking stove. E. D. Betts. 2,325,828; Aug. 3.
- Outrigger operating means. J. Falcon. 2,320,919; June 1.
- Outside door handle. J. W. Jackson and R. H. Dean. 2,314,899; Mar. 23.
- Outside pipe cutter. C. C. Brown, J. R. Dodson, Jr., and F. L. Scott, Jr. 2,325,104; July 27.
- Outsole for shoes. F. E. Russell. 2,333,201; Nov. 2.
- Outage indicator. J. F. Atkinson and D. E. Basler. 2,337,441; Dec. 21.
- Outfit for shipping liquid and dipping articles therein. C. F. Eaton. 2,318,842; May 11.
- Outlet box. C. E. Bedell. 2,320,400; June 1.
- Outlet box. V. R. Despard. 2,329,109; Sept. 7.
- Outlet box. R. E. Haynes. 2,324,155; July 13.
- Outlet box clamp. V. R. Despard. 2,326,841; Aug. 17.
- Outlet box cover and fixture support. G. O. Adkins. 2,321,640; June 15.
- Outlet, Duplex convenience. V. R. Despard. 2,319,801; May 25.
- Outlet, Electrical. G. H. von Gehr. 2,332,766; Oct. 26.
- Outlet mounting. C. J. Thompson. 2,334,799; Nov. 23.
- Outlet structure for tanks. V. Willoughby. 2,319,759; May 11.
- Oval cutting machine. A. A. Schwartz. 2,315,479; Mar. 30.
- Oven and broiler. W. C. Lindemann and R. Meiners. 2,323,821; July 6.
- Oven, Bake. T. J. Stephens. 2,337,006; Dec. 14.
- Oven, Baker's band. K. D. Loose and C. W. Watkins. 2,327,727; Aug. 24.
- Oven, Barbecue. V. E. Millikan. 2,314,627; Mar. 23.
- Oven broiler construction. H. Moecker, Jr., and W. Lotter. 2,334,641; Nov. 16.
- Oven, Drying. F. S. Bailey and P. Schone. 2,322,272; June 22.
- Oven, Drying. N. J. Greene and G. C. Reese. 2,325,950; Aug. 3.
- Oven for drying metal sheets. J. Coyle. 2,337,649; Dec. 28.
- Oven light. W. Lotter. 2,327,200; Aug. 17.
- Oven observation window construction. J. F. Hennessy. 2,325,773; Aug. 3.
- Oven, particularly that for hardening glass plates, Heating. F. Vranken. 2,311,908; Feb. 23.
- Oven, Waste heat coke. C. Otto. 2,311,689; Feb. 23.
- Ovens, Operating coke. C. Otto. 2,313,764; Mar. 16.
- Overstitching device for sewing machines. J. Hickey. 2,321,747; June 15.
- Overfill preventer for batteries. E. Nassimbene. 2,335,157; Nov. 23.
- Overhead door. W. G. Bowsher. 2,308,585; Jan. 19.
- Overhead door. J. H. Burr. 2,334,749; Nov. 23.
- Overhead garage door. A. C. D'Alfonso. 2,324,138; July 13.
- Overhead sliding door. W. G. Deuring. 2,323,585; July 6.
- Overload clutch. G. A. Waller. 2,313,708; Mar. 9.
- Overload compensation for watt-hour meters. S. S. Green. 2,334,447; Mar. 23.
- Overload protective electromagnet switch. W. E. Stillwell, Jr. 2,335,888; Dec. 7.
- Overload relay switch. H. E. Schleicher. 2,322,161; June 15.
- Overshoe. E. McCandlish. 2,309,520; Jan. 26.
- Overshot. J. G. Grathouse. 2,309,310; Jan. 26.
- Overall banding machine. J. Podgorny. 2,313,261; Mar. 9.
- Overalls and other garments. F. H. Homoelle. 2,319,930; Mar. 25.
- Overalls, Buoyant insulating and protective. E. C. Craig. 2,321,583; June 15.
- Overshot fishing tool. P. M. Rea. 2,313,263; Mar. 9.
- Overspray recovery process. J. G. Meckler. 2,315,125; Mar. 30.
- Oxalic acid, Manufacture of. M. J. Brooks. 2,322,915; June 29.
- Oxidation and corrosion inhibitor for lubricating oils. T. F. Nelson and R. Rosen. 2,315,072; Mar. 30.
- Oxidation of organic compounds. D. J. Loder and A. McAlevy. 2,316,604; Apr. 13.
- Oxidation of perchloroethylene. F. W. Kirkbride. 2,321,823; June 15.
- Oxide opacifier and making same, Zirconium. C. J. Kinzle. 2,310,242; Feb. 9.
- Oxide catalyst, Preparation of. E. C. Hughes. 2,323,865; July 6.
- Oxyalkylated esters and making same, Certain water-soluble high molal. M. De Groote and B. Keiser. 2,330,472-3; Sept. 28.
- Oxyalkylated lecithin and making same. M. D. Groote and B. Keiser. 2,310,679; Feb. 9.
- Oxychloride coating. G. S. Smith. 2,310,128; Feb. 2.
- Oxygen and steel, Rapid direct analysis of. G. Derge. 2,336,075; Dec. 7.
- Oxygen aviation unit, Portable. J. A. Heidbrink. 2,324,389; July 13.
- Oxygen-bearing or flotation. S. E. Erickson and D. W. Jayne, Jr. 2,312,466; Mar. 2.
- Oxygen delivering apparatus of the demand type. J. A. Heidbrink. 2,310,022; Feb. 2.
- Oxygen enrichment. J. G. M. Bullowa and H. D. Ratish. 2,310,277; Feb. 9.
- Oxygen regulator. B. B. Holmes. 2,328,214; Aug. 31.
- Oxygen regulator. W. A. Reichel. 2,322,883; June 29.

- oxygen supply apparatus. H. Merker. 2,311,955; Feb. 23.
- Oxygen supply for parachutists. S. A. Morehouse. 2,329,289; Sept. 14.
- Ozonotrichlike substances, Production of. E. Hantge and J. Junnek. 2,307,675; Jan. 6.
- Ozone generator. B. P. Bagby and C. B. De Lano. 2,309,616; Jan. 20.
- Phone generator. J. C. Gage. 2,328,640; Sept. 7.
- P-aminobenzenesulphonamide, Derivatives of. A. Salo. 2,309,876; Feb. 2.
- P-aminobenzenesulphonylamine derivatives and their manufacture. H. Martin and K. Hirt. 2,337,909; Dec. 28.
- p-Aminobenzenesulphnamide. J. Vonkennel and J. Kimmig. 2,316,825; Apr. 20.
- p-P-diamino-diphenyl-sulphone and its monoamino derivatives, Manufacture of. R. Tschesche and K. Bohle. 2,331,009; Oct. 5.
- Pack, Battery. L. V. Merrill. 2,333,028; Oct. 26.
- Pack, Oil refiner. A. R. White. 2,320,990; June 8.
- Pack, Parachute. F. Smith. 2,316,896; Apr. 20.
- Pack, Variable form parachute. F. G. Manson and J. J. Maskey. 2,327,358; Aug. 24.
- Package. J. F. Broadfoot. 2,337,370; Dec. 21.
- Package. A. Clemente. 2,337,741; Dec. 28.
- Package. S. I. Darrow. 2,330,691; Sept. 28.
- Package. P. J. Davis. 2,331,536; Nov. 16.
- Package. J. M. Incey. 2,329,416; Nov. 16.
- Package. C. I. Elliott. 2,330,348; Sept. 28.
- Package. W. H. Fairchild. 2,315,368; Mar. 30.
- Package. D. H. Holmes and R. Meier. 2,332,635; Oct. 26.
- Package. O. H. Hultin. 2,321,681; June 15.
- Package. O. H. Hultin. 2,337,891-2; Dec. 28.
- Package. A. S. Johnson. 2,320,143; May 23.
- Package. F. D. Palmer. 2,307,854; Jan. 12.
- Package. D. D. Swift. 2,320,474; June 1.
- Package. W. H. Taylor. 2,321,952; June 15.
- Package. L. D. Young. 2,319,909; May 25.
- Package, Adhesively sealed. L. L. Salfsberg. 2,335,159; Nov. 23.
- Package and dispenser, Combined. B. Nash. 2,324,228; July 13.
- Package and making the same. H. O. Irmischer. 2,328,017-18; Aug. 31.
- Package, Antistatic photographic. G. F. Hunter. 2,327,713; Aug. 24.
- Package, Beverage. H. A. Harriman. 2,330,684; Oct. 5.
- Package binding tool. J. H. Leslie. 2,330,264; Dec. 7.
- Package, Bottle. A. H. Bischo. 2,317,551; Aug. 27.
- Package, Cigarette. G. W. Aegerter. 2,325,022; July 27.
- Package, Cigarette. C. B. King. 2,338,041; Dec. 28.
- Package, Cigarette. W. A. Schwelker. 2,330,150; Sept. 21.
- Package, Cigarette. B. J. Tamarin. 2,321,112; June 8.
- Package, Cigarette. F. A. and J. J. Wodal. 2,330,772; Sept. 28.
- Package closure, Means and method for. S. Bergstein. 2,330,466; Sept. 28.
- Package, Composite. L. L. Salfsberg. 2,319,560; May 18.
- Package cover. J. T. Wright. 2,316,657; Apr. 13.
- Package, Dispensing. R. C. Russell. 2,322,594; June 22.
- Package, Display. W. H. Taylor. 2,332,412; Oct. 19.
- Package, Display. J. W. Trew. 2,329,565; Sept. 14.
- Package dyeing machine. W. E. H. Bell. 2,322,743; June 29.
- Package fastener. H. Selkowitz. 2,337,778; Dec. 28.
- Package, Fold-closed. L. L. Salfsberg. 2,324,541; July 20.
- Package, Fold-closed. L. L. Salfsberg. 2,333,587; Nov. 2.
- Package for dispensing interfolded sheets. F. L. Broeren. 2,326,433; Aug. 10.
- Package for dispensing powder. A. A. Moran. 2,331,842; Oct. 12.
- Package for granular material. I. L. Wilcox. 2,332,768; Oct. 26.
- Package for ice cream cones, Dispensing. L. Pape and M. Weintraub. 2,323,841; July 6.
- Package for merchandise. J. B. Clavette. 2,309,500; Jan. 26.
- Package for milk and other fluid products. S. H. Berch. 2,337,730; Dec. 28.
- Package for natural sausage casings and curing and packing the same. G. J. Lorant. 2,329,064; Sept. 7.
- Package for rinses, ampoules, and the like. A. F. Peterson. 2,313,667; Mar. 9.
- Package for tea and like commodities. C. H. Hansen. 2,334,156; Nov. 9.
- Package for tobacco or other articles. A. G. Rose. 2,318,101; May 4.
- Package, forming and filling apparatus. F. D. Palmer. 2,309,209; Jan. 26.
- Package handle. W. J. Kitchen. 2,317,535; Apr. 27.
- Package, Hat. H. L. Diehl. 2,334,392; Nov. 16.
- Package, Hat. L. A. and R. M. Schornstein. 2,314,106; Mar. 16.
- Package having means for attaching matches thereto, Cigarette. H. H. Johnson. 2,315,964; Apr. 6.
- Package holder. J. P. McEnery. 2,314,360; Mar. 23.
- Package inverting machine. J. S. Cowl. 2,316,407; Apr. 13.
- Package, Jack. A. H. Lundstrom. 2,331,035; Oct. 5.
- Package labeling machine. J. F. Schenck, Jr., and R. W. Patterson. 2,311,969; Feb. 23.
- Package loading apparatus. J. F. Broadfoot. 2,331,508; Nov. 6.
- Package making and filling machine. L. L. Salfsberg. 2,336,962; Dec. 14.
- Package, Match. G. D. Martin. 2,310,535; Feb. 9.
- Package, Medical. W. J. Lanthearne. 2,335,015; Nov. 23.
- Package, Merchandising. E. Miller. 2,318,557; May 4.
- Package, Moistureproof. C. D. Mullinix. 2,334,019; Nov. 23.
- Package, Openable by tearing. L. L. Salfsberg. 2,329,360; Sept. 14.
- Package, opener device. C. C. Lehmer. 2,331,204; Oct. 5.
- Package opening means. M. S. Meyer. 2,308,197; Jan. 12.
- Package or container. K. T. Buttery. 2,335,913; Dec. 7.
- Package, packaging container and blank therefor. E. M. Brogren. 2,313,731; Mar. 16.
- Package, Paper roll. E. J. Farrell. 2,334,077; Nov. 9.
- Package, Physician's. E. J. Rhein. 2,319,556; May 18.
- Package, Quick opening. J. S. Flizkowski. 2,315,116; Mar. 30.
- Package, sealing and opening means. J. C. Dense and J. H. Craft, Jr. 2,321,066; June 8.
- Package sealing apparatus. F. D. Palmer. 2,331,927; Oct. 19.
- Package, Soda straw. G. O. Frostad. 2,319,448; May 18.
- Package, Stationery. V. K. Tremblett. 2,330,457; Sept. 28.
- Package, Strip metal. J. E. Ott. 2,328,356; Aug. 31.
- Package, Suture. W. S. Davis and C. T. Davis. 2,318,379; May 4.
- Package, Vacuum. S. R. Howard. 2,326,040; Aug. 10.
- Package with a fold-closed delivery neck. L. L. Salfsberg. 2,335,021; July 20.
- Package with opener. E. O. White. 2,317,719; Feb. 23.
- Package with rip cord, Wrapped. E. F. Corneck. 2,307,667; Jan. 5.
- Package wrapper and method. G. D. Davidson, Jr., and T. J. Norman, Jr. 2,327,024; Aug. 17.
- Packages. C. I. Elliott. 2,330,345; Sept. 28.
- Packages, Forming. W. T. Martin. 2,325,145; July 27.
- Packages, Making razor blade. R. Nadeau and A. Rothschild. 2,324,016; July 13.
- Packages, Producing liquid containing. H. F. Waters. 2,329,311; Sept. 14.
- Packages, Sealing. H. E. Stover and L. A. Von Till. 2,308,126; Jan. 12.
- Packaging. G. M. Brown. 2,331,762; Oct. 12.
- Packaging. R. T. K. Cornwell. 2,338,074; Dec. 28.
- Packaging. G. N. Fisher. 2,331,901; Oct. 19.
- Packaging. J. Ray. 2,307,076; Jan. 5.
- Packaging. T. R. Winchell. 2,307,250; Jan. 5.
- Packaging and sterilizing food products. J. Mills and C. W. Lang. 2,338,003; Dec. 28.
- Packaging apparatus. L. E. Davies. 2,319,213; May 18.
- Packaging apparatus. E. E. Erickson. 2,325,670; Aug. 3.
- Packaging apparatus. A. F. Toelke, R. Gehne, and P. J. Wenta. 2,314,434; Mar. 23.
- Packaging apparatus and method. M. Allatt. 2,309,621; Feb. 2.
- Packaging device, Ham pressing and. J. Ople. 2,337,406; Dec. 21.
- Packaging machine. F. B. Casey. 2,335,738; Nov. 30.
- Packaging machine. W. J. Fedorchak, J. R. Johnson, and A. S. Jackson. 2,331,018; Oct. 5.
- Packaging machine. J. Hohl, O. Hering, C. P. Whittier and E. E. Lakso. 2,333,571; Nov. 2.
- Packaging machine. S. R. Howard. 2,313,643; Mar. 9.
- Packaging machine. S. R. Howard. 2,316,867; Apr. 20.
- Packaging machine. S. R. Howard. 2,327,267; Aug. 17.
- Packaging machine. S. R. Howard. 2,333,790; Nov. 9.
- Packaging machine. V. Popov. 2,320,650; June 1.
- Packaging machine. E. M. Runquist and L. A. Ederer. 2,320,798; June 1.
- Packaging machine. R. W. Vergobbi. 2,328,758; Sept. 7.
- Packaging machinery for razor blades and like articles. G. I. Hohl. 2,325,774; Aug. 3.
- Packaging material and making same, Printed. K. E. Prindle. 2,337,348; Dec. 21.
- Packaging means for shipping articles in containers. L. W. Reaume. 2,330,448; Sept. 28.
- Packaging method. F. W. Lanigan and T. F. Cass, Jr. 2,335,865; Dec. 7.
- Packaging process. G. A. Moore. 2,335,192; Nov. 23.
- Packaging sheet material and the like. D. A. Di Cicco. 2,321,187; June 8.
- Packed joint. R. S. Eggleston. 2,307,828; Jan. 12.
- Packed swivel joint. W. E. King. 2,312,341; Mar. 2.
- Packed type expansion joint. R. Hall and H. R. Rhodes. 2,323,179; June 29.
- Packer, Oil well. F. A. Reed. 2,335,025; Nov. 23.
- Packer, Refuse. E. R. Barrett. 2,323,366; July 6.
- Packer, Well. R. C. Baker. 2,330,259; Sept. 28.
- Packet, Coin. S. Head. 2,331,188; Oct. 5.

- Packet safety match. D. C. Ford. 2,314,974; Mar. 30.
 Packing. T. W. Adair. 2,309,154; Jan. 26.
 Packing. G. Christenson. 2,318,757; May 11.
 Packing. H. R. Fry. 2,337,986; Dec. 28.
 Packing and display case. D. J. Snyder. 2,324,436; July 13.
 Packing and display container. R. Guyer. 2,331,551; Oct. 12.
 Packing and making the same, Metallic. J. J. Fiechter. 2,316,778; Apr. 20.
 Packing assembly. F. A. Gruetjen. 2,320,589; June 1.
 Packing box. H. C. Bohnke. 2,321,063; June 8.
 Packing box and lining therefor. C. A. Biggs. 2,330,262; Sept. 28.
 Packing containers. R. Guyer. 2,323,467; July 6.
 Packing device. J. L. Gratzmüller and L. R. Ignace. 2,313,486; Mar. 9.
 Packing device. C. J. McCoy and W. O. Butler. 2,321,927; June 15.
 Packing device. T. S. Miller. 2,309,658; Feb. 2.
 Packing device. T. S. Miller. 2,309,974; Feb. 2.
 Packing device for rotatable or reciprocable elements. W. Murray. 2,307,152; Jan. 5.
 Packing device, Interior. R. H. Van Saun. Re. 22,305; Apr. 20.
 Packing for eggs and other brittle articles. K. Heshe. 2,313,487; Mar. 9.
 Packing for fractionating columns. W. J. Podbielniak. 2,322,110; Oct. 19.
 Packing for pistons, shafts, and the like. J. H. F. Stewart. 2,322,763; Oct. 26.
 Packing gland. A. E. Bingham. 2,308,149; Jan. 12.
 Packing, Hydraulic. J. H. Halstead. 2,326,355; Aug. 10.
 Packing, Lettuce. F. J. McCann. 2,331,129; Oct. 5.
 Packing, Machinery. R. J. Bush. 2,326,286; Aug. 10.
 Packing material, Flexible. R. B. Kingman. 2,329,394; Sept. 21.
 Packing, Perishables and package. I. L. Phillips. 2,336,291; Dec. 7.
 Packing, Propeller blade. W. S. Hoover. 2,318,486; May 4.
 Packing ring. L. D. Hilton. 2,330,425; Sept. 28.
 Packing ring for locomotive piston rods and the like, Metallic. J. W. Price, Jr. 2,333,196; Nov. 2.
 Packing ring or bearing element. E. A. Koether. 2,315,798; Apr. 6.
 Packing runners for curtain rails. L. G. Hindson and N. Powell. 2,317,531; Apr. 27.
 Packing, Spring filled. C. T. Ripley and W. M. Gibbs. 2,320,706; June 1.
 Packing structure for eggs. K. K. Newsom. 2,310,110; Feb. 2.
 Packless valve. L. J. Lewis and H. W. Oggenfuss. 2,308,183; Jan. 12.
 Pad, See:
 Adjustable truss pad. Heating pad.
 Athletic shoe pad. Heel pad.
 Catamenial pad. Ironing pad.
 Depilatory abrasive pad. Labor saving report pad.
 Depilatory pad. Metal wool pad.
 Desk pad. Needle pad.
 Detachable footwear pad. Reool pad.
 Differential truss pad. Rubber press pad.
 Electric heating pad. Shoe pressure pad.
 Hair curling pad. Shoulder pad.
 Hair waving pad. Ski foot pad.
 Heated shoe press pad. Sleeve pressing pad.
 Heater pad. Type bar cushioning pad.
 Pad. W. S. Pinnell. 2,319,923; May 25.
 Pad and disposable bag, Combination adapter. E. M. Clarke. 2,337,648; Dec. 28.
 Pad, Brassière. L. H. Middlecoff. 2,333,434; Nov. 2.
 Pad cover and making same. I. C. Anderson. 2,314,436; Mar. 23.
 Pad for airplanes, Crash. W. Uffelman. 2,332,357; Oct. 19.
 Pad, manufacture. J. R. Millar. 2,325,265; July 27.
 Pads crown cap. W. F. Punt. 2,327,454-5; Aug. 24.
 Pads for shoes, Preparing. G. S. Ditt. 2,313,552; Mar. 9.
 Padlock. H. G. Voight. 2,330,765; Sept. 28.
 Padlocked slider for slide fasteners. M. Greene. 2,310,627; Feb. 9.
 Page and indicating device, Letter. P. J. A. van Deinse. 2,335,092; Nov. 23.
 Pad, Milk. E. J. Sattler. 2,318,424; May 4.
 Pain-alleviating material. H. C. Connell. 2,310,937; Feb. 16.
 Paint, Air-drying water. A. M. Howald and M. H. Bigelow. 2,334,096; Nov. 9.
 Paint and varnish remover. J. C. Blakeslee. 2,308,407; Jan. 12.
 Paint and varnish remover composition. C. Ellis. 2,327,701; Aug. 24.
 Paint applying device. W. Piercy. 2,321,511; June 8.
 Paintbrush. E. L. Hawkins. 2,329,534; Sept. 14.
 Paint brush and paint holders, Combination. H. J. Dietrich. 2,318,930; May 11.
 Paint brush rack. H. R. Lindell. 2,310,533; Feb. 9.
 Paint brush, Self feeding. V. Pino. 2,336,419; Dec. 7.
 Paint burning and scraping tool. J. S. Fagan. 2,326,630; Aug. 10.
 Paint can handle and brush wiping attachment. T. D. Campbell. 2,320,262; May 25.
 Paint composition. W. O. Hose and P. Zurcher. 2,332,636; Oct. 26.
 Paint composition. L. J. Howlett and W. H. Howlett. 2,316,585; Apr. 13.
 Paint fillers and pigments, Treatment of. H. W. Hall. 2,336,728; Dec. 14.
 Paint hanger. E. Dahl. 2,308,805; Jan. 19.
 Painting apparatus. R. S. Thompson. 2,331,516; Oct. 12.
 Painting device. M. Matsakas. 2,325,867; Aug. 3.
 Paint inspection. C. F. Arnold and L. L. Kortkamp. 2,320,842; June 1.
 Paint mask structure. J. E. Duggan. 2,324,568; July 20.
 Paint mask structure. J. E. Duggan. 2,328,203; Aug. 31.
 Paint-mixing machine. A. P. Jorgenson. 2,323,403; July 6.
 Paint pigment composition. R. L. Hallows and V. C. Walker. 2,330,050; Sept. 21.
 Paint removing tool. H. Christopherson. 2,332,943; Oct. 26.
 Paint, Water. A. M. Howald and J. A. Murray. 2,334,097; Nov. 9.
 Paints, Conditioning. A. C. Elide and H. A. Depew. 2,333,367; Nov. 2.
 Paints. C. A. Rippen. 2,311,871; Feb. 23.
 Paint. W. A. and I. M. Sillman. 2,310,752; Feb. 9.
 Pallet. G. B. White. 2,330,852; Oct. 5.
 Pallet, Reversible. G. Quayle. 2,311,280; Feb. 16.
 Pallet, Throw-away. J. J. Neuman. 2,328,397; Aug. 31.
 Pan, Baking. A. L. Langel. 2,329,772; Sept. 21.
 Pan, Baking. J. D. McDonald. 2,326,546; Aug. 10.
 Pan, Bed. M. A. Bolton. 2,320,845; June 1.
 Pan for refrigerators, Storage. D. H. Gaston. 2,330,044; Sept. 21.
 Pan line connector. J. A. MacPherson and E. Lasnik. 2,307,414; Jan. 5.
 Pan, Multiple baking. A. L. Langel. 2,323,922; July 13.
 Pan or like conveyer, Endless. L. S. Harber and J. E. Pointon. 2,308,686; Jan. 19.
 Pan, Pie. E. N. Bassett. 2,327,988; Aug. 31.
 Pan, Vacuum boiling. J. J. Neuman. 2,335,131; Nov. 23.
 Panel. G. B. Starie. 2,322,068; June 15.
 Panel. G. Trautvetter. 2,333,600; Nov. 2.
 Panel board. C. Batcheller. 2,334,694; Nov. 23.
 Panel, Building. E. S. Harman. 2,329,610; Sept. 14.
 Panel, Concrete form. W. A. Jennings. 2,336,253; Dec. 7.
 Panel connection. R. J. Barry. 2,323,272; June 29.
 Panel connection. R. J. Barry. 2,323,273; June 29.
 Panel construction. F. P. Beil. 2,311,361; Feb. 16.
 Panel construction, Glass. J. J. Ohls. 2,314,238; Mar. 16.
 Panel construction, Refractory. J. H. Henzel. 2,321,813; June 15.
 Panel conveying and stacking apparatus. E. L. Graf. 2,333,479; Nov. 2.
 Panel, door or closure, Flexible. A. P. Ritter. 2,314,470; Feb. 16.
 Panel fastener. H. W. Kost. 2,322,852; June 29.
 Panel, Floor. H. H. Bunker. 2,336,713; Dec. 14.
 Panel furnace construction. M. P. Youker and W. H. Creel. 2,315,833; Apr. 6.
 Panel, Interlocking decking. C. N. Wilson. 2,335,556; Nov. 30.
 Panel, Laminated glazing. B. J. Dennison. 2,326,203; Aug. 10.
 Panel manipulating device. G. J. Snyder. 2,308,118; Jan. 12.
 Panel mounting and fastener therefor. A. H. Tinerman. 2,328,757; Sept. 7.
 Panel mounting means, Finishing. R. W. Hall. 2,337,239; Dec. 21.
 Panel or switch box. G. R. Smith. 2,321,868; June 15.
 Panel selector. P. Husta and W. O. Wagenseil. 2,318,159; May 4.
 Panel structure. F. Van Cleef. 2,326,581; Aug. 10.
 Panel, Trim. E. P. Bolen and E. R. Detrick. 2,317,583; Apr. 27.
 Panel, Trim. E. R. Detrick. 2,334,811; Nov. 23.
 Panel, Wooden. G. M. Hunt. G. C. McNaughton, and T. J. Martin. 2,332,081; Oct. 19.
 Panels to framework, Attaching. E. Schaefer. 2,307,080; Jan. 5.
 Panic bolt. E. J. G. Phillips. 2,320,298; May 25.
 Panties, Baby. W. S. Jopson. 2,320,458; June 1.
 Pantograph. H. H. Wilder. 2,332,880; Oct. 26.
 Pants, Pajama. T. B. Terry. 2,325,924; Aug. 3.
 Paper and board, Manufacture of. S. Musher. 2,324,529; July 20.
 Paper and board, Manufacturing. L. M. Booth. 2,315,892; Apr. 6.
 Paper and its production. O. Hansen and H. Scheuermann. 2,337,887; Dec. 28.
 Paper and making same. L. L. Dodge. 2,319,116; May 11.
 Paper and making same, Protective. B. W. Smith. 2,329,144; Sept. 7.
 Paper and making same, Safety. F. L. Simons. 2,331,575; Oct. 12.

- Paper and making same, Safety. B. W. Smith. 2,320,143; Sept. 7.
- Paper and manufacture, and laminated products. F. F. Newkirk. 2,315,128; Mar. 30.
- Paper and paperboard. Treatment of. S. Musher. 2,325,624; Aug. 3.
- Paper and preparing the same. F. H. Osborne. 2,336,367; Dec. 7.
- Paper and preparing the same, Safety. B. W. Smith. 2,335,592; Mar. 9.
- Paper and the like. Treatment of. J. V. Bauer and D. M. Hawley. 2,300,080; Jan. 26.
- Paper bag. L. Coakley and H. V. Kindseth. 2,335,844; Dec. 7.
- Paper bag holder. H. C. Harrison. 2,320,233; May 25.
- Paperboard container. D. Benschel. 2,317,355; Apr. 27.
- Paper board units. Production of. W. J. Goettsch. 2,309,728; Feb. 2.
- Paper bottle. W. and H. H. Pelzer. 2,323,078; June 29.
- Paper box. G. V. Poe. 2,316,362; Apr. 13.
- Paper box. H. B. Royce. 2,316,157; Apr. 13.
- Paper box structure. J. H. O'Brien. 2,308,384; Jan. 12.
- Paper. Carbon. A. G. Kjellstrand. 2,322,367; June 22.
- Paper clip. W. B. Becker. 2,325,993; Dec. 7.
- Paper clip. W. A. Jennings. 2,324,229; July 29.
- Paper clip. H. Marlon, J. A. Perlstein, and F. J. O'Donnell. 2,323,552; July 6.
- Paper clip. W. J. Peterson. 2,310,458; Feb. 9.
- Paper. Coated. J. K. Speicher. 2,319,357; May 25.
- Paper. Coated glossine. T. A. Knappl and R. W. Kolderman. 2,325,402; July 27.
- Paper. Coating. H. J. Adrian. 2,313,497; Mar. 9.
- Paper. Coating. W. J. Montgomery. 2,331,922; Oct. 19.
- Paper. Coating. E. Warner. 2,316,202; Apr. 13.
- Paper-coating apparatus. L. Parkinson. 2,320,883; June 1.
- Paper coating device. W. F. Thiele and W. E. Beadle, Sr. 2,333,902; Nov. 9.
- Paper. Coating of. J. D. Murray. 2,312,927; Mar. 2.
- Paper. Coating of. F. G. Rawling. 2,312,244; June 8.
- Paper. Copy and recording. H. R. Dalton. 2,313,808; Mar. 16.
- Paper cutter. O. Bellar. 2,325,030; July 27.
- Paper cutter. D. T. Helprin. 2,310,488; Feb. 9.
- Paper cutter. M. C. Kabligting. 2,320,363; June 1.
- Paper cutting device. E. S. Savage. 2,307,424; Jan. 5.
- Paper-cutting machine spacing mechanism. M. Sender. 2,336,645; Dec. 14.
- Paper dish and base therefor. H. Carew. 2,315,591; Apr. 6.
- Paper dispenser. G. Frost. 2,331,675; Oct. 12.
- Paper dispensing package. J. A. Doll. 2,334,997; Nov. 23.
- Paper. Facsimile recording. W. G. H. Finch. 2,310,946; Feb. 16.
- Paper fastener. A. Gelfand. 2,328,268; Aug. 31.
- Paper fastener. O. A. Krenke. 2,326,366; Aug. 10.
- Paper fastener. E. Kriegsman. 2,324,004; July 13.
- Paper fastener. H. D. Lawson. 2,333,016; Oct. 26.
- Paper fastener. C. I. Wagner. 2,314,592; Mar. 23.
- Paper feed mechanism. J. Mueller. 2,311,456; Feb. 16.
- Paper feed mechanism for business machines. E. Racz. 2,337,270; Dec. 21.
- Paper feeding device. I. Ghertzmann. 2,310,418; Feb. 9.
- Paper feeding device. R. E. Paris. 2,315,731; Apr. 6.
- Paper feeding mechanism. J. Q. Sherman and A. W. Metzner. 2,327,377; Aug. 24.
- Paper. Greaseproof. R. D. Freeman, F. C. Peterson, and G. K. Greminger, Jr. 2,308,692; Jan. 19.
- Paper guide and cutter attachment for built-in toilet paper roll fixtures. H. D. Noel. 2,331,791; Oct. 12.
- Paper hanger's tear plate. A. G. Johnson. 2,323,048; June 29.
- Paperhanging machine. M. J. Horan. 2,336,865; Dec. 14.
- Paper. High-wet-strength. K. W. Britt. 2,325,302; July 27.
- Paper holding and dispensing receptacle. H. B. Mason. 2,319,071; May 11.
- Paper. Impregnated. S. C. Fairbanks. 2,314,820; Mar. 23.
- Paper. Improving the quality of. J. R. Denton. 2,319,800; May 25.
- Paper laminating machine. J. N. Tuttle. 2,330,530; Sept. 23.
- Paper machine. L. Hornbostel. 2,330,891; Oct. 5.
- Paper machine slice assembly. D. Warren. 2,325,016; July 20.
- Paper. Making. J. A. Bicknell. 2,322,185; June 15.
- Papermaking. D. B. Bradner and G. C. Munro. 2,312,310; Mar. 2.
- Paper making. J. A. Spencer. 2,335,830; Nov. 30.
- Papermaking apparatus. W. M. Leeson. 2,321,830; June 15.
- Paper. Making coated. D. B. Bradner and W. J. Montgomery. 2,337,013; Dec. 14.
- Paper. Making coated laminated. P. S. Barnhart. 2,325,584; Aug. 3.
- Papermaking machine. Cross current cylinder type. L. Hornbostel. 2,319,133; May 11.
- Papermaking machinery. Slice for. W. M. Wilson. 2,337,288; Dec. 21.
- Paper manufacture. D. F. Morris and L. R. Growdon. 2,314,797; Mar. 23.
- Paper manufacture. J. E. Plumstead. 2,332,750; Oct. 26.
- Paper. Manufacture of. L. W. Hutchins. 2,332,226; Oct. 19.
- Paper novelty. H. E. Luhrs. 2,335,070; Nov. 23.
- Paper of improved wet strength. Making. J. V. Bauer and D. M. Hawley. 2,309,080; Jan. 26.
- Paper or the like bag. R. P. Bushman. 2,311,733; Feb. 23.
- Paper pencil holder. J. C. Hatfield. 2,310,632; Feb. 9.
- Paper. Photographic copying. F. W. Boughton. 2,324,060; July 13.
- Paper. Producing high wet strength. G. L. Schwartz and J. E. Walker. 2,322,888; June 29.
- Paper products. Making sized. E. R. Edson and C. Q. Ives. 2,337,458; Dec. 21.
- Paper pulp screen. E. A. Beck and R. E. Cleveland. 2,311,813; Feb. 23.
- Paper pulp suspensions. Method and apparatus for separating heavy particles from. H. Freeman. 2,312,706; Mar. 2.
- Paper punch. C. Hutchinson. 2,327,646; Aug. 24.
- Paper roll dispenser. A. G. Krueger. 2,320,749; June 1.
- Paper roll dispenser. L. M. White. 2,324,969; July 20.
- Paper. Safety. R. H. Bradt. 2,333,979; Nov. 9.
- Paper sheet dispensing box. N. Fleischer. 2,308,273; Jan. 12.
- Paper sizing. P. B. Davidson. 2,320,771; June 1.
- Paper. Sizing material. G. B. Fowler and D. K. Pattulloch. 2,326,849; Aug. 17.
- Paper. Sizing of. E. Trommsdorff. 2,315,675; Apr. 6.
- Paper stock. Preparation of. E. Cowles. 2,331,455; Oct. 12.
- Paper. Treatment of. H. S. Mitchell. 2,309,079; Jan. 19.
- Paper with starch. Sizing. E. R. Edson and C. Q. Ives. 2,337,458; Dec. 21.
- Papers. Decalcomania. J. MacLaurin. 2,316,120; Apr. 6.
- Parachute. G. G. Coleman. 2,318,674; May 11.
- Parachute. P. Nasca. 2,308,797; Jan. 19.
- Parachute. T. C. Schenk. 2,317,115; Apr. 20.
- Parachute and parachute pack. F. Smith. 2,316,895; Apr. 20.
- Parachute borne equipment containers from aircraft. Multiple launching of. H. Wilson. 2,326,813; Aug. 17.
- Parachute delivery container. Multipurpose. H. Wilson and W. P. Yarborough. 2,314,914; Mar. 30.
- Parachute device. G. E. Giroux. 2,309,107; Jan. 26.
- Parachute device. Captive. L. Hawthorne. 2,311,171; Feb. 16.
- Parachute harness. F. Smith. 2,314,002; Mar. 23.
- Parachute harness and pack. G. G. Coleman. 2,318,673; May 11.
- Parachute pack. F. Smith. 2,337,168; Dec. 21.
- Parachute. Paper. D. B. Hastings. 2,337,192; Dec. 21.
- Parachute release hook. J. E. Kubat. 2,328,914; Sept. 7.
- Parachute tool. L. J. Fremau. 2,335,589; Nov. 30.
- Paraffin alkylation process. C. J. Ott. 2,317,694; Apr. 27.
- Paraffin composition. Antioxidizing. H. G. Vore. 2,325,085; July 27.
- Paraffin composition. Antioxidizing. H. G. Vore. 2,325,167; July 27.
- Paraffin hydrocarbons. Alkylation of. A. V. Grosse and C. B. Linn. 2,325,052; July 27.
- Paraffin hydrocarbons. Alkylation of. C. L. Thomas. 2,313,103; Mar. 9.
- Paraffin-olefine mixtures. Production of. A. Cantzler and H. Kreckler. 2,315,499; Apr. 6.
- Paraffin scraping tool. L. L. O. Cranford. 2,322,419; June 22.
- Paraffin solvent. W. H. Ellinger. 2,317,038; Apr. 20.
- Paraffin. Treatment of. V. N. Ipatieff and H. Pines. 2,327,188; Aug. 17.
- Paraffin. Isomerization and alkylation of. C. W. Montgomery. 2,313,661; Mar. 9.
- Paraffins. Isomerization of. V. N. Ipatieff and H. Pines. 2,316,247-8; Apr. 13.
- Paraffins. Isomerization of. E. E. Stahly. 2,332,275; Oct. 19.
- Paraffins. Isomerization of normal. S. F. Birch and J. H. Beynon. 2,330,787; Sept. 28.
- Paraffin hydroxyisophenones. Producing. W. Zerweck and W. Brunner. 2,314,379; Mar. 23.
- Parallel fiber filters. Making. A. L. Simson. 2,328,302; Aug. 31.
- Parallel operation of interrupting means. H. J. Brown. 2,327,575; Aug. 24.
- Parallel operation of regulator interrupters. H. J. Brown. 2,327,578; Aug. 24.
- Parasitic oscillation suppression with compressed air condensers in thermionic circuits. J. L. Finch. 2,313,330; Mar. 9.
- Parasiticide. Composition and preparation. G. E. Lynn. 2,330,227; Sept. 28.
- Parasiticide preparation. W. P. ter Horst. 2,329,861; Sept. 28.
- Parasiticide. F. B. Smith, G. E. Lynn, and F. W. Fletcher. 2,336,308; Dec. 7.

- Parasiticide. W. P. ter Horst. 2,311,585; Feb. 16.
Parasiticide composition and producing the same. F. J. Seibert and L. C. Roller. 2,313,585-9; Mar. 9.
Parasiticide Contact. G. E. Lynn, F. W. Fletcher, and G. H. Coleman. 2,316,962; Apr. 20.
Parasiticides. E. Urbischat and F. Heckmanns. 2,325,720; Aug. 3.
Parasiticides, Applying. L. D. Goodhue and W. N. Sullivan. 2,321,023; June 8.
Parenteral injection device. J. E. B. Shaw. 2,314,167; Mar. 16.
Parer, Citrus fruit. D. L. Ellis. 2,307,829; Jan. 12.
Parer, Vegetable and fruit. P. Baumgarten. 2,320,061; May 25.
Paring implement. H. Gamache. 2,321,289; June 8.
Parking apparatus and ticket stamping means. E. J. Sweetland. 2,328,858; Sept. 7.
Parking brake. B. E. House. 2,328,720; Sept. 7.
Parking garage system. H. E. Warren. 2,316,034; Apr. 6.
Parking indicator. J. Hickey. 2,337,194; Dec. 21.
Parking meter. W. Eisenschmidt. 2,333,994; Nov. 9.
Parking meter. W. W. Jones. 2,323,402; July 6.
Parking meter. C. A. MacCordy. 2,327,538; Aug. 24.
Parking meter. F. L. Macchaeis. 2,311,242; Feb. 16.
Parking meter. R. N. Woodruff and C. A. Toce. 2,328,043; Aug. 31.
Parting material. R. M. Carson and R. R. Saeks. 2,327,173; Aug. 17.
Partition block. C. L. Sanford. 2,318,889; May 11.
Partition construction. V. Lefebvre. 2,325,254; July 27.
Partition construction. A. E. Symington. 2,331,745; Oct. 12.
Parting device. B. Gustafson and S. Geipe. 2,309,896; Feb. 2.
Partitioning means for partible bodies. C. J. Schneider. 2,320,386; June 1.
Passenger car and ambulance, Convertible. S. H. Swift. 2,337,505; Dec. 21.
Paste and making same, Non-leaving aluminium. G. M. Broock. 2,309,377; Jan. 26.
Paste retainer, Battery. A. W. Keen. 2,318,498; May 4.
Paste tube closure means. C. J. Peak. 2,331,078; Oct. 5.
Pastes from polymerized vinyl chloride, Production of. A. Renfrew and J. W. Davidson. 2,327,128; Aug. 17.
Pasturizer. A. H. Boileau. 2,321,453; June 8.
Pasturizer, Continuous juice. C. E. Kerr. 2,338,040; Dec. 28.
Pasturizing apparatus. E. C. Damrow. 2,324,615; July 20.
Pasturizing apparatus. G. J. Meyer. 2,333,544; Nov. 2.
Pasturizing system. R. E. Olson. 2,321,235; June 8.
Pastry gauge. M. Leve. 2,308,817; Jan. 19.
Pastry icing apparatus. J. MacManus. 2,320,529; June 1.
Patch for locomotive syphons, Heel. E. H. Heidel. 2,331,652; Oct. 12.
Patching material for rubber goods. D. T. Starr. 2,319,272; May 18.
Path-making device. H. F. Sleg. 2,315,743; Apr. 6.
Pattern. J. Squire. 2,336,898; Dec. 14.
Pattern and guide strip. R. S. Knight. 2,307,593; Jan. 5.
Pattern contours, Method of and machine for reproducing. A. A. Meyer. 2,331,337; Oct. 12.
Pattern controlled copying machine. F. A. Parsons. 2,335,304; Nov. 30.
Pattern controlled machine. A. H. Edmonds and H. M. Noble. 2,330,566; Sept. 28.
Pattern means for knitting machines. A. L. Hutton, Jr., J. H. C. Green, and B. St. Pierre. 2,323,993; July 13.
Pattern mechanism for looms. J. O. Lee and A. C. Campbell. 2,315,863; Apr. 6.
Pattern mechanism for the manufacture of lace patterns. J. Lorenz. 2,307,376; Jan. 5.
Pattern, Multiple. S. Landa. 2,325,329; July 27.
Patterned cellulosic fabric, Producing. H. I. Huey and W. W. Russell. 2,319,903; May 25.
Patterns, Creation of design. L. E. Eymann. 2,317,043; Apr. 20.
Pavement. R. W. Hunter. 2,309,593; Jan. 26.
Pavement. F. W. Schaeffer. 2,323,848; July 6.
Pavement joint. A. E. Brickman. 2,319,972; May 25.
Pavement joint. A. E. Brickman. 2,325,472; July 27.
Pavement joint. R. B. Tufts. 2,311,286; Feb. 16.
Pavements and like, Making. J. M. Valles Sanchez. 2,329,670; Sept. 14.
Paving. K. E. McConnaughay. 2,326,045; Aug. 3.
Pawl freewheel. F. Krels. 2,308,926; Jan. 19.
Pea hulling machine. E. A. Holmes. 2,328,015; Aug. 31.
Pea shelling tool. H. W. Hastwell. 2,325,509; July 27.
Pea viner. W. F. Christel. 2,321,461; June 8.
Pepper pitter, Freestone. E. O. Burling. 2,324,470; July 20.
Peach splitter and pitter. J. Perrelli and R. H. Smille. 2,336,123; Dec. 7.
Peaches and the like for defuzzing, Preparing wet. E. M. Wayland. 2,323,171; June 29.
Peanut butter process. G. A. Fisher. 2,307,398; Jan. 5.
Peanut harvesting machine. J. B. Dorsey. 2,328,790; Sept. 7.
Pear preparation machine. A. R. Thompson. 2,335,619-20; Nov. 30.
Pectin extraction and recovery of. P. B. Myers and A. H. Rouse. 2,323,483; July 6.
Pedal. N. E. Wahlberg. 2,312,277; Feb. 23.
Pedal for bicycles, Safety. P. J. and D. R. Yeater. 2,315,380; Mar. 30.
Pedal device, Accelerator. G. A. Rubissow. 2,330,385; Sept. 28.
Pedal structure for educational airplane-cockpit outfit. S. Gold. 2,331,605; Oct. 12.
Peeler, Orange and grapefruit. H. J. Effler. 2,309,177; Jan. 26.
Pellet forming apparatus. E. E. Beeton and H. T. Campbell. 2,323,785; July 6.
Pelleting carbon black. S. C. Carney. 2,327,016; July 27.
Pelleting machine. C. W. Cover. 2,325,374; July 27.
Pelts or furs, Treating. S. Gottfried. 2,323,751; July 6.
Pen. E. F. Alstrom, Jr. 2,332,771; Oct. 26.
Pen. J. W. Para. 2,337,343; Dec. 21.
Pen construction. A. C. Bussey. 2,311,207; Feb. 16.
Pen, Drafting. F. G. Eubanks. 2,322,002; June 15.
Pen, Fountain. B. W. Hanle. 2,328,143; Aug. 31.
Pen, Fountain. B. W. Hanle. 2,331,606; Oct. 12.
Pen, Fountain. S. Lubran. 2,329,996; Sept. 21.
Pen, Fountain. C. E. Marshall. 2,324,008; July 13.
Pen, Fountain. F. P. Moore. 2,325,069; July 27.
Pen, Fountain. W. G. Nichol. 2,336,028; Dec. 7.
Pen, Fountain. W. K. Olson. 2,314,551; Mar. 23.
Pen, Fountain. S. M. Sager. 2,325,550; July 27.
Pen, Fountain. H. D. Stempel and R. E. Freeman. 2,314,563; Mar. 23.
Pen, Fountain. N. E. Weigel. 2,328,116; Aug. 31.
Pen, Fountain. N. E. Weigel. 2,335,223; Nov. 23.
Pen nib and making same. J. A. Shea. 2,313,779; Mar. 16.
Pen nibs, Making. J. A. Shea. 2,313,778; Mar. 16.
Pen point material. N. E. Weigel. 2,316,478; Apr. 13.
Pen point, Ruthenium alloy. M. R. Pickus. 2,328,580; Sept. 7.
Pens, Making. J. A. Shea. 2,313,777; Mar. 16.
Pens, Making. J. A. Shea. 2,314,054; Mar. 16.
Pens, Manufacture of metal writing. S. E. Longmaid. 2,320,369; June 1.
Pencil. I. Chesler. 2,319,585; May 18.
Pencil, Calendar. S. G. Lipie. 2,329,631; Sept. 14.
Pencil, Camouflage. C. S. Althouse. 2,334,527; Nov. 16.
Pencil, Clutch. W. O. Ponth. 2,332,255; Oct. 19.
Pencil, Fountain. E. C. Berners. 2,314,583; Mar. 23.
Pencil holder and sharpening device. H. E. Conn. 2,334,477; Nov. 16.
Pencil, Lead. A. Leistenschneider. 2,311,906; Feb. 23.
Pencil, Mechanical. H. M. Farrington. 2,314,777; Mar. 18.
Pencil, Mechanical. F. P. Moore. 2,319,823; May 25.
Pencil, Mechanical. F. P. Moore. 2,333,876; Nov. 9.
Pencil, Mechanical. L. J. Most. 2,329,355; Sept. 14.
Pencil tip, Mechanical. H. S. Hassequist. 2,332,223; Oct. 19.
Pencil, Wide lead mechanical. C. C. Harris and L. T. Bassett. 2,338,068; Dec. 28.
Pentacrythritol, Preparation of. R. F. B. Cox. 2,329,514; Sept. 14.
Peptizing agent. E. F. Christopher. 2,334,607; Nov. 16.
Perchloromethyl mercaptan reaction product. D. Badertscher, H. G. Berger, and F. M. Seger. 2,319,183; May 11.
Percolator boiler. A. P. Livar. 2,316,603; Apr. 13.
Percolator, Coffee. C. W. Clapp and P. L. Orr. 2,334,752; Nov. 23.
Perfusion extracting device. O. L. Caviglia. 2,337,971; Dec. 28.
Perfusion fuse for projectiles. G. W. Patchett. 2,322,543; June 22.
Perfusion tool. D. L. Garrett. 2,326,136; Aug. 10.
Perfusion tool. C. S. Weyandt and E. J. Mission. 2,315,993; Apr. 6.
Perfusion tool. O. J. Schorer. 2,337,351; Dec. 21.
Perforating apparatus. C. O. Davis and W. S. Pilcher. 2,316,054; Apr. 6.
Perforating device. C. P. Kipp. 2,328,558; Sept. 7.
Perforating machine. A. H. Dickinson. 2,315,691; Apr. 6.
Perforating machine. E. G. Rix. 2,330,997; Oct. 5.
Perforating machine provided with clutch control mechanisms. H. Boothroyd. 2,315,041; Mar. 30.
Perforator and firing device therefor. Gun. J. Johnson. 2,334,931; Nov. 23.
Perforator for well pipes. J. C. Luccous. 2,315,437; Mar. 30.
Perforator for wells. A. Boynton. 2,315,496; Apr. 6.
Perforator, Keyboard. R. A. Lake. 2,323,921; July 13.
Perfumes, Preservation of. C. N. Andersen. 2,324,347; July 13.
Perimeter target, Adjustable. R. J. Beltel, Jr. 2,316,042; Apr. 6.
Periodically operating electric switch. C. H. Rippl. 2,320,655; June 1.
Peripheral diamond grinding wheel. E. Van der Pyl. 2,334,048; Nov. 9.
Periscope. D. J. Crawford. 2,307,759; Jan. 12.
Periscope. D. J. Crawford. 2,310,939; Feb. 16.
Periscope. W. E. Laging. 2,325,253; July 27.

- Periscope vision device. D. R. Stamy. 2,333,827; Nov. 9.
 Pershables, Preserving. H. H. Robson. 2,315,379; Mar. 30.
 Permanent magnet and production. E. A. Nesbitt. 2,317,295; Apr. 20.
 Permanent magnet motor. J. M. Naul. 2,325,915; Aug. 3.
 Permanent waving apparatus. C. V. Leon. 2,331,485; Oct. 12.
 Permanent waving of hair. A. F. Willat. 2,331,065; Oct. 5.
 Permeable materials suitable for use as sausage casings. Manufacture of. O. L. Janser. 2,317,779; Apr. 27.
 Personal height gauge. J. C. Sutton. 2,324,334; July 13.
 Personal utilities receptacle. M. Evans. 2,336,294; Dec. 7.
 Perspiration diverter. Forchard. T. H. Larsen. 2,320,782; June 1.
 Perspirationproof means for hats and the like. M. W. Gano, Jr. 2,331,545; Oct. 12.
 Pessaries, Instrument for inserting. L. L. Winer. 2,332,283; Oct. 19.
 Pessary. C. G. Vincent. 2,321,656; July 20.
 Pessary. E. L. Youngkins. 2,310,561; Feb. 9.
 Pest control. E. W. Bousquet, J. E. Kirby, and N. E. Searle. 2,335,381; Nov. 20.
 Pest control. L. F. Plenner and A. H. Goddlin. 2,307,775; Jan. 12.
 Pest control. H. G. Guy. 2,327,105; Aug. 17.
 Pest control. W. H. Tisdale. 2,335,323; Nov. 30.
 Pest control composition. J. F. Lontz. 2,310,799; Feb. 9.
 Pesticide. M. L. Einsberger and J. F. Lontz. 2,330,605; Dec. 4.
 Pinned and like pipes for use in aircraft. R. Wilkinson and W. D. Douglas. 2,308,342; Jan. 12.
 Petroleum and like oils. Converting. T. P. Simpson, J. W. Payne, J. A. Crowley, Jr., and C. S. Teichworth. 2,329,658; Sept. 14.
 Petroleum deposits. Locating subterranean. R. O. Smith. 2,331,271; Feb. 23.
 Petroleum distillate. Manufacture of low boiling. H. W. Grote. 2,319,500; May 18.
 Petroleum distillates. Process of sweetening. M. C. K. Jones and R. C. Brandon. 2,320,277; May 25.
 Petroleum distillation. J. H. Carpenter, R. B. Kennedy, and H. J. McManahan. 2,310,837; Feb. 9.
 Petroleum emulsions and breaking agents. Breaking. A. Mosher, H. Tochtermann, O. Trösken. 2,323,344; July 6.
 Petroleum emulsions. Breaking. G. Allen. 2,326,599; Aug. 10.
 Petroleum emulsions. Breaking. G. Allen. 2,326,602; Aug. 10.
 Petroleum emulsions. Breaking. E. E. Claytor. 2,309,935; Feb. 2.
 Petroleum emulsions. Breaking. M. De Groote. 2,330,474; Sept. 28.
 Petroleum emulsions. Breaking. M. De Groote and B. Kelsner. 2,307,494-5; Jan. 5.
 Petroleum emulsions. Breaking. M. De Groote and B. Kelsner. 2,309,243; Jan. 26.
 Petroleum emulsions. Breaking. M. De Groote and B. Kelsner. 2,321,418-94; July 20.
 Petroleum emulsions. Breaking. M. De Groote and B. Kelsner. 2,329,699-703; Sept. 21.
 Petroleum emulsions. Breaking. M. de Groote and B. Kelsner. 2,333,760; Nov. 9.
 Petroleum emulsions. Breaking. M. De Groote and B. Kelsner. 2,335,202; Nov. 30.
 Petroleum fractions. Desulphurizing. A. C. Byrns. 2,325,034; July 27.
 Petroleum heater. R. S. Lyster. 2,326,473; Aug. 10.
 Petroleum heater. F. H. Praeger. 2,326,492; Aug. 10.
 Petroleum hydrocarbon emulsions. L. Liberthson. 2,307,744; Jan. 12.
 Petroleum hydrocarbons. Catalytic conversion of. M. J. See and J. C. Baile. 2,328,103; Aug. 31.
 Petroleum hydrocarbons. Polymerizing and cracking. W. T. Hancock. 2,310,630; Feb. 9.
 Petroleum hydrocarbons. Treating. W. T. Hancock. 2,316,954; Apr. 20.
 Petroleum lubricating jelly. W. A. Lutz and J. W. Pool. 2,320,002; May 25.
 Petroleum oil from siliceous strata and the treating agent therefor. Increasing production of. C. M. Blair, Jr. 2,331,594; Oct. 12.
 Petroleum oil into vapors and coke. Converting heavy. E. D. Reeves. 2,334,583; Nov. 10.
 Petroleum oils. Method of treating. L. M. Henderson and G. W. Ayers, Jr. 2,317,054; Apr. 20.
 Petroleum. Production of. J. L. Porter and I. R. Funk. 2,317,219; Apr. 20.
 Petroleum refining equipment. Cleaning. W. B. Killough. 2,332,800; Oct. 26.
 Petroleum residues or the like. Coking. M. H. Tuttle. 2,314,112; Mar. 16.
 Petroleum resins. Recovery of. R. L. Betts. 2,307,873; Jan. 12.
 Petroleum sludge acid. Concentration of. F. A. Ferguson. 2,308,163; Jan. 12.
 Petroleum stocks. Cracking of light. W. T. Hancock. 2,319,926; May 25.
 Petroleum sulphate products. L. Liberthson and M. Blumer. 2,307,743; Jan. 12.
 Petroleum sulphonic acid bodies and a stable lubricating oil. Simultaneous production of. P. G. Waldo, P. M. Goodloe, II, and H. G. Berger. 2,330,163; Sept. 21.
 Pezzar catheters. Manufacture of. J. M. Auzin. 2,309,294; Jan. 26.
 Pharmaceutical composition. A. F. Coca. 2,311,125; Mar. 16.
 Phase corrector for telegraph systems. W. A. Anderson. 2,309,622; Feb. 2.
 Phase discriminator. S. H. M. Dodginton. 2,335,265; Nov. 30.
 Phase indicating apparatus. D. G. C. Luck. 2,328,985; Sept. 7.
 Phase indicator. E. M. Irwin. 2,316,434; Apr. 13.
 Phase measurement. H. J. Schrader and T. A. Smith. 2,320,476; June 1.
 Phase meter. J. P. Minton. 2,318,248; May 4.
 Phase modulation. M. G. Crosby. 2,316,155; Apr. 13.
 Phase modulation. J. Evans. 2,318,954; May 11.
 Phase modulation. H. E. Goldstone. 2,335,934; Dec. 7.
 Phase modulation. L. R. Warthall. 2,320,963; June 1.
 Phase reversing means. D. M. Davis. 2,316,567; Apr. 13.
 Phase shifter. A. Alford. 2,335,723; Nov. 30.
 Phenanthrene compound and making the same. Hydrogenated. E. Dane. 2,315,505; Apr. 6.
 Phenazine oxide. Producing. E. C. Soule. 2,332,179; Oct. 19.
 Phenylaldehyde modification. S. S. Gutkin. 2,320,045; Sept. 7.
 Phenol and its homologues from chlorobenzene and its homologues. Production of. W. N. Mathes. 2,329,070; Sept. 7.
 Phenol-formaldehyde condensation products. Preparing. R. C. Swain and P. Adams. 2,331,744; Oct. 12.
 Phenol synthesis and catalyst. L. V. Redman. 2,311,777; Feb. 23.
 Phenol-urea-formaldehyde resins. P. Cuvier. 2,315,087; Mar. 30.
 Phenolic compounds. R. C. Pratt. 2,321,620; June 15.
 Phenolic compounds from petroleum. Recovery of. A. Pezzar and T. F. McCormick. 2,331,634; Oct. 5.
 Phenolic compounds. Preparing. J. P. Olin and J. L. Tuttle. 2,337,123; Dec. 21.
 Phenols and olefins. Production of. D. R. Stevens and J. B. McKinley. 2,327,938; Aug. 24.
 Phenols from mineral oils. Recovery of. M. C. K. Jones and B. R. Strickland. 2,327,526; Aug. 24.
 Phenols. Manufacture of. W. W. Moyer. 2,328,920; Sept. 7.
 Phenols. Separating alkyl. D. B. Luten, Jr., and A. De Benedictis. 2,327,312; Aug. 17.
 Phenols. Substituted. F. L. Taylor and J. E. Livak. 2,313,782; Mar. 16.
 Phenylacetylene. Preparing. W. Sandhaas. 2,317,808; Apr. 27.
 Phenyl mercuric carboxylic acid amide, Making. M. S. Kharasch. 2,336,359; Dec. 7.
 Phenylendianiline derivatives. Preparing. H. Von Bramer, L. G. Davy, and M. L. Clemens, Jr. 2,323,948; July 13.
 Phonograph. C. W. Dann. 2,320,572; June 1.
 Phonograph. M. J. Di Toro. 2,326,625; Aug. 10.
 Phonograph. C. G. Johnson and J. A. Boyajian. 2,323,472; July 6.
 Phonograph. R. H. Manson and A. E. Schell. 2,320,877; June 1.
 Phonograph. H. Recker. 2,334,619; Nov. 16.
 Phonograph. F. E. Runce. 2,325,708; Aug. 3.
 Phonograph. S. Yerkovich. 2,318,828; May 11.
 Phonograph apparatus. E. W. Kellogg. 2,324,214; July 13.
 Phonograph apparatus. F. Rieher. 2,318,098; May 4.
 Phonograph attachment. H. Zurstadt. 2,333,079; Oct. 26.
 Phonograph. Automatic. E. F. Andrews. 2,323,365; July 6.
 Phonograph. Automatic. G. Delchef. 2,313,193; Mar. 9.
 Phonograph. Automatic. J. Gabel. 2,326,633; Aug. 10.
 Phonograph. Automatic. O. A. Hokanson. 2,308,880; Jan. 19.
 Phonograph. Automatic. F. D. Lewis. 2,309,197; Jan. 26.
 Phonograph. Automatic. R. I. Wilcox. 2,327,753; Aug. 24.
 Phonograph. Automatic. B. F. Wissner. 2,318,654; May 11.
 Phonograph device. A. Cortella. 2,314,345; Mar. 23.
 Phonograph disks. Manufacturing. A. B. St. Hilaire. 2,332,945; Oct. 26.
 Phonograph drive mechanism. W. J. Green. 2,316,857; Apr. 20.
 Phonograph mounting. I. L. Stephan. 2,325,807; Aug. 3.
 Phonograph needle and record protector. P. Catucci. 2,327,094; Aug. 17.
 Phonograph pickup apparatus. O. T. McIlvaine. 2,336,624; Dec. 14.
 Phonograph pick-up. Illuminating. L. B. Glaser. 2,309,060; Jan. 19.
 Phonograph. Portable. B. Roberts. 2,318,183; May 4.
 Phonograph record. J. N. Borgin. 2,327,892; Aug. 24.
 Phonograph record. D. R. Wiggam. 2,315,186; Mar. 9.

- Phonograph record album holder. L. L. and L. L. Schock, Jr. 2,331,239; Oct. 5.
- Phonograph, Record changer. L. B. Glaser. 2,328,641; Sept. 7.
- Phonograph record holder. M. W. Rosenfeld. 2,314,557; Mar. 23.
- Phonograph record scanning device. L. Thompson. 2,328,862; Sept. 7.
- Phonograph record, Vinyl resin. V. Yngve. 2,335,986; Dec. 7.
- Phonograph reproducing apparatus. O. T. McIlvaine. 2,320,879; June 1.
- Phonograph stopping means. L. B. Green. 2,337,811; Dec. 28.
- Phonograph stylus. L. J. Andres. 2,326,424; Aug. 10.
- Phonograph stylus. S. E. Pate. 2,326,389; Aug. 10.
- Phonograph turntable driving device. M. L. van Overeem. 2,328,515; Aug. 31.
- Photographic apparatus. J. Erwood. 2,307,030; Jan. 5.
- Photographic apparatus. F. E. Runge. 2,326,499; Aug. 10.
- Photographic chip remover. E. A. Beebe. 2,310,275; Feb. 9.
- Photographic pickup device. B. F. Miessner. 2,319,622; May 18.
- Photographic reproducing device. W. D. Fling. 2,307,259; Jan. 5.
- Photographs, Operating. H. R. Van Deventer. 2,313,851; Mar. 16.
- Phonovision system. P. W. Lang. 2,330,225; Sept. 28.
- Phonovision system. P. W. Lang. 2,335,864; Dec. 7.
- Photometer. P. W. Jobe and R. F. E. Stegeman. 2,328,898; Dec. 28.
- Phosphate coating, Protective. G. W. Jernstedt and J. C. Lum. 2,331,196; Oct. 5.
- Phosphate coatings on ferrous metal articles, Producing. G. C. Romig. 2,326,309; Aug. 10.
- Phosphate from phosphate boiler sludge, Recovery of. E. W. Butzler. 2,330,865; Oct. 5.
- Phosphoric acid derivatives of bactericidal compounds and manufacture thereof. K. Warrat. 2,316,908; Apr. 20.
- Phosphorus and arsenic compounds from vanadate solutions, Removing. K. Schneider. 2,320,661; June 1.
- Phosphorus sulphide-hydrocarbon reaction product. C. D. Kelso. 2,315,529; Apr. 6.
- Photoelect control. T. F. Brackett. 2,329,818; Sept. 21.
- Photoelectric device, material and method. E. Wainer. 2,331,444; Oct. 12.
- Photoelectric machine. L. C. Reagan and W. Zalatorius. 2,319,882; May 25.
- Photoelectric apparatus. R. A. Powers. 2,309,329; Jan. 26.
- Photoelectric cell. E. Körber. 2,317,776; Apr. 27.
- Photoelectric control device. W. L. Cooley. 2,319,212; May 18.
- Photoelectric control device. M. J. Johnson. 2,331,475; Oct. 12.
- Photoelectric control device. C. Meyer. 2,312,182; Feb. 23.
- Photoelectric control, Remote. C. W. Goodwin. 2,325,165; July 27.
- Photoelectric controlled oscillator device. F. H. Shepard, Jr. 2,312,127; Feb. 23.
- Photoelectric device, for cigar machines. W. C. Broekhuysen. 2,320,346; June 1.
- Photoelectric measuring device. G. L. Dimmick. 2,318,170; May 4.
- Photoelectric mechanical reset regulator. E. S. Smith. 2,335,163; Nov. 23.
- Photoelectric photograph. M. L. and E. O. Thompson. 2,316,113; Apr. 6.
- Photoelectric photometer. R. H. Muller. 2,326,878; Aug. 17.
- Photoelectric tube. E. H. Bickley. 2,334,471; Nov. 16.
- Photoelectric tube and circuit. A. McL. Nicolson. 2,329,977; June 1.
- Photoengraving process and product. W. Howey. 2,323,752; July 6.
- Photoflash synchronizing apparatus. W. A. Riddell. 2,319,086; May 11.
- Photofluorographic apparatus. M. S. Konigsberg and W. Henry. 2,337,722; Dec. 28.
- Photograph album. I. Weinger. 2,310,722; Feb. 9.
- Photograph film, Package for coiled. D. H. Kinloch. 2,335,766; Nov. 30.
- Photographic and cinematographic color images, Production of. W. Schneider and A. Fröhlich. 2,312,004; Feb. 23.
- Photographic and cinematographic multicolor images of correct color value. W. Schneider, H. Schulze, and G. Wilmanns. 2,326,500; Aug. 10.
- Photographic apparatus. A. H. Bumstead. 2,334,541; Nov. 16.
- Photographic apparatus. M. Curran. 2,314,033; Mar. 16.
- Photographic apparatus. J. B. Davenport. 2,334,075; Nov. 9.
- Photographic apparatus. B. Gold. 2,319,398; May 18.
- Photographic apparatus. H. Kershaw. 2,309,960; Feb. 2.
- Photographic apparatus. I. Kitroser. 2,331,916; Oct. 19.
- Photographic apparatus. A. J. Kunze. 2,322,032; June 15.
- Photographic apparatus. A. A. Leonard and O. Boesel. 2,312,562; Mar. 2.
- Photographic apparatus. I. V. Moulin. 2,321,697; June 15.
- Photographic apparatus. J. A. Reyniers. 2,335,697; Nov. 30.
- Photographic apparatus. E. Zollinger. 2,312,683; Mar. 2.
- Photographic apparatus in detached parts. A. Claudot and A. Mark. 2,323,009; June 29.
- Photographic bleach-out layer. S. S. Fierke, P. W. Vittum, and L. S. Wilder. 2,322,005; June 15.
- Photographic bleaching layers, Manufacture of. A. Polgar and C. Halmos. 2,328,166; Aug. 31.
- Photographic colloids, Manufacture of. B. Gaspár. 2,310,228; Feb. 9.
- Photographic color images, Production of. A. Fröhlich. 2,320,422; June 1.
- Photographic color images, Production of. A. G. Tull. 2,320,109; May 25.
- Photographic color material, Avoiding color fog on. F. Albers, A. Fröhlich, W. Schneider, and E. Trabert. 2,309,492; Jan. 26.
- Photographic composition containing unsymmetrical diacetylaceto-polyamino-aryldes and color development processes. E. B. Middleton and A. P. Jennings. 2,319,426; May 18.
- Photographic cut film holder and identifying stencil or tab therefor. B. L. Smith. 2,315,987; Apr. 6.
- Photographic developer. J. K. Alburger. 2,321,348; June 8.
- Photographic developer. G. P. Grant, Jr. 2,337,989; Dec. 28.
- Photographic developer. W. H. Wood. 2,311,428; Feb. 16.
- Photographic developing tank. W. B. Moore. 2,312,044; Feb. 23.
- Photographic dissolve device. C. E. Phillimore. 2,307,297; Jan. 5.
- Photographic dye images, Producing. L. Schwarc. 2,333,126; Nov. 2.
- Photographic element. C. L. A. Wynd and G. T. Lane. 2,332,038; Oct. 19.
- Photographic elements and processes. V. B. Sease and O. W. Murray. 2,328,034; Apr. 31.
- Photographic emulsion. B. H. Carroll and J. A. Leermakers. 2,313,922; Mar. 16.
- Photographic emulsion. B. H. Carroll and J. Spence. 2,334,864; Nov. 23.
- Photographic emulsion. A. Fröhlich and W. Schneider. 2,324,831-2; July 20.
- Photographic emulsion. A. Mareis. 2,316,268; Apr. 13.
- Photographic emulsion. H. C. Yutzky. 2,322,085; June 15.
- Photographic emulsion for spraying upon surfaces and its application. W. G. Lowe and G. J. Clarke. 2,327,808; Aug. 24.
- Photographic emulsion, Sensitizing. F. Bauer and G. Wilmanns. 2,312,068; Feb. 23.
- Photographic emulsions, Curing of non-gelling. W. Partridge, Jr. 2,337,344; Dec. 21.
- Photographic emulsions, Removing dust from light sensitive. E. Hellmig and H. Kammerl. 2,308,005; Jan. 12.
- Photographic emulsions, Sensitization of. O. Riester. 2,320,654; June 1.
- Photographic enlarger. A. A. Leonard. 2,312,561; Mar. 2.
- Photographic enlarger. A. A. Leonard. 2,326,542; Aug. 10.
- Photographic enlarger. G. G. Morin. 2,317,691-2; Apr. 27.
- Photographic estimating and calculation device. J. W. McFarlane and C. E. Moses. 2,322,044; June 15.
- Photographic exposing and developing machine and the like. C. R. Betts, J. W. Nevius, and W. P. Hendrickson. 2,317,343; Apr. 27.
- Photographic exposure meter. K. Rath. 2,323,676; July 6.
- Photographic facsimile recorder. M. A. Rudd, E. Mott, and L. H. Rovere. 2,330,386; Sept. 28.
- Photographic film comprising nitrocellulose film base stabilized by a dihydrazide of an aliphatic dicarboxylic acid. D. R. Swan and J. M. Calhoun. 2,311,098; Feb. 16.
- Photographic film container. A. J. Braun. 2,321,794; June 15.
- Photographic film washing device. K. Lane. 2,308,519; Jan. 19.
- Photographic filter and antibalation layer. S. S. Fierke, P. W. Vittum, and L. S. Wilder. 2,322,006; June 15.
- Photographic fixing bath. J. R. Alburger. 2,321,347; June 8.
- Photographic flashlight equipment. O. Steiner. 2,310,165; Feb. 2.
- Photographic flash synchronization equipment. O. Steiner. 2,329,011; Sept. 7.
- Photographic image, Colored. W. D. Peterson. 2,308,023; Jan. 12.
- Photographic images by colour development and composition therefor, Production of colored. J. D. Kendall and R. B. Collins. 2,312,040; Feb. 23.
- Photographic images, Production of color. A. Fröhlich and W. Schneider. 2,313,138; Mar. 9.

- Photographic images, Production of colored. J. D. Kendall and R. B. Collins. 2,331,326; Oct. 12.
- Photographic images, Production of colored. A. G. Tull. 2,318,818; May 11.
- Photographic images with dyestuff formers fast to diffusion. Production of colored. A. Fröhlich and W. Schneider. 2,307,399; Jan. 5.
- Photographic jigsaw puzzle. W. R. Jones. 2,328,281; Aug. 31.
- Photographic layer capable of receiving writing. G. F. Nadeau and H. R. Couch. 2,313,570; Mar. 9.
- Photographic layers, System of improving. W. Fernazin. 2,317,750; Apr. 27.
- Photographic material. T. S. Donovan and W. V. Wadman. 2,313,523; Mar. 9.
- Photographic material and manufacturing same. P. Dreyfuss. 2,317,184; Apr. 20.
- Photographic material and producing the same. R. J. H. Alink, J. H. de Boer, K. H. Klaassens and C. F. Veene-mans. 2,311,010; Feb. 16.
- Photographic material and producing the same. B. Gaspár. 2,319,984; May 25.
- Photographic material and using the same. P. Goldfinger. 2,321,195; June 8.
- Photographic material containing envelope. F. H. Lines and R. W. Towse, Sr. 2,310,371; Feb. 9.
- Photographic material, Duplex. E. C. Yauk and J. Dessauer. 2,320,693; June 1.
- Photographic material for color photography. A. G. P. Tull. 2,326,902; Dec. 11.
- Photographic material for taking color photographs. W. Michaelis. 2,316,893; Apr. 20.
- Photographic material, Protective and auxiliary layers of all kinds for. A. Jung and G. Wilmanns. 2,335,944; Dec. 7.
- Photographic material, Treating. A. Cramwinckel, C. J. Dippel, K. J. Keuning and F. L. Van Weenen. 2,317,591; Apr. 27.
- Photographic materials, Manufacture of. B. Gaspár. 2,310,224; Apr. 9.
- Photographic method of matching and selecting coiffures or the like. T. Grossguth, W. A. Spilo, and C. Vasquez. 2,309,390; Jan. 26.
- Photographic objective. W. R. Rayton. 2,325,275; July 27.
- Photographic pictures, Production of colored. B. Gaspár. Re. 2,319; May 11.
- Photographic plate or film for the investigation of bodies or substances by means of neutrons. H. I. Kallman. 2,316,695; Apr. 13.
- Photographic print washer. R. L. Swartz. 2,321,435; June 8.
- Photographic printing apparatus. F. E. Tuttle and J. Koiber. 2,324,121; July 13.
- Photographic printing frame. L. W. Lessler. 2,309,515; Jan. 26.
- Photographic printing machine. W. P. Bates. 2,320,334; June 1.
- Photographic printing material. E. P. Davey and E. B. Knott. 2,318,597; May 11.
- Photographic printing material. G. von Poser. 2,322,982; June 20.
- Photographic printing material and using the same. P. Goldfinger. 2,312,543; Mar. 2.
- Photographic printing process. W. Michaelis. 2,336,560; Dec. 11.
- Photographic printing type. F. Litt. 2,336,189; Dec. 11.
- Photographic prints, Toning. A. L. Mayer. 2,331,335; Oct. 12.
- Photographic process. C. L. A. Wynd and G. T. Lane. 2,322,082; June 15.
- Photographic process and composition. V. B. Sease and G. A. Dawson. 2,335,972; Dec. 7.
- Photographic products from compositions containing far-hydrolyzed cellulose esters, Preparing. M. Salo. 2,311,086; Feb. 16.
- Photographic recording methods. E. G. Fassel. 2,331,113; Oct. 5.
- Photographic reversal process. J. R. Alburger. 2,314,380; Mar. 23.
- Photographic reversal process of producing dye images without reexposure. E. Meschter. 2,310,932; Feb. 16.
- Photographic screens, Illumination of. L. W. Oliver. 2,323,754; July 6.
- Photographic sensitizing dyestuffs, Production of. J. D. Kendall and R. B. Collins. 2,319,547; May 13.
- Photographic shutter. C. C. Fuerst. 2,308,002; Jan. 12.
- Photographic shutter and synchronizing system. O. Steiner. 2,308,725; Jan. 19.
- Photographic shutter, High-speed between-the-lens. O. Steiner. 2,326,077; Aug. 3.
- Photographic shutter operating mechanism. T. M. Brueck. 2,327,591; Aug. 24.
- Photographic silver halide emulsion. W. G. Lowe. 2,311,058-9; Feb. 16.
- Photographic silver halide emulsion. W. J. Weyerts. 2,311,103; Feb. 16.
- Photographic solution. G. F. Nadeau and W. M. Tucker. 2,327,813; Aug. 24.
- Photographic sound records, Method and apparatus for producing. K. H. F. Schlegel. 2,315,097; Mar. 30.
- Photographic timing device. W. P. Moorefield. 2,315,978; Apr. 6.
- Photographic tracing cloth. G. F. Nadeau and C. F. Smith. 2,334,215; Nov. 16.
- Photographing apparatus. G. N. Pifer. 2,315,452; Mar. 30.
- Photographing developing and fixing solution. M. Salo and J. W. Mench. 2,333,821; Nov. 9.
- Photographing unit. R. H. Hunter. 2,314,829; Mar. 23.
- Photographing unit, Portable. C. B. Worcester. 2,314,642; Mar. 23.
- Photographs, Making. O. Vierling. 2,335,465; Nov. 30.
- Photographs or the like, Carrying and displaying device for. G. J. Soldati. 2,337,210; Dec. 21.
- Photography. J. I. Crabtree and R. W. Henn. 2,333,766; Nov. 9.
- Photography and means therefor. R. B. Wheelan and A. Banahic. 2,328,403; Aug. 31.
- Photography, Color. A. L. Bunting. 2,312,874; Mar. 2.
- Photography, Color. A. L. Bunting and R. W. Thomas. 2,312,875; Mar. 2.
- Photography, Color. I. W. Conrad. 2,309,626; Feb. 2.
- Photography, Color. O. C. Gilmore. 2,315,783; Apr. 6.
- Photography, Color. G. P. Grant, Jr. 2,327,304; Aug. 17.
- Photography, Color. J. D. Kendall and R. B. Collins. 2,334,495; Nov. 16.
- Photography, Color. J. D. Kendall and D. J. Fry. 2,333,109; Nov. 2.
- Photography, Color. W. Schneider, R. Schaarschmidt, and G. Wilmanns. 2,307,161; Jan. 5.
- Photography, Composite. B. C. Haskin. 2,337,327; Dec. 21.
- Photomechanical negative. B. Rudnick. 2,321,046; June 8.
- Photomechanical process. A. Murray and J. A. C. Yule. 2,319,079; May 11.
- Photomechanical process. J. A. C. Yule. 2,316,643; Apr. 13.
- Photomechanical screen. J. A. C. Yule. 2,316,644; Apr. 13.
- Photometer. A. J. Haynes. 2,324,581; July 20.
- Photometer. W. S. Thompson and F. G. Albin. 2,335,621; Nov. 32.
- Photometer. J. A. V. Akker. 2,312,010; Feb. 23.
- Photometric device. J. M. Akehlitis. 2,333,759; Nov. 9.
- Photoelectric washer. W. A. Low. 2,325,233; July 27.
- Photoprinting device. A. L. Creange. 2,335,742; Nov. 30.
- Photoprinting device. J. Horn. 2,310,148; Feb. 2.
- Photo recording device. F. E. Oiler. 2,312,472; Mar. 2.
- Photo sculpture, Process and apparatus for. C. Ling. 2,335,127; Nov. 23.
- Photo sensitive material. D. D. Jacobus and J. R. Bose. 2,326,782; Aug. 17.
- Photo voltaic cell. C. W. Hansell. 2,310,365; Feb. 9.
- Photovoltaic cell and manufacturing the same. E. Presser. 2,330,020; Sept. 28.
- Phthalic anhydride, Hydration of. H. A. Gaskill, Jr. 2,333,368; Nov. 2.
- Phthalocyanine pigment and preparing same. V. C. Vesce and F. M. Stalzer. 2,327,472; Aug. 24.
- Phthalylsulphthiazole. M. L. Moore. 2,324,015; July 13.
- Phyllyl bromide, Manufacture of. R. Echnisch. 2,315,580; Apr. 6.
- Piano action. W. G. Betz. Re. 2,247; Jan. 12.
- Piano action. C. Schulze. 2,309,378; Jan. 26.
- Piano action. F. C. Soehn. 2,324,037; July 13.
- Piano action. F. C. Soehn. 2,329,009; Sept. 7.
- Piano construction. G. W. Demuth. 2,307,454; Jan. 5.
- Piano key action testing device. J. Hoffmann. 2,311,752; Feb. 23.
- Piano lamp. G. Cushing. 2,320,815; June 1.
- Piano-vibraphone. G. A. O'Connell and C. M. Larson. 2,315,812; Apr. 6.
- Piano, Violin. E. Silen. 2,327,072; Aug. 17.
- Pianos, Escapement action for grand. R. Schulze. 2,334,444; Nov. 16.
- Pick. M. Branhann. 2,318,193; May 4.
- Pick and pick loom. R. S. Turner. 2,333,904; Nov. 9.
- Pick-counting device. A. Eddy. 2,323,768; Aug. 17.
- Pick, Ear. I. A. Ryznek. 2,331,732; Oct. 12.
- Pick handle protector. E. Tyler. 2,322,178; June 15.
- Pickup and dumping attachment for tractors, Power. B. F. Arps. 2,317,578; Apr. 27.
- Pickup control mechanism for automatic phonographs. F. J. Offen. 2,309,352; Jan. 26.
- Pickup device. N. R. Krause. 2,324,261; July 13.
- Pickup device for airplanes. W. Howell. 2,310,697; Feb. 9.
- Pickup for detecting and translating vibrations. O. G. Saib and R. E. Sturm. 2,311,416; Feb. 16.
- Pickup unit, Crystal. R. Dally. Re. 22,371; Sept. 7.
- Picker. C. W. Kelm. 2,324,752; July 20.
- Picker, Corn. H. C. Christiance. 2,318,291; May 4.
- Picker, Corn. B. M. Hyman and K. C. Ferguson. Re. 22,279; Mar. 2.
- Picker, Hand bean. W. B. Webb. 2,324,446; July 13.
- Picker mechanism. C. W. Goodwin. 2,325,164; July 27.
- Picker spindle lubricator. O. V. Payne. 2,336,187; Dec. 7.
- Picker stop. G. F. Belfort. 2,332,366; Oct. 19.
- Picking and cleaning machine. Hop. J. G. Gordon and M. A. Leah. 2,311,169; Feb. 16.

- Picking chickens and apparatus therefor. S. S. Barker. 2,328,770; Sept. 7.
- Pickling and cleaning apparatus, Continuous strip. F. J. Wood. 2,320,499; June 1.
- Pickling and cleaning device, Continuous strip. F. J. Wood. 2,325,158; July 27.
- Pickling, Continuous strip. S. J. Dishauzi. 2,334,177; Nov. 16.
- Pickling, curing, and preserving fruits and vegetables. A. Pollak. 2,322,880; June 29.
- Pickling solution and method. F. H. Page, Jr. 2,337,062; Dec. 21.
- Picture apparatus, Motion. J. J. Hoehn. 2,332,079; Oct. 19.
- Picture device, Animated. E. Schwartz. 2,326,397; Aug. 10.
- Picture display box. R. R. Whiting. 2,322,078; June 15.
- Picture frame. M. Darche. 2,321,365; June 8.
- Picture frame. R. Neal. 2,314,417; Mar. 23.
- Picture hanger. F. Lowenthal. 2,317,204; Apr. 20.
- Picture hook. L. E. Frey. 2,317,368; Apr. 27.
- Picture hook. L. E. Frey. 2,334,700; Nov. 23.
- Picture hook. G. A. Moore. 2,330,373; Sept. 28.
- Picture mechanism for projecting motion pictures, Motion. L. A. McKnab. 2,333,728; Nov. 9.
- Picture, Motion. G. J. Bell. 2,327,059; Aug. 17.
- Picture, Photographic color. A. Frolich, W. Schneider, and P. Heisel. 2,323,590; July 6.
- Picture puzzle, Folding. H. Edborg. 2,327,875-6; Aug. 24.
- Picture receiving system. G. R. Clark. 2,326,836; Aug. 17.
- Pictures, Copying. D. G. Cloud. 2,307,358; Jan. 5.
- Pictures, Forming stereoscopically observable. A. J. Keljzer. 2,334,938; Dec. 14.
- Pictures, Projecting. F. Earle. 2,336,781; Dec. 14.
- Pie band, Perforated. W. Ehrlich. 2,316,574; Apr. 13.
- Pie plate, Commercial. J. W. Watkins. 2,309,557; Jan. 26.
- Pies, Method and apparatus for making. L. J. Harriss and E. Lambers. 2,312,814; Mar. 2.
- Pier and constructing the same. H. H. Allen. 2,317,017; Apr. 20.
- Piers, Expansion. K. B. Malmes. 2,334,781; Nov. 23.
- Piers, Making. C. P. Disney and L. S. Wertz. 2,337,378; Dec. 21.
- Piercing die and alloy. W. F. Finkl. 2,331,899; Oct. 19.
- Piezoelectric crystal apparatus. S. C. Hight. 2,320,131; May 25.
- Piezoelectric crystal assembly. W. R. Koch. 2,323,610; July 6.
- Piezoelectric crystal element. S. C. Hight. 2,320,080; May 25.
- Piezoelectric crystals, Mounting. S. A. Bokovoy. 2,321,358; June 8.
- Piezoelectric crystals, Mounting. S. A. Bokovoy. 2,329,923; Aug. 17.
- Piezoelectric crystals, Mounting. W. R. Dohlan. 2,313,129; Mar. 9.
- Piezoelectric device. H. M. Bach. 2,327,487; Aug. 24.
- Piezoelectric device. H. M. Bach. 2,329,321; Sept. 14.
- Piezoelectric device. J. N. Whitaker. 2,307,438; Jan. 5.
- Piezoelectric elements, Mounting. S. A. Bokovoy and H. W. X. Hawk. 2,312,746; Mar. 2.
- Piezoelectric resonator network. W. R. Koch. 2,309,602; Jan. 26.
- Piezoelectric unit. J. H. Ream. 2,324,024; July 13.
- Pigment containing products, Production of. G. Böhner, B. Wendt and J. Eggert. 2,316,535; Apr. 13.
- Pigment, Extended titanium dioxide. A. T. McCord and H. F. Saunders. 2,326,158; Aug. 10.
- Pigment, Iron blue. P. A. Thomasset. 2,329,364 5; Sept. 14.
- Pigment, Lead chromate. W. G. Huckle and C. G. Folzer. 2,316,244; Apr. 13.
- Pigment material, Preparing. S. Cabot. 2,321,007; June 8.
- Pigments, Making improved. R. L. McCleary. 2,337,162; Dec. 21.
- Pigments, Making titanium containing. A. T. McCord. 2,326,156; Aug. 10.
- Pigments, Manufacture of titanium dioxide. A. T. McCord and H. F. Saunders. 2,333,662; Nov. 9.
- Pigments, Manufacture of titanium oxide. A. T. McCord and H. F. Saunders. 2,333,663; Nov. 9.
- Pigments, Preparation of. I. E. Muskat. 2,333,948; Nov. 9.
- Pigments, Preparation of organic. S. R. Detrick and C. R. Brandt. 2,334,112; Nov. 23.
- Pigments, TiO₂. J. L. Keats. 2,307,048; Jan. 5.
- Pigments, Treatment of. E. Billings and H. H. Offutt. 2,316,043; Apr. 6.
- Pile and flat fabrics, Simultaneously producing double faced. E. Lambert. 2,333,258; Nov. 2.
- Pile apparatus. A. Corbelli. 2,334,386; Nov. 16.
- Pile, Constructing a. J. F. McCook. 2,326,155; Aug. 10.
- Pile coupling and making the same. E. W. Rembert. 2,329,000; Sept. 7.
- Pile fabric. W. J. Krijger. 2,325,520; July 27.
- Pile fabrics, Making. J. L. Baker. 2,329,739; Sept. 21.
- Pile fabrics, Weaving. J. L. Baker. 2,329,738; Sept. 21.
- Pile raising structure. L. W. Atwater. 2,328,120; Aug. 31.
- Pile shield. J. Upton. 2,308,793; Jan. 19.
- Pile-up for coin collector telephones, Contact spring. J. M. Melick. 2,329,283; Sept. 14.
- Piling bar. E. W. Rieger, C. J. Klein and P. R. Church. 2,332,812; Oct. 26.
- Pillow. E. Thompson. 2,336,707; Dec. 14.
- Pilot and control valve mechanism. Combined safety. N. B. Green and C. W. Bondurant. 2,328,642; Sept. 7.
- Pilot assemblies, Mounting frame unit and manifold for automatic. R. M. Heintz. 2,336,096; Dec. 7.
- Pilot, Automatic. D. J. Hilferty. 2,334,704; Nov. 23.
- Pilot, Cushioned cutter. N. C. Smith. 2,334,795; Nov. 23.
- Pilot light circuit for radio receivers and the like. A. C. Miller. 2,325,789; Aug. 3.
- Pilot loading or control regulator. A. D. MacLean. 2,331,994; Oct. 19.
- Pilot operated valve. V. K. Robinson. 2,329,001; Sept. 7.
- Pilot screen for pot type burners. J. L. Brees. 2,336,666; Dec. 14.
- Pilot valve. W. C. Trautman. 2,320,763; June 1.
- Pilot supervisory circuit. M. A. Bostwick and R. M. Smith. 2,318,331; May 4.
- Piloting system for aircraft. F. Amiot. 2,319,285; May 18.
- Pin: See—
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| Cotton pin. | Safety pin. |
| Coupling pin. | Supporting pin. |
| Hat pin. | Ten pin. |
| Rail bond terminal pin. | Upholstery pin. |
- Pin. M. S. Lane. 2,314,223; Mar. 16.
- Pin. M. Lane. 2,336,103; Dec. 7.
- Pin and clevis connection. A. R. Maier. 2,337,335; Dec. 21.
- Pin and socket connection. M. Litwin and B. Milner. 2,325,691; Aug. 3.
- Pin and socket connection. M. Litwin, B. Milner and J. Ellert. 2,322,947; June 29.
- Pin, Connecting. J. King. Re. 22,354; July 27.
- Pin holder for bowling pin setters. R. E. Rundell. 2,310,996; Feb. 16.
- Pin lock. F. M. Blanchard. 2,313,216; Mar. 9.
- Pin or shank assemblies, Demountable. F. C. Danneman. 2,322,422; June 22.
- Pin setter for bowling alleys. M. Patterson. 2,316,183; Apr. 23.
- Pin setting apparatus. W. A. Davis. 2,310,218; Feb. 9.
- Pin wheel feed. Dual. J. Q. Sherman and A. W. Metzner. 2,318,020; May 4.
- Pincer device. Tool pulling. A. L. Russell and W. M. Watson. 2,318,104; May 4.
- Pineapple grading apparatus. K. J. Jackson. 2,314,704; Mar. 23.
- Pineapple harvester. K. J. Jackson. 2,321,387; June 8.
- Pinion application of power, Double. De V. V. Carter. 2,310,393; Feb. 9.
- Pinking machine. L. S. Rod. 2,325,634; Aug. 3.
- Pipe: See—
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| Asbestos-cement pipe. | Self-sealing petrol pipe. |
| Blue or vent pipe. | Smoking pipe. |
| Pleasant puff over-draft pipe. | Tobacco pipe. |
- Pipe. J. R. Cook. 2,312,628; Mar. 2.
- Pipe. C. E. Knox, Jr. 2,307,685; Jan. 5.
- Pipe bender. A. L. Parker and H. E. Hull. 2,312,122; Feb. 23.
- Pipe bending apparatus. W. L. Engshauser. 2,335,113; Nov. 23.
- Pipe bending machine. R. M. Weimer. 2,334,661; Nov. 16.
- Pipe bends, Producing. E. H. Taylor. 2,318,113; May 4.
- Pipe bore cleaner apparatus. H. R. Crane. 2,322,508; June 22.
- Pipe clamp. S. M. Kass. 2,318,946; May 11.
- Pipe clamp. R. E. Risley. 2,328,168; Aug. 31.
- Pipe clamp and method and apparatus for applying same. R. E. Risley. 2,328,031; Aug. 31.
- Pipe cleaning cutter. K. I. and L. R. Robinson. 2,323,727; July 6.
- Pipe cleaning machine. A. B. Carpmail. 2,306,449; Jan. 5.
- Pipe, Coating. W. D. Buckingham. 2,331,824; Oct. 12.
- Pipe coupling. G. E. and R. Q. Armington. 2,318,575; May 11.
- Pipe coupling. E. W. N. Boosey. 2,318,049; May 4.
- Pipe coupling. J. Castellano. 2,329,876; Sept. 21.
- Pipe coupling. L. T. H. Greig. 2,310,078; Feb. 2.
- Pipe coupling. L. T. H. Greig. 2,316,578; Apr. 13.
- Pipe coupling. J. W. Wallis. 2,327,571-2; Aug. 24.
- Pipe coupling cutter. I. C. Reynolds. 2,324,323; July 13.
- Pipe coupling means. W. H. Stout. 2,321,778; June 15.
- Pipe covering. T. S. Tulien. 2,324,181; July 13.
- Pipe cutter. C. E. Wright. 2,325,353; July 27.
- Pipe cutter and reamer. R. B. Kinzbach. 2,322,694; June 22.
- Pipe, Cutting. R. H. Stevens and T. Wilson. 2,324,737; July 20.
- Pipe cutting gauge. R. T. Enderson. 2,326,447; Aug. 10.

- Pipe ends, Brazing or welding of. R. M. Rooke. 2,336,297; Dec. 7.
- Pipe expansion joint. E. W. Dittus, P. J. Bertoglio, and W. H. Stauding. 2,314,776; Mar. 23.
- Pipe fitting. C. Adams, Jr. 2,308,483; Jan. 19.
- Pipe fitting. F. T. Newell. 2,309,253; Jan. 26.
- Pipe fitting. E. H. Taylor. 2,329,956; Sept. 21.
- Pipe fitting, Dual flow. E. J. Wood. 2,326,716; Aug. 10.
- Pipe former and layer. J. E. Banholter. 2,321,760; July 20.
- Pipe-forming machine, Asbestos-cement. J. A. Chinn. 2,334,807; Nov. 23.
- Pipe guard, Exhaust. W. M. Jackson. 2,308,607; Jan. 19.
- Pipe handling equipment. M. M. O'Connell. 2,310,255; Feb. 9.
- Pipe hanger. L. L. Trochim. 2,319,832; May 25.
- Pipe joining means. J. E. Frances. 2,311,020; Oct. 5.
- Pipe joint. W. R. Brend. 2,311,386; Mar. 23.
- Pipe joint. J. English. 2,308,745; Jan. 19.
- Pipe joint. S. R. Jaffe. 2,328,381; Aug. 31.
- Pipe joint. A. E. Osborn. 2,310,744; Feb. 9.
- Pipe joint. T. F. Payne. 2,321,587; June 22.
- Pipe joint. E. H. Taylor. 2,324,335; July 13.
- Pipe joint and collar therefor. H. W. Jewell. 2,313,074; Mar. 9.
- Pipe joint and like coupling. J. C. Williams. 2,383,009; Nov. 9.
- Pipe joint or coupling. C. R. Rau. 2,319,518; May 18.
- Pipe leaks, Sealing. P. D. Merrill and E. R. McMurray. 2,325,417; July 27.
- Pipe line cleaner. A. H. Riney and L. J. Weber. 2,315,133; Mar. 30.
- Pipe lining. J. P. Stephens. 2,312,903; Mar. 2.
- Pipe lining apparatus. W. R. Brend. 2,320,822-3; Aug. 17.
- Pipe lock and the like. L. C. Badgley. 2,325,580; Aug. 3.
- Pipe, Making concrete. E. D. Boyle. 2,321,277; June 8.
- Pipe marking and cutting gauge. J. Atkins. 2,337,957; Dec. 28.
- Pipe milling device. R. B. Kinzlebach. 2,322,695; June 22.
- Pipe nipple tool. A. E. Peters. 2,314,016; Mar. 16.
- Pipe oscillator, Irrigating. R. P. Paradise. 2,324,917; July 20.
- Pipe pipe lining, and making same. W. S. Robinson. 2,308,307; Jan. 12.
- Pipe plug. B. Svirskey. 2,324,545; July 20.
- Pipe plug structure. R. B. Wellborn. 2,329,861; Sept. 21.
- Pipe relay, Jet. G. Z. von Manteuffel. 2,308,662; Jan. 19.
- Pipe rotating apparatus. D. B. Grable. 2,311,225; Feb. 16.
- Pipe smoker's. J. R. Houts. 2,324,701; July 20.
- Pipe, Smoking. C. N. Schneider. 2,335,057; Nov. 23.
- Pipe sprinkler system, Dry. A. C. Rowley. 2,320,305; May 25.
- Pipestem. A. Daignault and A. Nolet. 2,317,180; Apr. 20.
- Pipe thread protector. T. Mulholland. 2,316,013; Apr. 6.
- Pipe threader. G. J. Sellmeyer. 2,336,964; Dec. 11.
- Pipe tong. C. A. Lundeen. 2,310,246; Feb. 9.
- Pipe welding clamp. G. R. Newlon. 2,308,340; Jan. 12.
- Pipe wrench. J. L. Brickley. 2,332,692; Oct. 26.
- Pipe wrench. L. C. Mead. 2,315,807; Apr. 6.
- Pipes, Coating and manufacture of. W. R. Hume. 2,309,903; Feb. 2.
- Piping element. P. Boisson. 2,325,469; July 27.
- Piping, Turbine inlet. C. D. Herder. 2,331,685; Oct. 12.
- Piran gauge, Sensitivity of the. G. L. Tawney. 2,315,671; Apr. 6.
- Piston. See—
Self-packing piston.
- Piston. I. E. Aske. 2,336,918; Dec. 14.
- Piston. I. C. Bell. 2,317,433; Apr. 27.
- Piston. D. Bushby. 2,313,320; Mar. 9.
- Piston. C. S. Clark. 2,323,310; July 6.
- Piston. J. S. Donaldson. 2,331,318; Nov. 16.
- Piston. O. H. Fowler. 2,322,010; June 15.
- Piston. F. F. Kishline. 2,308,178; Jan. 12.
- Piston. C. E. S. Korytko. 2,313,202; Mar. 9.
- Piston. J. W. MacClatchie. 2,320,975; June 1.
- Piston. T. S. Park. 2,315,012; Mar. 30.
- Piston. W. M. Verner. C. and P. L. Bowser, Jr. 2,309,555; Jan. 26.
- Piston. V. Vostrez. 2,321,054; June 8.
- Piston and ring assembly. F. C. Nelson. 2,328,390; Aug. 31.
- Piston and rod connection for pumps. V. R. Heftler. 2,312,819; Mar. 2.
- Piston assembly. P. J. McAndrews. 2,337,057; Dec. 21.
- Piston. Composite. H. H. Dillon. 2,315,403; Mar. 30.
- Piston construction. G. H. Schnitzer. 2,321,160; June 8.
- Piston expander. V. D. Ackerman. 2,316,210; Apr. 13.
- Piston expander. V. D. Ackerman. 2,317,577; Apr. 27.
- Piston expander. H. P. Phillips. 2,307,948; Jan. 12.
- Piston expander. H. P. Phillips. 2,313,396; Mar. 9.
- Piston, Expandable. W. G. Swift. 2,311,554; Feb. 16.
- Piston for fluid actuated devices. H. M. Dodge. 2,307,671; Jan. 5.
- Piston for wheel cylinders and the like. R. A. Goepfrich. 2,308,875; Jan. 19.
- Piston hammer for rock drills. E. B. Davey and E. N. Martinson. 2,318,063; May 4.
- Piston head. F. Neugebauer, E. Hartmann and L. Wagensel. 2,323,074; June 29.
- Piston. Internal combustion engine. P. Webster. 2,323,742; July 6.
- Piston member and manufacturing it. E. D. Ekkebus. 2,309,446; Jan. 26.
- Piston packing. D. M. Smith. 2,329,950; Sept. 21.
- Piston packing device. W. Cordis. 2,310,852; Feb. 9.
- Piston pin retainer. R. W. Jenny. 2,322,138; June 15.
- Piston, Pump. J. W. MacClatchie. 2,320,973; June 1.
- Piston, Pump. A. S. Volpin. 2,317,122; Apr. 20.
- Piston, Quick rering. H. Kopp. 2,316,341; Apr. 13.
- Piston ring. M. Craig. 2,309,442; Jan. 26.
- Piston ring. D. W. Haum. 2,319,454; May 18.
- Piston ring. G. C. Kotzback. 2,328,912; Sept. 7.
- Piston ring. W. S. Mason. 2,311,557-9; Feb. 16.
- Piston ring. W. S. Mason. 2,331,273; Nov. 16.
- Piston ring. T. E. McFall. 2,334,570; Nov. 16.
- Piston ring. A. O. Olsen. 2,315,218; Mar. 30.
- Piston ring. H. P. Phillips. 2,309,477; Jan. 26.
- Piston ring. H. P. Phillips. 2,313,395; Mar. 9.
- Piston ring. H. P. Phillips. 2,317,637; Apr. 27.
- Piston ring. G. H. Rentfro. 2,329,296; Sept. 14.
- Piston ring. E. B. Rothweiler. 2,325,196; July 27.
- Piston ring. M. F. Thorn. 2,318,543; May 4.
- Piston ring. V. P. Zahodakian. 2,319,097-8; May 11.
- Piston ring and forming the same. V. P. Zahodakian. 2,333,457; Nov. 2.
- Piston ring applicator. C. Bird. 2,307,195; Jan. 5.
- Piston ring assembly. H. P. Phillips. 2,310,311; Feb. 9.
- Piston ring, Bimetallic. L. T. Barnes. 2,325,298; July 27.
- Piston ring, Composite. E. L. Bauer. 2,317,580; Apr. 27.
- Piston ring expander. A. J. Di Luccl. 2,330,475; Sept. 28.
- Piston ring expander. A. W. Morton. 2,327,934; Aug. 24.
- Piston ring expander. A. W. Shattuck, Jr. 2,327,933; Aug. 24.
- Piston ring for mixing valves. A. A. Dalkin. 2,317,034; Apr. 20.
- Piston ring gas seal. M. W. Beardsley. 2,321,701; June 15.
- Piston ring honing method. K. W. Connor. 2,318,837; May 11.
- Piston ring installing and removing tool. C. Bird. 2,332,046; Oct. 19.
- Piston rings. T. A. Bowers. 2,334,243; Nov. 16.
- Piston rings, Fabricating. T. A. Bowers. 2,330,549; Sept. 28.
- Piston rings, Fabricating. E. W. Siegling. 2,311,783; Feb. 23.
- Piston rings, Forming. T. A. Bowers. 2,311,728; Feb. 23.
- Piston rings, Making. T. Hiromi and R. Yanagida. 2,337,997; Dec. 28.
- Piston rings, Making reversely folded. T. A. Bowers. 2,311,730; Feb. 23.
- Piston rings, Making sheet metal. T. A. Bowers. 2,311,729; Feb. 23.
- Piston sealing assembly. M. M. Berry. 2,314,683; Mar. 23.
- Piston skirt expander. C. A. and M. W. Marlen. 2,319,006; May 11.
- Piston skirt expander. C. A. and M. W. Marlen. 2,326,375; Aug. 10.
- Piston valve. H. J. Shafer. 2,326,398; Aug. 10.
- Piston valve. H. J. Shafer. 2,333,205; Nov. 2.
- Pistons. Sealing. B. Dick. 2,319,944; Apr. 6.
- Pitch propeller control mechanism, Variable. H. P. and J. B. Reiber. 2,327,217; Aug. 17.
- Pitch, Treating. J. E. Harvey, Jr. 2,310,193; Feb. 2.
- Pitter, Freestone. B. Ballou and L. W. Waters. 2,314,066; Mar. 16.
- Pitter, Fruit. O. W. Johnson. 2,323,137; June 29.
- Pivotal joint. R. W. Brown. 2,324,984; July 20.
- Pivoted louver with seating pad. E. A. Mader. 2,311,950; Feb. 23.
- Placer screen. A. V. Harris. 2,312,409; Mar. 2.
- Packet closer. V. Burger and J. Smith. 2,335,577; Nov. 30.
- Packet closure. Garment. L. Goldman and L. Levitan. 2,335,663; Nov. 30.
- Packet, Garment. E. Pedatella. 2,307,540-1; Jan. 5.
- Plaited material and making the same. R. A. Kassel. 2,318,497; May 4.
- Plating machine, Selective. J. J. Cahill. 2,323,896; July 13.
- Plata, Forming. A. M. Hess. 2,325,056; July 27.
- Planer gauge. L. H. Dierking. 2,330,412; Sept. 25.
- Planer, Metal. J. Daugherty. 2,317,674; Apr. 27.
- Planetarium. W. Park. 2,318,961; May 11.
- Planetary transmission. H. E. Carnagua. 2,311,209; Feb. 16.
- Planetary transmission device. J. E. Henningsen. 2,331,684; Oct. 12.
- Planographic plate process. W. C. Toland and E. Bassist. 2,309,027; Jan. 19.

- Planographic printing form. F. Lieng. 2,312,499; Mar. 2.
- Plant, Accumulator. P. Gilli. 2,320,586; June 1.
- Plant for recovery of volatile oil and grease solvents. J. Zucker. 2,330,655; Sept. 28.
- Plant for the preparation of hydrogen under pressure. G. F. Jaubert. 2,332,915; Oct. 26.
- Plant growth. Promoting. D. Alvos. 2,323,509; July 6.
- Plant life processes. Affecting. W. Parry. 2,308,204; Jan. 12.
- Plant life to frost damage. Increasing the resistance of. Q. E. Bashore. 2,315,764; Apr. 6.
- Plant thinner. H. G. Carbahn. 2,337,646; Dec. 28.
- Plant treatment composition. G. S. Avery, Jr. 2,318,733; May 11.
- Planter. O. E. Holle. 2,315,204; Mar. 30.
- Planter. T. W. Johnson. 2,319,737; May 18.
- Planter. C. T. Rasmussen. 2,332,012; Oct. 19.
- Planter. C. H. White. 2,315,752; Apr. 6.
- Planter. C. H. White. 2,322,332; June 22.
- Planter and fertilizer distributor. Combination. C. N. Faden. 2,309,353; Jan. 26.
- Planter clutch construction. D. M. Morris. 2,332,743; Oct. 26.
- Planter. Corn. M. F. Cavinder. 2,334,508; Nov. 23.
- Planter. Corn. P. L. Newbold. 2,310,540; Feb. 9.
- Planter. Potato. C. H. Genberling and R. J. Altgelt. 2,338,034; Dec. 28.
- Planter runners. Making. F. E. Hand. 2,335,923; Nov. 23.
- Planter, Tractor. B. R. Benjamin. 2,320,169; May 25.
- Planting and fertilizing means. O. F. Drenman. 2,318,205; May 1.
- Planting and fertilizing means. C. H. White. 2,319,758; May 18.
- Planting attachment. J. L. Hipple. 2,318,392; May 4.
- Planting machine. I. Pomierance. 2,335,132; Nov. 23.
- Planting. Means for. F. H. Bateman and I. Trolley. 2,334,598; Nov. 16.
- Plants. Cultivation of. P. C. McLemore. 2,327,204; Aug. 7.
- Plants. Fertilization of small. J. A. Cover. 2,330,408; Sept. 28.
- Plants. Promoting restoration of transplanted. A. C. Fischer. 2,314,928; Mar. 30.
- Plants. Regulating the growth of. F. D. Jones. 2,314,091; Mar. 16.
- Plants. Stimulating. R. N. Du Bois and C. W. Lenth. 2,321,736; Jan. 15.
- Plants. Seed treated with lightweight paper. D. D. Crandell. 2,330,810; Oct. 5.
- Plasterboard. Perforated. J. Page. 2,323,564; July 6.
- Plasterboard, Laminated. W. C. Teasdale. 2,308,942; Jan. 19.
- Plaster cast cutting device. G. Christen and A. H. Smith. 2,330,952; Oct. 5.
- Plaster. Set stabilized. H. F. Gardner. 2,310,023; Feb. 2.
- Plastic adhesive. H. E. Wenig. 2,325,562; July 27.
- Plastic articles. Supporting. H. F. Hagemeier. 2,311,942; Feb. 23.
- Plastic body. Molded. M. C. Dodge. 2,326,526; Aug. 10.
- Plastic composition. L. J. Berberich and J. Swiss. 2,333,513; Nov. 2.
- Plastic composition. H. W. Fisher. 2,330,698; Sept. 28.
- Plastic composition. W. W. Koch. 2,333,577; Nov. 2.
- Plastic composition. L. P. Kyrides. 2,331,328; Oct. 12.
- Plastic composition. K. E. Marple and F. A. Bent. 2,331,634; Oct. 12.
- Plastic composition. C. E. Staff and W. N. Stoops. 2,311,259; Feb. 16.
- Plastic composition. J. S. Tinsley. 2,337,508; Dec. 21.
- Plastic composition and packing device. J. G. L. Duval. 2,330,563; Sept. 28.
- Plastic composition for laminated glass interlayers. L. P. Kyrides. 2,327,652; Aug. 24.
- Plastic composition. Iridescent. I. and L. Gertzog. 2,311,533; Feb. 16.
- Plastic composition. Styrene copolymer. E. C. Britton, G. H. Coleman, and J. W. Zomba. 2,329,033; Sept. 7.
- Plastic compositions. C. O. Strother. 2,316,717; Apr. 13.
- Plastic compositions containing polyisobutylene. M. Mueller-Cunradi, and W. Daniel. 2,316,706; Apr. 13.
- Plastic containers. Producing. F. A. Parkhurst. 2,315,478; Mar. 30.
- Plastic containers. Reinforcing of. M. C. Meyer. 2,335,293; Nov. 30.
- Plastic cutting apparatus. H. M. Dodge and W. K. Daniella. 2,308,061; Jan. 12.
- Plastic earthenware. Making apertures in. R. H. Zinkil. 2,334,855; Nov. 23.
- Plastic fan stand. A. F. Fukal. 2,310,772; Feb. 9.
- Plastic frame for screens, ventilators, and windows. A. W. McDonald. 2,316,526; Apr. 13.
- Plastic helical structure. H. L. Brown. 2,313,986; Mar. 16.
- Plastic injection machine. M. A. Crosby. 2,318,203; May 4.
- Plastic instrument case. L. R. T. Barnette. 2,331,759; Oct. 12.
- Plastic masses from polyvinyl compounds. H. Orth. 2,312,437; Mar. 2.
- Plastic match holder. J. P. Gits. 2,329,175; Sept. 14.
- Plastic material. C. Snyder. 2,311,284; Feb. 16.
- Plastic material and filler therefor. J. H. Lum. 2,337,523; Dec. 21.
- Plastic material from vegetable glues. F. Schoenbeck and E. Czapp. 2,312,446; Mar. 2.
- Plastic material. Treating and shaping. O. F. Wood. 2,334,233; Nov. 16.
- Plastic materials. Plasticizing hard. K. E. Sternberg. 2,308,632; Jan. 19.
- Plastic materials. Producing formed strips of. O. S. Zimmerman and T. J. Tully. 2,323,862; July 6.
- Plastic molded articles, such as buttons or the like. Method and apparatus. W. R. Dresser. 2,332,308; Oct. 19.
- Plastic molding. L. J. A. Lavalée. 2,326,041; Aug. 3.
- Plastic molding apparatus. A. A. Burry. 2,319,439; May 18.
- Plastic packing. S. Longman and C. L. Farr. 2,330,502; Sept. 28.
- Plastic polymeric materials which comprises polymerizing butadiene in the presence of selenium or tellurium and product so made. Making. M. A. Youker. 2,333,403; Nov. 23.
- Plastic. Polystyrene. D. A. Fletcher. 2,317,137; Apr. 20.
- Plastic product and process. C. Snyder. 2,319,164; May 11.
- Plastic products and processes for preparing the same. Organic. A. W. Ralston and E. J. Everett. 2,322,009; May 25.
- Plastic protein articles. Accelerating of hardening of. S. Pellerano. 2,325,272; July 27.
- Plastic puttylike asphalt composition and making same. J. van den Berge. 2,327,752; Aug. 24.
- Plastic screen material and making the same. C. Strauss. 2,333,618; Nov. 2.
- Plastic shortening mix. E. L. Griffith. 2,332,074; Oct. 10.
- Plastic substances and the products thereof. Making. H. S. Polin. 2,315,005; Mar. 30.
- Plastic substances. Extruding. C. and H. H. Doering. 2,321,188; June 8.
- Plastic. Tracing. J. C. Brooks and E. R. Derby. 2,312,623; Mar. 2.
- Plastic traveler. W. M. Camp. 2,326,823-30; Aug. 17.
- Plasticizer. E. L. Kropa. 2,322,240; June 22.
- Plasticizer. H. Linford and A. L. Blount. 2,337,671; Dec. 28.
- Plasticizer. C. L. Read. 2,334,582; Nov. 16.
- Plasticizer for cellulose derivatives. J. T. Thurston and J. M. Grim. 2,329,015; Sept. 7.
- Plasticizer product sugar. N. R. Pike, P. H. Kelm and G. A. McLaren, Jr. 2,322,736; June 22.
- Plasticizers. E. Higgins. 2,317,380; Apr. 27.
- Plastics and aluminum. Bonding rubberlike. M. C. Beebe. 2,320,999; June 8.
- Plastics. Casein. F. W. Adams and W. H. Lyan. 2,331,146; Apr. 13.
- Plastics during curing or molding. Protecting. I. C. Schoonover and G. R. Dickson. 2,333,679; Nov. 9.
- Plastics. Method for stress-relieving. J. H. Seaton. 2,317,409; Apr. 27.
- Plastics. Molding. R. R. Bradshaw. 2,313,985; Mar. 16.
- Plastics. Molding. W. Q. Lohrand and C. H. Whitlock. 2,324,978; July 20.
- Plate. Address. W. T. Gollwitzer. Re. 22,249; Jan. 12.
- Plate and driving spring for machine guns. Back. S. G. Green and E. W. Hopkins. 2,321,592; June 15.
- Plate. Armor. G. J. Pissarevsky. 2,332,464; Oct. 19.
- Plate assembly. Clutch driven. G. I. Goodwin. 2,308,604; Jan. 19.
- Plate clamp. F. J. Breman and E. F. Dell. 2,309,161; Jan. 26.
- Plate clamp. T. B. Chandler. 2,324,362; July 13.
- Plate clamp for securing and positioning printing plates on printing cylinders. W. F. Huck. 2,320,239; May 25.
- Plate. Clutch. J. F. Dankus. 2,324,913; July 20.
- Plate. Clutch. O. Rose. 2,321,941; June 15.
- Plate. Face. W. R. Schlage. 2,327,070; Aug. 17.
- Plate fastening device. E. B. Lear. 2,328,816; Sept. 7.
- Plate. Fender scuff. G. A. Lyon. 2,319,936; May 25.
- Plate finishing apparatus. L. G. Olander. 2,334,787; Nov. 23.
- Plate for controlling temperature of food and serving same. K. E. Baker. 2,324,351; July 13.
- Plate for door latches. Escutcheon. H. B. Keats. 2,314,646; Mar. 23.
- Plate for individual portions of ice cream. Drip catching. M. Rubinoff. 2,321,519; June 8.
- Plate for magnetic chucks. Universal work-holding. C. O. Smith. 2,327,748; Aug. 24.
- Plate for screws. Locking. A. H. Thompson. 2,335,367; Nov. 30.
- Plate hanger. B. D. Oliphant. 2,315,268; Mar. 30.
- Plate holder. F. W. Barker. 2,328,252; Aug. 31.
- Plate. License. A. W. Becker. 2,328,253; Aug. 31.
- Plate. License. S. K. Wood. 2,334,466; Nov. 16.
- Plate Lock. W. Hoettels. 2,312,643; Mar. 2.
- Plate. Manufacturing tin. C. G. Freis. 2,317,403; Apr. 27.
- Plate. Scuff. J. F. Duffy. 2,313,812; Mar. 16.
- Plate. Spring. H. J. Horn. 2,321,487; June 8.

- Plate, Tread. C. D. Morton. 2,326,963; Aug. 17.
 Plate tumbler lock. W. C. Shinn. 2,330,929; Oct. 5.
 Platen leveling device. P. E. Flowers. 2,309,944; Feb. 2.
 Platen mechanism. E. M. Lippert. 2,318,000; May 4.
 Platen printing press. W. C. Rupp. 2,320,100; May 25.
 Platen and bases to be equipped on iron tools and machine members. H. F. A. Lübbe and E. Krupp. 2,317,786; Apr. 27.
 Plates, Finishing stereotype. N. O. Tomte. 2,336,046; Dec. 7.
 Plating. Nickel. R. Lind, W. J. Harshaw, and K. E. Lott. 2,315,802; Apr. 8.
 Plating process. J. W. Spence. 2,327,676; Aug. 24.
 Plating tank. E. J. Merrell. 2,328,162; Aug. 31.
 Plating construction. H. E. Milz and J. J. Siehman. 2,367,149; Jan. 5.
 Platform for printing and other apparatus. Collapsible. J. Sinkovits. 2,307,079; Jan. 5.
 Platform for vessels. Boat. G. C. Perry. 2,328,094; Aug. 31.
 Platform supporting means. P. L. Phillips. 2,309,210; Jan. 26.
 Play yard. B. S. Kennedy. 2,308,608; Jan. 19.
 Playing ball. T. W. Casey and A. E. Sidnell. 2,324,277; July 13.
 Playing card case. D. Platin. 2,315,136; Mar. 30.
 Pleasure, puff, aircraft paper. J. B. Swan. 2,319,756; May 18.
 Plier type wrench. J. Hahn. 2,325,245; July 27.
 Pliers. N. Smith. 2,321,430; June 8.
 Pliers. P. Van Sittert and A. J. Lav. 2,328,866; Sept. 7.
 Pliers, Adjustable jaw. P. J. Cargile. 2,325,035; July 27.
 Pliers, Toggle. J. Olson. 2,327,368; Aug. 24.
 Plotter, Rectoblique. J. G. Lewis. 2,321,033; June 8.
 Plotting apparatus. H. W. Fatkin. 2,322,967; Oct. 26.
 Plotting board. O. J. Mock. 2,317,856; Apr. 27.
 Plotting device. H. Bennett. 2,331,298; Oct. 12.
 Plotting device. A. L. Thurston and B. Sweeney. 2,321,955; June 15.
 Plow. G. W. Lee. 2,323,041; Apr. 20.
 Plow. C. G. Strandlund. 2,312,372; Mar. 2.
 Plow. C. G. Strandlund. 2,332,612; Oct. 26.
 Plow. C. G. Strandlund. 2,331,888; Nov. 23.
 Plow. D. W. Thomas. 2,335,977; Dec. 7.
 Plow. G. R. Vinsonhaber. 2,317,567; Apr. 27.
 Plow attachment. A. E. Kelly. 2,311,945; Feb. 23.
 Plow attachment for tractors. S. M. Bunn. 2,322,342; June 22.
 Plow bottom. H. N. Baker. 2,323,177; June 29.
 Plow bottom. C. G. Strandlund. 2,312,371; Mar. 2.
 Plow construction. H. E. Altgelt. 2,308,667; Jan. 19.
 Plow, Cultivating. R. Bloodworth. 2,316,393; Apr. 13.
 Plow, Direct coupled. G. R. Ego. 2,319,670; May 18.
 Plow, Hinged moldboard. G. M. Horner and L. M. Naffziger. 2,326,097; Aug. 3.
 Plow, Peanut and similar harvesting. G. W. Braxton. 2,316,501; Apr. 13.
 Plow, Peanut harvester. C. A. Finleyson. 2,324,376; July 13.
 Plow point. J. M. Zwaska. 2,310,336; Feb. 9.
 Plow, Rock. C. A. Cox and J. S. Holland. 2,322,115; June 15.
 Plow, Rock rooter. J. R. Horrigan. 2,310,526; Feb. 9.
 Plow, Roll over. J. R. Orrell. 2,327,927; Aug. 24.
 Plow, Snow. H. B. Churchill. 2,333,360; Nov. 23.
 Plow, Snow. M. F. Fitzpatrick. 2,317,680; Apr. 27.
 Plow, Suction disk. C. E. Newkirk. 2,320,742; June 1.
 Plow, Tractor. H. E. Altgelt. 2,312,616; Mar. 2.
 Plow, Two-way. C. W. Mott. 2,321,808; July 20.
 Plowshare. L. Mohr. 2,316,097; Apr. 6.
 Plowshare, Sectional. L. P. Thompson. 2,337,136; Dec. 21.
 Plug. See—
 Aircraft spark plug. Electrical appliance plug.
 Attachment plug. Electrical contact plug.
 Boiler drop plug. Electrical outlet plug.
 Cementing plug. Header plug.
 Circuit breaking plug. Multiple connector plug.
 Cleanout plug. Nonspill vent plug.
 Connector plug. Oil line metering plug.
 Cord plug. Pipe plug.
 Drop plug. Spark plug.
 Electric connecting plug. Sparking plug.
 Electric plug. Well plug.
 Plug and drain assembly for washbasins, sinks, and the like. Self-closing. P. Moore-MacMahon. 2,335,129; Nov. 23.
 Plug apparatus. Expandable collapsing. E. T. Ahern. 2,309,429; Jan. 26.
 Plug assembly, Bridge. H. E. Nash. 2,320,880; June 1.
 Plugboard. S. Brand and J. M. Cunningham. 2,330,948; Oct. 5.
 Plug cock for handling powdered materials. P. H. Holt, 2nd and H. G. Coder. 2,315,058; Mar. 30.
 Plug for lug straps. H. E. Wilson. 2,337,218; Dec. 21.
 Plug for oil and gas wells. F. J. Spang. 2,313,178; Mar. 9.
 Plug for storage batteries. Vent. J. L. Rupp. 2,309,331; Jan. 26.
 Plug for water pipes. Emergency. G. C. French. 2,322,842; June 29.
 Plug fuse receptacle structure. E. W. Landmeyer. 2,326,370; Aug. 10.
 Plug handle. M. J. Best. 2,329,242; Sept. 14.
 Plug-in terminal for electric cables. B. Cassen. 2,337,800; Dec. 28.
 Plug supporting member for spark plug cleaners. R. G. Berman. 2,314,536; Mar. 25.
 Plug valve. R. Bischoff. 2,314,759; Mar. 23.
 Plug valve. A. A. Reiser. 2,313,090; Mar. 9.
 Plug valve. A. S. Volpin. 2,332,282; Oct. 19.
 Plugger for ships and the like. Hote. R. H. Rice. 2,321,515; June 8.
 Plugging switch. W. Tribble. 2,331,442; Oct. 12.
 Plugs, Forming. F. C. A. Oit. 2,335,879; Dec. 7.
 Plumbing fixture. E. A. Pope. 2,314,950; Mar. 30.
 Plumbing fixtures, and the like. Closure for washbowls, sinks. L. Kirschner. 2,337,331; Dec. 21.
 Plunger type electrical switch. R. Hetherington. 2,326,942; Aug. 17.
 Plush and making the same. J. H. McElhane. 2,319,073; May 11.
 Plywood binder. E. C. Knowles and F. C. McCoy. 2,334,270; Nov. 16.
 Plywood corner unit, One-piece. H. McGowan. 2,325,528; July 27.
 Plywood, Making an improved. A. J. Stamm and R. M. Soborg. 2,321,258; June 8.
 Pneumatic actuating mechanism for electrically operated typewriters. G. W. Carlson. 2,327,172; Aug. 17.
 Pneumatic and hydraulic water closet, Combined. A. O. Sweeny. 2,315,824; Apr. 6.
 Pneumatic conveying apparatus. R. P. Sweeny. 2,310,265; Feb. 9.
 Pneumatic cotton picker. A. P. Costa. 2,308,357; Jan. 12.
 Pneumatic cushion. M. L. Brewster. 2,325,223; July 27.
 Pneumatic drive fuel pump. K. A. Browne. 2,307,566; Jan. 5.
 Pneumatic hammering tools. Distributing valve for. F. P. Boss. 2,334,403; Nov. 16.
 Pneumatic-hydraulic pressure device. E. J. Schleicher and C. F. Frede. 2,319,950; May 25.
 Pneumatic jack. R. H. Farquhar. 2,328,070; Sept. 7.
 Pneumatic pressure head. E. B. Moss. 2,325,018; July 20.
 Pneumatic spring. T. A. Higby. 2,317,057; Apr. 20.
 Pneumatic ticket receiving valve. E. W. Gent. 2,337,883; Dec. 28.
 Pneumatic ticket sending and receiving valve. E. W. Gent. 2,310,417; Feb. 9.
 Pneumatic tire and rim assembly. J. E. Hale. 2,324,994; July 20.
 Pneumatic tire assembly. G. L. Benson. 2,316,549; Apr. 13.
 Pneumatic tire machine. F. S. Sternad and J. P. Sapp. 2,319,443; May 18.
 Pneumatic valve. A. D. Albert. 2,309,430; Jan. 26.
 Pocketbook, Lady's. S. D. Long. 2,311,847; Feb. 23.
 Pocket clip. E. C. Feig. 2,320,455; July 1.
 Pocket facing protector. J. T. Isbell. 2,315,620; Apr. 6.
 Pocket for billiard tables. A. F. Denick. 2,314,774; Apr. 23.
 Pocket for brief cases and the like. Slide. H. J. and G. G. Guenther. 2,316,328; Apr. 13.
 Pocket for clothing. S. J. and Z. Reidbord. 2,315,814; Apr. 6.
 Pocket for garments. M. Friedman. 2,323,390; July 6.
 Pocket for garments, Multiple. G. H. Lester. 2,312,177; Feb. 23.
 Pocket fountain brush. J. Dworkin. 2,313,865; Mar. 16.
 Pocket, Multiple filing. M. Winokar. 2,330,402; Sept. 28.
 Pocket sewing machine. H. B. Hathaway. 2,318,086; May 11.
 Pocket tool. M. Berg. 2,327,090; Aug. 17.
 Pointer, Nonparallax. L. M. Ellison. 2,323,709; July 6.
 Points of entry of water into bore holes. Locating. D. G. C. Hare. 2,335,409; Nov. 30.
 Polar coordinate cathode-ray tube. P. S. Christaldi and S. J. Koch. 2,328,259; Aug. 31.
 Polar relay. R. J. Little and T. J. Judge. 2,314,228; Mar. 23.
 Polarimetric apparatus. R. S. Estey. 2,310,623; Feb. 9.
 Polarized electromagnetic control device. M. R. Douglass. 2,337,651; Dec. 28.
 Polarized-field generator. G. L. Abell. 2,320,841; June 1.
 Polarized relay. J. S. Garvin. 2,309,945; Feb. 2.
 Polarized relay control. A. J. Sorensen. 2,330,526; Sept. 28.
 Pole attachment suspension clamp for aerial wires and cables. F. W. Kennedy. 2,334,560; Nov. 16.
 Pole-carrying means for endless chain conveyers. W. Dreisel. 2,308,651; Jan. 19.
 Pole changer control circuit. B. A. Wallace. 2,316,730; Apr. 13.
 Pole fishing. A. Rondelli. 2,324,429; July 13.
 Pole guying fixture. A. B. Chance. 2,309,751; Feb. 2.
 Pole piece assembly. Z. C. Bradford, C. J. Werner and E. B. Sleeter. 2,323,114; June 29.
 Pole reinforcement device. J. W. Vanderveer. 2,327,681; Aug. 24.
 Pole reversing switch. A. A. Bluemle and W. E. Brown. 2,331,534; Oct. 12.
 Polish. J. A. Tumbler. 2,335,324; Nov. 30.

- Polish and making it. L. I. Smith. 2,322,066; June 15.
- Polish. Liquid wax. J. M. Olson. 2,331,925; Oct. 19.
- Polished metal and making the same. C. L. Faust. 2,334,698; Nov. 23.
- Polishing apparatus. Fire. J. P. Brown. 2,331,014; Oct. 5.
- Polishing device. L. and A. Mintzes. 2,323,098; June 29.
- Polishing machine. E. E. Murray. 2,325,701; Aug. 3.
- Polishing machine. T. F. Philippi. 2,322,589; June 22.
- Polishing machine. L. H. Sterne and W. N. Lurocott. 2,313,781; Mar. 16.
- Polishing material for tumbling barrels. Preparing. W. B. Balz and L. R. Davidson. 2,318,578; May 11.
- Polishing unit. G. R. Schultz. 2,311,879; Feb. 23.
- Polishing wheel and treatment. R. V. Twyning. 2,331,583; Oct. 12.
- Pollen antigens and preparing them. G. E. Rockwell. 2,321,043; June 8.
- Pollution of atmospheres. Method and apparatus for studying the. A. C. Robertson. 2,310,871; Feb. 9.
- Polyamide. P. L. Salzberg. 2,327,131; Aug. 17.
- Polyamide coated film element. J. E. Kirby. 2,312,913; Mar. 2.
- Polyamide, Plasticized. G. T. Vaala. 2,311,587; Feb. 16.
- Polyamides. D. J. Loder. 2,327,116; Aug. 17.
- Polyamine polyol sulphates and their dehydrates. J. Liberton. 2,321,496; June 8.
- Polyamino sulphur compound, Complex. W. F. Hester. 2,326,643; Aug. 10.
- Polyazo dye stuff. Manufacture of. P. Petitcolas and R. F. M. Sureau. 2,315,220; Mar. 30.
- Polycarboxylic acids. D. J. Loder and W. F. Gresham. 2,316,006; Apr. 13.
- Polycarboxylic acids. W. O. Teeters. 2,316,636; Apr. 13.
- Polycondensation products containing nitrogen. Production of. P. Schlack. 2,325,552; July 27.
- Polymeric material. F. T. Peters. 2,337,834; Dec. 28.
- Polymerizable and polymerized dicvandamide-formaldehyde complexes. K. E. Ripper. 2,336,370; Dec. 7.
- Polyester-amide. H. W. Gray. 2,333,923; Nov. 9.
- Polyester compounds and making same. A. H. Gleason. 2,311,534; Feb. 16.
- Polyester resins from phthalic anhydride pentaerythritol and soya bean oil. A. G. Hovey, T. S. Hodgins and C. J. Meeske. 2,315,708; Apr. 6.
- Polyesters and product therefrom. Treatment of. R. E. Christ and W. E. Hanford. 2,333,639; Nov. 9.
- Polyethines or their derivatives. Producing. W. O. Herrmann, W. Haehnel, and H. Deutsch. 2,309,768; Feb. 2.
- Poly hexahydro hydroquinone sebacate. C. J. Frosch. 2,315,613; Apr. 6.
- Polyhydric alcohol esters of monocarboxylic acids. Polymerization of. M. A. Pollack, I. E. Muskat, and F. Strain. 2,308,236; Jan. 12.
- Polyhydric alcohols. Hydrogenolysis of. R. R. Bottoms. 2,335,731; Nov. 30.
- Polyhydric alcohols of the etio-cholane and pregnane series and the manufacture thereof. W. Logemann. 2,312,344; Mar. 2.
- Polyisobutylene in aqueous mediums. Dispersion of. G. P. Mack. 2,330,504; Sept. 28.
- Polymer. Vulcanized, fatty oil modified, cracked distillate. M. B. Chittick and A. F. Schlandt. 2,330,798; Oct. 5.
- Polymeric compounds. Production of. H. Dreyfus. 2,314,972; Mar. 30.
- Polymeric guanidines and preparing the same. E. K. Boland, D. D. Coffman, and L. Gilman. 2,325,586; Aug. 3.
- Polymeric iminoether hydrohalides. D. D. Coffman and F. C. McGrew. 2,317,155; Apr. 20.
- Polymeric material. W. E. Hanford. 2,312,966; Mar. 2.
- Polymeric material. Resinous. W. J. Sparks and D. C. Field. 2,322,670; June 22.
- Polymeric material. Storage of supercooled normally crystalline. R. M. Wiley. 2,320,112; May 25.
- Polymeric materials. H. S. Rothrock. 2,321,942; June 15.
- Polymeric materials. Molding of. W. E. Gordon. 2,309,729; Feb. 2.
- Polymeric product and process. P. R. Austin. 2,307,817; Jan. 12.
- Polymerizable unsaturated methylene compound and resin comprising polymers thereof. L. Coes, Jr., and C. E. Barnes. 2,317,130; Apr. 20.
- Polymerizing olefins. E. E. Stahly and F. B. Johnson. 2,314,458; Mar. 23.
- Polymerization. J. Breedis. 2,326,326; Aug. 10.
- Polymerization method. E. C. Britton and W. J. Le Fevre. 2,333,633; Nov. 9.
- Polymerization of acetylene. O. Fuchs. 2,316,536; Apr. 13.
- Polymerization of acyclic terpenes in the presence of a phosphoric acid catalyst. A. L. Rummelsburg. 2,310,375; Feb. 9.
- Polymerization of conjugated dienes. J. F. Walker. 2,327,080; Aug. 17.
- Polymerization of ethanoid monomers. Granular. D. A. Fletcher. 2,317,138; Apr. 20.
- Polymerization of isobutylene containing material at low temperature. L. B. Turner. 2,317,868; Apr. 27.
- Polymerization of N-vinyl lactams. C. Schuster, R. Sauerbier, and H. Fikentscher. 2,335,454; Nov. 30.
- Polymerization of rosin and rosin esters. O. A. Pickett. 2,320,795; June 1.
- Polymerization of styrene-type compounds. H. P. Standinger. 2,330,527; Sept. 28.
- Polymerization of unsaturated compounds having the cyclopentadiene nucleus. F. J. Soday. 2,314,903-4; Mar. 30.
- Polymerization of unsaturated compounds having the cyclopentadiene nucleus. S. G. Trepp. 2,314,908-11; Mar. 30.
- Polymerization process. R. D. Freeman and G. P. Schmelter. 2,328,333; Aug. 31.
- Polymerization product and producing same. Vulcanizable. E. Zaucker. 2,327,975; Aug. 24.
- Polymerization products. H. Bestian. 2,312,863; Mar. 2.
- Polymerization products. Mixed. W. Zerweck and W. Kunze. 2,324,896; July 20.
- Polycondensation products. Production of. H. Hopff and S. Goebel. 2,334,195; Nov. 16.
- Polymerizations. Carry out. M. Otto, H. Gueterbock, and A. Hellemanns. 2,311,567; Feb. 16.
- Polymerized chloroprene-cashew nut shell liquid composition. M. T. Harvey. 2,323,130; June 29.
- Polymerized insulating compound. A. L. Brown and W. B. Atkinson. 2,326,748-9; Aug. 17.
- Polymerized styrene-polyisobutylene resin product. F. J. Soday. 2,317,857; Apr. 27.
- Polymerizing derivatives of methacrylic acid. C. T. Kauter and E. Trommsdorff. 2,324,935; July 20.
- Polymerizing methacrylic acid. E. Trommsdorff and G. Abel. 2,326,078; Aug. 3.
- Polymerizing 2-halogeno-butadiene-1,3. R. Kitani, N. Sakashima and H. Kaneko. 2,316,598; Apr. 13.
- Polymers and copolymers of vinyl esters of halo-phenoxy substituted aliphatic monocarboxylic acids. G. F. D'Alleio. 2,335,651; Nov. 30.
- Polymers derived from styrene. Making. J. W. Zemba and G. H. Coleman. 2,311,615; Feb. 16.
- Polymers. Fluoclose vinyl halide. L. B. and W. M. Morgan. 2,322,309; June 22.
- Polymers. Manufacture of viscous. J. A. Reid. 2,315,080; Mar. 30.
- Polymers of allyl type halides. Manufacture of high. D. E. Adelson and H. Dannenberg. 2,331,869; Oct. 12.
- Polymers of amides of alpha-methylene monocarboxylic acids. R. A. Jacobson and C. J. Mighton. 2,311,548; Feb. 16.
- Polymers of high molecular weight. Producing. L. A. Banno. 2,317,878; Apr. 27.
- Polynuclear cyclic oxyketones and derivatives thereof and making same. L. Ruzicka and A. Wettstein. 2,308,833-5; Jan. 19.
- Polysaccharides and product. Producing water-repellent. R. K. Iler and H. E. Hanthorn. 2,307,045; Jan. 5.
- Polysilyl chloride-modified aminoplast. G. F. D'Alleio. 2,320,817; June 1.
- Polystyrene moldings. Decorative effect. R. R. Bradshaw. 2,330,108; Sept. 21.
- Polystyrene resinous composition. R. D. Lowry. 2,331,273; Oct. 5.
- Polysulfonates. W. E. Hanford and P. L. Salzberg. 2,313,871; Mar. 16.
- Polyvinyl alcohol resin. Plasticized. E. R. Derby. 2,312,963; Mar. 2.
- Polyvinyl acetal resin sheets. Forming. G. J. Esselen. 2,327,627; Aug. 24.
- Polyvinyl acetal resins. Preparing. C. J. Maim and M. Salo. 2,333,804; Nov. 9.
- Polyvinyl acetal resins. Preparing. J. G. McNally, C. R. Fordyce, and R. H. Talbot. 2,326,048; Aug. 3.
- Polyvinyl acetals. G. L. Dorrough and D. M. McQueen. 2,310,943; Feb. 16.
- Polyvinyl butyral sheet material. E. F. Izard. 2,328,646; Sept. 7.
- Polyvinyl halide composition. T. L. Gresham. 2,325,951; Aug. 3.
- Polyvinyl halide composition. A. B. Japs. 2,316,169; Apr. 13.
- Polyvinyl halide composition. H. Tucker. 2,333,280; Nov. 2.
- Pompon making device and process. S. J. Samuels. 2,322,060; June 15.
- Popcorn machine. R. W. Scott. 2,316,989; Apr. 20.
- Popcorn machine. H. Van Doren, and D. E. Dailey. 2,324,046; July 13.
- Porcelain bushed grinding wheel. J. F. Fischer. 2,324,377; July 13.
- Pore surfaced foam rubber and method. J. F. Schott. 2,327,001; Aug. 17.
- Porous masses. Drying of. D. W. Ross. 2,320,474; June 1.
- Porous masses. Treating. L. S. Wertz. 2,313,109; Mar. 9.
- Porous materials. Greaseproofing. A. A. Robbins. 2,332,169; Oct. 19.
- Porous metal. Making. R. G. Olt. 2,332,746; Oct. 26.
- Portable and knockdown cattle holder. R. M. Shearer. 2,308,213; Jan. 12.
- Portable apparatus for treating flax straw. J. A. Johnson. 2,316,590; Apr. 13.
- Portable building structure. A. and A. Faure. 2,330,819; Oct. 5.

- Portable carrier. O. Y. Warren. 2,329,800; Sept. 21.
 Posture chair. A. R. Boerner. 2,329,327; Sept. 14.
 Portable climber. E. H. Hurley. 2,330,288; Sept. 28.
 Portable container. R. J. Kennedy. 2,333,014; Oct. 26.
 Portable cutting and breaking machine. W. V. Cornett. 2,332,171; Nov. 23.
 Portable cutting tool. H. Sanku. 2,329,729; Sept. 21.
 Portable drier. B. Campbell. 2,316,539; Apr. 13.
 Porta drier for use with tumbling barrels. D. P. Smith. 2,312,936; Mar. 2.
 Portable drill. M. A. Knight. 2,318,166; May 4.
 Portable dry-cast receptacle. B. R. Brandon. 2,332,344; June 23.
 Portable electric floor lamp. R. C. Henschel. 2,311,986; Feb. 23.
 Portable electromagnetic apparatus. H. de Jong. 2,327,871; Aug. 24.
 Portable engine-driven pump. L. Hathaway. 2,330,488; Sept. 28.
 Portable expansion wire reel. G. Dorn and K. G. Weyland. 2,333,501; Nov. 2.
 Portable fastener self-feeding tool. E. G. Henry. 2,330,062; Sept. 21.
 Portable folding ironing board. B. Parker. 2,326,062; Aug. 3.
 Portable lamp. O. L. Ely. 2,320,917; June 1.
 Portable heater. R. B. Roney and W. A. Munsey. 2,326,760; Dec. 14.
 Portable microphone and amplifier. W. A. Zarth. 2,326,828; Dec. 14.
 Portable receptacle. J. H. Levin. 2,323,093; June 29.
 Portable rivet heater. L. C. Guertin. 2,326,353; Dec. 7.
 Portable sheet metal cutting tool. G. C. Willhide. 2,318,982; May 11.
 Portable sizerizer. E. J. Le Claire. 2,335,681; Nov. 30.
 Portable suction cleaner. A. A. Breuer. 2,316,836; Apr. 20.
 Portable table. W. C. F. Dietz. 2,324,647; July 20.
 Portable table. H. K. Ullman. 2,324,217; July 13.
 Portable welding screen. H. D. Hampton. 2,335,274; Nov. 30.
 Portable window stand. G. E. Swango. 2,315,668; Apr. 6.
 Position finding devices, particularly course projectors. F. von Opel. 2,328,517; Aug. 31.
 Position indicating device. L. L. Holmes, Jr., and O. W. Livingston. 2,321,386; June 8.
 Position indicator. E. Martin. 2,337,013; Dec. 28.
 Positive detent. B. C. W. Haselman. 2,330,049; Sept. 21.
 Positive displacement pump. L. E. Harper. 2,308,974; Jan. 19.
 Positive displacement pump for metering. D. Sandran. 2,326,803; Aug. 17.
 Positive synchronous coupling mechanism for power transmission. H. Sinclair and R. C. Clerk. 2,320,757; June 1.
 Post and insulator construction, adjustable elevation. S. C. Miller. 2,310,803; Feb. 9.
 Post, Bumping. S. W. Hayes. 2,308,877; Jan. 19.
 Post, Bumping. S. W. Hayes. 2,318,940; May 11.
 Post cap. G. F. Barnett. 2,317,125; Apr. 20.
 Post card and envelope. Combined business reply. E. Feder. 2,328,380; Aug. 31.
 Post card, Transfer picture. A. Braunstein. 2,319,293; May 18.
 Post construction, Locking. J. C. Dawson, Jr. 2,327,873; Aug. 24.
 Post construction, Table. W. A. Hillenbrand. 2,321,204; June 8.
 Post, Fence. F. W. Taylor. 2,320,017; Sept. 29.
 Post for vertically slidable doors, Removable center. H. C. Blodgett. 2,309,436; Jan. 20.
 Post straightener for pipes, bars, and the like material. T. H. Graham. 2,311,825; Feb. 23.
 Postage checker. C. T. Osterberg. 2,335,693; Nov. 30.
 Posture chair. F. B. Harman. 2,310,366; Feb. 9.
 Pot, Assembled transplanting. E. R. Neepce. 2,319,081; May 11.
 Pot, Emul dump cinder. W. Johnston, Jr. 2,316,336; Apr. 13.
 Pot furnace. E. Steinbruck. 2,333,960; Nov. 9.
 Pot support for use on canned fuel. W. E. Nehrich. 2,335,020; Nov. 23.
 Pot, Tea or coffee. W. England. 2,309,834; Feb. 2.
 Potash compounds, Mining and recovery of. R. Cross. 2,331,890; Oct. 19.
 Potassium chloride and borax. Separating and recovering. E. P. Pearson. 2,333,334; Nov. 2.
 Potassium compounds from magnesium bisulphite cooking liquor, Separation and recovery of. R. S. Hatch. 2,308,364; Jan. 12.
 Potato dressing apparatus. J. W. Hammond. 2,316,953; Apr. 20.
 Potato drying apparatus. A. F. Arthur. 2,326,115; Aug. 10.
 Potato hoe attachment for tractors. H. P. Smith. 2,325,887; Aug. 3.
 Potato picking implement. B. E. Chromy. 2,312,075; Feb. 23.
 Potential device. P. O. Langguth and E. L. Harder. 2,310,097; Feb. 2.
 Potential device. P. O. Langguth and S. A. Bottonari. 2,313,950; Mar. 16.
 Potentiometer. M. J. Johnson. 2,307,135; Jan. 5.
 Potentiometer, Compensating. A. Zeitlin. 2,332,288; Oct. 19.
 Pottery, Glazed. J. M. Stangl. 2,327,076; Aug. 17.
 Pottery, Producing multicolored. S. Higgins. 2,332,447; Oct. 19.
 Pottery setter. F. V. Wind. 2,314,534; Mar. 23.
 Pottery ware, Manufacture of. W. J. Miller. 2,310,850; Feb. 9.
 Pottery ware, Method and apparatus for the manufacture of. W. J. Miller. 2,310,858; Feb. 9.
 Pottery ware, Method of and apparatus for manufacturing. W. J. Miller. Re. 22,465; Dec. 14.
 Pouch and making same, Tobacco. I. Gurwick. 2,325,673; Aug. 3.
 Poultry band. D. W. Ashton. 2,337,729; Dec. 28.
 Poultry cage apparatus. E. C. Ingraham. 2,309,458; Jan. 26.
 Poultry chilling. C. T. Walter. 2,314,317; Mar. 16.
 Poultry dressing machine. J. P. Spang. 2,327,224; Aug. 17.
 Poultry, Dressing. L. G. Swanson. 2,310,881; Feb. 9.
 Poultry feed comprising wool. J. W. Creely and J. A. Levering. 2,327,698; Aug. 24.
 Poultry feeder. J. J. Carmo. 2,323,117; June 29.
 Poultry feeder. C. T. Phillips. 2,323,370; Aug. 3.
 Poultry feeder. J. S. Traylor. 2,327,877; June 15.
 Poultry feeder support. B. S. Martin. 2,308,701; Jan. 19.
 Poultry freezing. E. Stafford and C. H. Welling. 2,329,226; Sept. 14.
 Poultry housing. F. H. Giguere. 2,328,209; Aug. 31.
 Poultry picker, Mechanical. E. E. McMahon and A. C. Gaudin. Re. 22,323; May 25.
 Poultry picking machine. H. C. Campbell. 2,311,365; Feb. 16.
 Poultry plucking machine. G. W. Johnson. 2,337,201; Dec. 21.
 Poultry restraining device. O. D. Markins. 2,319,938; May 25.
 Poultry waterer. C. C. Quinn. 2,338,072; Dec. 28.
 Pouncing machine. P. Schultze. 2,315,276; Mar. 30.
 Pour point depressant for lubricating oils. I. Silverman. 2,308,116; Jan. 12.
 Pour spout, Detachable. A. J. Gramp. 2,327,258; Aug. 17.
 Pouring box. J. L. Martin and H. B. Wessinger. 2,333,113; Nov. 2.
 Pouring can. N. R. Tripp. 2,324,338; July 13.
 Pouring lip for fluid containers. C. S. Packer. 2,326,881; Aug. 17.
 Pouring spout and sifter, Combination. A. Read. 2,321,856; June 15.
 Pouring spout for receptacles, Self-attaching. A. Read. 2,311,255; Feb. 16.
 Powder can. E. E. Baker. 2,327,391; Aug. 24.
 Powder composition, Smokeless. B. H. Mackey. 2,320,243; May 25.
 Powder container. J. W. McCarthy and H. C. Holly. 2,315,635; Apr. 6.
 Powder dispenser. W. H. Rose. 2,327,560; Aug. 24.
 Powder distributor, Poison. L. E. Kopsel and W. G. Koehler. 2,313,556; Mar. 9.
 Powder, Propellant. E. R. Allison and E. S. Goodyear. 2,329,575; Sept. 14.
 Powder puff and similar article, and making the same. J. E. Valentine and R. J. Peña. 2,337,695; Dec. 28.
 Powder puff, Dispensing. M. L. Harlee. 2,329,267; Sept. 14.
 Powder, Regeneration of. C. W. Tyson. 2,322,075; June 15.
 Powdered catalyst recovery. R. E. Butikofer. 2,328,325; Aug. 31.
 Powdered material, Conveying. E. D. Reeves. 2,315,079; Mar. 30.
 Powdered material level indicator. W. C. Ludl. 2,331,208; Oct. 5.
 Powdered soap dispenser. C. W. Wehe. 2,314,959; Mar. 30.
 Power-actuated machines, Two-hand control. E. Davis. 2,337,455; Dec. 21.
 Power and brake control for recording apparatus. P. S. Gay. 2,325,062; Aug. 3.
 Power and heating system. R. H. Horton. 2,313,439; Mar. 9.
 Power and transmission unit. H. N. Burns. 2,310,513; Feb. 9.
 Power arrangement for agricultural implements. C. W. Mott. 2,332,739; Oct. 26.
 Power arrangement for tractor implements. H. P. Smith. 2,309,221; Jan. 26.
 Power attachment for compost carriers. P. Patz. 2,312,188; Feb. 23.
 Power belt construction. C. M. Conradson. 2,321,580; June 15.
 Power booster. J. G. Hawley. 2,319,231; May 18.
 Power brake. E. R. Price. 2,332,340; Oct. 19.
 Power control. S. M. Udale. 2,313,283; Mar. 9.
 Power control unit. R. G. Letourneau. 2,322,371; June 22.
 Power control unit. R. G. Le Tourneau. 2,332,862; Oct. 2.
 Power device. C. A. Brewer. 2,307,619; Jan. 5.

- Power directional fused network. R. R. Pittman and C. H. Walsh. 2,314,017; Mar. 16.
- Power distribution system. M. J. De Mask. 2,334,810; Nov. 23.
- Power divider. C. A. Cook. 2,309,441; Jan. 26.
- Power drill safety support, Portable. A. L. Kowalske. 2,309,777; Feb. 2.
- Power drive for bicycles. G. S. Schunk. 2,328,233; Aug. 31.
- Power drive for motor vehicles. E. R. Honeywell. 2,311,393; Feb. 16.
- Power drive mechanism. D. A. Schaibberger. 2,328,362; Aug. 31.
- Power-driven portable tool. P. Van Sittert. 2,331,874; Oct. 19.
- Power driven stencil tool. B. R. Jones. 2,332,085; Oct. 19.
- Power factor meter. S. C. Hoare. 2,312,904; Mar. 2.
- Power filter. W. E. Atkinson. 2,323,188; June 29.
- Power gear shifting mechanism. R. H. Casler and S. Vorech. 2,336,715; Dec. 14.
- Power indicator. C. I. MacNell. 2,331,128; Oct. 5.
- Power lawn mower. L. C. Hitch. 2,329,372; Sept. 14.
- Power lift. T. Brown. 2,334,862; Nov. 23.
- Power lift. T. Brown and F. T. Court. 2,336,062; Dec. 7.
- Power lift. D. M. Morris. 2,314,235; Mar. 16.
- Power lift. M. H. Woodruff and E. W. Todd. 2,309,152; Jan. 26.
- Power lift device. J. Morkoski. 2,330,303; Sept. 28.
- Power lift device. J. Morkoski. 2,334,947; Nov. 23.
- Power lift device. C. W. Mott. 2,332,741; Oct. 26.
- Power lift mechanism for tractors. B. R. Benjamin. 2,327,853; Aug. 24.
- Power lifting arrangement for cultivators. Tractor. A. C. Lindgren and C. W. Mott. 2,320,148; May 25.
- Power measuring device. W. van B. Roberts. 2,313,699; Mar. 9.
- Power mechanism. H. Baade. 2,307,910; Jan. 12.
- Power mechanism for steering apparatus and the like. E. A. McMurry. 2,334,347; Nov. 16.
- Power-operated animal trap. W. Colwell and C. Allen. 2,312,209; Feb. 23.
- Power operated chuck. M. P. Holmes. 2,333,180; Nov. 2.
- Power operated mechanism, Mural. H. N. Lee. 2,334,208; Nov. 16.
- Power-operated window-lifting device. H. D. Brotman and E. J. Westrope. 2,337,867; Dec. 28.
- Power operated window regulator. J. W. Lakin. 2,332,731; Oct. 26.
- Power operated window regulator. J. W. Lakin. 2,337,902; Dec. 28.
- Power operated window regulator. E. G. Simpson. 2,311,972; Feb. 23.
- Power operated window regulator. E. G. Simpson. 2,317,697; Apr. 27.
- Power plant. A. Morch. 2,338,005; Dec. 28.
- Power plant for submarines and the like. A. Lysholm. 2,325,619; Aug. 3.
- Power plant, Thermal. C. Keller. 2,336,178; Dec. 7.
- Power plant, Vessel. J. E. Johansson. 2,322,522; June 22.
- Power plants, Overload working method for thermal. C. Keller. 2,319,995; May 25.
- Power reset mechanism for wringers. N. L. Eiten. 2,308,444; Jan. 12.
- Power set flowmeter. T. R. Harrison. 2,335,938; Dec. 7.
- Power shovel and truck, Combined. C. W. Shippee. 2,321,630; June 15.
- Power steer switch. B. Ulinaki. 2,312,942; Mar. 2.
- Power steering mechanism. H. W. Hey. 2,313,704; Mar. 9.
- Power supply circuit. A. Lelfer. 2,330,500; Sept. 28.
- Power system. M. A. Edwards. 2,324,293; July 13.
- Power system. P. W. Neff. 2,328,921; Sept. 7.
- Power system and control therefor. L. H. Von Ohlsen. 2,328,314; Aug. 31.
- Power system, Protective. M. J. Baldwin. 2,313,503; Mar. 9.
- Power system, Protective. M. J. Baldwin. 2,315,386; Mar. 30.
- Power supply system. H. H. Spencer. 2,329,010; Sept. 7.
- Power take-off. C. I. Bohmer and C. Gerst. 2,316,130; Apr. 6.
- Power take-off. K. W. Couse. 2,311,030; Feb. 16.
- Power take-off. C. E. Frudden. 2,317,957; Apr. 27.
- Power take-off. E. J. Karp. 2,321,751; June 15.
- Power take-off mechanism. A. Tangen. 2,313,679; Mar. 9.
- Power take-offs, Slip clutch for. F. M. Potgleyer and J. D. Larsen. 2,333,553; Nov. 2.
- Power tool machine. O. Moore. 2,318,956; May 11.
- Power translating device. J. Slepian. 2,333,593; Nov. 2.
- Power transmission. D. Biermann. 2,316,390; Apr. 13.
- Power transmission. S. H. Brooks. 2,315,589; Apr. 6.
- Power transmission. R. C. Griffith. 2,318,852; May 11.
- Power transmission. F. T. Harrington. 2,331,026; Oct. 5.
- Power transmission. F. T. Harrington and R. L. Tweedale. 2,324,697; July 20.
- Power transmission. M. A. Hayden. 2,318,855; May 11.
- Power transmission. K. Hefel. 2,330,581; Sept. 28.
- Power transmission. K. R. Herman and F. T. Harrington. 2,328,979-80; Sept. 7.
- Power transmission. C. V. Losey and R. E. Esch. 2,310,100; Feb. 2.
- Power transmission. V. E. Matulaitis. 2,309,468; Jan. 26.
- Power transmission. S. S. Miller. 2,318,879; May 11.
- Power transmission. C. A. Neracher and W. T. Dunn. 2,314,594; Mar. 23.
- Power transmission. C. A. Neracher, W. T. Dunn, A. J. Szyrov, T. Iavelli, R. T. Bucy, and O. W. Scholtz. 2,328,392; Aug. 31.
- Power transmission. C. A. Neracher, W. T. Dunn, T. Iavelli, and A. J. Szyrov. 2,333,668; Nov. 9.
- Power transmission. C. A. Neracher, A. J. Szyrov, W. T. Dunn, T. Iavelli, and R. T. Bucy. 2,333,115; Nov. 2.
- Power transmission. H. Orner. 2,330,374; Sept. 28.
- Power transmission. H. P. Patterson. 2,309,864; Feb. 2.
- Power transmission. W. G. Pinlayson, L. R. Twyman, R. L. Tweedale. 2,324,688; July 20.
- Power transmission. E. H. Priebe. 2,319,515; May 18.
- Power transmission. J. Robinson. 2,331,046; Oct. 6.
- Power transmission. W. P. Schmitter. 2,311,597; Feb. 16.
- Power transmission. R. A. Shartle. 2,310,124; Feb. 2.
- Power transmission. R. A. Shartle. 2,324,727; July 20.
- Power transmission. F. W. Slack. 2,324,732; July 20.
- Power transmission. H. F. Vickers. 2,313,404-6; Mar. 9.
- Power transmission. H. F. Vickers and K. R. Herman. 2,313,407; Mar. 9.
- Power transmission and control means therefor. G. R. Pennington. 2,314,554; Mar. 23.
- Power transmission and steering control for traction devices. L. Zimmermann. 2,336,911-12; Dec. 14.
- Power transmission apparatus. V. Imperato. 2,326,948; Aug. 17.
- Power transmission apparatus. J. F. Schmidt. 2,334,221; Nov. 16.
- Power transmission, Automatic. H. Orner. 2,330,375; Sept. 28.
- Power transmission, Automatic. F. B. Porter. 2,311,691; Feb. 23.
- Power transmission, Automatic shift. G. A. Steven. 2,317,339; Apr. 20.
- Power transmission belt. R. Y. Case. 2,330,405; Sept. 28.
- Power transmission belt. C. B. Gudebrod. 2,327,104; Aug. 17.
- Power transmission belt. H. W. Kelly. 2,309,648; Feb. 2.
- Power transmission chain. H. G. Keller. 2,330,058; Sept. 21.
- Power transmission control, Motor vehicle. C. R. Paton. 2,317,216; Apr. 20.
- Power transmission device. J. E. Henningsen. 2,331,908; Oct. 19.
- Power transmission device element. W. R. Davis. 2,322,832; June 29.
- Power transmission, Fluid-drive. W. Reit. 2,319,706; May 18.
- Power transmission means. A. Frye. 2,329,601; Sept. 14.
- Power transmission mechanism. F. W. Avila. 2,320,116; May 25.
- Power transmission mechanism. H. Ernst and M. E. Martellotti. 2,320,353; June 1.
- Power transmission mechanism. V. S. Larionoff-Romanovsky. 2,309,911; Feb. 2.
- Power transmission mechanism. R. R. Rohkar. 2,334,958; Nov. 23.
- Power transmission mechanism. P. Whitcomb and H. S. Moore. 2,326,508; Aug. 10.
- Power transmission mechanism, Rotary. H. Sinclair. 2,320,758; June 1.
- Power transmission mechanism, Variable. P. B. Streich. 2,318,538; May 4.
- Power transmission mechanism, Variable speed. K. G. Dethridge. 2,320,854; June 1.
- Power transmission pump. W. W. Eckart. 2,330,565; Sept. 28.
- Power transmission system. A. C. Durdin, Jr. 2,308,868; Jan. 19.
- Power transmission system. C. A. H. Mulder. 2,315,486; Apr. 6.
- Power transmitting apparatus. R. L. Newton. 2,312,668; Mar. 2.
- Power transmitting coupling. F. L. White. 2,308,137; Jan. 12.
- Power transmitting device. G. E. Lundberg. 2,330,296; Sept. 28.
- Power transmitting mechanism. J. I. Blair and H. Imbt. 2,310,386; Feb. 9.
- Power transmitting mechanism. W. T. Dunn. 2,333,161; Nov. 2.
- Power unit. H. A. Hutchins. 2,312,552; Mar. 2.
- Power unit mounting for tandem rollers. C. F. Greiner and J. F. Harrison. 2,333,004; Oct. 26.
- Power unit, Variable-speed. L. A. Trofimov. 2,330,397; Sept. 28.
- Practice apparatus for card games. W. F. Shaw. 2,312,593; Mar. 2.
- Precipitation. R. W. Sullivan. 2,313,844; Mar. 16.
- Precipitator, Electrostatic. R. L. Lincoln. 2,333,431; Nov. 2.
- Precision gearing. F. X. Lamb. 2,313,444-5; Mar. 9.
- Precision machine tool. F. Turretini. 2,311,142; Feb. 16.

- Precooling contents of refrigerating cars. L. Adams. 2,323,439; July 6.
- Prefabricated building construction. C. R. Wilson. 2,331,752; Oct. 12.
- Prefabricated construction unit. C. W. Stone. 2,324,039; July 13.
- Pregnane compounds and process of making same, Saturated and unsaturated. K. Miescher and A. Wettstein. 2,323,274; June 29.
- Pregnane-diones, Substituted derivatives of saturated or unsaturated. T. Reichstein. 2,309,867; Feb. 2.
- Preframer control. Air. R. S. Cooper. 2,321,129; June 8.
- Prelouder for fluid operated devices. H. T. Kraft. 2,326,800; Aug. 10.
- Preparation and use of sugar reducing adsorbent. W. A. La Lande, Jr. 2,326,369; Aug. 10.
- Preparation of amides. M. Katzman and A. K. Epstein. 2,322,783; June 29.
- Preparation of betanaphthol. R. T. Dean. 2,305,653; Nov. 30.
- Preparation of biguanide, guanylurea, and their substitution products. R. P. Parker. 2,330,576; Sept. 28.
- Preparation of catalysts of hydrogenation. J. Zeltner. 2,326,275; Aug. 10.
- Preparation of coating compound from drying oil and phenol-aldehyde resins. C. H. Groff and W. W. Castor. 2,320,126; May 25.
- Preparation of composite fabric. J. E. Bludworth. 2,326,121; Aug. 10.
- Preparation of compounds of cerium. J. Blumenfeld. 2,327,092; Aug. 31.
- Preparation of secondary diamines. E. L. Martin. 2,331,782; Nov. 23.
- Preparation of disodium dibromohydroxymercurifluorescein. T. Schwarz. 2,325,703; Nov. 20.
- Preparation of free guanidine and biguanide bases. J. T. Thurston. 2,324,151; Nov. 9.
- Preparation of hydrogen substituted aminocyclophosphonic acid derivatives. H. Martin, R. Hirt, H. H. Zaeßlin, and A. Staub. 2,328,159; Aug. 31.
- Preparation of laminating fabric. W. Whitehead. 2,326,190; Aug. 10.
- Preparation of nitriles from primary alcohols. L. U. Spence, R. S. Washburne, and D. J. Butterbaugh. 2,337,422; Dec. 21.
- Preparation of nitriles from primary alcohols using catalysts containing silver. L. U. Spence, D. J. Butterbaugh, and F. W. Robinson. 2,337,421; Dec. 21.
- Preparation of resins for plugging formation. C. H. Mathis and C. Rampack. 2,307,843; Jan. 12.
- Preparation of straight chain hydroxy compounds having at least six carbon atoms. W. E. Hanford and R. S. Schreiber. 2,334,761; Nov. 23.
- Preparation of thermosetting resin. W. R. Collings, R. D. Freeman, and R. M. Upright. 2,336,672; Dec. 14.
- Preparation of 2-chlorobutene-2. A. A. Levine and O. W. Cass. 2,323,226; June 29.
- Preparation of 2,3 dichlorodioxane. W. P. Bitler and L. Nicholl. 2,327,855; Aug. 24.
- Preparation of 2,2,3-trichlorobutane. A. A. Levine and O. W. Cass. 2,323,227; June 29.
- Preparing alkylated hydrocarbons from normal paraffinic hydrocarbons. A. R. Goldsby and K. Korpi. 2,315,197; Mar. 30.
- Preparing therapeutically active substances. R. T. Major and H. T. Bonnett. 2,322,375; June 22.
- Preparing thuronium salts. L. Orthner, G. Balle, G. Dittus, and H. Wagner. 2,323,075; June 29.
- Preselected bottle dispenser. G. F. Forsthoefel and H. D. White. 2,332,214; Oct. 19.
- Preselector. E. J. Mastney. 2,316,270; Apr. 13.
- Preselector apparatus. H. F. Elliott. 2,311,649; Feb. 23.
- Preselector, Mechanical. E. J. Mastney. 2,307,285; Jan. 5.
- Preservatives, Producing wood. J. E. Harvey, Jr. Re. 22,393; Nov. 23.
- Preserver, Life. J. Norred. 2,316,101; Apr. 6.
- Preserving latex and products thereof. W. D. Stewart. 2,318,813; May 11.
- Preserving materials of the powdery or mealy type. E. H. Schwarz. 2,328,300; Aug. 31.
- Preset quantum and reset quantity counter. W. F. Berck 2,310,347; Feb. 9.
- Press: See—
- Automatic die press. Fluid-operated press.
- Baling press. Forging press.
- Blankholder press. Forming press.
- Blocking press. Fruit peel press.
- Book press. Gypsum press.
- Circular press. Gluing press.
- Cinch nut press. Heated press.
- Color printing press. High density press.
- Cupping press. Hydraulic circular press.
- Decorating press. Hydraulic forging press.
- Dehydrating press. Hydraulic press.
- Die spotting press. Hydronic pneumatic press.
- Drawing press. Knuckle joint press.
- Drum press. Liquid expressing press.
- Expeller press. Molding press.
- Expressing press.
- Extrusion press.
- Press: See—
- Multiple cylinder press. Sleeve press.
- Multiple spindle drill press. Slug producing press.
- Platen printing press. Testing press.
- Printing press. Textile ironing press.
- Proof press. Tire stripping vulcanizing press.
- Rotary printing press. Turret (type injection) press.
- Screen printing press. Two-color printing press.
- Shaft straightening press. Veneer press.
- Shoe press. Vertical injection press.
- Shoe sole press. Vulcanizing press.
- Sleeve ironing press. Window pick-up press.
- Press. M. H. Ballard. 2,317,432; Apr. 27.
- Press. F. A. Brandes. 2,310,890; Feb. 9.
- Press. J. W. Brundage. 2,324,818; July 20.
- Press. E. Cannon. 2,317,440; Apr. 27.
- Press. G. D. Cremer. 2,336,982; Dec. 14.
- Press. W. Ernst. 2,333,529; Nov. 2.
- Press. F. P. Hyde. 2,332,640; Oct. 26.
- Press. M. H. Lee. 2,307,594; Jan. 5.
- Press. B. J. Pierson. 2,307,333; Jan. 5.
- Press. W. A. Pryor. 2,336,637; Dec. 14.
- Press. R. Temple. 2,320,680; June 1.
- Press. T. Walters. 2,334,320; Nov. 16.
- Press and tandem control, Semi-power. F. A. Heldenfelder. 2,323,134; June 29.
- Press and the like. 2,308,712; Jan. 19.
- Press and tool structure for forming cavities in metal plates. W. Frey and P. Kreckel. 2,330,572; Sept. 28.
- Press control, Full automatic. W. R. Tucker. 2,316,471; Apr. 13.
- Press frame. A. Lefere. 2,314,148; Mar. 16.
- Press for cutting sheet metal. C. J. Rhodes. 2,315,454; Mar. 16.
- Press for forming tablets and the like. A. S. Kux. 2,325,687; Aug. 3.
- Press for making electrotype molds. G. W. Bungay. 2,313,023; Mar. 9.
- Press gids, Adjusting. P. E. Flowers. 2,336,351; Dec. 7.
- Press unit, Multiple. T. F. Stacy. 2,332,053; Oct. 19.
- Press unloader. F. W. Braun. 2,314,120; Mar. 16.
- Press unloader. K. C. Butterfield. 2,314,123; Mar. 16.
- Press welder construction. S. M. Humphrey and M. M. A. Seeloff. 2,313,941; Mar. 16.
- Press wheel for planters. M. A. West. 2,331,819; Oct. 12.
- Presser foot. O. Balzano. 2,326,818; Aug. 17.
- Presser foot mechanism. B. T. Leveque. 2,321,032; June 8.
- Presser, Pants. W. H. Ryan. 2,317,406; Apr. 27.
- Presses or the like, Electrical drive for wheel type. A. Walther. 2,335,467; Nov. 30.
- Presses, Maintaining register in multiunit. C. S. Crafts and C. V. Knell. 2,317,095; Apr. 20.
- Pressing and shaping machine, Shoe upper. J. F. Smith. 2,316,125; Apr. 6.
- Pressing and steaming iron, Combination. E. H. Bassett. 2,317,718; Apr. 27.
- Pressing and steaming iron, Combination. F. E. Wolcott. 2,309,427; Jan. 26.
- Pressing apparatus for plastic material. W. H. Emerson. 2,310,068; Feb. 2.
- Pressing clamp. L. C. Patterson. 2,308,205; Jan. 12.
- Pressing iron. S. Downings. 2,317,261; Apr. 20.
- Pressing iron. F. W. Kiddington and F. E. Finlayson. 2,322,593; June 22.
- Pressing machine. J. E. Erickson. 2,320,857; June 1.
- Pressing machine. S. Goldstein. 2,320,178; May 25.
- Pressing machine. P. J. and M. D. Galbreath. 2,312,157; Feb. 23.
- Pressing machine, Shoe. K. W. Macdonald. 2,317,151; Apr. 20.
- Pressing machine. O. H. Pearson. 2,328,229; Aug. 31.
- Pressing mechanism. R. Krasberg. 2,336,262; Dec. 7.
- Pressor composition and preparing it, Therapeutic. O. M. Helmer. 2,319,902; May 25.
- Pressure accumulator, Fluid. K. R. Herman. 2,324,701; July 20.
- Pressure-actuated electrical switch. F. Brandstrom. 2,335,639; Nov. 30.
- Pressure actuated switch. E. B. Davenport. 2,331,826; Oct. 12.
- Pressure actuated switch. E. Martin and T. E. Doherty. 2,335,073; Nov. 23.
- Pressure actuated switch mechanism. J. W. Hobbs. 2,337,195; Dec. 21.
- Pressure alkylation process. K. Korpi. 2,332,321; Oct. 19.
- Pressure alkylation reaction, High. H. G. Vesterdal. 2,326,585-6-7; Aug. 10.
- Pressure and flow regulator. D. Gregg. 2,316,416; Apr. 13.
- Pressure apparatus. M. Knight. 2,317,276; Apr. 20.
- Pressure apparatus. E. Orshansky, Jr. 2,315,076; Mar. 30.
- Pressure applying apparatus. J. S. Rodgers. 2,315,816; Apr. 6.
- Pressure balance plug valve. S. J. Nordstrom. 2,319,943; May 25.
- Pressure-bonded seed wrapper and making same. W. H. Wolf and P. P. Korn. 2,323,746; July 6.

- Pressure casting machine link mechanism. N. Lester. 2,309,460; Jan. 26.
- Pressure chamber. H. Pfeumer. 2,335,309; Nov. 30.
- Pressure container. J. O. Jackson. 2,333,792; Nov. 2.
- Pressure control apparatus. F. W. Oefelt. 2,307,330; Jan. 5.
- Pressure control device. G. Turco. 2,308,944; Jan. 19.
- Pressure control fitting. E. H. Bucknell and R. E. Bletcher. 2,314,071; Mar. 16.
- Pressure control for engines, Automatic. R. H. Bowman. 2,323,304; July 6.
- Pressure control for paper-folding machines. G. W. Schmidt. 2,335,970; Dec. 7.
- Pressure control system. D. Gregg and D. M. Lawrence. 2,309,064; Jan. 19.
- Pressure control system for aircraft cabins. N. C. Price. Re. 2,272; Feb. 16.
- Pressure control system, Intermittent. A. D. MacLean and F. Niesemann. 2,308,187; Jan. 12.
- Pressure control valve. C. R. Waseige. 2,320,686; June 1.
- Pressure controlled system. R. Bennett. 2,338,021; Dec. 28.
- Pressure controlling apparatus. W. H. Wineman. 2,337,582; Dec. 28.
- Pressure core taker. E. Babcock. 2,330,927; Sept. 28.
- Pressure cylinder. Printing machine. J. H. May. 2,324,631; July 20.
- Pressure element, Radiosonde. B. R. Shaw. 2,315,137; Mar. 30.
- Pressure fan, Segregated. W. H. Bretzlaff and C. P. Gaudin. 2,322,231; July 27.
- Pressure feeding attachment for tapping machines. G. E. Smith. 2,333,276; Nov. 2.
- Pressure fluid motor. E. G. Gartin. 2,312,367; Mar. 2.
- Pressure gauge. F. H. Hopkins. 2,312,716; Mar. 2.
- Pressure gauge. P. Kollman. 2,309,401; Jan. 26.
- Pressure gauge. I. E. Mather. 2,332,103; Oct. 19.
- Pressure gauge. F. G. Orland. 2,317,109; Apr. 20.
- Pressure gauge. G. L. Tawney and W. A. Johnson. 2,315,072; Apr. 6.
- Pressure indicating apparatus. C. S. Draper. J. H. Lancer, Jr. and Y. T. Li. 2,319,219; May 18.
- Pressure indicating method and apparatus. H. O. Elftman. 2,325,190; July 27.
- Pressure indicator for clothes wringers. T. J. Little, Jr. 2,323,872; July 6.
- Pressure mold and molding. E. D. Tillyer and H. E. Hassenzahl. 2,333,131; Nov. 2.
- Pressure operated device, Resilient diaphragm. F. W. Meredith. 2,319,011; May 11.
- Pressure operated tool connector. D. F. Geiger. 2,337,096; Dec. 21.
- Pressure producing apparatus. H. W. Beall. 2,335,474; Nov. 30.
- Pressure pump. J. Jorgensen. 2,318,782; May 11.
- Pressure pumping system, Dual. R. Rhoda. 2,315,656; Apr. 6.
- Pressure-recording instrument. E. S. L. Beale. 2,308,582; Jan. 19.
- Pressure reducing valve. C. B. Redrup. 2,322,468; June 22.
- Pressure regulating and relief valve, Combined. H. W. Carnes. 2,349,659; May 18.
- Pressure regulating valve for hydraulic brakes. E. H. Phon. 2,336,887; Dec. 14.
- Pressure regulation. C. C. Watson. 2,333,905; Nov. 9.
- Pressure regulator. J. Marshall. 2,316,445; Apr. 13.
- Pressure regulator. W. M. White. 2,308,135; Jan. 12.
- Pressure regulator. H. B. Wright. 2,323,888; July 13.
- Pressure regulator valve. J. P. Johnson. 2,326,462; Aug. 10.
- Pressure relay unit. J. R. Hartley. 2,308,923; Jan. 19.
- Pressure release valve, Automatically closing. R. W. Wright. 2,322,960; June 29.
- Pressure relief device. J. J. Vienneau. 2,337,361; Dec. 21.
- Pressure relief device for low pressure vessels. G. T. Bloom and J. G. Burnett. 2,320,211; May 25.
- Pressure relief valve. A. Rappl and E. C. Horton. 2,317,332; Apr. 20.
- Pressure resisting waterproof buoyant container. H. H. Lindley. 2,324,709; July 20.
- Pressure responsive device. P. J. Schwarzhaupt, K. A. Kilian, and L. A. Taylor. 2,310,261; Feb. 9.
- Pressure retaining device. F. H. Bunnell. 2,314,921; Mar. 30.
- Pressure sealed joint. A. W. Marburg. 2,330,130; Sept. 21.
- Pressure sealed wheel. C. Hollerith. 2,322,360; June 16.
- Pressure signaling apparatus. C. F. Risser. 2,331,571; Oct. 12.
- Pressure storage tank. J. O. Jackson. 2,313,997; Mar. 16.
- Pressure structure for shoe lasting machines. J. W. Barna. 2,324,129; July 13.
- Pressure system. D. D. Dutter. 2,336,000; Dec. 7.
- Pressure system for liquid seal shaft packings and the like. C. Weissner. 2,328,698; Sept. 7.
- Pressure vessel and fabricating it. R. Stresau. Re. 2,251; Jan. 12.
- Pressure vessels and the like. Making. G. Raymond, M. D. Creech, and R. L. Feagles. 2,331,504; Oct. 12.
- Preventing rubber objects from sticking together and improving the quality and durability of raw rubber in a divided state. S. H. Bertram. 2,315,924; Apr. 6.
- Preventing skin drying of inks, varnishes, paints, etc. E. Edwards, Jr. 2,325,380; July 27.
- Pre-wet lasting machine. F. Dawson. 2,320,915; June 1.
- Price tag printing machine. F. Kohnle. 2,310,179; Feb. 2.
- Prime mover. F. A. Farrar. 2,327,409; Aug. 24.
- Prime mover. D. H. Killeffer. 2,328,463; Aug. 31.
- Primer assembly. H. L. Moat and P. D. Troxler. 2,330,232; Sept. 28.
- Primer for internal combustion motors. J. L. Osburn and W. H. Pain. 2,310,594; Feb. 9.
- Primer, Pump. P. E. Van Pelt. 2,329,495; Sept. 14.
- Priming device for pumps. A. P. Adney and B. D. Barton. 2,322,910; June 29.
- Priming oiler for centrifugal force feed lubrication. R. F. Onsrud. 2,332,747; Oct. 26.
- Printing tube. C. H. Walker. 2,317,653; Apr. 27.
- Print blanket washing apparatus. J. H. S. McMorris and M. E. Wood. 2,335,732; Nov. 30.
- Print drier. H. I. Nicholas. 2,309,527; Jan. 26.
- Print drier. A. Romero. 2,323,680; July 6.
- Printed signatures, Making. I. Gurwick. 2,324,834; July 20.
- Printer. Contact. C. F. Wolters and A. H. Tober. 2,336,063; Dec. 14.
- Printer, Facsimile page. C. W. Burcky. 2,312,316-17; Mar. 2.
- Printer, Photograph. A. L. Mayer. 2,335,189; Nov. 23.
- Printer, Projection. E. W. Kellogg. 2,314,406; Mar. 23.
- Printer, Stereographic. A. Ringer. 2,333,389; Nov. 2.
- Printer, Telegraph. E. P. Bancroft. 2,329,589; Sept. 14.
- Printer, Telegraph. C. J. Fitch and K. R. Schneider. 2,318,303; May 4.
- Printer, Telegraph. C. J. Fitch and K. R. Schneider. 2,323,388; July 6.
- Printer, Telegraph. C. J. Fitch and K. R. Schneider. 2,328,636; Sept. 7.
- Printer, Telegraph. L. M. Potts. 2,323,932; July 13.
- Printing. J. J. Ormond. 2,316,708; Apr. 13.
- Printing. J. J. Ormond. 2,320,744; June 1.
- Printing. A. Weiss. 2,312,357; June 8.
- Printing and article produced thereby. R. T. K. Cornwell, C. M. Rosser and J. A. Yourtee. 2,320,510; June 1.
- Printing and calculating machine. A. E. Davies. 2,332,304; Oct. 19.
- Printing and composition useful therein. A. E. Gessler and D. J. Bernard. 2,317,372; Apr. 27.
- Printing and ink therefor, Multicolor. F. E. Barmeler. 2,326,321; Aug. 10.
- Printing and signaling system, Unit transmitter. M. W. Muehler. 2,309,660; Feb. 2.
- Printing apparatus. M. A. Wells. 2,321,718; June 15.
- Printing composition. L. M. Ellis. 2,322,837; June 29.
- Printing composition. W. W. Trowell. 2,332,121; Oct. 19.
- Printing composition for fabrics and the resulting printed fabric. N. M. Bigelow and J. E. Cole. 2,335,905; Dec. 7.
- Printing control device. C. D. Lake. 2,325,959; Aug. 3.
- Printing device. L. T. Ash. 2,321,968; June 15.
- Printing device. J. W. Bryce. 2,307,108; Jan. 5.
- Printing device. W. J. Hanson. 2,337,814; Dec. 28.
- Printing device. W. A. Humphries. 2,314,828; Mar. 23.
- Printing device for weighing machines. A. Hahn. 2,320,592; June 1.
- Printing, Discharge. G. W. Seymour and G. C. Ward. 2,333,204; Nov. 2.
- Printing forms from colloids, Producing. J. Koch. 2,325,519; July 27.
- Printing forms, Inking. W. Hümmlchen. 2,310,788; Feb. 9.
- Printing ink. D. R. Erickson and P. J. Thoma. 2,309,580; Jan. 26.
- Printing, Intaglio. C. J. MacArthur. 2,322,530; June 22.
- Printing interpreter. R. W. Ritzert. 2,311,471; Feb. 16.
- Printing machine. E. E. Burroughs. 2,329,454; Sept. 14.
- Printing machine. F. E. Curtis. 2,333,844; Nov. 9.
- Printing machine. E. E. Dalton. 2,312,322; Mar. 2.
- Printing machine. W. I. Gaidelter and C. C. H. Hauger. 2,326,850; Aug. 17.
- Printing machine. W. F. Huck. 2,335,010; Nov. 23.
- Printing machine. W. F. Huck, F. Lamatsch, and F. Heller. 2,334,628; Nov. 16.
- Printing machine. R. Thomas. 2,328,861; Sept. 7.
- Printing machine, Display. R. S. Reid. 2,328,097; Aug. 31.
- Printing machine, Intaglio. W. F. Grupe. 2,333,172; Nov. 2.
- Printing machine, Unit, feed. H. E. Seeley. 2,331,351; Oct. 12.
- Printing machinery. A. Weiss. 2,321,342; June 8.
- Printing material. E. Bassist. 2,311,097; Feb. 23.
- Printing means. E. Bassist. 2,316,143; Apr. 13.
- Printing means. R. G. Chollar. 2,318,465; May 4.

- Printing mechanism. E. Buhler. 2,335,911; Dec. 7.
 Printing mechanism. B. H. Freedman. 2,307,033; Jan. 9.
 Printing mechanism. F. L. Fuller and H. S. Beattie. 2,322,638; Sept. 7.
 Printing mechanism. R. B. Johnson. 2,325,958; Aug. 3.
 Printing mechanism. H. L. Lambert. 2,331,331; Oct. 12.
 Printing mechanism. F. J. Maus and F. G. Nuxoll. 2,308,563; Jan. 19.
 Printing mechanism. A. W. Mills. 2,325,966; Aug. 3.
 Printing mechanism for accounting machines. W. A. Anderson. 2,308,907; Jan. 19.
 Printing member. O. R. Huggins. 2,325,135; July 27.
 Printing members. Making. J. J. Ormond. 2,319,944; May 25.
 Printing members. Making. J. J. Ormond. 2,322,510; June 22.
 Printing. Method and composition for use in. H. Stockmayer. 2,331,245; Oct. 5.
 Printing method and means. H. N. Durham. 2,319,853; May 25.
 Printing operations. Laydown for. H. Blaunhofer and J. Cahn. 2,334,745; Nov. 23.
 Printing paste. Rubber containing textile. D. M. Gans. 2,323,591; July 6.
 Printing paste. Textile. L. E. Anderson, Jr. 2,307,097; Jan. 5.
 Printing plate. W. C. Toland and E. Bassist. 2,318,848; Mar. 16.
 Printing plate clamp. P. L. Tollison and I. Tornberg. 2,320,762; June 1.
 Printing plate holder. S. J. Roesner. 2,310,547; Feb. 9.
 Printing plates. Preparation of. A. E. and J. Le Roy. 2,333,020; Oct. 26.
 Printing plates. Process and apparatus for making. J. H. Gibson. 2,331,772; Oct. 12.
 Printing press. C. S. Clarks. 2,316,935; Apr. 20.
 Printing press. W. F. Grupe. 2,321,298; July 13.
 Printing press. J. F. Hawley. 2,331,820; Nov. 23.
 Printing press. W. M. Kelly. 2,311,667; Feb. 23.
 Printing press and printing therewith. W. E. Grupe. 2,337,386; Dec. 21.
 Printing press dampening roll control. G. Goebel and E. A. Wilckens. 2,310,363; Feb. 9.
 Printing press inking means. J. C. Talbert. 2,331,637; Oct. 12.
 Printing process. W. Huber. 2,322,445; June 22.
 Printing process and apparatus. W. C. Ross. 2,328,586; Sept. 7.
 Printing process for color photography. B. Gaspár. 2,317,369; Apr. 27.
 Printing process. Textile. C. F. Miller. 2,336,365; Dec. 7.
 Printing roll and core support. Combination. B. L. Nunnally. 2,315,729; Apr. 6.
 Printingsurface selector control. W. E. Hamlin. 2,307,264; Jan. 5.
 Printing telegraph apparatus. H. L. Krum. 2,333,318; Nov. 2.
 Printing telegraph apparatus. W. Y. Lang. 2,318,168; May 4.
 Printing telegraph apparatus. C. A. Levin. 2,310,966-7; Feb. 16.
 Printing telegraph apparatus. C. A. Levin and C. W. Swan. 2,329,206; Sept. 14.
 Printing telegraph apparatus. J. W. Long and G. I. Roberts. 2,329,278; Sept. 14.
 Printing telegraph apparatus. A. H. Reiber. 2,329,652; Sept. 14.
 Printing telegraph apparatus. A. H. Reiber. 2,335,310; Nov. 30.
 Printing telegraph apparatus. C. W. Swan. 2,308,554; Jan. 19.
 Printing telegraph apparatus. C. W. Swan. 2,318,026; May 4.
 Printing telegraph apparatus. K. A. Sylvester. 2,310,129; Feb. 2.
 Printing telegraph apparatus. W. J. Zenner. 2,323,959; July 13.
 Printing telegraph apparatus. W. J. Zenner. 2,331,952; Oct. 19.
 Printing telegraph system. J. B. Moore and R. E. Mathes. Re. 22,394; Nov. 23.
 Prints. Drying. H. J. Brunk. 2,328,781; Sept. 7.
 Prints obtained by photographic bleaching. Process for stabilizing. A. Polgar and C. Halmos. 2,319,344; May 18.
 Prismatic system. R. Noske. 2,309,268; Jan. 26.
 Private branch exchange system. H. M. Bascom and F. R. Lamberty. 2,327,851; Aug. 24.
 Process and agent for breaking petroleum emulsions. B. A. Salathiel. 2,312,731-5; Mar. 2.
 Process and apparatus for catalytic conversion. I. I. Shultz. 2,327,746; Aug. 24.
 Process and apparatus for grading and for coating with comminuted material. N. E. Oglesby. 2,328,577; Sept. 7.
 Process and apparatus for metallurgical reduction; C. Tiegtig. 2,313,457; Mar. 9.
 Process and apparatus for polymerization. B. M. Marks. 2,325,067; July 27.
 Process and apparatus for sanitizing glassware. G. A. Mengle. 2,321,152; June 8.
 Process and apparatus for the manufacture of cardboard boxes for packing of eggs, fruit, and the like. P. E. V. Jacobsen. 2,313,200; Mar. 9.
 Process and apparatus for the preparation of rubber compounds. A. Hale. 2,319,559; May 25.
 Process and apparatus for the treatment of fluids. A. G. Sahuers. 2,313,494; Mar. 9.
 Process and apparatus for treating foodstuffs. F. N. Peters. 2,324,874; July 20.
 Process and apparatus for winding. C. Ribavaro. 2,335,965; Dec. 7.
 Process and article for use in the manufacture of combined picture and sound films. W. Michaelis. 2,320,005; May 25.
 Process and composition for treatment of emulsions. C. H. M. Roberts. 2,319,885; May 25.
 Process and device for the representation of objects. F. Kroner. 2,311,946; Feb. 23.
 Process and machine for the manufacture of envelopes of paper or similar material. A. Winkler, M. Dünnebier, and K. Gelpke. 2,332,544; Oct. 26.
 Process and material for printing photographic images. W. Michaelis. 2,331,392; Oct. 12.
 Process and material for thickening latex and like materials. G. Mack. 2,326,956; Aug. 17.
 Process and product. P. R. Austin and C. E. Frank. 2,323,111; June 29.
 Process for dehydration. A. Schafnsma. 2,324,240; July 13.
 Process for gas separation. G. T. Felbeck. 2,321,666; June 15.
 Process for plugging formations. C. H. Mathis and C. Rampaek. 2,321,761; June 15.
 Process for purifying wort. H. O. Lindgren. 2,331,556; Oct. 12.
 Process for removing antimony from lead containing it. W. T. Monson, H. L. Humes, and R. P. E. Hermsdorf. 2,335,569; Nov. 30.
 Process for use in coating metal surfaces. A. E. Chester. 2,321,653; June 15.
 Process of and apparatus for conditioning metal bodies. J. H. Bucknam and A. J. Miller. 2,323,974; July 13.
 Process of and apparatus for conserving gas material. E. F. Vendall and H. C. Kornemann. 2,321,445; June 8.
 Process of and apparatus for separating gas mixtures. P. E. Rice. 2,327,459; Aug. 24.
 Process of and apparatus for working mineral materials and the like. C. J. Burch. 2,327,499; Aug. 24.
 Process of ornamentation. R. E. Pettit. 2,324,106; July 13.
 Process useful in blind flight training. O. C. Ocker. 2,322,770; June 29.
 Processing apparatus. L. A. McComb. 2,327,282; Aug. 17.
 Processing of materials. E. L. Wiegand. 2,328,240; Aug. 31.
 Producing dry products. Apparatus and method for. A. C. Beardslee. 2,336,461; Dec. 14.
 Producing thin threads from polyvinyl alcohol and its water-soluble derivatives. H. P. Schmitz. 2,322,976; June 29.
 Product and process. W. B. Plings. 2,335,608; Nov. 30.
 Product and synthesis thereof. J. C. Sauer. 2,323,938; July 13.
 Product produced from cellulose derivative material. Treating. A. G. S. Adlington. 2,310,272; Feb. 9.
 Production of a metarsenite. M. Le Duc. 2,319,777; May 25.
 Production of motor fuels. G. E. Schmitkons. 2,323,570; July 6.
 Production of motor fuels by alkylation. E. E. Stahly and E. M. Hixox. 2,322,482; June 22.
 Production of textile materials. R. R. Stizler. 2,325,153; July 27.
 Products permeable to the luminous rays and products obtained therefrom. Manufacture of decorated. P. M. Latrobe. 2,313,489; Mar. 9.
 Products rich in unsaturated hydrocarbons. Production of. M. Pler and E. Donath. 2,318,626; May 11.
 Profile grinding machine. J. W. Ekstedt. 2,331,381; Oct. 5.
 Profile milling machine. H. Horlacher. 2,330,890; Oct. 5.
 Profiling and contouring tracer. M. Turchan and C. Walker. 2,331,817; Oct. 12.
 Profilometer. A. Grauer. 2,316,951; Apr. 20.
 Progesterone. Manufacture of. B. Zondek and E. Bergmann. 2,314,185; Mar. 16.
 Program preselecting radio control unit. F. H. Owens. 2,337,568; Dec. 28.
 Projectile. G. N. Albree. 2,324,551; July 20.
 Projectile. G. N. Albree. 2,332,980; Oct. 26.
 Projectile. C. B. Farrell. 2,307,369; Jan. 5.
 Projectile. R. T. Hurley. 2,310,915; Feb. 9.
 Projectile. W. J. Landen. 2,326,147; Aug. 10.
 Projectile. W. T. Moore. 2,314,891; Mar. 30.
 Projectile. R. R. Studer. 2,322,751; June 29.
 Projectile. E. G. Whipple. 2,321,344-5; June 8.
 Projectile. E. G. Whipple. 2,327,950; Aug. 24.
 Projectile for firearms. G. N. Albree. 2,324,346; July 13.
 Projectiles. Heat treatment of. W. H. Soderholm. 2,325,079; July 27.
 Projectiles. Making. T. F. Werme. 2,336,143; Dec. 7.

- Projectiles, Vaned. J. Wauters. 2,315,145; Mar. 30.
 Projecting apparatus. I. B. Neff. 2,313,430; Mar. 9.
 Projection apparatus. E. E. Blaisdell. 2,332,691; Oct. 26.
 Projecting device. W. M. Cockburn. 2,328,616; Sept. 7.
 Projecting system for wooden or metallic coiling curtains of any model. A. Lombardi, A. Saponaro, and J. R. Saponaro. 2,323,612; July 6.
 Projection and observation apparatus, Stereoscopic. A. J. Keyzer. 2,307,276; Jan. 5.
 Projection apparatus. D. F. Newman. 2,317,476; Apr. 27.
 Projection apparatus. C. Waldeyer. 2,310,047; Feb. 2.
 Projection apparatus. C. W. Zwirn. 2,319,284; May 18.
 Projection device. J. J. Ormond. 2,317,550; Apr. 27.
 Projection kaleidoscope. W. C. Eddy. 2,329,112; Sept. 7.
 Projectometer. D. McLachlan, Jr. 2,332,391; Oct. 19.
 Projector. J. E. Bancroft. 2,310,273; Feb. 9.
 Projector. B. M. Bodde. 2,336,978; Dec. 14.
 Projector. K. W. Harper, A. A. Gradsir, and W. K. Armagost, and W. F. Peck. 2,330,709; Sept. 28.
 Projector. M. Lopez-Henriquez. 2,320,158; May 25.
 Projector and reproducer, Selective. F. von Madaler. 2,322,489; June 22.
 Projector and viewing screen. G. Lessman. 2,326,042; Aug. 3.
 Projector, Continuous. H. S. Bamford. 2,323,512-13; July 6.
 Projector device. F. Walter. 2,335,326; Nov. 30.
 Projector, Electric. B. Roger. 2,329,247; May 25.
 Projector, Light. S. C. Rogers. 2,327,820; Aug. 24.
 Projector, Motion picture. W. H. Hirschfeld. 2,315,703; Apr. 6.
 Projector shutter. R. W. Wengel. 2,328,239; Aug. 31.
 Projector, Sound motion picture. F. O. Calvin, W. G. Wilson, and T. R. Smith. 2,319,111; May 11.
 Projector, Synchronizing sound and picture sequence. Esser. 2,334,517; Nov. 16.
 Projector, Talking motion picture. S. K. Lackoff and H. Gordon. 2,322,369; June 22.
 Promoter, Method and product. E. F. Grether. 2,317,991; May 4.
 Proof press. E. O. and D. D. Vandercook. 2,319,961; May 25.
 Prop, Beef carcass. L. V. Novak. 2,324,717; July 20.
 Propellant powder. C. E. Silk. 2,335,804; Nov. 30.
 Propellant power process. C. E. Silk. 2,337,943; Dec. 28.
 Propeller. M. T. Adamchik. 2,337,861; Dec. 28.
 Propeller. J. Akins. 2,320,451; June 1.
 Propeller. W. W. Everts. 2,324,569; July 20.
 Propeller. P. F. Hackethal. 2,336,012; Dec. 7.
 Propeller. F. Lefel. 2,312,254; Feb. 23.
 Propeller. M. R. Mullen. 2,307,849; Jan. 12.
 Propeller, Adjustable pitch. A. Hepperle. 2,309,899; Feb. 2.
 Propeller, Adjustable pitch. C. B. Jamison. 2,328,722; Sept. 7.
 Propeller adjustment device for marine motors. W. L. Gee. 2,308,749; Jan. 19.
 Propeller, Aircraft. C. Keller. 2,318,233; May 4.
 Propeller, Aircraft. M. M. Sensenich. 2,312,219; Feb. 23.
 Propeller, Airplane. C. J. Gentry. 2,321,668; June 15.
 Propeller, Airplane. W. Martino. 2,322,763; June 29.
 Propeller and actuating mechanism therefor, Airplane. A. C. Rindfleisch. 2,320,795; May 25.
 Propeller blade fairing. E. Martin. 2,309,466; Jan. 26.
 Propeller blade mounting. J. E. Anderson. 2,315,574; Apr. 6.
 Propeller blade pitch control mechanism. E. Martinovsky. 2,307,630; Jan. 5.
 Propeller blades, Manufacture of. G. T. Lampton. 2,328,348; Aug. 31.
 Propeller control, Variable pitch. J. H. Hammond, Jr. 2,307,040; Jan. 5.
 Propeller, Controllable pitch. P. R. Lea. 2,316,438; Apr. 13.
 Propeller, Controllable pitch aeronautical. F. W. Caldwell, E. Martin, and J. E. Anderson. 2,308,488; Jan. 19.
 Propeller controlled by wake, Variable pitch. J. H. Hammond, Jr. 2,307,039; Jan. 5.
 Propeller, Counterrotating. F. W. Caldwell. 2,312,624; Mar. 2.
 Propeller drive, Aircraft. P. E. Mercier. 2,322,247; June 22.
 Propeller fairing. W. D. Goodman. 2,329,606; Sept. 14.
 Propeller friction test tool. L. G. Cox. 2,337,546; Dec. 28.
 Propeller having an automatically variable pitch. D. Sensaud de Lavaud. 2,313,326; Mar. 9.
 Propeller, Helical marine. E. A. F. Presser. 2,327,453; Aug. 24.
 Propeller, Helicopter. G. A. Bess. 2,307,381; Jan. 5.
 Propeller hub, Aircraft. E. G. McCauley. 2,317,629; Apr. 27.
 Propeller hub and rudder post construction. E. V. Rip-pingille. 2,316,022; Apr. 6.
 Propeller manufacture. W. J. Blanchard. 2,326,430; Aug. 10.
 Propeller mechanism. W. J. Blanchard and C. S. J. Mac-Neil. 2,307,101-2; Jan. 5.
 Propeller mechanism for barges, scows, etc., Outboard. W. F. Mathewson. 2,335,597; Nov. 30.
 Propeller, Molded. R. W. Devore and B. H. Young. 2,335,394; Nov. 30.
 Propeller nut hanger. J. H. MacDonald. 2,323,614; July 6.
 Propeller pitch changing mechanism. E. Martin and J. E. Anderson. 2,332,452; Oct. 19.
 Propeller sailboat machine. J. Casiple. 2,326,757; Aug. 17.
 Propeller shaft connection. P. P. Newcomb. 2,328,576; Sept. 7.
 Propeller, Silent. E. J. Prucha. 2,333,555; Nov. 2.
 Propeller spinner. H. G. Junger. 2,336,256; Dec. 7.
 Propeller transfer bearing. W. S. Hoover. 2,318,929; May 11.
 Propeller, Variable pitch. E. Linehan. 2,315,213; Mar. 30.
 Propeller, Variable pitch. C. S. Williams. 2,316,482; Apr. 13.
 Propelling and steering means, Torpedo. C. T. Petkoff. 2,340,111; Oct. 5.
 Propelling apparatus for watercraft. N. A. Thompson. 2,321,531; June 8.
 Propelling attachment. J. Sedore and A. A. Smith. 2,309,793; Feb. 2.
 Propelling device. E. F. Pels. 2,312,976; Mar. 2.
 Propellers, Making hollow. E. H. Harmon. 2,312,094; Feb. 23.
 Propellers, Making hollow. G. D. Welty. 2,312,095; Feb. 23.
 Prophylactic sheath package. F. G. Karg. 2,332,857; Oct. 26.
 Propionitrile Production of. C. J. Winaus. 2,334,140; Nov. 9.
 Proportional chemical feeder. C. T. McGill. 2,323,341; July 13.
 Proportional feeder. J. B. Wade. 2,323,950; July 13.
 Proportional mixer. E. J. Haedike. 2,321,483; June 8.
 Proportioner, Pressure. L. W. Boerner and F. J. Hogen-miller. 2,327,335; Aug. 24.
 Propulsion apparatus. A. H. and F. J. Harvey. 2,331,073; Oct. 5.
 Propulsion mechanism. P. De Michelis. 2,310,220; Feb. 9.
 Prosthetic articles by electrodeposition of metals, Mak-ing. C. A. J. Landry. 2,335,774; Nov. 30.
 Protected safety valve. J. J. McBride. 2,335,829; Nov. 30.
 Protecting device. J. Peterson and F. A. Weigel. 2,324,875; July 20.
 Protecting device for ships and other structures subject to enemy attack. J. M. Olasz. 2,337,165; Dec. 21.
 Protecting device, Safe or vault. H. H. Podjus. 2,319,473; May 18.
 Protection device, Contact. A. M. Curtis. 2,313,809; Mar. 16.
 Protection for bias filter condensers. J. E. Baudino. 2,310,054; Feb. 2.
 Protection of alternating current electric power systems. P. H. Light. 2,326,149; Aug. 10.
 Protection outfit, Fire. E. L. Wheeler. 2,331,283; Oct. 12.
 Protective armor. B. C. Nelson. 2,321,039; June 8.
 Protective arrangement. C. R. Mason and P. E. Benner. 2,335,583; Nov. 30.
 Protective arrangement. A. R. van C. Warrington. 2,309,487; Jan. 26.
 Protective arrangement for high voltage systems. J. Jonas. 2,327,190; Aug. 17.
 Protective cap. W. E. Dandy. 2,333,987; Nov. 9.
 Protective circuit. C. P. Clare and C. W. Chillson. 2,322,114; June 15.
 Protective circuit. L. W. Foster. 2,311,376; Feb. 16.
 Protective circuit. E. F. Kurtz. 2,312,915; Mar. 2.
 Protective coating. I. C. Clare. 2,332,623; Oct. 26.
 Protective coating and manufacture therefor. L. M. Red-Hinger. 2,333,837; Nov. 9.
 Protective coatings. Testing. H. C. De Staebler. 2,322,228; June 22.
 Protective composition of matter for users of X-rays. E. O. King. 2,315,061; Mar. 30.
 Protective control system. G. E. King. 2,315,625; Apr. 6.
 Protective device. T. W. Collier. 2,315,245; Mar. 30.
 Protective device. L. W. Cook. 2,320,811; June 1.
 Protective device. C. R. Craig. 2,314,346; Mar. 23.
 Protective device. C. R. Craig. 2,337,872; Dec. 28.
 Protective device. C. W. Kuhn and E. W. Seeger. 2,310,531; Feb. 9.
 Protective device. S. R. Smith, Jr., and C. R. Craig. 2,337,353; Dec. 21.
 Protective device for electrical apparatus. M. G. Leon-ard. 2,333,537; Nov. 2.
 Protective device for electrical apparatus systems. J. K. Hodnette and M. G. Leonard. 2,326,031; Aug. 3.
 Protective device for electrical conductors. N. D. Stoker. 2,337,781; Dec. 31.
 Protective device for oil lubricating systems. H. H. Brown. 2,313,121; Mar. 9.
 Protective device for series capacitors. R. E. Marbury and W. E. Berkey. 2,323,720; July 6.

- Protective hat. W. P. Yant. 2,312,227; Feb. 23.
 Protective pilot wire control system. R. K. Longwell. 2,337,860; Dec. 28.
 Protective relay system. Current responsive. P. N. Sandstrom. 2,316,289; Apr. 13.
 Protective relaying with discriminative reclosure. S. L. Goldsborough and R. M. Smith. 2,329,043; Sept. 7.
 Protective storage receptacle. I. Kamman. 2,327,798; Aug. 24.
 Protective system. A. E. Anderson. 2,309,433; Jan. 26.
 Protective system. S. B. Crary. 2,324,825; July 20.
 Protective system. A. J. McDonnell. 2,314,231; Mar. 16.
 Protective system. H. S. Ouden. 2,328,994; Sept. 7.
 Protective system. M. E. Reagan. 2,337,837; Dec. 28.
 Protective system. H. K. Summerhayes. 2,330,753; Feb. 9.
 Protective system. A. R. van C. Warrington. 2,315,198-71; Mar. 30.
 Protective system, Crossing. S. M. Nampa. 2,327,366; Aug. 24.
 Protective system for electrical apparatus. A. M. Lockie. 2,337,829; Dec. 28.
 Protective system for series capacitors. R. E. Marbury. 2,307,508; Jan. 5.
 Protective vision device. D. J. Crawford. 2,336,169; Dec. 14.
 Protector: See—
 Bath tub protector. Pick handle protector.
 Bomb lug protector. Pipe thread protector.
 Colostomy protector. Pocket facing protector.
 Condenser tube protector. Radiator protector.
 Corner protector. Sectional thread protector.
 Ear protector. Ship torpedo protector.
 Garment protector. Shirt protector.
 Hand protector. Shoe tip protector.
 Hose protector. Thread protector.
 Mattress protector. Vitreous seal protector.
 Necktie knot protector. Welding arc protector.
 Open hole joint protector. Wound clip protector.
 Protector. F. W. Livermont. 2,313,421; Nov. 16.
 Protector. C. M. O'Boyle. Re. 2,325; May 25.
 Protector cap. J. G. Baumgartner. 2,312,009; Feb. 23.
 Protector finger for loom. R. G. Turner. 2,316,473; Apr. 13.
 Protector for automobiles. Pneumatic. C. B. Strauch. 2,318,901; May 11.
 Protector for automobiles. Pneumatic. C. B. Strauch. 2,326,720; Aug. 10.
 Protector for drill pipes. J. C. Ballagh. 2,308,147; Jan. 12.
 Protector for drill stems. F. L. Haushalter and L. L. Hirschitz. 2,325,132; July 27.
 Protector for hair nets. Ear. E. Berg. 2,319,656; May 18.
 Protector for plants and the like. A. Miersen. 2,326,548; Aug. 10.
 Protector for rotary work. R. Malcom. 2,307,524; Jan. 5.
 Protector for toilet seats. R. G. Reeves. 2,312,589; Mar. 2.
 Protector mechanism for looms. G. C. Tarte. 2,325,286; July 27.
 Protein curd. Stabilized. F. C. Atwood. 2,312,467; Mar. 2.
 Protein materials. Hydrolyzing. F. C. Bersworth. 2,334,986; Nov. 23.
 Protein-modified aminotriazine-formaldehyde condensation products. G. F. D'Alleio. 2,315,402; Mar. 30.
 Protein plastics. Producing. G. H. Brother and L. L. McKinney. 2,309,380; Jan. 26.
 Protein products. Manufacturing. F. C. Atwood and W. Paterek. 2,320,165; May 25.
 Protein recovery. L. W. Bass and H. S. Oleott. 2,326,195; May 11.
 Protein. Treating. F. C. Bersworth. 2,318,046; May 4.
 Proteins. Hydrolyzing. F. C. Bersworth. 2,334,987; Nov. 23.
 Proteolytic bating composition. J. Pfannmuller and H. Schleich. 2,326,306; Aug. 10.
 Proteolytic enzyme process. E. F. Jansen and A. K. Balls. 2,313,875; Mar. 16.
 Protractor. F. H. Parks. 2,316,534; Apr. 13.
 Protractor. T. A. Schaefer. 2,316,189; Apr. 13.
 Protractor. Pipe. C. H. Lehman. 2,334,422; Nov. 16.
 Provitamin A extraction process. L. O. Buxton. 2,318,747; May 11.
 Pruning hook. E. Merkl. 2,312,766; Mar. 2.
 Pseudo steam puffing apparatus for toy trains. O. Bastiansen. 2,317,974; May 4.
 Psycho-galvanometer. J. L. Raessler. 2,308,933; Jan. 19.
 Psychrometer. J. Grapez. 2,326,124; Aug. 10.
 Pull block. E. G. Farvin. 2,333,387; Nov. 2.
 Pull line drum and mounting. W. W. Foster. 2,328,133; Aug. 31.
 Pull rod carrier. L. L. McDonald. 2,333,664; Nov. 9.
 Puller: See—
 Axle puller. Rod puller.
 Cylinder line puller. Tie puller.
 Explosion-type puller. Tobacco lath puller.
 Pulling over machine. E. A. Holmgren. 2,309,110; Jan. 26.
 Pulling over machine. E. A. Holmgren and H. B. Patten. 2,337,554; Dec. 28.
 Pulley drive. Variable speed. O. A. Olsen. 2,311,993; Feb. 23.
 Pulley. Self-aligning. R. F. Ilavaty. 2,334,768; Nov. 27.
 Pulley. Swinging duplex clothesline. J. C. Anderson. 2,323,052; July 13.
 Pulley. Tape tensioning. E. C. Gwaltney and G. B. Nutting. 2,329,159; Sept. 7.
 Pulley. Variable pitch. P. F. Koch. 2,326,468; Aug. 10.
 Pulley. Variable speed. J. D. Tyler. 2,321,438; June 8.
 Pulley or feed wheel. C. E. Buote. 2,337,308; Dec. 21.
 Pulp and hydrogenated products from lignocellulose, simultaneously manufacturing. E. C. Sherrard and E. E. Harris. 2,328,749; Sept. 7.
 Pulp article. Molded. G. S. Wood and R. A. Farnham. 2,319,960; May 25.
 Pulp heater. W. M. Nash. 2,336,798; Dec. 14.
 Pulp. Mixing and conditioning. E. J. Ellis and J. W. Pamplin. 2,330,875; Oct. 5.
 Pulp molding. C. J. Chaplin. 2,321,574; June 15.
 Pulp screen. N. M. Knight. 2,337,113; Dec. 21.
 Pulp screen and washer. C. Scheiding. 2,312,675; Mar. 2.
 Pulp waste liquor residues. Recovering by-products from. E. C. Goodell. 2,334,420; Nov. 16.
 Pulper and juicer. Vegetable. H. J. Crawford. 2,325,006; July 20.
 Pulsator for milking apparatus. R. W. Lemm. 2,333,019; Oct. 26.
 Pulse regenerator. J. O'D. Shepherd. 2,307,965; Jan. 12.
 Pulverized coal burner. H. W. Hendrix. 2,325,318; July 27.
 Pulverized fuel burner. R. C. Vroom. 2,325,442; July 27.
 Pulverizer. I. T. Miller. 2,309,326; Jan. 26.
 Pulverizer hammer. Renewable tip. L. T. Harris. 2,318,219; May 4.
 Pulverizer mill. E. E. Lynch. 2,318,175; May 4.
 Pulverizing and classifying machine. H. G. Lykken. 2,329,208; Sept. 14.
 Pulverizing mill. S. Johnson. 2,320,910; Sept. 21.
 Pulverizing mill. W. M. Sheldon. 2,319,192; May 11.
 Pulverizing mill control system. J. L. Laboulaie. 2,316,875; Apr. 20.
 Pulverizing system. M. Frisch. 2,335,853; Dec. 7.
 Pump: See—
 Acceleration pump. Portable engine-driven pump.
 Artery type rotary pump. Portable transmission pump.
 Automobile tire force pump. Positive displacement pump.
 Booster pump. Pressure pump.
 Bore hole pump. Radial hydraulic pump.
 Centrifugal pump. Railway journal lubricator pump.
 Collapsible handle hand pump. Reciprocating plunger pump.
 Constant flow pump. Rotary liquid pump.
 Deep well pump. Rotary oil pump.
 Diaphragm pump. Rotary vane pump.
 Differential pump. Rotating pump.
 Dredge pump. Self-priming pump.
 Electric fuel pump. Self-priming centrifugal mine pump.
 Engine-driven centrifugal pump. Sludge pump.
 Engine-driven pump. Slush pump.
 Fluid actuating pump. Stirrup pump.
 Fluid operated pump. Submerged double acting pump.
 Fuel injection pump. Submersible electrically driven pump.
 Fuel pump. Hydraulic pump.
 Gas lift pump. Hydraulic well pump.
 Gasoline pump. Injection pump.
 Gear pump. Intermittent gas lift pump.
 Hydraulic brake pump. Internal combustion engine with scavenging pump.
 Hydraulic pump. Jet pump.
 Injection pump. Metering pump.
 Intermittent gas lift pump. Oil well pump.
 Internal combustion engine with scavenging pump. Pneumatic drive fuel pump.
 Jet pump. Pump. F. R. Abbott. 2,336,764; Dec. 14.
 Metering pump. Pump. T. W. Adair. 2,312,228; Feb. 23.
 Oil well pump. Pump. F. C. Best and J. A. Lawler. 2,322,913; June 26.
 Pneumatic drive fuel pump. Pump. S. A. Brown and A. P. Ruth. 2,308,742; Jan. 19.
 Reciprocating plunger pump. Pump. K. G. Calaway. 2,309,339; Jan. 26.
 Rotary liquid pump. Pump. A. L. Collins. 2,325,477; July 27.
 Rotary oil pump. Pump. J. P. Damonte. 2,331,310; Oct. 12.
 Rotary vane pump. Pump. H. R. Ellinwood. 2,312,886; Mar. 2.
 Rotating pump. Pump. G. H. Garraway. 2,319,730; May 18.
 Self-priming pump. Pump. P. J. Gavin. 2,336,240; Dec. 7.
 Self-priming centrifugal mine pump. Pump. R. W. Glaser. 2,328,717; Sept. 7.
 Sludge pump. Pump. J. E. Hall. 2,309,597; Feb. 2.
 Slush pump. Pump. E. H. Herbert. 2,311,229; Feb. 16.
 Stirrup pump. Pump. H. Hornschuch. 2,329,373; Sept. 14.
 Submerged double acting pump.
 Submersible electrically driven pump.
 Suction pump.
 Vacuum condensation pump.
 Vacuum pressure pump.
 Vacuum pump.
 Vane pump.
 Variable displacement pump.
 Well pump.

- Pump. E. C. Horton. 2,313,239; Mar. 9.
 Pump. M. W. Huber. 2,337,821; Dec. 28.
 Pump. R. J. Jauch and R. H. Arnold. 2,310,178; Feb. 2.
 Pump. I. C. Jennings. 2,312,837; Mar. 2.
 Pump. W. A. Jones. 2,334,148; Nov. 9.
 Pump. R. L. Kent and J. N. Morris. 2,329,912; Sept. 21.
 Pump. J. A. Lauck. 2,312,655; Mar. 2.
 Pump. W. T. Livermore. 2,333,323; Nov. 2.
 Pump. L. S. Madlem. 2,321,498; June 8.
 Pump. D. L. Mapson. 2,332,187; Oct. 19.
 Pump. J. Mercier. 2,324,524; July 20.
 Pump. R. P. Miller. 2,313,836; Mar. 16.
 Pump. A. Rappel. 2,331,045; Oct. 5.
 Pump. A. Rappel and E. C. Horton. 2,324,023; July 13.
 Pump. L. C. Rotter, A. D. Reiser, V. G. Klein, and R. F. Schaefer. 2,333,045; Oct. 26.
 Pump. F. W. Ryan, Jr. 2,307,160; Jan. 5.
 Pump. F. E. Smith. 2,308,837; Jan. 19.
 Pump. E. A. Stalker. 2,314,058; Mar. 16.
 Pump. R. A. Swanson and T. F. Kelley. 2,332,411; Oct. 19.
 Pump. H. De W. Thompson. 2,326,902; Aug. 17.
 Pump. T. H. Thompson. 2,337,427; Dec. 21.
 Pump. G. J. Trapp and F. D. Footitt. 2,309,551; Jan. 26.
 Pump. W. F. Wesley. 2,314,745; Mar. 23.
 Pump. B. F. Williams. 2,324,610; July 20.
 Pump. F. C. Woelfer, Jr. 2,312,857; Mar. 2.
 Pump. E. A. Zadig. 2,334,525; Nov. 16.
 Pump. M. E. Zimmerman. 2,312,514; Mar. 2.
 Pump and motor, Balanced. G. A. Ungar. 2,319,374; May 18.
 Pump and valve assembly. E. F. Jirsa. 2,309,195; Jan. 26.
 Pump assemblage, Hydraulic. E. M. Pfauiser. 2,311,468; Feb. 16.
 Pump, compressor, or hydraulic motor. D. G. Jones. 2,312,417; Mar. 2.
 Pump construction. R. R. Curtis. 2,312,525; Mar. 2.
 Pump construction. F. J. Graef. 2,336,479; Dec. 14.
 Pump construction, Hydraulic. J. B. Hawley, Jr. 2,307,719; Jan. 5.
 Pump controller, Oil well. R. Tipton. 2,316,494; Apr. 13.
 Pump controlling mechanism. H. E. Adams. 2,317,091; Apr. 20.
 Pump drive. F. B. Drake. 2,327,962; Aug. 24.
 Pump for concrete and the like. J. H. Fitzgerald. 2,319,981; May 25.
 Pump for delivering liquids, Reciprocating. H. Trevasakis. 2,337,510; Dec. 21.
 Pump for evaporating systems. P. B. Sadtler. 2,313,269; Mar. 9.
 Pump for hydraulic systems. H. J. McGovern. 2,337,631; Dec. 28.
 Pump for injection engines. R. Marais. 2,326,958; Aug. 17.
 Pump for power lifted implements. C. E. Frudden. 2,332,629; Oct. 26.
 Pump illuminated dial, Gasoline dispensing. A. G. Horvath. 2,307,271; Jan. 5.
 Pump impeller balancing process, Centrifugal. P. H. Williams. 2,323,637; July 6.
 Pump jack. J. O. Andree. 2,311,504; Feb. 16.
 Pump jack. J. T. Phipps. 2,308,823; Jan. 19.
 Pump of the swash plate type. J. B. Hawley, Jr., C. G. Nathe, J. T. Gondek, and I. Nelson. 2,307,041; Jan. 5.
 Pump or analogous machine and skid base or support therefor, Portable. C. I. Longenecker. 2,308,699; Jan. 19.
 Pump or motor, Fluid. T. N. Haines. 2,318,386; May 4.
 Pump or motor for power transmission. K. R. Herman. 2,310,078; Feb. 2.
 Pump or motor, Hydraulic. R. K. Jeffrey. 2,331,694; Oct. 12.
 Pump-out equalizing valve. D. Hanes. 2,332,144; Oct. 19.
 Pump piston. J. M. Pratt. 2,336,803; Dec. 14.
 Pump piston packing. R. M. Magnuson. 2,312,430; Mar. 2.
 Pump rod shield. D. Erickson. 2,337,805; Dec. 28.
 Pump rotor manufacture. J. A. Lauck. 2,337,903; Dec. 28.
 Pump shaft bearing. L. Yost. 2,337,290; Dec. 21.
 Pump structure. J. J. Hennessy. 2,319,604; May 18.
 Pump structure. J. F. Hoffer. 2,310,370; Feb. 9.
 Pump structure for oil burners. R. E. Nest. 2,311,461; Feb. 16.
 Pump surfaces, Protection of. D. van der M. Haarhoff. 2,310,629; Feb. 9.
 Pump system. J. A. Boyd. 2,333,614; Nov. 2.
 Pump unit, Motor driven. A. R. Pezzillo. 2,312,848; Mar. 2.
 Pump valve. L. H. Gustafson. 2,335,245; Nov. 30.
 Pump valve. W. P. Valentine. 2,313,284; Mar. 9.
 Pump with mechanically actuated intake valve, Hydraulic. C. J. Coberly. 2,307,451; Jan. 5.
 Pumping apparatus. E. K. Knott. 2,314,281; Mar. 16.
 Pumping device. V. R. Abrams. 2,317,166; Apr. 20.
 Pumping gear unit. C. M. O'Leary. 2,325,874; Aug. 3.
 Pumping jack. J. B. Picard. 2,307,952; Jan. 19.
 Pumping of liquids. S. S. Allender. 2,315,179; Mar. 30.
 Pumping unit. H. H. Ingersoll. 2,326,260; Aug. 10.
 Pumping unit. G. A. Wahlmark. 2,309,683; Feb. 2.
 Pumping unit. G. A. Wahlmark. 2,309,803; Feb. 2.
 Pumping unit, Oil well. F. A. Gruetjen. 2,330,419; Sept. 28.
 Pumps. P. Dodge. 2,324,291; July 13.
 Pumps and the like, Controlling the operation of. C. L. Bristol. 2,336,526; Dec. 14.
 Punch. G. H. Dawson. 2,314,690; Mar. 23.
 Punch. A. W. Knudsen. 2,315,340; Mar. 30.
 Punch. C. V. St. Louis. 2,318,900; May 11.
 Punch. P. O. Unger. 2,335,552; Nov. 30.
 Punch. C. F. Wolters. 2,318,446; May 4.
 Punch and die. G. H. Miller. 2,317,791; Apr. 27.
 Punch and die mechanism. E. F. Shalla. 2,322,547; June 22.
 Punch, Aperturing. A. J. Kraus. 2,307,281; Jan. 5.
 Punch, Attendance recorder. L. S. Harrison. 2,330,971; Oct. 5.
 Punch board. R. H. Andrus. 2,322,216; June 22.
 Punchboard. O. L. Cartwright. 2,310,574; Feb. 9.
 Punchboard, Automatic. R. C. Walters. 2,314,743; Mar. 23.
 Punch device. W. E. Ingerson. 2,327,715; Aug. 24.
 Punch mounting. J. A. Smith. 2,323,756; July 6.
 Punch press. F. H. Leslie. 2,314,886; Mar. 30.
 Punch press, High speed. G. B. Scheffey. 2,318,107; May 4.
 Punch press tool. P. G. Cox, J. T. Black, and G. C. Fricke. 2,319,766; May 15.
 Punching machine. O. P. Haegle and O. Wack. 2,315,256; Mar. 30.
 Punching apparatus. G. F. Wales. 2,334,138; Nov. 9.
 Punching device. G. F. Wales. 2,319,568; May 18.
 Punching device. G. F. Wales. 2,323,431; July 6.
 Punching device. G. F. Wales. 2,329,020; Sept. 7.
 Punching machine. C. D. Lake and E. E. Hamilton. 2,323,664; July 7.
 Punching machine. W. L. Lewis and E. W. Gardiner. 2,335,949; Dec. 7.
 Punching machine. H. H. Woodruff. 2,307,177; Jan. 5.
 Punching mechanism. K. J. Braun. 2,323,790; July 6.
 Punching tie plates, Method and apparatus for. M. L. Cantrell and O. A. Hed. 2,332,499; Oct. 26.
 Puncture-sealing pneumatic tube. E. T. Wyman. 2,325,354; July 27.
 Puncturing device. Can. W. E. Snowden. 2,320,160; May 25.
 Pupillary scale. W. R. Hearn. 2,326,030; Aug. 3.
 Puppet for stop-motion photography and anchoring means therefor. A. H. Cohen. 2,336,467; Dec. 14.
 Puppet show. E. T. and E. P. Wolff. 2,327,234; Aug. 17.
 Purg system for refrigerative circuits. W. E. Zieber. 2,321,964; Jan. 15.
 Purification and drying of chlorine gas. I. R. McHaffie. 2,318,512; May 4.
 Purification device for liquids. R. Poracchia. 2,308,230; Jan. 12.
 Purification of alpha chloroacrylic compounds preliminary to polymerization. J. W. C. Crawford and N. McLeish. 2,314,443; Mar. 23.
 Purification of partially oxidized styrene by treating with sodium bisulphite. E. C. Britton and W. J. Le Fevre. 2,318,742; May 11.
 Purification, water. C. L. Baker and C. H. Dedrick. 2,310,009; Feb. 2.
 Purifier, Smoke. F. H. Cullen. 2,307,573; Jan. 5.
 Purse, Lady's. M. C. Smith. 2,317,820; Apr. 27.
 Purse seine. C. Ljubetich, D. Ljubetich, F. Boskovich, and A. Joncich. 2,310,702; Feb. 9.
 Push bottom device. W. Mahnkens. 2,320,628; June 1.
 Push car. H. S. Brown and G. E. Thomson. 2,311,205; Feb. 16.
 Push grader. R. G. Le Tourneau. 2,311,553; Feb. 16.
 Push-pull amplifying systems for ultra-high frequencies. A. van der Ziel and M. J. O. Strutt. 2,335,820; Nov. 30.
 Push-pull switch. D. W. Johnson. 2,335,283; Nov. 30.
 Pusher. S. B. Martin. 2,323,067; June 29.
 Pusher, Grooved rod. J. H. Abramson and E. C. Swanson. 2,327,616; Aug. 24.
 Pusher, Stock. G. F. Zezula. 2,323,889; July 13.
 Putter, Golfer's. R. Ruemelin. 2,321,773; June 15.
 Puzzle. F. P. Davis. 2,324,566; July 20.
 Puzzle. H. W. Hutchison. 2,317,273; Apr. 20.
 Puzzle. F. B. Monroe and E. C. Whittemore. 2,333,731; Nov. 9.
 Pyrazolone coupler for color photography. H. D. Porter and A. Weissberger. 2,311,082; Feb. 16.
 Pyrethrum activated and stabilized with polyetheramides. W. F. Hester. 2,323,658; July 6.
 Pyridine, Continuous recovery of. J. W. Schutt. 2,311,134; Feb. 16.
 Pyrimidine compound. R. R. Williams and J. K. Cline. 2,328,595; Sept. 7.
 Pyrimidine compounds. R. R. Williams and J. K. Cline. 2,336,825-6; Dec. 14.
 Pyrimidine compounds, Making. D. Price, E. L. May, and F. D. Pickel. 2,330,380; Sept. 28.
 Pyrolysis of diphenyl ethane compounds. R. R. Dreisbach. 2,334,415; Jan. 12.
 Pyrometer. A. W. Diack. 2,335,999; Dec. 7.
 Quartz and other acidic minerals, Flotation of. S. A. Falconer and S. E. Erickson. 2,307,397; Jan. 5.

- Quartz, Examining. J. F. Eckert, Jr. 2,328,968; Sept. 7.
- Quaternary ammonium compounds. F. Leuchs. 2,336,179; Dec. 7.
- Quaternary indole derivatives and their manufacture. C. Engel and K. Pfleider. 2,329,589; June 1.
- Quencher. Arc. R. R. Putnam. 2,332,399; Oct. 19.
- Quenching device. S. Malke. 2,367,694; Jan. 5.
- Quenching of metals. C. G. zur Horst, B. B. Wescott, and L. W. Vollmer. 2,327,383; Aug. 24.
- Quick acting clamp. R. D. Robertson. 2,322,471; June 22.
- Quick action pipe wrench. G. P. Vautrot. 2,319,647; May 18.
- Quick adjustable clamp. E. A. Camburn. 2,312,955; Mar. 2.
- Quick adjustable engine stand. J. H. Staley. 2,333,450; Nov. 2.
- Quick-break disconnect switch. W. O. Schultz and A. G. Steinhayer. 2,317,118; Apr. 20.
- Quick-change device. V. Gray. 2,320,360; June 1.
- Quick detachable coupling. G. Geradsen. 2,320,965; June 1.
- Quick disconnect coupling. G. H. Hufferd. 2,333,423; Nov. 2.
- Quick disconnect coupling. A. Townhill and S. Csaszar. 2,333,496; Nov. 2.
- Quicklime, Preserving. N. Wiselwood. 2,323,435; July 6.
- Quick release control rod. J. Martin. 2,328,988; Sept. 7.
- Quick release gun holder. A. Smith. 2,316,995; Apr. 20.
- Quick-setting duplex tool-holder. J. Lipanl. 2,333,021; Oct. 26.
- Quilting frame. J. J. Meyer and F. A. Jones. 2,318,877; May 11.
- Racine means for multiple hearth furnaces. W. S. Martin. 2,332,387; Oct. 19.
- Race track. F. E. Thomas. 2,331,656; Nov. 16.
- Racemica-hydroxy- β , β -dimethyl-gamma butyrolactone esters, and salts thereof. J. Flakelstein. 2,328,000; Aug. 31.
- Rack: See—
- Adjustable rack. Floor rack.
 - Article rack. Equipment rack.
 - Article supporting rack. Food broiler rack.
 - Barrel rack. Hinged finger adjustable pipe rack.
 - Bar stock rack. Hypodermic needle rack.
 - Bed rack. Lap storage rack.
 - Bicycle rack. Merchandising rack.
 - Bottle rack. Paint brush rack.
 - Chandelier rack. Roasting rack.
 - Clothes drying rack. Safety pipe rack.
 - Clothes rack. Saw rack.
 - Clothing rack. Spool rack.
 - Display rack. Storage rack.
 - Drum rack. Towel rack.
 - Drying rack.
- Rack. W. Thomas. 2,327,379; Aug. 24.
- Rack and divider therefor. Collapsible rack. G. R. Elde. 2,334,912; Nov. 23.
- Rack and pinion for excavating shovel handles. T. G. Gerow. 2,315,781; Apr. 6.
- Rack bars, Flame hardening of. A. Kullman and T. A. Waltz. 2,312,839; Mar. 2.
- Rack for bombs, Practice. R. I. Markey. 2,333,262; Nov. 2.
- Rack for cartons of bottles or the like, Support. C. H. Kruea. 2,328,913; Sept. 7.
- Rack construction, Removable tray. S. Saul, Jr. 2,316,892; Apr. 20.
- Rack for drapes or the like, Display. A. Bersin and L. Samuels. 2,335,379; Nov. 30.
- Rack for incubators, Turning. C. A. Lindberg. 2,325,140; July 27.
- Rack for motor vehicles, Skl. C. C. Roumagne and A. K. Blodjer. 2,318,971; May 11.
- Rack or supporting structure. T. E. and R. A. Shaw. 2,322,748; June 29.
- Racket. K. Hetzel. 2,311,172; Feb. 16.
- Racket stringing device. R. A. Kausal and K. C. Kausal. 2,309,849; Feb. 2.
- Racket, Tennis. A. D. Andreaf. 2,318,916; May 11.
- Radial connecting rod. H. O. Eiane. 2,318,474; May 4.
- Radial cylinder motor and the like. D. G. Jones. 2,326,464; Aug. 10.
- Radial drill. W. G. Hoelscher. 2,330,426; Sept. 28.
- Radial drilling machine. V. Retterath. 2,310,870; Feb. 9.
- Radial fastener setting machine. A. R. Havener. 2,315,258; Mar. 30.
- Radial hydraulic pump. D. Johnston. 2,307,374; Jan. 5.
- Radiating fins and the like, Securing in place. L. T. Schakenbach. 2,329,944; Sept. 21.
- Radiating furnace. C. L. Spring. 2,313,370; Mar. 9.
- Radiation diaphragms for roentgen apparatus, Producing secondary. O. E. Frunk. 2,307,883; Jan. 12.
- Radiator air valve. W. Tuttle. 2,334,047; Nov. 9.
- Radiator arrangement. F. H. Brehob. 2,336,840; Dec. 14.
- Radiator construction. B. Splieth. 2,308,119; Jan. 12.
- Radiator core. A. B. Modine. 2,335,687; Nov. 30.
- Radiator core and making the same. S. Przybrowski. 2,307,298; Jan. 5.
- Radiator core tube. H. W. Case. 2,325,036; July 27.
- Radiator, Electric. L. F. Black. 2,329,693; Sept. 21.
- Radiator, Electromagnetic wave horn. M. Katzin. 2,317,364; Apr. 27.
- Radiator protector. J. Muhr. 2,311,457; Feb. 16.
- Radiator shield, Vehicle. M. Berman. 2,318,189; May 4.
- Radiator shutter construction. E. A. Blumenthal. 2,314,476; Mar. 23.
- Radiator system for refrigerator installations, Condensing. P. A. Siddell. 2,318,891; May 11.
- Radiator unit for hot air furnaces. S. Volk. 2,312,784; Mar. 2.
- Radio-acoustic apparatus. A. H. Turner. 2,311,491; Feb. 16.
- Radioactive unit and producing the same. A. Fischer. 2,326,631; Aug. 10.
- Radio aerial. W. E. Hann. 2,319,860; May 25.
- Radio amplifying circuit. R. De Cola. 2,334,670; Nov. 16.
- Radio antenna. R. A. Becwar. 2,321,272; June 8.
- Radio antenna, Portable. H. C. Lagerblade. 2,335,773; Nov. 30.
- Radio antenna system. M. Bruce. 2,313,046; Mar. 9.
- Radio apparatus. W. E. Cairnes. 2,315,315; Mar. 30.
- Radio apparatus. W. P. Lear. 2,309,323; Jan. 26.
- Radio apparatus. E. P. McDonald. 2,329,634; Sept. 14.
- Radio beacon and panoramic reception system. M. Wallace. 2,312,203; Feb. 23.
- Radio beacon, Directional. C. E. Granqvist. 2,309,063; Jan. 19.
- Radio beacon, Directional. A. H. Hermansson. 2,309,068; Jan. 19.
- Radio beacon, Directional. A. H. Hermansson. 2,310,079; Feb. 2.
- Radio beam training device. A. H. Delareuelle and H. Price. 2,326,766; Aug. 17.
- Radio cabinet. A. A. Scriven and M. B. Robbins. 2,307,807; Jan. 12.
- Radio clock. M. M. Gottlieb. 2,311,380; Feb. 16.
- Radio communication, Duplex. E. Gerhard. 2,311,435; Feb. 16.
- Radio communication system. H. O. Peterson. 2,329,784; Sept. 21.
- Radio communication system, Two-way. E. W. Herold. 2,333,719; Nov. 9.
- Radio communication systems, Control of fading in. A. I. Green. 2,310,196; Feb. 2.
- Radio compass. F. J. Hooven. 2,327,641; Aug. 24.
- Radio condenser and station selector, Combined. B. Fisher. 2,307,673; Jan. 5.
- Radio control apparatus. K. J. De Jong. 2,312,239; Feb. 23.
- Radio control apparatus. R. C. Marholz and A. W. Plensler. 2,330,833; Oct. 5.
- Radio control assembly. O. C. Koch. 2,312,650; Mar. 2.
- Radio control device. R. H. Packard. 2,333,119; Nov. 2.
- Radio control device, Automatic. R. W. Gudie. 2,312,247; Feb. 23.
- Radio control, Remote automatic. R. H. Hill. 2,320,867; June 1.
- Radio control system. E. F. McDonald, Jr. 2,307,329; Jan. 5.
- Radio director finder. E. J. Simon and E. J. Hefele. 2,318,338; May 4.
- Radio direction finder, Automatic. V. D. Landon. 2,314,093; Mar. 16.
- Radio direction finder, Self-orienting. D. S. Bond and W. L. Carlson. 2,314,029; Mar. 16.
- Radio direction finding means. H. Schuchardt and C. Lüdke. 2,308,936; Jan. 19.
- Radio direction finding system. F. E. Bartholy. 2,310,052; Feb. 2.
- Radio direction indicator, Automatic. W. P. Lear. 2,308,521; Jan. 19.
- Radio frequency induction heating apparatus. J. J. Morey. 2,328,225; Aug. 31.
- Radio frequency waves upon the inside of tubular conductors, Suppress. F. Tischer and H. J. R. von Baeyer. 2,332,952; Oct. 26.
- Radio tubes and radio tube bases, Apparatus for and method of assembling. P. V. Mathias and M. E. Mungel. 2,337,055-56; Dec. 21.
- Radiographic apparatus. A. J. Kizaur. 2,327,603; Aug. 24.
- Radio guidance system. J. A. Harshaw. 2,309,314; Jan. 26.
- Radio navigation system. D. S. Bond. 2,312,747; Mar. 2.
- Radio navigation system. W. P. Lear. 2,323,337; July 6.
- Radio navigator. L. A. Warner. 2,315,754-5; Apr. 6.
- Radio program sampler system. W. van B. Roberts. 2,335,540; Nov. 30.
- Radio range. D. G. C. Luck. 2,314,795; Mar. 23.
- Radio receiver. A. H. Cooper. 2,322,280; June 22.
- Radio receiver. A. L. Green. 2,308,280; Jan. 12.
- Radio receiver. M. Hobbs. 2,314,309; Mar. 16.
- Radio receiver. J. D. Holland. 2,314,785; Mar. 23.
- Radio receiver, Directional. H. C. Forbes. 2,313,231; Mar. 9.
- Radio receiver for horizontally polarized waves. H. C. Forbes. 2,320,124; May 25.
- Radio receiver muting circuit. E. O. Selby. 2,337,005; Dec. 14.
- Radio receiver time control. C. C. Gills. 2,335,114; Nov. 23.

- Radio receivers, Adjusting device for the tuning mechanism of. H. W. Rubinstein. 2,335,542; Nov. 30.
- Radio relaying system. H. O. Peterson. 2,311,467; Feb. 16.
- Radio receiving device. G. G. Roberts. 2,330,241; Sept. 28.
- Radio receiving system. R. E. Spencer. 2,323,630; July 6.
- Radio receiving system. A. L. Upton. 2,323,858; July 6.
- Radio shielded ignition apparatus. J. R. Frei. 2,312,757; Mar. 2.
- Radio signaling system. J. B. Careway, Jr. 2,321,651; June 15.
- Radio signals, Receiving. E. H. Armstrong. 2,318,137; May 4.
- Radio speaker unit support. E. O. Dumas. 2,315,896; Apr. 6.
- Radio system, Directional. W. P. Lear. 2,317,922; Apr. 6.
- Radio system, Short wave. C. W. Hansell. 2,312,835; Mar. 2.
- Radio transmission. F. Morawetz. 2,308,019; Jan. 12.
- Radio transmission, Two-wire. J. D. Booth and A. P. Back. 2,310,060; Feb. 2.
- Radio transmitter. R. B. Lincoln and A. G. Nekut. 2,335,523; Nov. 30.
- Radio transmitter. G. L. Usselman. 2,313,850; Mar. 16.
- Radio tube extractor. T. E. Casselberry. 2,322,220; June 22.
- Radio tuner, Push-button, multirange. A. Horowitz and J. Timmerman. 2,315,331; Mar. 30.
- Radio tuning apparatus. H. Z. Benton and L. P. Morris. 2,333,355; Nov. 2.
- Radiosonde box. B. R. Shaw. 2,315,333; Mar. 30.
- Radiosonde humidity element. B. R. Shaw. 2,315,277; Mar. 30.
- Raft launching device. T. W. Hooley, Jr. 2,316,431; Apr. 13.
- Raft, Life. D. B. Hains and C. J. Haines. 2,333,375; Nov. 2.
- Raft, Life. C. Hansen. 2,324,924; Nov. 23.
- Raft, Life. N. G. Margolin and W. P. Wells. 2,320,288; May 25.
- Rail anchor. C. G. Ericson. 2,331,314; Oct. 12.
- Rail bond. H. H. Febray. 2,318,604; May 11.
- Rail bond. F. C. Lavanack. 2,312,989; Mar. 2.
- Rail bond. E. P. Smith. 2,321,867; June 15.
- Rail bond and making the same. E. J. Sabol. 2,333,046; Oct. 26.
- Rail bond terminal. E. J. Sabol. 2,311,874; Feb. 23.
- Rail bond terminal. E. J. Sabol. 2,314,736; Mar. 23.
- Rail bond terminal pin. E. J. Sabol. 2,311,873; Feb. 23.
- Rail car. F. M. Gunn. 2,314,979; Mar. 30.
- Rail car. A. E. McKinnon. 2,327,069; June 29.
- Rail car. P. Parke. 2,309,665; Feb. 2.
- Rail car. R. M. Shaver. 2,335,459; Nov. 30.
- Rail clamp. W. H. Chidester. 2,324,134; July 13.
- Rail clamp. F. K. Holmsted. 2,320,868; June 1.
- Rail construction, Guard. W. S. Ferguson. 2,311,221; Feb. 16.
- Rail end suspension, Guard. W. S. Ferguson. 2,311,220; Feb. 16.
- Rail fastening. W. H. Chidester, and J. R. Snyder. 2,324,135; July 13.
- Rail fastening device, Elevator guide. S. B. Sanford. 2,321,106; June 8.
- Rail fastening tool. M. L. Cantrell and F. J. Shray. 2,312,026; Feb. 23.
- Rail flaw detector mechanism. G. L. Jones. 2,322,452; June 22.
- Rail, Highway guard. E. V. Camp. 2,313,220; Mar. 9.
- Rail insulator. Le R. M. Kubangh. 2,324,993; July 20.
- Rail joint. J. Farago. 2,316,849; Apr. 20.
- Rail joint. A. E. Hill. 2,313,034; Mar. 2.
- Railroad ballast reshaper and subgrade cleaner. H. W. Meese. 2,323,343; July 6.
- Railroad car coupler. E. A. Larsson. 2,320,619; June 1.
- Railroad car link and pin type coupler. W. E. Fiegle and H. Langham. 2,325,118; July 27.
- Railroad car truck. K. F. Nystrom and V. L. Green. 2,334,024; Nov. 9.
- Railroad cars, Truck side frame for. C. P. Astrom and J. H. Olson. 2,337,146; Dec. 21.
- Railroad crossing and switch construction. V. Theodius. 2,321,436; June 8.
- Railroad flatcar. K. F. Nystrom and J. A. Deppe. 2,312,119; Feb. 23.
- Railroad track construction. S. J. Reddick. 2,337,497; Dec. 21.
- Rail, Roadway guard. E. D. Sawyer. 2,336,038; Dec. 7.
- Rail turning machine. F. T. Peterson. 2,336,289; Dec. 7.
- Railway brake. P. B. Camp and H. E. Bartsch. 2,323,200; June 29.
- Railway brake beam. E. G. Busse. 2,319,440; May 18.
- Railway braking apparatus. H. L. Bone. 2,326,924; Aug. 17.
- Railway braking apparatus. J. W. Logan, Jr. 2,331,125; Oct. 5.
- Railway braking apparatus. C. S. Snively. 2,320,802; June 1.
- Railway car. O. Jabelmann. 2,318,863; May 11.
- Railway car. P. Parke. 2,312,847; Mar. 2.
- Railway car. N. A. Thunstrom. 2,310,497; Feb. 9.
- Railway car construction. G. G. Gilpin. 2,324,921; July 20.
- Railway car construction. P. Kass. 2,336,440; Dec. 7.
- Railway car construction. J. S. Swann. 2,329,013; Sept. 7.
- Railway car diaphragm construction. M. P. Blomberg. 2,337,081; Dec. 21.
- Railway car floor construction. M. F. Schmitz. 2,337,278; Dec. 21.
- Railway car generator control. E. E. Hewitt and C. M. Hine. 2,334,823; Nov. 23.
- Railway car grain door. J. M. Moon. 2,310,860; Feb. 9.
- Railway car hand brake. E. E. Van Cleave. 2,310,135; Feb. 2.
- Railway car hand brake. E. E. Van Cleave. 2,313,602; Mar. 9.
- Railway car side door. W. E. Bikle. 2,331,957; Oct. 19.
- Railway car structure. K. F. Nystrom. 2,309,606; Jan. 26.
- Railway car structure. K. F. Nystrom. 2,311,188; Feb. 16.
- Railway car structure. K. F. Nystrom. 2,319,471; May 18.
- Railway car truck. E. E. Adams and H. M. Pfleger. 2,334,644; Mar. 23.
- Railway car truck. J. G. Bower. 2,312,383; Mar. 2.
- Railway car truck. I. M. Chambers. 2,308,054; Jan. 12.
- Railway car truck. K. Edahl and C. J. Holland. 2,309,634; Feb. 2.
- Railway car truck. C. S. Johnston. 2,316,592; Apr. 13.
- Railway car truck. K. F. Nystrom and V. L. Green. 2,312,845; June 15.
- Railway car truck. J. A. Shafer. 2,333,893; Nov. 9.
- Railway control analyzer. I. W. Lichtenfels. 2,314,283; Mar. 16.
- Railway crossing signal. A. Lipa. 2,309,461; Jan. 26.
- Railway cross tie. M. V. Gearon. 2,336,608; Dec. 14.
- Railway dump car. C. F. Astrom. 2,337,147; Dec. 21.
- Railway frog body. C. W. Breed. 2,335,994; Dec. 7.
- Railway journal lubricator device. J. J. Hennessy. 2,311,390; Feb. 16.
- Railway journal lubricator pump. J. J. Hennessy. 2,331,835; Oct. 12.
- Railway journal lubricator structure. J. J. Hennessy. 2,327,040; Aug. 17.
- Railway mail handling apparatus. J. W. Owen. 2,330,992; Oct. 5.
- Railway motor frame. C. F. Jenkins and G. A. Moore. 2,323,662; July 6.
- Railway signaling apparatus. P. H. Crago. 2,324,912; July 20.
- Railway signaling apparatus. G. R. Pfasterer. 2,320,748; June 1.
- Railway signaling apparatus. H. S. Young. 2,312,059; Feb. 23.
- Railway signaling apparatus. H. S. Young. 2,316,929; Apr. 20.
- Railway signaling apparatus. H. S. Young. 2,318,551; May 4.
- Railway signaling system. O. S. Field. 2,313,468; Mar. 9.
- Railway signaling system. R. R. Kemmerer. 2,322,142; June 15.
- Railway signaling system. R. R. Kemmerer. 2,335,151; Nov. 23.
- Railway signaling system. E. W. Moore and J. W. Knapp. 2,313,475; Mar. 9.
- Railway signaling system. C. A. Pickell. 2,314,241; Mar. 16.
- Railway signaling system. C. E. Staples and H. G. Blosser. 2,332,874; Oct. 26.
- Railway signaling system. H. A. Thompson. 2,318,542; May 4.
- Railway signaling system. H. A. Thompson. 2,321,712; June 15.
- Railway sleeping car. P. Parke. 2,316,710; Apr. 13.
- Railway switch operating apparatus. H. L. Bone. 2,312,019; Feb. 23.
- Railway switch operating apparatus. H. L. Bone and E. G. Little. 2,337,636; Dec. 28.
- Railway switching system and apparatus. M. H. Loughridge. 2,323,062; June 29.
- Railway track circuit apparatus. G. W. Baughman. 2,307,444; Jan. 5.
- Railway track circuit apparatus. A. E. Dodd. 2,309,757; Feb. 2.
- Railway track circuit apparatus. A. E. Dodd. 2,311,034; Feb. 16.
- Railway track circuit apparatus. G. R. Pfasterer. 2,330,515; Sept. 28.
- Railway track liner. J. Clark. 2,328,194; Aug. 31.
- Railway track switch connecting mechanism. H. L. Bone. 2,309,746; Feb. 2.
- Railway traffic controlling apparatus. E. M. Allen. 2,315,034; Mar. 30.
- Railway traffic controlling apparatus. L. R. Allison. 2,312,303; Mar. 2.
- Railway traffic controlling apparatus. L. R. Allison and C. Volz. 2,336,766; Dec. 14.
- Railway traffic controlling apparatus. G. W. Baughman. 2,315,038; Mar. 30.
- Railway traffic controlling apparatus. R. K. Crooks. 2,326,622; Aug. 10.

- Railway traffic controlling apparatus. R. R. Kemmerer and C. E. Staples. 2,308,288; Jan. 12.
- Railway traffic controlling apparatus. R. R. Kemmerer. 2,316,961; Apr. 20.
- Railway traffic controlling apparatus. C. H. Lay. 2,325,057; Sept. 7.
- Railway traffic controlling apparatus. L. V. Lewis. 2,315,864; Apr. 6.
- Railway traffic controlling apparatus. R. A. McCann. 2,324,939; July 20.
- Railway traffic controlling apparatus. F. H. Nicholson and H. W. Brown. 2,313,887; Mar. 16.
- Railway traffic controlling apparatus. J. M. Polikan. 2,324,296; May 25.
- Railway traffic controlling apparatus. G. R. Pilsterer. 2,331,506; Nov. 16.
- Railway traffic controlling apparatus. W. P. Place. 2,312,050; Feb. 23.
- Railway traffic controlling apparatus. J. J. Vanhorn. 2,312,740; Mar. 2.
- Railway traffic controlling apparatus. J. J. van Horn. 2,318,545; May 4.
- Railway traffic controlling apparatus. J. J. Van Horn. 2,333,063; Nov. 9.
- Railway traffic controlling apparatus. H. A. Wallace. 2,315,677; Apr. 6.
- Railway traffic controlling apparatus. H. A. Wallace. 2,315,886; Apr. 6.
- Railway traffic controlling apparatus. H. A. Wallace. 2,331,253; Oct. 5.
- Railway traffic controlling apparatus. H. S. Young. 2,324,991; Aug. 17.
- Railway traffic controlling apparatus. H. S. Young. 2,331,262; Oct. 5.
- Railway truck. D. S. Barrows. 2,312,065; Feb. 23.
- Railway truck. K. P. Nyström, E. S. Beckette and V. L. Jensen. 2,319,923; May 18.
- Railway truck. J. C. Travilla, Jr. and E. C. Jackson. 2,309,265; Jan. 26.
- Railway truck. J. C. Travilla, Jr. and O. Jabelmann. 2,332,057; Oct. 26.
- Railway truck rocker centering device. J. C. Travilla, Jr. 2,309,244; Jan. 26.
- Railway truck structure. J. C. Travilla, Jr. and O. Jabelmann. 2,333,068; Oct. 26.
- Railway vehicle structure. J. C. Travilla and E. C. Jackson. 2,317,156; Apr. 20.
- Raincoat. T. F. Plant. 2,319,085; May 11.
- Raincoat. E. Welch. 2,321,116; June 8.
- Rake. C. F. Hess. 2,322,132; June 15.
- Rake. H. C. James. 2,316,168; Apr. 13.
- Rake. F. L. Kallal. 2,317,916; Apr. 27.
- Rake. C. H. Kaufman. 2,321,489; June 8.
- Rake. E. L. Roquin. 2,321,246; June 8.
- Rake. L. A. Seldomridge. 2,314,635; Mar. 23.
- Rake and cleaner for filter beds. C. E. Fraser. 2,335,749; Nov. 30.
- Rake and manufacture thereof. Lawm. E. L. Schmidt and J. L. Schwabe, Jr. 2,315,021; Mar. 30.
- Rake and stacker. Combination sweep. F. T. Roll. 2,336,390; Dec. 7.
- Rake and stacker. Combination sweep. J. M. Johnson. 2,323,605; July 6.
- Rake, Broad. D. Whittenberger. 2,313,691; Mar. 9.
- Rake driving mechanism for sedimentation tanks. C. H. Rake. 2,322,559; Sept. 14.
- Rake, Plow. C. B. Jensen. 2,337,108; Dec. 21.
- Rake, Push. O. B. Fetterman. 2,329,708; Sept. 21.
- Rake, Side delivery. H. Moschel, F. D. Jones, V. V. Mappin and M. E. McMillan. 2,333,117; Dec. 7.
- Rake, Sweep. S. E. Hillblom. 2,311,211; Mar. 16.
- Rake, Sweep. G. B. Hill. 2,322,295; June 22.
- Ram, Composite body valve. E. L. Lorehn and H. Allen. 2,331,557; Oct. 12.
- Ram construction for blowout preventers. G. E. Nevill and A. L. Leman. 2,318,882; May 11.
- Ram. Hydraulic. T. K. and T. Anderson. 2,330,802; Oct. 5.
- Ram, Press. W. Ernst. 2,328,438; Aug. 31.
- Range. A. H. Brodbeck. 2,327,761; Aug. 24.
- Range. W. H. Frick. 2,337,095; Dec. 21.
- Range. A. Karges. 2,330,495; Sept. 28.
- Range and depth of field finders for cameras. J. Mihalyi. 2,313,567; Mar. 9.
- Range construction. S. H. Hobson. 2,335,279; Nov. 30.
- Range controlled speed indicator. G. A. Mitchell. 2,311,769; Feb. 23.
- Range, Cooking. H. W. Taft. 2,321,167; June 8.
- Range finder. J. Steklík. 2,313,208; Mar. 9.
- Range finder. O. Wittel. 2,336,330; Dec. 7.
- Range-finder for measuring and indicating the distance between two points. B. R. Grace. 2,320,075; May 25.
- Range finder for photographers. W. B. F. Hall. 2,337,463; Dec. 21.
- Range-finder, height-finder, and the like. H. Murtagh. 2,311,187; Feb. 16.
- Range, Oil. H. M. Reeves. 2,313,089; Mar. 9.
- Range, Oil or gas fired cooking. E. Wenander. 2,335,093; Nov. 23.
- Range, Omnidirectional. D. G. C. Luck. 2,328,476; Aug. 31.
- Range surface unit. E. W. Beggs. 2,329,451; Sept. 14.
- Rapid change vehicle wheel. J. Spahn. 2,335,548; Nov. 30.
- Rapid inspection device. G. P. Stout. 2,331,277; Oct. 5.
- Rapid traverse mechanism for lathes. C. A. Bickel. 2,325,733; Aug. 3.
- Rat-hole swivel wrench. J. E. Reed. 2,321,245; June 8.
- Ratchet chuck. V. B. Novak. 2,333,549; Nov. 2.
- Ratchet mechanism. K. R. Larson and G. M. Walraven. 2,314,623; Mar. 23.
- Rate and attitude indicating instrument. J. Lyman and E. Norden. 2,309,553; Feb. 2.
- Rate and attitude indicating instrument. J. Lyman and E. Norden. 2,309,553; Feb. 2.
- Rate-exhibiting device for integrating meters. J. R. Hicks and P. A. Borden. 2,329,370; Sept. 14.
- Rate of climb indicator. J. E. Bevins. 2,327,394; Aug. 24.
- Rate of penetration indicator. S. T. Sikes, Jr. 2,330,752; Sept. 28.
- Rating the light speed of lenses. D. B. Clark and G. Lamb. 2,334,906; Nov. 23.
- Ratio control, Compression. W. M. Allison. 2,326,912; Aug. 17.
- Ratio controller for gas or fluid regulators. W. B. Coffee. 2,312,880; Mar. 2.
- Ratio regulator. G. R. Benz. 2,329,323; Sept. 14.
- Ratio transmission. Progressive speed. F. F. Lazaga. 2,309,942; Feb. 2.
- Ration book, stamps. Tearing guide for. H. D. Noel. 2,337,405; Dec. 21.
- Rayon and manufacturing same. I. P. Davis. 2,312,152; Feb. 23.
- Rayon cakes, Making and treating. H. Rubinstein. 2,313,268; Mar. 9.
- Ratio gear, Variable. J. A. Vaughan. 2,329,683; Sept. 14.
- Rayon manufacture. A. F. F. Mothwurf. 2,319,428; May 18.
- Rayon, Manufacture of. G. I. Thurmond and E. Brenner. 2,328,307; Aug. 31.
- Rayon, Manufacture of cuprammonium. W. H. Furness. 2,322,501; June 29.
- Rayon, Production of pattern effects on acetate. R. W. Hardacre. 2,330,707; Sept. 28.
- Razor. S. W. Bontwright. 2,321,895; June 15.
- Razor. O. H. Clarke. 2,325,662; Aug. 3.
- Razor. R. P. Harshberger. 2,319,815; May 25.
- Razor. N. A. Holsclaw. 2,323,659; July 6.
- Razor. H. L. Smith. 2,333,894; Nov. 9.
- Razor. G. L. Wildeboer. 2,323,745; July 6.
- Razor and blade, Safety. Z. Auerbach. 2,329,692; Sept. 21.
- Razor and blade, Safety. J. Muros. 2,335,875; Dec. 7.
- Razor and magazine, Safety. Z. Auerbach. 2,327,388; Aug. 24.
- Razor and protected blade, Safety. N. Testi. 2,311,913; Feb. 23.
- Razor and safety razor blade, Safety. Z. Auerbach. 2,335,472; Nov. 30.
- Razor and sharpening device, Combined. R. L. Burchett. 2,319,488; May 18.
- Razor and sharpening device, Combined. R. L. Burchett. 2,336,063; Dec. 7.
- Razor blade. H. J. Gaisman. 2,313,818; Mar. 16.
- Razor blade, Combination thereof, with razor guard, Safety. N. Testi and F. J. Lewando. 2,336,515; Dec. 14.
- Razor blade handle. E. H. Morrow. 2,325,868; Aug. 3.
- Razor blade holder. J. Nelson. 2,312,770; Mar. 2.
- Razor blade holder. J. Nelson. 2,336,281; Dec. 7.
- Razor blade-magazine and blade pack therefor. L. Kuhn. 2,310,180; Feb. 2.
- Razor blade receptacle. I. S. Bodkin. 2,319,761; May 18.
- Razor blade, Safety. N. Testi. 2,336,048; Dec. 7.
- Razor blade scraper. W. Frank. 2,308,162; Jan. 12.
- Razor blades, Packaging of. N. P. Billing. 2,321,570; June 15.
- Razor, Collapsible safety. D. C. Dillon, Jr. 2,325,751; Aug. 3.
- Razor, Electric. C. T. Breitenstein. 2,319,916; May 25.
- Razor, Electric. J. H. Rand, Jr. 2,336,638; Dec. 14.
- Razor, Electric. O. Thews. 2,331,873; Oct. 19.
- Razor, Electrically heated safety. M. M. Gravin. 2,324,148; July 13.
- Razor having adjustable guards, Safety. J.-B. II. Savary. 2,313,895; Mar. 16.
- Razor, Magazine. S. C. Stampleman and J. Muros. 2,318,974; May 11.
- Razor, Magazine safety. J. Muros and S. C. Stampleman. 2,334,833; Nov. 23.
- Razor, Mechanical. J. H. Rand, Jr. 2,315,274; Mar. 30.
- Razor, Mechanical. J. H. Rand, Jr. 2,331,500; Oct. 12.
- Razor, Motor driven. L. Olschewski. 2,333,437; Nov. 2.
- Razor, Safety. F. J. Ardner. 2,321,351; June 8.
- Razor, Safety. N. P. Billing. 2,321,571; June 15.
- Razor, Safety. W. E. Blunk. 2,324,555; July 20.
- Razor, Safety. E. L. Des Jardins. 2,319,980; May 25.
- Razor, Safety. B. H. Freedman. 2,326,774; Aug. 17.
- Razor, Safety. J. C. Friel. 2,337,595; Dec. 28.
- Razor, Safety. C. F. Gilford. 2,328,336; Aug. 31.
- Razor, Safety. A. F. Lundquist. 2,335,288; Nov. 30.
- Razor, Safety. F. J. Mehl. 2,323,881; July 6.
- Razor, Safety. F. J. Mehl. 2,327,363; Aug. 24.

- Razor, Safety. G. Monnet. 2,320,374; June 1.
 Razor, Safety. J. Muros and T. L. Smith. 2,311,957; Feb. 23.
 Razor, Safety. E. B. Nelson. 2,318,324; May 4.
 Razor, Safety. R. B. Nunnally. 2,320,154; May 25.
 Razor, Safety. J. W. O'Mealey. 2,325,794; Aug. 3.
 Razor, Safety. P. N. Peters. 2,327,967; Aug. 24.
 Razor, Safety. R. W. Sampson. 2,333,743; Nov. 9.
 Razor, Safety. R. H. Smith. 2,335,547; Nov. 30.
 Razor, Safety. C. Sobleskie. 2,322,476; June 22.
 Razor, Safety. F. P. Steinhauer. 2,328,752; Sept. 7.
 Razor, Safety. W. R. Swann. 2,309,549; Jan. 26.
 Razor, Safety. N. Testi. 2,312,503; Mar. 2.
 Razor, Safety. N. Testi. 2,314,564; Apr. 23.
 Razor, Safety. N. Testi. 2,315,990; Apr. 6.
 Razor, Safety. N. Testi. 2,336,047; Dec. 7.
 Razor, Safety. D. C. Wiseley. 2,319,361; May 18.
 Razor strop and retainer. Combined. H. Bowden. 2,331,370; Oct. 12.
 Razor, Two-way safety. C. D. Fisher. 2,327,032; Aug. 11.
 Razors, Guard for safety. W. M. Reynolds. 2,335,536; Nov. 30.
 Reaction methods. W. and N. Engel. 2,320,206; May 25.
 Reaction of hydrocarbon sulphonyl halides with alcohols. A. L. Fox. 2,319,121; May 11.
 Reaction product of a polymethylol melamine and a halogenated acetamide. G. F. D'Allelo. 2,321,586; June 15.
 Reaction product of aldehydes and bis-diazinyl carbazides. G. F. D'Allelo and J. W. Underwood. 2,328,962; Sept. 7.
 Reaction product of aldehydes and bis-triazinyl carbazides. G. F. D'Allelo and J. W. Underwood. 2,328,957; Sept. 7.
 Reaction product of aldehydes and diazine derivatives. G. F. D'Allelo. 2,312,693; Mar. 2.
 Reaction product of aldehydes and diazine derivatives. G. F. D'Allelo. 2,312,703; Mar. 2.
 Reaction product of aldehydes and diazine derivatives. G. F. D'Allelo. 2,312,705; Mar. 2.
 Reaction product of aldehydes and diazine derivatives. G. F. D'Allelo and J. W. Underwood. 2,312,689; Mar. 2.
 Reaction product of aldehydes and diazine derivatives. G. F. D'Allelo and J. W. Underwood. 2,328,964; Sept. 7.
 Reaction product of aldehydes and diazine derivatives. G. F. D'Allelo and J. W. Underwood. 2,337,547; Dec. 28.
 Reaction product of aldehydes and guanazo triazines. G. F. D'Allelo and J. W. Underwood. 2,313,321; Mar. 2.
 Reaction product of aldehydes and sulphamylarylamino triazines. G. F. D'Allelo. 2,312,697; Mar. 2.
 Reaction product of aldehydes and triazine derivatives. G. F. D'Allelo. 2,312,688; Mar. 2.
 Reaction product of aldehydes and triazine derivatives. G. F. D'Allelo. 2,312,690; Mar. 2.
 Reaction product of aldehydes and triazine derivatives. G. F. D'Allelo. 2,312,696; Mar. 2.
 Reaction product of aldehydes and triazine derivatives. G. F. D'Allelo. 2,312,702; Mar. 2.
 Reaction product of aldehydes and triazine derivatives. G. F. D'Allelo. 2,312,704; Mar. 2.
 Reaction product of aldehydes and triazine derivatives. G. F. D'Allelo. 2,324,827; July 20.
 Reaction product of aldehydes and triazine derivatives. G. F. D'Allelo and J. W. Underwood. 2,328,963; Sept. 7.
 Reaction product of an aldehyde and a biguanido carbocyclic sulphonamide. G. F. D'Allelo. 2,331,376; Oct. 12.
 Reaction products from sulphite cellulose waste liquor. Manufacture of. F. Vorsatz. 2,317,832; Apr. 27.
 Reaction products of aldehydes and bis-diamino triazinyl disulphides. G. F. D'Allelo and J. W. Underwood. 2,320,819; June 1.
 Reaction products of aldehydes and diazine derivatives. G. F. D'Allelo. 2,321,364; June 8.
 Reaction products of aldehydes and pyrimidine derivatives. G. F. D'Allelo and J. W. Underwood. 2,317,737; Apr. 27.
 Reaction products of aldehydes and pyrimidyl cyanoalkyl sulphides. G. F. D'Allelo and J. W. Underwood. 2,317,736; Apr. 27.
 Reaction products of aldehydes and triazine derivatives. G. F. D'Allelo and J. W. Underwood. 2,317,738; Apr. 27.
 Reaction products of aldehydes and triazine derivatives. G. F. D'Allelo and J. W. Underwood. 2,335,846; Dec. 7.
 Reaction products of aldehydes and triazinyl cyanoalkyl sulphides. G. F. D'Allelo and J. W. Underwood. 2,317,739; Apr. 27.
 Reaction propulsion engine. C. C. Sands. 2,335,134; Nov. 23.
 Reaction vessel. W. E. Hulsberg. 2,315,525; Apr. 6.
 Reactor. B. J. Flock. 2,317,449; Apr. 27.
 Reactor. E. G. Gaynor. 2,333,995; Nov. 9.
 Reactor. L. A. Mekler. 2,336,879; Dec. 14.
 Reactor. A. F. Mittermaier. 2,319,251; May 18.
 Reactor, Catalytic. H. R. Davis. 2,321,015; June 8.
 Reactor, Catalytic. L. C. Huff. 2,327,045; Aug. 17.
 Reactor, Inductive. E. O. Woodward. 2,316,928; Apr. 20.
 Reactor, Rotary. W. D. Yerrick and E. A. Lundstrom. 2,337,956; Dec. 28.
 Reactor, Valve operated variable. L. C. Stenning. 2,312,982; Mar. 2.
 Reader's aid and bookmark. A. J. Bailie. 2,319,436; Mar. 18.
 Reading apparatus. A. A. Kent. 2,325,324; July 27.
 Reading device. T. North and E. L. Mifflin, Jr. 2,337,567; Dec. 28.
 Reading instrument. L. C. Miller. 2,327,659; Aug. 24.
 Reading lamp. F. Frey. 2,336,677; Dec. 14.
 Reading machine. R. Place. 2,332,810; Oct. 26.
 Reading rack. H. C. Hopkins. 2,333,376; Nov. 2.
 Reagent for resolving emulsions, Process and. T. B. Wayne. 2,318,035; May 4.
 Reagent for resolving emulsions, Process and. T. B. Wayne. 2,321,056; June 8.
 Reagent for the treatment of liquids, Preparing a. O. M. Urbain. 2,309,365; Jan. 26.
 Reagents for the treatment of liquids, Preparation of. O. M. Urbain. 2,309,366; Jan. 26.
 Reamer. A. L. Romero. 2,330,242; Sept. 28.
 Reamer for all wells, Under. H. P. Miller. 2,328,735; Sept. 7.
 Reamer locking device. E. D. Kennedy. 2,310,584; Feb. 9.
 Rear deck lid lock. G. N. Harden. 2,333,861; Nov. 9.
 Rear underconstruction for vehicles. M. J. Konetsky. 2,312,255; Feb. 23.
 Rebreathing bag. F. L. Shelton. 2,321,256; June 8.
 Recapping and retreading mold. A. B. Cleveland. 2,315,770; Apr. 6.
 Receiver and trigger-plate construction for firearms. D. M. Williams. 2,325,646; Aug. 3.
 Receiver, Ash. J. Visser. 2,325,721; Aug. 3.
 Receiver, Dustless ash. C. M. Drinkwater. 2,319,725; May 18.
 Receiver, Frequency modulation. C. W. Hansell. 2,323,596; July 6.
 Receiver, Hammer-mill discharge. H. H. Harris and J. A. Bried. 2,333,247; Nov. 2.
 Receiver, Radio. E. F. Andrews. 2,326,737-8; Aug. 17.
 Receiver, Superregenerative. W. A. Montgomery. 2,317,474; Apr. 27.
 Receiver with motor drive, Push button tuned. E. Gen-driess. 2,311,168; Feb. 16.
 Receiptable: See—
 Ash receiptable. Paper holding and dispensing receiptable.
 Basket or similar receiptable. Personal utilities receiptable.
 Chalk and chalk dust collection receiptable. Portable dry closet receiptable.
 Delivery receiptable. Portable receiptable.
 Dispensing receiptable. Protective storage receiptable.
 Display rack, oil saver, and waste can receiptable. Razor blade receiptable.
 Electrical receiptable. Refuse receiptable.
 Flexible pocket receiptable. Sanitary milking receiptable.
 Garbage receiptable. Socket receiptable.
 Indicating lamp receiptable. Umbrella handle and receiptable.
 Lipstick receiptable.
 Liquid receiptable.
 Receiptable. G. E. Blinn. 2,336,218; Dec. 7.
 Receiptable. F. O. Colpron. 2,323,379; July 6.
 Receiptable. J. J. Hamlin. 2,329,758; Sept. 21.
 Receiptable. M. Litman. 2,313,882; Mar. 16.
 Receiptable. J. J. Morgan. 2,309,134; Jan. 26.
 Receiptable. S. and M. Myerson and I. W. Evans. 2,318,613; May 11.
 Receiptable. M. L. Rathbun. 2,330,624; Sept. 28.
 Receiptable. L. B. Scheide. 2,330,521; Sept. 28.
 Receiptable. R. C. Talbot. 2,317,651; Apr. 27.
 Receiptable and garbage disposal system, Garbage retort. T. F. O'Shea. 2,316,360; Apr. 13.
 Receiptable and hinge therefor. E. Ibach. 2,308,284; Jan. 12.
 Receiptable and mounting therefor. C. D. Keely. 2,309,121; Jan. 26.
 Receiptable and snap-on cover therefor. R. V. Burdick. 2,314,195; Mar. 16.
 Receiptable and tray, Combination. M. Cooper. 2,306,267; Jan. 12.
 Receiptable and wall plug therefor, Outlet. C. W. Ackerman. 2,312,017; Feb. 23.
 Receiptable capping apparatus. I. Kotcher. 2,330,597; Sept. 28.
 Receiptable charging machine. W. S. Reynolds. 2,313,265; Mar. 9.
 Receiptable closure member. H. G. Evitt. 2,307,832; Jan. 12.
 Receiptable closure, Pressure. A. F. Sheridan. 2,334,443; Nov. 16.
 Receiptable filler. F. D. Chapman. 2,321,994; June 15.
 Receiptable filling machine. H. Mondloch. 2,329,776; Sept. 21.
 Receiptable for cards and providing a compartment for the personal use of operators. E. J. Way. 2,311,718; Feb. 23.
 Receiptable for electric wiring systems. P. Hunt. 2,326,538; Aug. 10.

- Receptacle for empty bottles. R. N. Leonard. 2,319,872; Aug. 25.
- Receptacle for garbage cans, Disinfectant. M. T. Stephansko. 2,325,809; Aug. 3.
- Receptacle for inflammable fluids. E. L. Nute and E. A. Willey. 2,325,703; Aug. 3.
- Receptacle for refrigerators, Food storage. D. F. Newman. 2,317,212; Apr. 20.
- Receptacle for umbrellas, Drip. O. A. Brady. 2,334,596; Nov. 16.
- Receptacle for vacuum cleaners, Collection. W. V. Paine. 2,326,731; Aug. 10.
- Receptacle support and closure operator. E. A. Briley. 2,300,370; Jan. 26.
- Receptacles, Closure for. W. M. Moxley. 2,312,843; Mar. 2.
- Reception medium, Facsimile. R. H. Marriott. 2,317,789; Apr. 27.
- Recharging system for rapid firing guns. J. G. Mejean. 2,320,925; Sept. 21.
- Reciprocating electric motor. P. Trombetta. 2,337,430; Dec. 21.
- Reciprocating electromagnetic motor. W. G. Hancock. 2,328,337; Aug. 31.
- Reciprocating engine. J. T. Bird. 2,331,105; Oct. 5.
- Reciprocating facsimile apparatus. R. J. Wise and R. D. Parrott. 2,311,903; Feb. 23.
- Reciprocating fluid motor, Electrically controlled. J. A. Muller and I. B. Lawyer. 2,317,549; Apr. 27.
- Reciprocating piston meter. H. Chrisman and J. F. Reid. 2,327,310; Apr. 21.
- Reciprocating plunger pump. J. C. Groff. 2,325,672; Aug. 3.
- Reclaiming apparatus. T. A. La Brecque. 2,336,021; Dec. 7.
- Reclining chair. D. H. Caddenmeyer. 2,308,644; Jan. 19.
- Reclining furniture. B. H. Block. 2,329,067; June 1.
- Reclining seat. W. E. Morey and R. G. Nichols. 2,319,743; May 18.
- Reclining mechanism, High-speed. C. Thumlin. 2,335,700; Nov. 30.
- Reclosure, Container. G. E. Eckman. 2,333,645; Nov. 9.
- Recoil dampener. J. C. Trotter and J. F. Schoellkopf. 2,333,398; Nov. 2.
- Recoil pad. E. B. Hawkins. 2,320,430; Jan. 1.
- Record. R. W. Sears, II. 2,316,815; Apr. 20.
- Record assembly, Continuous. G. E. Sornberger. 2,319,165; May 11.
- Record binder. C. H. Lockwood. 2,332,022; Oct. 26.
- Record blank supporting arbor and assembly device. L. E. Dettle. 2,330,411; Sept. 28.
- Record card aligning device for statistical machines. E. Butler and D. W. Ruhlidge. 2,328,612; Sept. 1.
- Record card filing system. L. R. Schuessler. 2,336,572; Dec. 14.
- Record card holder. M. R. Hall. 2,332,143; Oct. 19.
- Record card, Perforated. W. Lang. 2,310,445; Feb. 9.
- Record changer. J. Erwood. 2,307,631; Jan. 5.
- Record changer. W. J. Faulkner. 2,331,383; Oct. 12.
- Record changer, Automatic. V. Butler. 2,328,052; Aug. 31.
- Record changer, Automatic. D. R. De Tar. 2,333,414; Nov. 2.
- Record changer mechanism. R. A. Beewar. 2,328,703; Sept. 7.
- Record changer mechanism for phonographs. H. A. Roe. 2,330,383; Sept. 28.
- Record changing apparatus, Automatic. J. H. Pressley. 2,311,596; Feb. 16.
- Record-changing apparatus, Automatic. J. H. Pressley. 2,313,262; Mar. 9.
- Record controlled interpreting machine. J. W. Bryce. 2,307,109; Jan. 5.
- Record controlled machine. R. T. Blakely. 2,307,100; Jan. 5.
- Record controlled machine. A. W. Mills, F. J. Furman, and E. J. Rabenda. 2,315,723; Apr. 6.
- Record controlled machine. T. J. Watson. 2,335,981; Dec. 7.
- Record feeding and sensing device. E. A. Ford. 2,335,928; Dec. 7.
- Record holder. S. T. Handel. 2,313,821; Mar. 16.
- Record mechanism. H. D. Colman. 2,334,145; Nov. 9.
- Record reproducing control circuit. W. van B. Roberts. 2,334,510; Nov. 16.
- Record selecting mechanism. J. L. Clough. 2,328,055; Aug. 31.
- Record sequence checking device for tabulating machines. E. J. Keough. 2,335,945; Dec. 7.
- Record, Sound. V. L. Roberts. 2,309,276; Jan. 26.
- Record, Visible. A. M. Martin. 2,318,239; May 4.
- Recorder. R. R. Chappell. 2,328,054; Aug. 31.
- Recorder. E. E. Chilberg and E. H. Miller. 2,307,487; Jan. 5.
- Recorder. J. R. Harrington. 2,333,783; Nov. 9.
- Recorder. E. M. Sorensen. 2,332,475; Oct. 19.
- Recorder and reproducer, Combination sound. A. W. De Sart, Sr. 2,332,784; Oct. 26.
- Recorder and reproducer, Sound. M. A. Gilman and C. Anderson. 2,323,215; June 29.
- Recorder, Electromagnetic. L. B. Greenleaf and J. F. Lipscomb. 2,328,539; Sept. 7.
- Recorder, Electromagnetic sound. H. M. Kirschbaum. 2,317,199; Apr. 20.
- Recorder, Facsimile. R. J. Wise and G. H. Ridings. 2,314,009; Dec. 14.
- Recorder for color changes, Continuous. R. H. Klenle, R. H. Park, C. H. Benbrook and E. F. Grieb. 2,324,461; Aug. 31.
- Recorder, Job cost. T. J. Watson. 2,312,137; Feb. 23.
- Recorder, Phonograph. J. L. Morrison. 2,326,667; Aug. 10.
- Recorder punch, Attendance. L. S. Harrison. 2,335,937; Dec. 7.
- Recorder, Stress-strain. A. V. de Forest. 2,330,959; Oct. 5.
- Recorder, Time. R. T. Blakely. 2,310,389; Feb. 9.
- Recorder, Volt-ampere demand. W. H. Pratt. 2,314,244; Mar. 16.
- Recorder with differentiated records, Tape time. H. N. Deane and J. A. Dell. 2,326,765; Aug. 17.
- Recording and reproducing, Magnetic. S. J. Begun. 2,327,956; Aug. 24.
- Recording and reproducing system, Motion picture sound. I. R. Goshaw. 2,322,435; June 22.
- Recording and reproducing system, Signal. H. J. Hasbrouck, Jr. 2,320,429; June 1.
- Recording apparatus. F. F. Daugherty. 2,322,282; June 22.
- Recording apparatus. W. H. Meincke. 2,330,135; Sept. 21.
- Recording apparatus. J. Q. Sherman and A. W. Metzner. Recording apparatus. F. W. Side and J. A. Cadwell. 2,330,082; Sept. 21.
- Recording apparatus. E. S. Svensson. 2,332,819; Oct. 26.
- Recording apparatus, Electromagnetic. E. E. Turner, Jr. 2,322,263; June 22.
- Recording apparatus, Facsimile. R. J. Wise and G. H. Ridings. 2,315,362; Mar. 30.
- Recording apparatus, Facsimile. R. J. Wise and G. H. Ridings. 2,314,371; Mar. 23.
- Recording apparatus, Facsimile. R. J. Wise and G. H. Ridings. 2,314,722; Mar. 23.
- Recording device. S. J. Gardiner. 2,312,894; Mar. 2.
- Recording device. C. Ross. 2,315,737; Apr. 6.
- Recording device. B. F. Terry. 2,322,602; June 22.
- Recording device, Photo. F. E. Oiler. 2,335,956; Dec. 7.
- Recording device, Telephone conversation. M. W. Dobrzensky. 2,319,665; May 18.
- Recording machine. M. H. Strickland. 2,336,813; Dec. 14.
- Recording means. J. W. Beecher. 2,325,633; Nov. 30.
- Recording means for testing machines. D. C. Scott. 2,329,679; Sept. 14.
- Recording means, Stock line. P. R. Nichols. 2,322,383; June 22.
- Recording measuring instrument. E. B. Nichols. 2,308,710; Jan. 19.
- Recording mechanism. G. C. Larson. 2,307,932; Jan. 12.
- Recording mechanism for vehicle operation. H. N. Durham and G. B. Finnegan, Jr. 2,336,076; Dec. 7.
- Recording potentiometer. J. Razek. 2,325,801; Aug. 3.
- Recording system. L. Mihaladitch. 2,309,837; Jan. 2.
- Recording system, Automatic weight. E. W. Schellen-trager. 2,307,961; Jan. 12.
- Records device, Visible. A. M. Martin. 2,326,241; Aug. 10.
- Records from multilayer differentially color-sensitized film elements, Obtaining individual color component. V. R. Sease and D. R. White. 2,316,294; Apr. 13.
- Records, Vinyl resin phonograph. V. Ngre. 2,307,180; Jan. 5.
- Recovering ethers. F. M. Archibald. 2,324,054; July 13.
- Recovering selenium as selenium dioxide from copper refinery slimes. C. W. Clark. 2,322,348; June 22.
- Recovery apparatus. H. Y. Jannings. 2,312,910; Mar. 2.
- Recovery apparatus. M. S. Robertson. 2,325,881; Aug. 3.
- Recovery of by-products from waste pickle liquors. W. W. Hodge. 2,322,134; June 15.
- Recovery of phenol in gas purification systems. W. B. Chalfant and H. F. McConomy. 2,326,122; Aug. 10.
- Recovery of tocopherol (vitamin E) and valuable by-products from vegetable oils. W. D. McFarlane, W. E. Parker. 2,321,928; June 15.
- Recovery process. J. L. Jones. 2,336,546; Dec. 14.
- Rectangular lumber, Cutting. E. P. Stam. 2,316,111; Apr. 6.
- Rectifier. C. E. Peters. 2,328,488; Aug. 31.
- Rectifier assembly, Metal. E. A. Richards and L. J. Ellison. 2,336,889; Dec. 14.
- Rectifier circuit. D. V. Edwards. 2,320,224; May 25.
- Rectifier, Dry. E. Kipphan and B. Siebert. 2,330,594; Sept. 28.
- Rectifier, Dry-type. E. Kriebel. 2,310,444; Feb. 9.
- Rectifier, Full-wave. W. W. Watrous, Jr. 2,321,959; June 15.
- Rectifier of the selenium type, Alternating electric current. L. E. Thompson and A. Jenkins. 2,328,179; Aug. 31.
- Rectifier, Regulated. L. E. Milarta. 2,331,411; Oct. 12.
- Rectifier, Selenium. C. E. Peters. 2,327,739; Aug. 24.
- Rectifier, Selenium. F. Walbel and E. Nitsche. 2,316,905; Apr. 20.
- Rectifiers, Manufacture of alternating current. L. H. Peter. 2,326,063; Aug. 3.
- Rectifiers, Manufacture of selenium. L. E. Thompson. 2,307,474; Jan. 5.

- Rectifiers, Selenium. E. A. Richards and L. J. Ellison. 2,314,104; Mar. 16.
- Rectifying apparatus. C. H. Zierdt. 2,335,167; Nov. 23.
- Rectifying apparatus for electrical precipitators. M. A. Lissman. 2,326,237; Aug. 10.
- Rectifying column. G. Eberhardt. 2,315,190; Mar. 30.
- Rectifying fluid mixtures, Method and apparatus for. W. L. De Baufre. 2,316,056; Apr. 6.
- Reduced tire pressure indicator. O. E. Dietrich. 2,324,618; July 20.
- Reducer attachment for pouring spouts. H. A. Craig. 2,325,834; Aug. 3.
- Reducing and reversing drive unit, Combination. A. F. Milbrath. 2,314,549; Mar. 23.
- Reducing apparatus. W. M. Berg. 2,333,231; Nov. 2.
- Reducing apparatus. D. N. Burruss, Jr., and J. E. Drapeau, Jr. 2,323,305; July 6.
- Reducing valve. F. A. Quiroz. 2,320,886; June 1.
- Reduction apparatus. F. G. Shaub, R. A. McCloud, and B. E. Tiffany. 2,330,751; Sept. 28.
- Reduction crusher. H. Turner, Jr. 2,325,719; Aug. 3.
- Reduction gearing apparatus. H. F. Schmidt, H. W. Semar, and I. Short. 2,332,172; Oct. 19.
- Reduction of stray light. J. A. Maurer, Jr. 2,324,632; July 20.
- Reed. S. J. Lucas. 2,319,419; May 18.
- Reed. J. C. Nemcek, Jr. 2,318,515; May 4.
- Reed, Adjustable. T. W. Beyer. 2,330,261; Sept. 28.
- Reed for musical instruments. A. C. Radtke and D. T. Fernandez. 2,309,714; Feb. 2.
- Reel holder. W. Neuberger. 2,310,908; Feb. 9.
- Reel; See—
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| Antenna reel. | Fly rod reel. |
| Casting reel. | Harvester reel. |
| Clothesline reel. | Hose reel. |
| Collapsible reel. | Motor driven cable reel. |
| Cradle reel. | Portable expansion wire reel. |
| Film reel. | Tape reel. |
| Fishing reel. | |
- Reel. M. H. Baal. 2,317,431; Apr. 27.
- Reel. A. E. Borton. 2,326,092; Aug. 3.
- Reel. J. M. Gordon. 2,330,278; Sept. 28.
- Reel. H. C. Howsam. 2,337,606; Dec. 28.
- Reel for automatic screw machine. Stock. J. H. Mansfield. 2,328,733; Sept. 7.
- Reel for electric cables. J. R. Shoffner. 2,330,086; Sept. 21.
- Reel for fishing lines. W. F. Watson. 2,317,835; Apr. 27.
- Reel for maps or the like, Winding. M. H. Albers. 2,324,453; July 13.
- Reel for wire processing machines, Continuous supply. G. F. Wahl. 2,322,607; June 22.
- Reel mechanism. L. Iverson and F. J. Waldschutz. 2,332,576; Oct. 26.
- Reinforcing clamp. L. O. Schneeberger. 2,316,978; Apr. 20.
- Refiner and filter, Combination oil. A. E. Evans. 2,330,116; Sept. 21.
- Refining. E. J. Martin. 2,328,158; Aug. 31.
- Refining. B. H. Thurman. 2,327,569; Aug. 24.
- Refining and cracking plant for hydrocarbons, Low pressure. W. Homfeldt. 2,326,032; Aug. 3.
- Refining apparatus. F. M. Smith. 2,320,755; June 1.
- Refining mineral oils. M. C. K. Jones. 2,319,738; May 18.
- Refining of mineral oils. W. H. Rupp. 2,332,814; Oct. 26.
- Refining process. A. P. Hewlett and G. E. Phillips. 2,321,914; June 15.
- Refining process. F. A. L. Holloway. 2,335,009; Nov. 23.
- Refining process. W. H. Rupp and K. E. Thorp. 2,324,112; July 13.
- Refining process. E. E. Stahly. 2,316,026; Apr. 6.
- Refining process, Coffee oil. H. S. Polin, A. I. Nerken, and H. Wettingfeld, Jr. 2,314,893; Mar. 30.
- Refining. Sublimation. F. Hansing. 2,309,643; Feb. 2.
- Refining used crank case oils. W. D. Harris. 2,319,509; May 18.
- Reflecting device, Retrodirective. R. W. Luce. 2,319,742; May 18.
- Reflecting surfaces, Process and composition for the preparation of. P. F. Tryon. 2,315,141; Mar. 30.
- Reflecting unit. F. L. Patton. 2,337,167; Dec. 21.
- Reflecting unit. E. D. Waters. 2,330,097; Sept. 21.
- Reflective projection system. E. G. Ramberg. 2,309,788; Feb. 2.
- Reflector. W. J. Harshaw. 2,329,532; Sept. 14.
- Reflector. W. P. Tolbert. 2,314,566; Mar. 23.
- Reflector basin for luminaires. R. H. Cunningham. 2,307,574; Jan. 5.
- Reflector buttons, Mounting for. C. A. Persons. 2,335,788; Nov. 30.
- Reflector for cameras, View finder. K. W. Montgomery. 2,310,307; Feb. 9.
- Reflector, Ground. A. Becker. 2,328,407; Aug. 31.
- Reflector lamp. N. W. Bosten and M. Solomon. 2,334,899-900; Nov. 23.
- Reflector lamp. A. Pahl. 2,337,833; Dec. 28.
- Reflector, Light. R. B. Netling. 2,323,073; June 29.
- Reflector, Reflex light. M. L. Gebhard, H. Heltzer, J. E. Clarke, and E. P. Davis. 2,326,634; Aug. 10.
- Reflector. Rotation-symmetric. W. Gartenmeister. 2,325,765; Aug. 9.
- Reflector system for lighting units. W. A. Pennow. 2,320,884; June 1.
- Reflector unit. H. J. Hood and O. Wittel. 2,308,009; Jan. 12.
- Reflex cameras with grid shutter. O. Steiner. 2,322,734; June 22.
- Re-forming machine. J. M. Hothersall. 2,319,235; May 18.
- Reforming system. F. H. Praeger. 2,335,531; Nov. 30.
- Refractometer. H. W. Straat. 2,319,889; May 25.
- Refractor. F. W. Jobe and R. F. E. Stegeman. 2,329,907; Sept. 21.
- Refractories, Making. D. W. Ross. 2,331,232; Oct. 5.
- Refractory. J. C. McMullen. 2,310,591; Feb. 9.
- Refractory. G. E. Seil. 2,311,970; Feb. 23.
- Refractory and method. Chrome-magnesia. J. Berlek. 2,316,229; Apr. 13.
- Refractory and producing the same. H. M. Schleicher and W. E. Iverson. 2,325,553; July 27.
- Refractory body. L. H. Hepner and R. E. Tucker. 2,317,855; Apr. 27.
- Refractory composition. M. H. Berns. 2,314,758; Mar. 23.
- Refractory composition. R. V. Kleinschmidt and E. Wasken. 2,336,360; Dec. 7.
- Refractory composition. E. Wainer. 2,323,951; July 13.
- Refractory for contact with molten glass and making the same. H. A. Wadman and R. A. Schaefer. 2,308,473; Jan. 12.
- Refractory, furnace walls and the like, Means for reinforcing. B. T. Gilles. 2,317,451; Apr. 27.
- Refractory material. A. R. Lucas and W. G. Wagner. 2,330,129; Sept. 21.
- Refractory setter. L. Brown. 2,315,395; Mar. 30.
- Refrigerant container. C. D. Bonsall. 2,307,987; Jan. 12.
- Refrigerant control valve. H. J. Matteson. 2,309,405; Jan. 26.
- Refrigerant control valve. H. J. Matteson. 2,327,542; Aug. 24.
- Refrigerated cabinet. H. A. Bortz. 2,313,510; Mar. 9.
- Refrigerated dispenser. J. C. Rear. 2,314,632; Mar. 23.
- Refrigerated display cabinet. W. A. Ellsworth and D. F. Swanson. 2,337,089; Dec. 21.
- Refrigerating and air conditioning apparatus. C. W. Baker. 2,323,511; July 6.
- Refrigerating apparatus. D. F. Alexander, R. E. Gould, and J. R. Hornaday. 2,311,622; Feb. 23.
- Refrigerating apparatus. L. W. Atchison. 2,314,190; Mar. 16.
- Refrigerating apparatus. R. E. Baker. 2,334,237; Nov. 16.
- Refrigerating apparatus. A. E. Beals. 2,322,339; June 22.
- Refrigerating apparatus. A. R. Burnette. 2,315,768; Apr. 6.
- Refrigerating apparatus. R. R. Candor. 2,325,658; Aug. 3.
- Refrigerating apparatus. J. W. Chamberlain. 2,323,308; July 6.
- Refrigerating apparatus. J. C. Chambers. 2,336,671; Dec. 14.
- Refrigerating apparatus. L. F. Clerc. 2,320,265; May 25.
- Refrigerating apparatus. D. E. Dasher. 2,309,756; Feb. 2.
- Refrigerating apparatus. S. M. Davison. 2,329,746; Sept. 21.
- Refrigerating apparatus. C. B. Demann. 2,312,883; Mar. 2.
- Refrigerating apparatus. E. J. Dillman. 2,328,874; Sept. 7.
- Refrigerating apparatus. E. R. Fitzgerald. 2,312,087; Feb. 23.
- Refrigerating apparatus. A. Flukes. 2,329,192; Sept. 14.
- Refrigerating apparatus. R. S. Gaugler. 2,336,085; Dec. 7.
- Refrigerating apparatus. F. W. Gerard. 2,319,498; May 18.
- Refrigerating apparatus. F. W. Gerard. 2,321,137; June 8.
- Refrigerating apparatus. F. W. Gerard, F. I. Rataiczak, and S. M. Scheller. 2,313,932; Mar. 16.
- Refrigerating apparatus. R. E. Gould. 2,311,224; Feb. 16.
- Refrigerating apparatus. R. E. Gould. 2,320,035; May 25.
- Refrigerating apparatus. R. E. Gould. 2,336,089; Dec. 7.
- Refrigerating apparatus. R. E. Gould. 2,333,309; Nov. 2.
- Refrigerating apparatus. R. E. Gould and C. F. Henney. 2,332,711; Oct. 26.
- Refrigerating apparatus. M. J. Gouloze. 2,311,045; Feb. 16.
- Refrigerating apparatus. M. J. Gouloze. 2,329,752-5; Sept. 21.
- Refrigerating apparatus. M. J. Gouloze. 2,334,239; Nov. 16.
- Refrigerating apparatus. C. F. Henney. 2,308,079; Jan. 12.
- Refrigerating apparatus. C. F. Henney. 2,320,432; June 1.

- Refrigerating apparatus. C. F. Henney. 2,320,596; June 1.
- Refrigerating apparatus. J. R. Hornaday. 2,318,838; May 11.
- Refrigerating apparatus. H. B. Hull. 2,320,436; June 1.
- Refrigerating apparatus. H. B. Hull. 2,336,733; Dec. 14.
- Refrigerating apparatus. H. K. Johnson. 2,328,810; Sept. 7.
- Refrigerating apparatus. M. Kalischer. 2,322,714; June 22.
- Refrigerating apparatus. D. L. Kaufman. 2,309,773; Feb. 2.
- Refrigerating apparatus. D. L. Kaufman. 2,319,993; May 25.
- Refrigerating apparatus. L. M. Kelghley. 2,327,649; Aug. 24.
- Refrigerating apparatus. A. A. Kucher. 2,311,947; Feb. 23.
- Refrigerating apparatus. A. A. Kucher. 2,321,687; June 15.
- Refrigerating apparatus. A. A. Kucher. 2,328,151; Aug. 31.
- Refrigerating apparatus. A. A. Kucher. 2,332,730; Oct. 26.
- Refrigerating apparatus. A. A. Kucher. 2,336,549; Dec. 14.
- Refrigerating apparatus. A. A. McCormack. 2,314,591; Mar. 23.
- Refrigerating apparatus. A. A. McCormack. 2,321,151; June 8.
- Refrigerating apparatus. A. A. McCormack and R. E. Gould. 2,328,824; Sept. 7.
- Refrigerating apparatus. L. F. Miller. 2,321,695; June 15.
- Refrigerating apparatus. W. L. Morrison. 2,324,527; July 20.
- Refrigerating apparatus. L. A. Philipp. 2,309,533; Jan. 26.
- Refrigerating apparatus. L. A. Philipp. 2,315,221-2; Mar. 30.
- Refrigerating apparatus. L. A. Philipp. 2,317,081-2; Apr. 20.
- Refrigerating apparatus. L. A. Philipp. 2,319,878; May 25.
- Refrigerating apparatus. L. A. Philipp. 2,321,771-2; June 15.
- Refrigerating apparatus. L. A. Philipp. 2,325,705-6; Aug. 3.
- Refrigerating apparatus. L. A. Philipp. 2,329,617-8; Sept. 14.
- Refrigerating apparatus. L. A. Philipp. 2,330,913-17; Oct. 5.
- Refrigerating apparatus. L. A. Philipp. 2,331,284; Nov. 16.
- Refrigerating apparatus. L. A. Philipp. 2,336,418; Dec. 7.
- Refrigerating apparatus. D. H. Reeves. 2,309,212; Jan. 26.
- Refrigerating apparatus. D. H. Reeves. 2,310,117; Feb. 2.
- Refrigerating apparatus. E. F. Schweller. 2,319,522; May 18.
- Refrigerating apparatus. E. F. Schweller. 2,321,865; June 15.
- Refrigerating apparatus. E. F. Schweller. 2,327,672; Aug. 24.
- Refrigerating apparatus. E. F. Schweller. 2,332,016; Oct. 19.
- Refrigerating apparatus. H. J. Scullen. 2,329,139-40; Sept. 7.
- Refrigerating apparatus. H. J. Scullen. 2,336,644; Dec. 14.
- Refrigerating apparatus. H. F. Smith. 2,318,993; May 11.
- Refrigerating apparatus. N. J. Smith. 2,315,667; Apr. 6.
- Refrigerating apparatus. N. J. Smith. 2,324,649; July 20.
- Refrigerating apparatus. R. M. Smith. 2,312,596; Mar. 2.
- Refrigerating apparatus. C. A. Stickel. 2,309,797; Feb. 2.
- Refrigerating apparatus. C. A. Stickel. 2,311,975; Feb. 23.
- Refrigerating apparatus. C. A. Stickel. 2,320,055; May 25.
- Refrigerating apparatus. C. A. Stickel. 2,333,899; Nov. 9.
- Refrigerating apparatus. A. J. Stone. 2,307,548; Jan. 5.
- Refrigerating apparatus. R. H. Swart. 2,319,890; May 25.
- Refrigerating apparatus. C. S. Trigg. 2,319,523; May 18.
- Refrigerating apparatus. C. H. Wurtz. 2,322,495; June 22.
- Refrigerating apparatus and method. R. E. Gould. 2,319,502; May 18.
- Refrigerating apparatus for vending machines. O. C. Olsen. 2,309,006; Jan. 19.
- Refrigerating apparatus, Multiple temperature. J. J. Shively. 2,310,657; Feb. 9.
- Refrigerating apparatus. Testing. H. M. Elsey. 2,314,201; Mar. 16.
- Refrigerating device. H. B. Gates. 2,337,323; Dec. 21.
- Refrigerating device. A. Rodeck. 2,336,571; Dec. 14.
- Refrigerating machine. L. W. Atchison. 2,312,861; Mar. 2.
- Refrigerating machine. C. H. Steenstrup. 2,315,460; Mar. 30.
- Refrigerating machine. E. F. Vilter and S. A. Husty. 2,307,311; Jan. 5.
- Refrigerating machine. Absorption. C. A. Payne. 2,307,947; Jan. 12.
- Refrigerating mechanism. G. Mudly. Re. 22,245; Jan. 5.
- Refrigerating system. F. Y. Carter. 2,326,093; Aug. 3.
- Refrigerating system. F. Y. Carter. 2,331,264; Oct. 5.
- Refrigerating system. O. C. Irwin. 2,316,791-2; Apr. 20.
- Refrigerating system. W. D. Jordan and P. D. Van Vliet. 2,333,012; Oct. 26.
- Refrigerating system. D. H. Killeffer. 2,328,462; Aug. 31.
- Refrigerating system. W. O. Lum. 2,319,005; May 11.
- Refrigerating system. A. R. Newton. 2,313,391; Mar. 9.
- Refrigerating system and apparatus. J. G. Scott. 2,318,532; May 4.
- Refrigerating systems, Continuous absorption. E. W. Guernsey. 2,333,780; Nov. 9.
- Refrigerating unit. H. A. Scholz. 2,332,349; Oct. 19.
- Refrigerating unit, Dry ice. A. Ziesch and S. W. Smith. 2,323,270; June 29.
- Refrigeration. P. P. Anderson, Jr. 2,323,186; June 29.
- Refrigeration. P. P. Anderson, Jr. 2,337,439; Dec. 21.
- Refrigeration. S. W. E. Andersson. 2,334,803; Nov. 23.
- Refrigeration. C. T. Ashby. 2,314,064; Mar. 16.
- Refrigeration. C. T. Ashby. 2,320,500; June 1.
- Refrigeration. C. T. Ashby. 2,321,060; June 8.
- Refrigeration. C. T. Ashby. 2,324,810; July 20.
- Refrigeration. S. M. Backstrom and P. P. Strandberg. 2,331,512; Feb. 16.
- Refrigeration. C. W. Baker. 2,307,380; Jan. 5.
- Refrigeration. M. E. Bixler. 2,312,619; Mar. 2.
- Refrigeration. G. M. Blomqvist. 2,312,154; Feb. 23.
- Refrigeration. G. A. Brace. 2,317,517; Apr. 27.
- Refrigeration. G. A. Brace and A. G. Gross. 2,328,189; Aug. 31.
- Refrigeration. C. C. Coons. 2,315,364; Mar. 30.
- Refrigeration. C. C. Coons. 2,317,519; Apr. 27.
- Refrigeration. C. C. Coons. 2,317,520; Apr. 27.
- Refrigeration. C. C. Coons. 2,328,195; Aug. 31.
- Refrigeration. C. C. Coons. 2,335,389; Nov. 30.
- Refrigeration. C. C. Coons. 2,337,870; Dec. 28.
- Refrigeration. C. C. Coons and C. G. Puchy. 2,310,760; Feb. 9.
- Refrigeration. C. C. Coons and W. H. Kitto. 2,328,196; Aug. 31.
- Refrigeration. W. Cropper. 2,320,349; June 1.
- Refrigeration. G. P. Dalger. 2,307,113; Jan. 5.
- Refrigeration. G. P. Dalger. 2,310,761; Feb. 9.
- Refrigeration. B. K. G. Ehnhoim. 2,327,653; Dec. 28.
- Refrigeration. E. A. Fenander. 2,323,322; June 29.
- Refrigeration. W. T. Hedlund. 2,319,601; May 18.
- Refrigeration. W. Jones. 2,314,402; Mar. 23.
- Refrigeration. W. Jones. 2,324,627; July 20.
- Refrigeration. W. H. Kitto. 2,325,778; Aug. 3.
- Refrigeration. E. Lodwig. 2,318,318; May 4.
- Refrigeration. E. S. Lynger. 2,313,250; Mar. 9.
- Refrigeration. E. S. Lynger. 2,317,283; Apr. 20.
- Refrigeration. L. McNeely. 2,336,411; Dec. 7.
- Refrigeration. W. L. O'Brien. 2,318,621; May 11.
- Refrigeration. R. C. Osborn. 2,320,534; June 1.
- Refrigeration. C. E. Ploeger. 2,316,284; Apr. 13.
- Refrigeration. C. E. Ploeger. 2,320,097; May 25.
- Refrigeration. F. M. Raver. 2,308,541; Jan. 19.
- Refrigeration. T. Schultström. 2,326,502; June 1.
- Refrigeration. A. D. Siedle. 2,307,165; Jan. 5.
- Refrigeration. A. D. Siedle. 2,310,875; Feb. 9.
- Refrigeration. A. D. Siedle. 2,315,356; Mar. 30.
- Refrigeration. D. G. Smellie. 2,307,168; Jan. 5.
- Refrigeration. J. A. Taylor. 2,320,501; June 1.
- Refrigeration. J. A. Taylor. 2,321,113; June 8.
- Refrigeration. R. S. Taylor. 2,332,520; Oct. 26.
- Refrigeration. A. R. Thomas. 2,317,711; Feb. 23.
- Refrigeration. A. R. Thomas. 2,316,821; Apr. 20.
- Refrigeration. A. R. Thomas. 2,317,234; Apr. 20.
- Refrigeration. A. R. Thomas. 2,326,900; Aug. 17.
- Refrigeration. A. R. Thomas. 2,329,863; Sept. 21.
- Refrigeration. G. F. Zellhoefer, C. S. Marvel, and M. J. Copley. 2,308,665; Jan. 19.
- Refrigeration apparatus. C. F. Alsing. 2,317,709; Apr. 27.
- Refrigeration apparatus. L. De Markus and L. Buchler, Jr. 2,333,154; Nov. 2.
- Refrigeration apparatus. G. A. Halfvarson. 2,313,472; Mar. 9.
- Refrigeration apparatus. H. R. Heintzen. 2,325,511; July 27.
- Refrigeration apparatus. G. D. Heisler. 2,318,222; May 4.
- Refrigeration apparatus. P. E. James. 2,311,549; Feb. 16.
- Refrigeration apparatus. R. A. King. 2,317,775; Apr. 27.
- Refrigeration apparatus. G. S. McCloy. 2,324,309; July 13.
- Refrigeration apparatus. W. Raskin. 2,322,882; June 29.

- Refrigeration apparatus. T. W. Rundell. Re. 22,326; May 25.
- Refrigeration apparatus. T. S. Safford. 2,319,349; May 18.
- Refrigeration apparatus. C. F. Scott. 2,317,816; Apr. 27.
- Refrigeration apparatus. R. H. Tull. 2,310,477; Feb. 9.
- Refrigeration apparatus. A. F. Wild. 2,317,840; Apr. 27.
- Refrigeration apparatus and method. W. B. Anderson. 2,331,099; Oct. 5.
- Refrigeration apparatus and method. P. Schlumbohm. 2,336,641; Dec. 14.
- Refrigeration apparatus for air conditioned passenger vehicles. M. E. Hanson. 2,311,204; Feb. 16.
- Refrigeration apparatus for air conditioning systems. M. E. Hanson. 2,330,175; Sept. 21.
- Refrigeration apparatus, Portable. H. F. Zimmerman. 2,317,871; Apr. 27.
- Refrigeration control structure. B. E. Shaw. 2,308,313; Apr. 12.
- Refrigeration system. H. D. Euwer. 2,319,310; May 18.
- Refrigeration system. Absorption. W. R. McGinnis. 2,321,929; June 15.
- Refrigerator. J. B. Cocanour. 2,333,296; Nov. 2.
- Refrigerator. G. L. C. Earle. 2,312,326; Mar. 2.
- Refrigerator. N. Erland of Kleen. 2,326,130; Aug. 10.
- Refrigerator. W. J. LaCasse. 2,328,467; Aug. 31.
- Refrigerator. P. Maniscalco. 2,331,560; Oct. 12.
- Refrigerator. A. E. Nave. 2,330,988; Oct. 5.
- Refrigerator. A. E. Nave and W. A. Kuenzli. 2,308,001; Jan. 19.
- Refrigerator. R. H. Norris. 2,314,657; Mar. 23.
- Refrigerator. C. M. Rees. 2,323,354; July 6.
- Refrigerator. T. W. Rundell. 2,310,872; Feb. 9.
- Refrigerator. T. Ruthenburg. 2,309,217; Jan. 26.
- Refrigerator. H. C. Shagaford. 2,332,249; June 20.
- Refrigerator. E. R. Swanson. 2,332,027; Oct. 19.
- Refrigerator and aerator, Combination. G. R. Duncan. 2,315,603; Apr. 6.
- Refrigerator, Absorption. J. Lithgow and L. K. Jackson. 2,308,520; Jan. 19.
- Refrigerator, Absorption. J. Lithgow and L. K. Jackson. 2,313,707; Mar. 9.
- Refrigerator and vending machine, Combination. M. L. Smith. 2,322,950; June 29.
- Refrigerator cabinet construction. R. W. Hull. 2,335,185; Nov. 23.
- Refrigerator cabinet. L. W. Atchison. 2,318,984; May 11.
- Refrigerator cabinet. W. P. Dodge. 2,307,316; Dec. 21.
- Refrigerator cabinet. R. A. King. 2,319,001; May 11.
- Refrigerator cabinet. J. L. Knight. 2,311,448; Feb. 16.
- Refrigerator cabinet. O. E. Norberg. 2,322,769; June 29.
- Refrigerator cabinet. O. H. Yoxsimer. 2,307,094; Jan. 5.
- Refrigerator cabinet. O. H. Yoxsimer and H. D. White. 2,307,093; Jan. 5.
- Refrigerator cabinet construction. C. P. Erickson. 2,307,121; Jan. 5.
- Refrigerator car. W. E. Baillie. 2,316,755; Apr. 20.
- Refrigerator car. C. D. Bonsall. 2,307,988; Jan. 12.
- Refrigerator car. C. D. Bonsall. 2,313,120; Mar. 9.
- Refrigerator car. G. Boswinke. 2,323,446; July 6.
- Refrigerator car. R. K. Schwebs. 2,314,463; Mar. 23.
- Refrigerator car. V. E. West. 2,336,144; Dec. 7.
- Refrigerator car construction. C. D. Bonsall. 2,328,947; Sept. 7.
- Refrigerator car construction. W. P. Murphy. 2,311,990; Feb. 23.
- Refrigerator car construction. V. E. Sisson. 2,311,973; Feb. 23.
- Refrigerator car construction. V. E. West. 2,308,036; Jan. 12.
- Refrigerator car construction. V. E. West. 2,336,443; Dec. 7.
- Refrigerator car construction. K. E. Zeidler. 2,312,018; Feb. 23.
- Refrigerator car hatch closure. J. S. Lundvall. 2,311,649; Mar. 23.
- Refrigerator compressor. L. W. Benz. 2,313,214; Mar. 9.
- Refrigerator construction. T. W. Rundell. 2,313,671; Mar. 9.
- Refrigerator construction. T. W. Rundell. 2,331,845; Oct. 12.
- Refrigerator control. T. S. Safford. 2,335,967; Dec. 7.
- Refrigerator. Display. C. B. Shreve. 2,332,174; Oct. 19.
- Refrigerator display case. S. Bohn. 2,311,182; Feb. 16.
- Refrigerator door and gasket construction. T. W. Rundell. 2,307,159; Jan. 5.
- Refrigerator door fastener. D. Katz. 2,315,337; Mar. 30.
- Refrigerator door hinge. K. W. Flocks. 2,332,788; Oct. 26.
- Refrigerator jack. C. S. Johnston. 2,311,442; Feb. 16.
- Refrigerator latch. W. O. Burke. 2,325,225; July 27.
- Refrigerator latch. W. O. Burke. 2,334,065; Nov. 9.
- Refrigerator latch. G. E. Curtis, Jr., and E. A. Pagella. 2,309,049; Jan. 19.
- Refrigerator latch operating mechanism. W. O. Burke. 2,322,916; June 29.
- Refrigerator shelf. A. E. Nave. 2,311,411; Feb. 16.
- Refrigerator shelf. W. H. Nobles. 2,319,470; May 18.
- Refrigerator spacer construction. E. Swedman. 2,324,245; July 13.
- Refrigerator structure. D. E. Heath. 2,319,600; May 18.
- Refrigerator system for cars and the like. H. J. Wieden. 2,324,749; July 20.
- Refrigerator unit. C. S. Johnston. 2,336,687; Dec. 14.
- Refrigerators, Assembling mechanical. G. L. C. Earle. 2,328,130; Aug. 31.
- Refuse collecting container. H. Linde. 2,307,692; Jan. 5.
- Refuse collecting vehicle. J. Ochsner. 2,330,614; Sept. 28.
- Refuse container. W. E. Heithoff. 2,322,439; June 22.
- Refuse receptacle. S. C. Stevens. 2,308,398; Jan. 12.
- Regeneration apparatus. D. W. Bransky. 2,320,562; June 1.
- Regenerative repeater for inverse neutral telegraph systems. W. T. Rea. 2,328,674; Sept. 7.
- Regenerator, Coke oven. G. A. Davis. 2,334,612; Nov. 16.
- Regenerator, Pulse. F. H. Hibbard. 2,322,848; June 29.
- Regenerator, Pulse. J. O'D. Shepherd. 2,327,465; Aug. 24.
- Register. L. P. Crosman. 2,330,270; Sept. 28.
- Register. L. P. Crosman. 2,330,689; Sept. 28.
- Register. W. L. Tancred. 2,314,637; Mar. 23.
- Register, Air. J. Dunn. 2,320,576; June 1.
- Register, Air. R. C. Vroom. 2,325,443; July 27.
- Register, Air. R. C. Vroom and D. G. Graham. 2,325,444; July 27.
- Register and method, Autographic. J. T. Davidson and B. T. Bickel. 2,337,548; Dec. 28.
- Register, Autographic. A. W. Metzner. 2,311,678; Feb. 23.
- Register, Autographic. A. W. Metzner. 2,336,495; Dec. 14.
- Register, Autographic. H. J. Waechter. 2,326,108-9-10; Aug. 10.
- Register, Autographic. H. J. Waechter. 2,328,532; Aug. 31.
- Register, Cash. M. Janbunen, E. A. Olvukka and I. P. A. Vienola. 2,319,325; May 18.
- Register drive mechanism. W. L. Tancred. 2,309,332; Jan. 26.
- Register, Finger print. C. E. Wyrick. 2,333,065; Oct. 26.
- Register for fuel burners, Air. R. M. Hardgrove. 2,329,468; Sept. 14.
- Register for hospitals, Physician's in-and-out. W. M. June. 2,324,934; July 20.
- Register mechanism. P. Knopf. 2,310,296; Feb. 9.
- Register mechanism for indicating instruments. W. Leathers. 2,310,300; Feb. 9.
- Register operating mechanism. W. Leathers. 2,319,411; May 18.
- Register, Pin wheel. W. C. Pfeiffer. 2,327,667; Aug. 24.
- Register, Portable autographic. L. F. Hageman. 2,334,324; Nov. 16.
- Register, Pull-out. W. G. Borchers. 2,337,369; Dec. 21.
- Register rail for double printing. C. A. Mawick and H. W. Olsen. 2,328,480; Aug. 31.
- Register-receptacle for stamps, tags, and the like. H. L. Shulman. 2,333,591; Nov. 2.
- Register resetting mechanism. W. G. Peters. 2,324,321; July 13.
- Register. Sales. R. J. Harrington and F. P. Shearer. 2,309,645; Feb. 2.
- Register, Universal predetermined auto stop. C. S. Hazard. 2,322,712; June 22.
- Registering and indicating device, Fare. S. E. Stewart. 2,321,164; June 8.
- Registering device. W. T. Stearn. 2,322,893; June 29.
- Registering device. Web. N. W. Lyon. 2,314,411; Mar. 23.
- Registering liquid meter. R. C. Bradley. 2,313,511; Mar. 9.
- Registering mechanism. H. N. Bliss. 2,332,197-8; Oct. 19.
- Registering mechanism. J. E. Fernly. 2,321,739; June 15.
- Registering mechanism and computing device. K. C. Bugz. 2,323,373; July 13.
- Regrooving tool. W. A. Smith. 2,317,230; Apr. 20.
- Regulated rectifier circuit. L. E. Milarta. 2,315,445; Mar. 30.
- Regulating and control circuit. M. A. Edwards and D. E. Garr. 2,334,179; Nov. 16.
- Regulating apparatus. O. Scharpf. 2,314,952; Mar. 30.
- Regulating apparatus. W. H. Smith. 2,310,876; Feb. 9.
- Regulating circuit. L. F. Blume. 2,325,936; Aug. 3.
- Regulating circuit. O. Kiltie. 2,328,464; Aug. 31.
- Regulating circuit. Z. O. St. Paller. 2,329,229; Sept. 14.
- Regulating device. S. G. Eskin. 2,310,519; Feb. 9.
- Regulating device. C. A. Otto. 2,330,078; Sept. 21.
- Regulating device for watches. F. Marti. 2,307,841; Jan. 12.
- Regulating means, Pressure. R. M. Magnuson. 2,313,351; Mar. 9.
- Regulating mechanism for valves. G. W. McCullough. 2,319,336; May 18.
- Regulating system. H. Bany. 2,309,493; Jan. 26.
- Regulating system. J. F. Kovalsky. 2,307,515; Jan. 5.

- Regulating system. T. B. Montgomery, J. F. Sellers, and W. M. Pickslay. 2,335,784; Nov. 30.
- Regulating system. W. H. Smith. 2,313,974; Mar. 16.
- Regulating system. L. G. Tubbs. 2,318,116; May 4.
- Regulating system, fluid-pressure-actuated. C. W. Bristol. 2,325,103; July 27.
- Regulating valve. R. B. Campbell. 2,310,677; Feb. 9.
- Regulator: See—
- Aeronautical oxygen regulator. Liquid flow regulator.
 - Aircraft breathing regulator. Manual change-over regulator.
 - Altitude regulator. Marine boiler regulator.
 - Altitude controlled pressure regulator. Oil temperature regulator.
 - Altitude controlled regulator. Oxygen regulator.
 - Barometric regulator. Phase sequence mechanism.
 - Cable tension regulator. Pilot loading or control regulator.
 - Current voltage regulator. Power operated window regulator.
 - Damper regulator. Pressure and flow regulator.
 - Draft regulator. Pressure regulator.
 - Electric regulator. Rate regulator.
 - Electronic regulator. Temperature regulator.
 - Flood water regulator. Throttling regulator.
 - Flow regulator. Turbine regulator.
 - Fluid pressure regulator. Vacuum operated window regulator.
 - Fluid supply regulator. Ventilated vapor regulator.
 - Fluid temperature regulator. Volt-ampere measurement regulator.
 - Frequency regulator. Voltage regulator.
 - Gaseous mixture regulator. Wattage regulator.
 - Generator regulator. Window regulator.
 - Hydraulic regulator.
 - Hydromechanical clearance regulator.
 - Kinetic reset regulator.
- Regulator. J. F. Kovalsky. 2,326,039; Aug. 3.
- Regulator. J. E. Peters. 2,329,216; Sept. 14.
- Regulator. R. N. Slinger. 2,323,427; July 6.
- Regulator. C. A. Sorensen. 2,331,084; Oct. 5.
- Regulator and system, thermostatic draft. P. S. Martin. 2,311,408; Feb. 16.
- Regulator circuit. R. R. Blair. 2,323,192; June 29.
- Regulator control equipment. H. J. Carlin and L. N. Creighton. 2,313,921; Mar. 15.
- Regulator for acid and one functions and similar automatic purposes, automatic induction. Y. E. Efrainovich. 2,335,390; Nov. 30.
- Regulator for engines, speed. E. A. Hobart. 2,328,452; Aug. 31.
- Regulator for liquefied petroleum gas equipment, automatic change-over. R. W. Thomas. 2,316,373; Apr. 13.
- Regulator for milking machines, individual vacuum. L. Dineen. 2,320,506; Sept. 14.
- Regulator for vehicle windows or the like. J. B. Parsons. 2,311,804; Feb. 23.
- Regulator mechanism for vehicle windows or the like. B. S. Floraday. 2,324,145; July 13.
- Regulator resistance. W. Schönfeld. 2,316,292; Apr. 13.
- Regulator system. W. W. Parker, L. and R. D. Evans. 2,307,536; Jan. 5.
- Regulator system, voltage. E. D. Lilja. 2,327,357; Aug. 24.
- Regulator unit and mounting. B. M. Leese. 2,314,225; Mar. 16.
- Regulator valve. C. E. Wessner. 2,309,229; Jan. 26.
- Reheating furnace. H. R. Schutz. 2,313,698; Mar. 9.
- Reinforced bag. J. F. Ames. 2,316,658; Apr. 13.
- Reinforced concrete floors, making. F. Heath. 2,315,956; Apr. 6.
- Reinforced seam. A. R. Wood. 2,323,507; July 6.
- Reinforcing bar. J. D. Stites. 2,324,651; July 20.
- Reinforcing device for concrete, prestressing. H. Schorer. 2,328,033; Aug. 31.
- Reinforcing means for folding boxes. M. Noah and L. W. Krinsky. 2,311,857; Feb. 23.
- Relay. C. N. Hickman and E. Lakatos. 2,312,902; Mar. 2.
- Relay. N. A. Korman. 2,327,633; Aug. 24.
- Relay. E. A. Leach. 2,314,885; Mar. 30.
- Relay. W. J. Leveridge. 2,318,405; May 4.
- Relay. F. J. Marco, C. G. Anderson, and F. A. Brandstrom. 2,321,834; June 15.
- Relay. D. A. Miller. 2,323,558; July 6.
- Relay. L. E. Richmond. 2,312,485; Mar. 2.
- Relay. H. Sengbusch. 2,312,493; Mar. 2.
- Relay. B. E. Shaw. 2,332,268; Oct. 19.
- Relay. A. G. Stimson. 2,322,069; June 15.
- Relay. H. M. Stoller. 2,321,710; June 15.
- Relay. J. M. Wilson. 2,310,334; Feb. 9.
- Relay, alternating current. K. J. Knudson. 2,337,251; Dec. 21.
- Relay assembly, indicating. W. A. Bruno. 2,314,122; Mar. 16.
- Relay circuit. S. B. Ingram. 2,329,764; Sept. 21.
- Relay control, time delay. G. L. Kothny and G. A. Smith. 2,322,238; June 22.
- Relay, D'Arnsvol. A. J. McMaster. 2,324,265; July 13.
- Relay for electric discharge lamp, thermal. H. J. McCarthy. 2,314,725; Mar. 23.
- Relay. Gen. H. Saunders and N. A. Judsen. 2,315,020; Mar. 30.
- Relay, mechanical. G. Nelson. 2,313,959; Mar. 16.
- Relay mechanism. C. F. Warrick. 2,327,684; Aug. 24.
- Relay mechanism, brush lifting. R. M. Heintz, and P. F. Scofield. 2,324,156; July 13.
- Relay mechanism, sensitive. W. H. Gille. 2,331,182; Oct. 5.
- Relay, multiunit. E. R. Morton and H. M. Stoller. 2,326,054; Aug. 3.
- Relay, polarized. R. L. Peek, Jr. 2,307,155; Jan. 5.
- Relay, reset actuator, thermal. T. M. Christensen. 2,329,252; Sept. 14.
- Relay, shielded. R. M. Heintz. 2,324,301; July 13.
- Relay, space discharge oscillating. L. M. Potts. 2,321,618; Mar. 15.
- Relay structure. J. F. Ibert. 2,329,036; Sept. 7.
- Relay system. G. De Croco. 2,307,576; Jan. 5.
- Relay system. F. D. Johnson. 2,313,343; Mar. 16.
- Relay system and associated circuits therefor. H. E. Goldstein. 2,334,189; Nov. 16.
- Relay system, protective. F. Geise. 2,307,500; Jan. 5.
- Relay system, protective. R. M. Smith. 2,327,292; Aug. 17.
- Relay, thermal overload. A. G. Stimson. 2,313,597; Mar. 9.
- Relay, three-position. A. J. McMaster. 2,309,349; Jan. 26.
- Relay, timing. E. L. Harder. 2,309,066; Jan. 19.
- Relay, two-step. R. L. Peek, Jr. 2,327,549; Aug. 24.
- Relay valve. G. K. Newell. 2,334,834; Nov. 23.
- Relaying equipment, phase sequence. B. E. Lenehan. 2,309,649; Feb. 2.
- Relaying system, single-pole protective. S. L. Goldsbrough. 2,320,861; June 1.
- Releasable window regulator clutch. E. G. Simpson. 2,314,429; Mar. 23.
- Release device for photographic shutters. J. Mihalyi. 2,308,017; Jan. 12.
- Release device for taper lathes. E. R. Smith and G. E. Fogarty. 2,314,250; Mar. 16.
- Release for folding cameras, shutter. J. K. Polhemus. 2,319,157; May 14.
- Release for wringers or the like, emergency drive. R. D. O'Callaghan. 2,322,384; June 22.
- Release mechanism for window sashes and the like, automatic. C. C. Gardner. 2,321,591; June 15.
- Release, safety. N. L. Etten. 2,323,210; June 29.
- Releasing device. A. Voigt and G. Meister. 2,330,646; Sept. 28.
- Releasing tap holder. O. Klyn. 2,333,868; Nov. 9.
- Relief devices, strain. H. H. Eby. 2,331,313; Oct. 12.
- Relief valve. R. E. Chilton. 2,333,522; Nov. 2.
- Relief valve. W. Ernst. 2,323,021; June 29.
- Relief valve. W. Ernst. 2,328,132; Aug. 31.
- Relief valve. A. E. Jurs. 2,316,649; Apr. 13.
- Relief valve. W. H. Lebo and R. L. Simpson. 2,317,923; Apr. 27.
- Relief valve. F. H. Van Nest. 2,319,021; May 11.
- Relief valve for steam or other pressure vessel. W. F. F. Martin-Hurst. 2,335,776; Nov. 30.
- Remedy, topical. G. Sperli. 2,320,479; June 1.
- Remote control. W. A. Bruno. 2,322,503; June 22.
- Remote control. W. W. Stolzenberg. 2,316,899; Apr. 20.
- Remote control and indicator. S. N. Baruch and J. Weinberg. 2,328,320; Aug. 31.
- Remote control and supervisory system. G. A. Burns and C. R. Irigoin. 2,335,061; Dec. 7.
- Remote control apparatus. G. W. Baughman. 2,337,173; Dec. 21.
- Remote control apparatus. W. C. Eddy. 2,332,785; Oct. 26.
- Remote control apparatus. E. M. Sorensen. 2,324,331; July 15.
- Remote control device. J. Canetta and J. B. Grosswege. 2,324,904; July 20.
- Remote control device. J. M. Tewksbury. 2,318,541; May 4.
- Remote control mechanism. C. C. Bennett. 2,332,690; Oct. 26.
- Remote control of parts actuated through flexible power transmission mechanisms. R. Tondeur. 2,321,780; June 15.
- Remote control switch. P. Hutt. 2,324,844; July 20.
- Remote control system. H. V. Alexandersson and C. E. Granqvist. 2,320,996; June 8.
- Remote control system. G. W. Baughman. 2,332,963; Oct. 26.
- Remote control system. G. W. Baughman and N. F. Agnew. 2,332,191; Oct. 19.
- Remote control system. F. V. Brown. 2,308,048; Jan. 12.
- Remote control system. G. F. Drake. 2,327,341; Aug. 24.
- Remote control system. C. J. Hull and F. H. Osborne. 2,327,429; Aug. 24.
- Remote control system. F. H. Osborne and T. M. Wright. 2,319,945; May 25.
- Remote control system. J. J. Van Horn. 2,313,903; Mar. 16.
- Remote controller. L. J. Andres. 2,331,590; Oct. 12.
- Remote selector and control system. H. L. Bryan and M. J. Binks. 2,319,788; May 25.
- Removable drilling bit. C. C. Koeln. 2,337,720; Dec. 28.
- Removable filter unit for air cleaners. A. M. Goodloe. 2,322,513; June 22.

- Removal of mercaptans from mercaptan-solvent mixtures. L. N. Leum. 2,320,939; June 1.
- Removal of mud cake in casing cement jobs. J. U. Teague and G. E. Cannon. 2,326,577; Aug. 10.
- Removing ice cubes from freezing trays. W. S. Wright. 2,320,542; June 1.
- Removing mud barrier from oil wells. T. A. Bertness, N. Johnston, and D. O. Newton. 2,324,254; July 13.
- Removing odor of nigrosines and indulines. O. Wahl. 2,328,759; Sept. 7.
- Rennet, Manufacture of. B. D. Thornley and S. Hilton. 2,337,947; Dec. 28.
- Repair clamp. W. H. Johnson. 2,334,773; Nov. 23.
- Repair dock, Lift equalizing. C. M. Zoll. 2,325,994; Aug. 3.
- Repair last. T. F. Sharpe. 2,334,512; Nov. 16.
- Repair parts for pipe lines. J. S. McGuire. 2,307,148; Jan. 5.
- Repeater apparatus, Start-stop. L. M. Potts. 2,321,619; June 15.
- Repeater for weft replenishing looms. B. W. Brouwer. 2,312,147; Feb. 23.
- Repeater fuse switch. C. A. Fox. 2,307,208; Jan. 5.
- Repeater, Impulse. K. W. Pfeiffer. 2,328,671; Sept. 7.
- Repeater, Multiway regenerative. W. T. Rea. 2,337,496; Dec. 21.
- Repeating mechanism. D. L. Reynolds. 2,320,011; May 25.
- Replacement point for rebuilding dragline bucket teeth. M. Moore. 2,317,932; Apr. 27.
- Replacer, Can cover. N. Gran. 2,307,262; Jan. 5.
- Replicas and product, Producing accurate. M. R. Hutchison. 2,311,547; Feb. 16.
- Reproducing apparatus. W. H. Meincke. 2,330,134; Sept. 21.
- Reproducing apparatus for light sensitive reproduction media. F. W. von Meister and F. W. Andrew. 2,308,120; Jan. 12.
- Reproducing drawings. H. F. Sherwood. 2,327,826; Aug. 24.
- Reproducing system, Motion picture. R. Kuhnert. 2,316,599; Apr. 13.
- Reproduction of images by means of diazoic compounds to be obtained. Process which enables the. E. Barde. 2,313,288; Mar. 9.
- Reproduction process and apparatus. E. Jahoda. 2,322,136; June 15.
- Re-recording. R. Kreuzer. 2,320,524; June 1.
- Rescue apparatus, Submarine. D. D. Williams. 2,329,430; Sept. 11.
- Rescue device, Submarine. J. F. Donnelly. 2,330,477; Sept. 28.
- Rescuing tool. J. C. Irwin. 2,323,398; July 6.
- Reservoir for condition responsive indicating devices, Pressure relief expansible. L. W. Atchison. 2,328,406; Aug. 31.
- Reservoir for liquids, Large. F. Schmidt. 2,331,140; Oct. 5.
- Resilient articles, Method and device for handling stacks. E. L. Siegel. 2,309,795; Feb. 2.
- Resilient body. W. W. Linz. 2,319,873; May 25.
- Resilient bushing and making the same. A. S. Krotz. 2,327,113; Aug. 17.
- Resilient car wheel. T. Zintsmaster. 2,310,486; Feb. 9.
- Resilient contact for bumper switches. H. Heils. 2,311,392; Feb. 16.
- Resilient coupling. R. W. Brown. 2,324,997; July 20.
- Resilient coupling. J. Eiken. 2,313,467; Mar. 9.
- Resilient couplings, Making. M. Goldschmidt. 2,323,216; June 29.
- Resilient fastener. J. W. Simmons. 2,328,587; Sept. 7.
- Resilient insert insole combination. M. Margolin. 2,308,529; Jan. 19.
- Resilient mold. R. W. Erdle. 2,337,036; Dec. 21.
- Resilient mounting. J. Clark. 2,315,398; Mar. 30.
- Resilient mounting. E. F. Riesing. 2,308,969; Jan. 19.
- Resilient mounting and making the same. W. Busse. 2,328,614; Sept. 7.
- Resilient rail fastener. G. R. Burkhardt. 2,333,518; Nov. 2.
- Resilient roller. P. A. Solem. 2,326,076; Aug. 3.
- Resilient support. J. Fillero. 2,313,171; Mar. 9.
- Resilient support for pipes and the like. E. F. Riesing. 2,324,992; July 20.
- Resilient suspension device. G. H. Dowty. 2,333,096; Nov. 2.
- Resilient suspension, particularly for bodies driven with a rotary motion. M. F. A. Julien and Y. A. Rocard. 2,312,822; Mar. 2.
- Resilient transmission joint. M. F. A. Julien. 2,312,470; Mar. 2.
- Resilient wheel. A. M. Kurzawa. 2,334,936; Nov. 23.
- Resilient wheel. N. G. A. Malmquist. 2,328,660; Sept. 7.
- Resilient wheel. F. W. Mills. 2,330,301; Sept. 28.
- Resilient wheel. P. R. Von Schneeweiss and H. F. Klaholz. 2,324,251; July 13.
- Resilient wheel mounting. T. A. Peterman. 2,318,257; May 4.
- Resin. J. K. Simons. 2,313,678; Mar. 9.
- Resin and abrasive body. S. S. Kistler. 2,332,235; Oct. 19.
- Resin and composition containing the same. G. Allonman and J. H. Perrine. 2,329,236; Sept. 14.
- Resin and film therefrom, Polyvinyl acetal. W. O. Kenyon and W. H. McDowell. 2,333,796; Nov. 9.
- Resin and gum forming materials and sulphur from low boiling hydrocarbons, Removing. K. Süsselbeck. 2,308,249; Jan. 12.
- Resin and its preparation. W. H. McDowell and W. O. Kenyon. 2,313,565; Mar. 9.
- Resin and preparing same, Terpenemodified phenolic. I. Rosenblum. 2,308,544; Jan. 19.
- Resin and producing the same, Synthetic. P. H. Scrutcheff. 2,311,781; Feb. 23.
- Resin and production, Modified phenolic. C. W. Bowden, Jr. 2,324,758; July 20.
- Resin and the preparation thereof, Synthetic. J. L. Sheridan. 2,317,116; Apr. 20.
- Resin-bearing article, Individual multi-layer fibrous. E. E. Sawyer. 2,319,267; May 18.
- Resin composition. E. R. Derby. 2,325,177; July 27.
- Resin compositions, Preparing phenolic. H. H. Lebach. 2,310,142; May 11.
- Resin emulsions with constant viscosity. H. C. Cheetham and R. J. Myers. 2,308,474; Jan. 12.
- Resin esters, Refining of. W. N. Traylor. 2,313,901; Mar. 16.
- Resin extracts from coal, Obtaining. E. H. Higgins. 2,330,887; Oct. 5.
- Resin film and sheeting, Manufacture of vinyl. E. K. Carver. 2,327,765; Aug. 24.
- Resin, Making an oil modified alkyl. W. A. Waldie. 2,319,022; May 11.
- Resin manufacture. R. W. Martin. 2,307,935-6; Jan. 12.
- Resin, Manufacture of modified. L. Auer. 2,309,088; Jan. 26.
- Resin manufacture, Powdered. E. P. Irany. 2,326,539; Aug. 10.
- Resin, Naphthalene-formaldehyde-phenol. E. B. Kester. 2,330,827; Oct. 5.
- Resin, Phenol aldehyde. F. M. Murdock. 2,321,766; June 15.
- Resin, Phenol-formaldehyde. H. S. Rothrock. 2,321,627; June 15.
- Resin plastic composition, Synthetic. E. C. Britton and G. H. Coleman. 2,321,897; June 15.
- Resin product and producing Sulphonated. A. L. Rumselburg. 2,308,029; Jan. 12.
- Resin recovery process. J. L. Jones. 2,336,547; Dec. 14.
- Resin, Rosin base. F. G. Oswald. 2,322,197; June 15.
- Resin solutions, Production of low viscosity urea-formaldehyde. H. J. West. 2,327,984; Aug. 31.
- Resin, Stabilized vinyl. W. M. Quattlebaum, Jr. and C. A. Noffsinger. 2,307,157; Jan. 5.
- Resin surfaced wood, Manufacture of. J. V. Hunn. 2,330,826; Oct. 5.
- Resin, Treatment of. L. Auer. 2,311,511; Feb. 16.
- Resin, Urea-formaldehyde. P. O. Tawney. 2,326,265; Aug. 10.
- Resin, Urea-triazine. G. F. D'Alelio. 2,328,424-5; Aug. 31.
- Resinophoric compounds by action of ultraviolet light in conjunction with beta substituted naphthalene derivatives, Polymerizing unsaturated. D. E. Adelson and H. Dannenberg. 2,326,736; Aug. 17.
- Resinous blanks, Method and apparatus for form milling. F. P. Williams and C. V. Smith. 2,333,064; Oct. 26.
- Resinous composition. M. C. Agens. 2,319,575; May 18.
- Resinous composition. R. P. Carlton and B. J. Oakes. 2,310,935; Feb. 16.
- Resinous composition. H. C. Cheetham. 2,334,904; Nov. 23.
- Resinous composition. G. F. D'Alelio. 2,315,400; Mar. 30.
- Resinous composition. G. F. D'Alelio. 2,337,874; Dec. 23.
- Resinous composition, Oil-soluble. G. F. D'Alelio. 2,337,873; Dec. 23.
- Resinous compositions. H. C. Cheetham and C. L. Levesque. 2,317,668; Apr. 27.
- Resinous compositions and their production. I. W. Humphrey. 2,321,750; June 15.
- Resinous compositions, Coloring of synthetic. W. E. F. Gates. 2,326,531; Aug. 10.
- Resinous compositions for wire coatings and the like. A. O. Blades. 2,329,583; Sept. 14.
- Resinous condensation product and manufacture thereof. J. E. Olin. 2,331,926; Oct. 19.
- Resinous condensation products of semicarbazide with formaldehyde, Water insoluble. F. L. Johnston. 2,308,696; Mar. 10.
- Resinous condensation products, Phenol-furfuryl alcohol. E. Korten. 2,321,493; June 8.
- Resinous material. J. M. Schantz. 2,327,132; Aug. 17.
- Resinous melamine-aldehyde condensation product. W. Fisch. 2,308,069; Jan. 12.
- Resinous product from cellulosic substances. E. Färber. 2,312,607; Mar. 2.
- Resinous product of aldehydes and guanazo diazines. G. F. D'Alelio and J. W. Underwood. 2,312,320; Mar. 2.
- Resins and preparation thereof, Plasticized. F. A. Bent and F. G. Byrne. 2,327,007; Aug. 17.
- Resins, Casting of phenolic. E. L. Kropa. 2,315,432; Mar. 30.

- Resins for plugging formations. Preparation of. C. H. Marthis and C. Rampack. 2,307,843; Jan. 12.
- Resins from coal. Recovering. A. Nagelvoort. 2,310,492; Feb. 9.
- Resins from fused urea. O. L. Kupfer. 2,310,794; Feb. 9.
- Resins from halogenated hydrocarbons and similar materials. V. Mollnar. 2,322,870; June 29.
- Resins. Making phenolated. W. H. Carmody and H. E. Kelly. 2,319,886; May 18.
- Resins. Manufacture of cast phenolic. C. S. Weber. S. B. Luee and F. M. Murdock. 2,321,783; June 15.
- Resins. Manufacture of cation-exchanging artificial. H. Wassenecker. 2,319,359; May 18.
- Resins. Manufacture of the phenol-aldehyde type of. J. V. Hunn. 2,330,217; Sept. 28.
- Resins. Manufacture of vinyl. T. R. Lemanski. 2,317,149; Apr. 20.
- Resins. Molding composite. W. S. Crowell and G. W. Birch. 2,315,503; Apr. 6.
- Resins. Molding synthetic. J. Jaenleke, H. Knoop, H. Miedel, and O. Schweitzer. 2,311,233; Feb. 16.
- Resins. Making phenolated synthetic. C. E. Schildknecht. 2,321,043; June 8.
- Resins. Plastinated. E. R. Derby. 2,325,178; July 27.
- Resins. Plasticizing amine-formaldehyde. W. B. Johnston. 2,311,341; Feb. 16.
- Resins. Plasticizing thermosetting. P. C. Schroy. 2,326,728; Aug. 10.
- Resins. Starch artificial. V. Yngve. 2,307,092; Jan. 5.
- Resins. Stabilized vinyl. V. Yngve. 2,307,090; Jan. 5.
- Resistance device and switch unit. Combined adjustable. H. E. Nied. 2,311,611; Feb. 16.
- Resistance element. O. J. Morelock and H. W. Houck. 2,330,783; Sept. 28.
- Resistance elements. Adjusting and sealing. O. J. Morelock. 2,330,782; Sept. 28.
- Resistance material. C. H. Trenkle. 2,326,580; Aug. 10.
- Resistance network for amplifiers. J. E. Maynard. 2,331,708; Oct. 12.
- Resistance thermometer. W. D. Mounce. 2,315,127; Mar. 30.
- Resistance unit. E. W. Davis. 2,327,025; Aug. 17.
- Resistance unit. Variable. S. W. Law. 2,314,793; Mar. 29.
- Resistant coating for metal surfaces. Corrosion. G. W. Jernstedt. 2,322,349; June 22.
- Resistor. W. C. Ellis and A. G. Souden. 2,329,038; Sept. 7.
- Resistor. H. S. Jones. 2,337,202; Dec. 21.
- Resistor. L. L. Stoffel. 2,324,961; July 20.
- Resistor and making the same. H. N. Velez. 2,313,853; Mar. 16.
- Resistor device. G. L. Pearson. 2,332,596; Oct. 26.
- Resistor. Electric. K. L. Britton and R. O. Eaton. Re. 2,313; May 18.
- Resistor. Electrical. M. Duston. 2,333,476; Nov. 2.
- Resistor. Electrical variable. M. Duston. 2,333,477; Nov. 2.
- Resistor for rubber. Age. A. M. Clifford. 2,325,202; July 27.
- Resistor. Ventilated. C. C. Whittaker. 2,323,743; July 6.
- Resistors. Making. C. J. Christensen. 2,329,511; Sept. 14.
- Resistors. Making insulated. A. Haberberger. 2,332,376; Oct. 19.
- Resolution of racemic α -hydroxy- β - β -dimethyl- γ -butyrolactone, and new compounds obtained by such resolution. S. A. Harris and K. Folkers. 2,319,545; May 18.
- Resonance unit. E. E. Wilson. 2,329,955; July 13.
- Resonator. Ultrahigh frequency. J. A. Hutcheson. 2,331,193; Oct. 5.
- Respirator. H. S. Cover. 2,320,770; June 1.
- Respirator. G. E. Martindale and O. W. Scharping. 2,318,790; May 11.
- Respirator. P. G. McCollam. 2,309,470; Jan. 26.
- Respirator. R. L. Slater. 2,314,955; Mar. 30.
- Respirator. F. H. Terhaar. 2,309,361; Jan. 26.
- Respirator air-line valve. W. H. Lehmberg. 2,330,127; Sept. 21.
- Respirator. Duplex. E. L. Roy. 2,308,630; Jan. 19.
- Respiratory apparatus. F. G. Manson and J. J. Maskey. 2,309,130; Jan. 26.
- Respiratory apparatus. M. E. Nohl. 2,324,716; July 20.
- Responsive control. Automatic condition. H. R. Crago. 2,314,197; Mar. 16.
- Responsive device. Radiant heat. S. G. Isserstedt. 2,336,399; Dec. 7.
- Rest. Back. P. Ootom. 2,307,709; Jan. 5.
- Rest for lothes. Steady. W. F. Greene and H. J. Siekman. 2,325,849; Aug. 6.
- Rest for testing machines. Steady. C. W. Clark. 2,331,889; Oct. 19.
- Rest. Leg. A. G. Murdaugh and H. V. Murdaugh. 2,328,991; Sept. 7.
- Rest structure, particularly for use in bath tubs. F. Landauer. 2,322,147; June 15.
- Restraining device. E. Johnson. 2,308,466; Jan. 12.
- Restraining means. E. J. Sweetland. 2,333,346; Nov. 2.
- Retainer. E. E. Barkstrom and H. M. Larsen. 2,331,647; Oct. 12.
- Retainer. J. J. Sindler. 2,326,693; Aug. 10.
- Retainer. Cap. W. B. Johnson. 2,322,805; June 29.
- Retainer. Embankment. F. Schaefer. 2,315,351; Mar. 30.
- Retainer. Hat. J. Goldstein and C. A. Marks. 2,312,813; Mar. 2.
- Retainer. Lock. A. H. Golden and C. Ledin. 2,320,177; May 25.
- Retainers. Assembling. H. L. Potter. 2,330,741; Sept. 28.
- Retainers for antifriction bearings. Making. C. A. Baden. 2,327,237; Aug. 17.
- Retaining device. V. Wickman. 2,332,035; Oct. 19.
- Retaining device. Automatically releasable. W. L. Roessner. 2,324,428; July 13.
- Retraining means. W. R. Mittendorf. 2,330,372; Sept. 28.
- Retraining attachment for threshers. M. Minkin. 2,309,736; Feb. 2.
- Retractable mat assembly. H. and L. Nagin. 2,315,448; Mar. 30.
- Retinoscope. W. A. Arnesen. 2,331,591; Oct. 12.
- Retort and hearth for stokers. Combination. T. C. Chesley. 2,320,410; June 1.
- Retort. Charging machine. J. E. Scouten. 2,321,526; June 8.
- Retort discharge mechanism. F. J. and E. West. 2,317,838; Apr. 27.
- Retractable clothesline support. F. B. Curtenius. 2,312,803; Mar. 2.
- Retractable drill bit. B. W. Sewell. 2,330,083; Sept. 11.
- Retractable formation sealing tool. W. W. Drinkard. 2,319,493; May 18.
- Retractable head lamp. R. F. Smith. 2,312,005; Feb. 23.
- Retractable landing gear. E. L. Martin. 2,332,453; Oct. 19.
- Retractable landing gear. F. A. Wedberg and F. Lakowski. 2,336,823; Dec. 14.
- Retractable landing gear for airplanes. A. de Muysen. 2,332,844; Oct. 26.
- Retractable support. W. A. Hyland and R. R. Borngraeber. 2,309,618; Jan. 26.
- Retractable support for trailers. F. R. Klaus, Sr. 2,335,946; Dec. 7.
- Retractable undercarriage for aircraft. G. H. Dowty. 2,319,446; May 18.
- Retractable undercarriage for aircraft. R. Tampier. 2,309,550; Jan. 26.
- Retractable articles. Making. R. Plead and R. Phys. 2,318,796; May 11.
- Retractable wheel assembly. T. C. Campbell. 2,320,407; June 1.
- Retriever. F. N. Osmun. 2,318,885; May 11.
- Reverberation system. Artificial. W. D. Phelps. 2,318,417; May 4.
- Reversal duplicating process. H. D. Russell and H. A. Miller. 2,327,822; Aug. 24.
- Reversal process of color photography. E. Meschter. 2,310,981; Feb. 16.
- Reverse countersink. N. L. Kearney and H. L. Richardson. 2,322,141; June 15.
- Reverse gear transmission. T. L. Fawick. 2,335,926; Dec. 7.
- Reverse twist barbwire machine. H. A. Nelson. 2,330,611; Sept. 28.
- Reversible fabric. G. H. Khoury. 2,316,254; Apr. 13.
- Reversible magnetic brake. B. T. Anderson. 2,322,335; June 22.
- Reversible single phase motor. G. W. Dunham, T. T. Woodson, and H. F. Barilli. 2,320,176; May 25.
- Reversible valve. W. J. McDevitt. 2,314,653; Mar. 23.
- Reversing capacitor motor. H. E. Ellis and W. C. Spear. 2,320,419; June 1.
- Reversing gear. O. H. Banker. 2,330,198; Sept. 28.
- Reversing gear. O. H. Banker. 2,336,459; Dec. 14.
- Reversing mechanism. N. S. Campbell. 2,313,221; Mar. 9.
- Reversing mechanism. E. H. Ratzburg. 2,326,494; Aug. 10.
- Reversing switch. H. C. Blodgett. 2,315,583; Apr. 6.
- Reversing switch. H. M. Evjen. 2,314,874; Mar. 30.
- Revolvable table. A. Evans. 2,317,042; Apr. 20.
- Revolver. E. H. Kelly. 2,329,273; Sept. 14.
- Revolving core and endpiece. E. R. Crebbs. 2,320,068; May 25.
- Rewind film carrier. Automatic. A. Gruenbut. 2,315,954; Apr. 6.
- Rheostat. W. G. Grimes. 2,324,383; July 13.
- Rheostat. G. L. McFarland, Jr. 2,312,110; Feb. 23.
- Rheostat. A. C. Ruge. 2,321,322; June 8.
- Rheostat and switch. Combination. B. S. Turner and M. B. Arisman. 2,320,837; June 1.
- Rheostat device. H. B. Shapiro. 2,329,949; Sept. 21.
- Ribbed dome hollow head valve. T. R. Thoren and P. P. Johnson. 2,328,512; Aug. 31.
- Ribbing for structural plates. Lattice-like stiffening. J. Horvath. 2,328,454; Aug. 31.
- Ribbon attachment for typewriting machines. J. R. Geser. 2,331,970; Oct. 19.
- Ribbon bow. Production of. L. D. Hinchey. 2,317,609; Apr. 27.
- Ribbon. Ink transfer. L. E. Lentz. 2,334,423; Nov. 16.
- Ribbon mechanism for stamping machines. M. D. Kennedy and R. Sias. 2,335,679; Nov. 30.

- Ribbon mechanism, Two-color. C. W. Burcky. 2,319,036; May 11.
- Ribbon mechanisms. T. O. Mehan. 2,329,129; Sept. 7.
- Ribbon oscillograph. C. R. Skinner. 2,309,994; Feb. 2.
- Ribbon shift mechanism. L. M. Potts. 2,331,043; Oct. 5.
- Ribbon shifting mechanism. L. Bordonaro. 2,312,314; Mar. 2.
- Ribbon spreading device for carbon copy making attachments for typewriters. J. R. Gesser. 2,321,194; June 8.
- Ribbon trimming method. V. Milstein. 2,329,639; Sept. 14.
- Riboflavin by butyl alcohol producing bacteria. Production of. C. F. Arzberger. 2,326,425; Aug. 10.
- Riboflavin preparation and making the same. M. E. Auerbach. 2,322,548; Oct. 26.
- Riboflavin. Purification of. R. Pasternack and E. V. Brown. 2,324,800; July 20.
- Rice, Control system of boiling and canning. M. Yonan-Malek. 2,334,666; Nov. 16.
- Rice, Method and control system for treating and canning. M. Yonan-Malek. 2,334,665; Nov. 16.
- Riding breeches. H. Z. Isaacs. 2,316,558; Apr. 13.
- Riding mechanism. J. D. Pedersen. 2,330,737; Sept. 28.
- Rig, Rotary drilling. J. E. Smith. 2,317,806; Apr. 20.
- Rigging. Brush. L. Haifley and L. F. Hemphill. 2,324,299; July 13.
- Right-angle electric connector. W. A. Bruno. 2,335,041; Nov. 23.
- Rim and attaching means for pneumatic tires. J. W. Carman. 2,316,502; Apr. 13.
- Rim for tire retreading apparatus. L. T. Sepin. 2,322,546; June 22.
- Ring: See—
- Binder ring. Multiple slip ring.
 - Cable ring. Offset piston ring.
 - Clinching machine, oil control piston ring.
 - cye ring. Piston ring.
 - Closing ring. Piston ring.
 - Cooled spring piston ring. Sealing ring.
 - Deflector ring. Self-lubricating spinning ring.
 - Drapery festoon ring. Shroud ring.
 - Festoon ring. Signet locket-ring.
 - Finger ring. Turbine nozzle ring.
 - Gasket retaining ring. Wheel balancing ring.
 - Interrupted oil ring.
- Key ring.
- Ring balance. O. B. Vetter. 2,333,834; Nov. 9.
- Ring balance meter. R. A. Ackley. 2,331,153; Oct. 5.
- Ring binder. C. D. Trussell. 2,321,558-60; June 8.
- Ring binder. C. D. Trussell. 2,324,460; July 13.
- Ring binder construction. F. S. Schade. 2,322,596; June 22.
- Ring binder construction. J. Schade. 2,311,089; Feb. 16.
- Ring binder construction. J. Schade. 2,330,749; Sept. 28.
- Ring compositions, Nonmagnetic. H. L. Frevert and F. B. Foley. 2,334,816; Nov. 23.
- Ring expander. D. M. Smith. 2,333,690; Nov. 9.
- Ring for molding purposes. Transfer. G. E. Meredith and C. W. Davis. 2,328,662; Sept. 7.
- Ring for wheels, Ornamental trim. G. A. Lyon. Re. 2,340; Dec. 21.
- Ring forming machine. E. W. Krueger. 2,323,546; July 6.
- Ring holder construction. J. C. Dawson, Jr. 2,336,719; Dec. 14.
- Ring lock. S. Segal. 2,307,808; Jan. 12.
- Ring means for pistons. T. A. Bowers. 2,330,550; Sept. 28.
- Ring or sleeve for welding. Backup. C. E. Kent and O. M. Carlson. 2,320,700; June 1.
- Ring toggle unit for ring binders. Single. J. Schade. 2,314,426; Mar. 23.
- Ring traveler. M. L. Bolton. 2,320,212-13; May 25.
- Ring traveler. T. B. Hunt. 2,312,098; Feb. 23.
- Ring traveler. E. R. Jerome. 2,335,121; Nov. 23.
- Ring traveler. S. H. Sherman and R. J. Clarkson. 2,314,740; Mar. 23.
- Ring control. Telephone subscriber's. C. M. Hannaford. 2,324,696; July 20.
- Rip gauge. H. E. Tautz. 2,325,082; July 27.
- Ripper. Seam. H. A. Livingston and C. J. Cardona. 2,320,784; June 1.
- Rising support. H. Starks. 2,310,043; Feb. 2.
- Rivet. J. W. Bowersox. 2,313,616; Mar. 9.
- Rivet. C. E. Hathorn. 2,326,855; Aug. 17.
- Rivet. F. C. Wallace. 2,319,376; May 18.
- Rivet and making same. H. J. Eklund. 2,324,142; July 13.
- Rivet and making the same. C. W. Cherry and A. S. Mullgardt. 2,317,360; Apr. 27.
- Rivet and method and apparatus for manufacturing the same. Tubular. P. A. Miller. 2,307,943; Jan. 12.
- Rivet. Anodizing. A. Halvorsen. 2,331,071; Oct. 5.
- Rivet. Blind. J. C. Lang. 2,328,023; Aug. 31.
- Rivet carrier for riveting machines. A. L. Johnson. 2,328,149; Aug. 31.
- Rivet connection. M. Neubert. 2,317,794; Apr. 27.
- Rivet construction. L. Hedström. 2,333,930; Nov. 9.
- Rivet. Expanding. E. M. Du Vall. 2,314,445; Mar. 23.
- Rivet. Expansion. E. R. Swank. 2,333,277; Nov. 2.
- Rivet feeding device. F. M. Harvey. 2,335,670; Nov. 30.
- Rivet gauge. R. H. Addis. 2,311,323; Feb. 16.
- Rivet. Multipart. W. V. Mounts. 2,327,924; Aug. 24.
- Rivet receiver. W. E. Wright. 2,311,797; Feb. 23.
- Rivet set. M. M. Kennedy and J. E. McCambridge. 2,307,796; Jan. 12.
- Rivet set. W. W. Weaver. 2,312,457; Mar. 2.
- Rivet setting machine. C. H. Lyon. 2,328,821; Sept. 7.
- Rivet sticker. O. Mueller. 2,322,381; June 22.
- Rivet sticking device. C. A. Tea. 2,337,508; Dec. 21.
- Riveter, Compression. H. R. Fischer. 2,310,625; Feb. 9.
- Riveter, Hydraulic. H. R. Wischer. 2,329,709; Sept. 21.
- Riveter, Multiple. F. O. Arnoldi and W. G. Dechend. 2,334,982; Nov. 23.
- Riveter suspension, Portable. A. E. Rylander. 2,317,224; Apr. 20.
- Riveting apparatus. J. Jacques. 2,312,554; Mar. 2.
- Riveting device. H. C. Schlack. 2,332,935; Oct. 26.
- Riveting machine. K. Butter. 2,310,836; Feb. 9.
- Riveting machine. A. D. Rhodes. 2,319,748; May 18.
- Riveting machine. C. Thiele. 2,331,359; Oct. 12.
- Riveting mechanism. S. Bloomfield. 2,318,191; May 4.
- Riveting tool. R. W. McIntire. 2,321,225; June 8.
- Riveting tool. C. E. Moser. 2,324,104; July 2.
- Riveting tool. R. E. Nelson. 2,328,391; Aug. 31.
- Riveting tool. E. H. Shaff. 2,313,843; Mar. 16.
- Rivets. Firing explosive. L. A. Burrows, M. A. Cook, and R. M. Girdler. 2,327,763; Aug. 24.
- Rivets. Method of and apparatus for making. J. J. Jakosky. 2,331,324; Oct. 12.
- Rivets 20 sockets. Making tubular. G. B. Goodman. 2,320,862; June 1.
- Roach run. A. Weil. 2,328,590-1; Sept. 7.
- Road grader. F. E. Arndt. 2,323,108; June 29.
- Road grader. F. E. Arndt. 2,323,109-10; June 29.
- Road grooving machine. H. Tyson. 2,311,891; Feb. 23.
- Road joint support. F. O. Parker. 2,319,513; May 18.
- Road marking machine. R. C. McCubbin. 2,317,288; Apr. 20.
- Road material mixer. J. H. Bell. 2,328,888; Sept. 7.
- Road planer. H. E. Boerma. 2,310,057; Feb. 2.
- Road scraper attachment for tractors. P. Hermsmeyer. 2,337,104; Dec. 21.
- Road sign. R. W. Stacey and T. M. Blomquist. 2,315,878; Apr. 6.
- Road surface. E. C. Bingham. 2,330,808; Oct. 5.
- Road surface, road foundation, and similar layers. G. A. Henning. 2,313,199; Mar. 9.
- Road vehicle mounting. G. A. Collender. 2,319,978; May 25.
- Roadway. Antiskid. R. G. Le Tourneau. 2,313,829; Mar. 16.
- Roadway formation unit. E. H. Geyer. 2,323,026; June 29.
- Road working machine. V. H. Reisser. 2,326,561; Aug. 10.
- Roaster. S. Lako, Jr. 2,317,388; Apr. 27.
- Roaster. F. A. Neth and M. Gougler. 2,336,699; Dec. 14.
- Roaster. L. J. Rosset. 2,320,304; May 25.
- Roaster and percolator. G. L. Kayden. 2,325,683; Aug. 3.
- Roaster, Frankfurt. B. M. Parsons. 2,324,233; July 13.
- Roaster system. M. D. Woodruff. 2,316,208; Apr. 13.
- Roasting process and control. H. S. Polin and J. F. Aims. 2,307,710; Jan. 5.
- Roasting rack. G. L. Rees. 2,316,620; Apr. 13.
- Robe or garment for infants, Sleeping. A. H. Goodman. 2,336,003; Dec. 7.
- Robot vehicle. W. S. Tandler and P. M. Mazur. 2,321,874; June 15.
- Rock boring and like tool. P. Cox. 2,324,679; July 20.
- Rock, concrete, and the like, Drilling. M. S. Clark. 2,308,860; Jan. 19.
- Rock crusher and disintegrator. M. E. Meinhardt. 2,314,414; Mar. 23.
- Rock drill. J. H. Brown and J. F. Jagiel. 2,327,619; Aug. 4.
- Rock drill. E. Craig. 2,322,420; June 22.
- Rock drill. J. C. Curtis. 2,318,594; May 11.
- Rock drill. J. C. Curtis. 2,337,031; Dec. 21.
- Rock drill. J. C. Curtis and E. G. Gartin. 2,316,672; Apr. 13.
- Rock drill. J. C. Curtis and E. G. Gartin. 2,318,760; May 11.
- Rock drill. A. Feucht. 2,321,475; June 8.
- Rock drill. L. A. B. Hutton. 2,307,507; Jan. 5.
- Rock drill. L. A. B. Hutton. 2,336,095; Dec. 7.
- Rock drill. L. A. B. Hutton. 2,336,935; Dec. 14.
- Rock drill. J. J. Janoska. 2,331,474; Oct. 12.
- Rock drill. C. F. Osgood. Re. 22,382; Sept. 28.
- Rock drill. C. F. Osgood. 2,309,077; Jan. 19.
- Rock drill. C. F. Osgood. 2,336,953; Dec. 14.
- Rock drill. L. Padley and G. A. Morgan. 2,318,326; May 4.
- Rock drill. O. J. Schorer. 2,328,926; Sept. 7.
- Rock drill. F. M. Slater. 2,307,866; Jan. 12.
- Rock drills, Dressing and sharpening. E. Craig. 2,330,688; Sept. 28.
- Rockier arm support. F. F. Kishline. 2,330,719; Sept. 28.
- Rockier, Platform. H. A. Foscoe. 2,334,618; Nov. 16.
- Rockier, Roller. A. J. Harpstrite. 2,311,384; Feb. 16.

- Rolling chair. W. La Valliere. 2,324,001; July 13.
 Rod. See:—
 Pushing rod. Self-tilting picker rod.
 Pushing rod. Silicon brass rod.
 Lighting rod. Weeder rod.
 Quick release control rod. Welding rod.
 Radial control rod.
 Rod regulator. Pump pull. S. Bullum. 2,315,152; Mar. 30.
 Rod assembly for radial engines or like operating devices. Connecting. H. J. Kratzer. 2,332,323; Oct. 19.
 Rod handle transfer device. J. Jackson. 2,336,614; Dec. 14.
 Rod catcher. C. M. O'Malley. 2,329,446; June 1.
 Rod connection. Pull. E. R. Thomas and D. Erickson. 2,321,963; July 29.
 Rod connection with piston and crank shaft. Connecting. J. Armstrong. 2,317,129; Apr. 27.
 Rod end connector. H. M. Steele. 2,309,281; Jan. 26.
 Rod guide and paraffin scraper. Combination sucker. A. V. Laason. 2,307,638; Jan. 5.
 Rod guide jack equipment. H. R. Crane. 2,314,908; Nov. 23.
 Rod joint casting tool. C. L. Morris. 2,325,969; Aug. 3.
 Rodline articles. Method of and apparatus for the manufacture of. H. A. Parsons. 2,308,557; Jan. 19.
 Rod puller. A. E. Trosel. 2,332,992; Oct. 19.
 Rod rest for. Pouch. R. C. Johnston. 2,318,345; May 1.
 Rod section. L. C. Symons. 2,308,577; Jan. 19.
 Rod threading device. E. Smith. 2,324,176; July 13.
 Rod weeder bearing. M. H. Tuft and C. T. Rasmussen. 2,332,617; Oct. 26.
 Rod weeder. Rotary. C. C. Calkins and L. A. Hunt. 2,323,452; July 6.
 Rods. Descriptive of. C. Kaiser, Jr. 2,331,983; Oct. 19.
 Rodent trap. D. E. Lewis. 2,321,219; June 8.
 Rod. J. G. Shelby. 2,324,059; July 13.
 Roll adjustment. Pressure. A. F. Shields. 2,310,262; Feb. 9.
 Roll. Reater. D. E. Jones. 2,324,845; July 20.
 Roll coating machine. W. I. Gladfelter and W. H. Moore. 2,320,263; Sept. 14.
 Roll construction. Dandy. J. A. Spencer. 2,312,678; Mar. 2.
 Roll construction. Dandy. J. A. Spencer. 2,335,831; Nov. 30.
 Roll cover. H. E. Uhlig. 2,323,580; July 6.
 Roll for metal rolling mills. J. H. L. De Bats. 2,313,227; Mar. 9.
 Roll-grinding machine. J. Hartman. 2,312,161; Feb. 23.
 Roll handling apparatus. E. E. Perry and L. Hornbostel. 2,337,585; Dec. 28.
 Roll holding camera. J. Mihayk. 2,336,279; Dec. 7.
 Roll neck bearing. C. A. Rich. 2,328,676; Sept. 7.
 Roll paper dispenser. H. A. Clemens. 2,307,994; Jan. 12.
 Roll passes. Repairing. S. Hellmanns. 2,335,411; Nov. 30.
 Roll. Pinch type bending. J. C. Rose and G. E. Stanley. 2,335,028; Nov. 23.
 Roll-polishing apparatus. P. Haig. 2,329,530; Sept. 14.
 Roll release for corn pickers and the like. Snapping. C. E. Ryan. 2,307,804; Jan. 12.
 Roll. Snapping. L. A. Paradise and N. F. Andrews. 2,308,102; Jan. 2.
 Roll snubber for wringers. Upper. J. Stanitz. 2,311,192; Feb. 16.
 Roll. Steel. W. C. Harris. 2,336,246-7; Dec. 7.
 Roll top. F. L. West. 2,336,660; Dec. 14.
 Roll. Transfer. R. E. Thaxton. 2,352,476; Oct. 19.
 Roll winding apparatus. Toilet paper. L. Seusa. 2,334,793; Nov. 23.
 Roller. R. R. Ware. 2,333,400; Nov. 2.
 Roller. Angle disk. W. C. MacGregor. 2,318,002; May 4.
 Roller assembly. Rockable. O. T. Hovatter. 2,326,223; Aug. 10.
 Roller bearing. R. Lang. 2,320,618; June 1.
 Roller. Bedsprad. N. W. Higginbotham. 2,330,711; Sept. 28.
 Roller bit. J. C. Fortune. 2,335,929; Dec. 7.
 Roller. Crust. L. J. Harriss and B. Lambers. 2,323,907; July 13.
 Roller device. C. J. Rey. 2,309,214; Jan. 26.
 Roller driven for Kelly joints. O. L. Derrick. 2,312,323; Mar. 2.
 Roller foot. R. G. Le Tourneau. 2,334,778; Nov. 23.
 Roller for centrifugal casting molds. H. B. Wessenger and J. L. Martin. 2,316,827; Apr. 20.
 Roller for printing. A. B. Guth. 2,326,777; Aug. 17.
 Roller for printing presses. Inking. H. J. Luehrs. 2,319,615-6; May 18.
 Roller for use in printing machines. Slitter. W. F. Huck. 2,329,469; Sept. 14.
 Roller. Inking-in. H. J. Holtzclaw. 2,332,514; Oct. 26.
 Roller lifter. M. R. Martin. 2,314,284; Mar. 16.
 Roller. Shade. G. M. Price. 2,336,189; Dec. 7.
 Roller structure. Road. J. R. Ritchie. 2,314,601; Mar. 23.
 Rollers. Making. H. J. Thieleker. 2,315,910; Apr. 6.
 Rollers. Manufacture of hard. J. Gordon. 2,332,671; Oct. 19.
 Rolling attachment for motor vehicles. J. Butler. 2,315,397; Mar. 30.
- Rolling machine. A. H. Landius. 2,309,126; Jan. 26.
 Rolling machine. Baking dough. J. Buechek. 2,337,539; Dec. 28.
 Rolling mill. J. M. O'Malley. 2,311,075; Feb. 16.
 Rolling mill. J. W. Shephardson and B. L. Burns. 2,335,800; Nov. 30.
 Rolling mill guide. Adjustable. U. F. Corsini. 2,325,373; July 27.
 Rolling mill spindle support. L. W. Falk. 2,313,230; Mar. 9.
 Rolling mills. Threading. C. N. Hickman. 2,316,067; Apr. 6.
 Rolling tamping apparatus. J. J. Suter. 2,336,814; Dec. 14.
 Rolls. Making. J. M. Goulding. 2,309,186; Jan. 26.
 Roof and its support. D. W. Carlson. 2,327,869; Aug. 24.
 Roof and roofing material. D. E. Gray. 2,319,857; May 25.
 Roof. Car. C. D. Bonsall. 2,335,383; Nov. 30.
 Roof. Demountable. G. A. Dailley. 2,323,747; Aug. 3.
 Roof for liquid storage tanks. Floating. J. H. Wiggins. 2,321,058; June 8.
 Roof shingling sent. W. B. Vogt. 2,320,538; June 1.
 Roof spraying machine. T. F. Brackett. 2,321,983; June 15.
 Roofing. C. A. Fasold and H. W. Greider. 2,326,723-4; Dec. 10.
 Roofing and making same. Prefabricated. R. L. Rose. 2,336,191; Dec. 7.
 Roofing and siding material and making the same. N. P. Harshberger. 2,322,219; Oct. 19.
 Roofing. Making. A. C. Fischer. 2,317,596; Apr. 27.
 Roofing products. Making. R. R. Thurston. 2,314,529; Nov. 23.
 Roofing surface. J. H. Hardy. 2,310,227; May 18.
 Roofing trim. Manufacturing. S. and C. A. Dressel. 2,311,026; Mar. 16.
 Room heater. C. W. Clemens. 2,316,563; Apr. 13.
 Room heater. C. W. Clemens. 2,329,592; Sept. 14.
 Room heater. G. L. Mueller. 2,331,501; Nov. 16.
 Room clamp. D. Larkin. 2,333,869; Nov. 9.
 Rope swivel and clamp. J. R. Furey. 2,311,043; Feb. 16.
 Rosin and polymerized rosin esters. Refining polymerized. A. L. Rummelsburg. 2,322,316; June 22.
 Rosin and polymerized rosin esters. Refining polymerized. C. E. Tyler and H. R. Montfort. 2,329,566; Sept. 14.
 Rosin and product obtained. Treatment of hydrogenated. R. F. B. Cox. 2,329,516; Sept. 14.
 Rosin and product obtained. Treatment of polymerized. R. F. B. Cox. 2,329,517; Sept. 14.
 Rosin and rosin derivatives. Refining. D. A. Lister. 2,325,410; July 27.
 Rosin and rosin esters. Polymerization of. A. L. Rummelsburg. 2,307,641; Jan. 5.
 Rosin and rosin esters. Polymerization of. A. L. Rummelsburg. 2,310,374; Feb. 9.
 Rosin and rosin esters. Polymerization of. A. L. Rummelsburg. 2,328,681; Sept. 7.
 Rosin and rosin esters. Polymerizing. J. N. Borglin. 2,327,165; Aug. 17.
 Rosin composition. J. N. Borglin. 2,335,909; Dec. 7.
 Rosin coppers. Producing. R. F. Schlaanstinne. 2,331,803; Oct. 12.
 Rosin. Manufacture of modified. L. Auer. 2,311,200; Feb. 16.
 Rosin or modified rosin. Treatment of. R. F. B. Cox. 2,329,515; Sept. 14.
 Rosin refining. R. W. Martin. 2,324,223; July 13.
 Rosin size and making the same. Non-crystallizing. C. G. Landes and J. T. Cassaday. 2,309,346; Jan. 26.
 Rosin. Treating. L. Auer. 2,311,508; Feb. 16.
 Rosin treatment. L. Auer. 2,311,509; Feb. 16.
 Rosin treatment method. L. Auer. 2,311,510; Feb. 16.
 Rotameter. K. K. Fischer. 2,323,320; July 6.
 Rotameter and the like. G. K. Porter. 2,313,889; Mar. 16.
 Rotameter construction. K. D. Bowen. 2,311,181; Feb. 16.
 Rotameter construction. G. K. Porter. 2,321,041; June 8.
 Rotary abrading tool. E. W. Hall. 2,309,951; Feb. 2.
 Rotary air cleaner. R. A. Kelsey and H. Wright. 2,324,629; July 20.
 Rotary anode X-ray tube. R. R. Machlett and T. H. Rogers. 2,326,271; Dec. 7.
 Rotary body. Balanced. T. F. Philippi. 2,334,285; Nov. 16.
 Rotary casting. E. Schiltz. 2,327,745; Aug. 24.
 Rotary conveyor. E. McCarthy. 2,319,007; May 11.
 Rotary crimper for cigar machines. L. Ferenc. 2,334,147; Nov. 9.
 Rotary cutter. C. E. Kraus. 2,333,653; Nov. 9.
 Rotary cutter. P. Manteros. 2,334,342; Nov. 16.
 Rotary cutter. F. P. Miller. 2,309,409; Jan. 26.
 Rotary cutter. F. P. Miller. 2,309,657; Feb. 2.
 Rotary cutting and granulating machine. F. M. Roddy. 2,326,682; Aug. 10.
 Rotary deflection separator. E. T. Linderorth. 2,328,220; Aug. 31.
 Rotary device for positive fluid action. W. Bejeuhr. 2,327,089; Aug. 17.
 Rotary drier. H. C. French and H. L. Schmidt. 2,319,674; May 18.

- Rotary drier. H. L. Schmidt and H. C. French. 2,316,459; Apr. 13.
- Rotary drill bit. A. W. Kammerer. 2,320,137; May 25.
- Rotary drilling apparatus. C. L. Deely. 2,333,847; Nov. 9.
- Rotary drilling apparatus. H. H. Vanderzee. 2,309,999; Feb. 2.
- Rotary drilling bit. R. R. Crum. 2,325,745; Aug. 3.
- Rotary electric switch. R. B. Hunter and H. L. Mekelburg. 2,307,373; Jan. 5.
- Rotary engine. L. C. Coleman. 2,336,225; Dec. 7.
- Rotary engine. J. M. Reynolds. 2,310,653; Feb. 9.
- Rotary excavator. L. G. Morse, A. R. Hill, and C. C. Morse. 2,315,007; Mar. 30.
- Rotary feeder. O. A. Johnson. 2,317,274; Apr. 20.
- Rotary filter. H. H. Moor. 2,327,543; Aug. 24.
- Rotary furnace. T. A. Waltz. 2,334,050; Nov. 9.
- Rotary gas burner. E. L. Dennis. 2,327,512; Aug. 24.
- Rotary grain threshing machine. J. J. L. Betzen. 2,320,557; June 1.
- Rotary hammering bit. J. A. Zublin. 2,336,335; Dec. 7.
- Rotary heat motor. G. W. Crise. 2,337,084; Dec. 21.
- Rotary hook for sewing machines. J. D. Karle. 2,327,845; Aug. 24.
- Rotary hydraulic machine. R. E. Sharp and H. Francis, Jr. 2,321,950; June 15.
- Rotary internal combustion engine. J. L. Betzen. 2,328,775; Sept. 7.
- Rotary internal combustion engine. O. C. Talbot. 2,334,655; Nov. 16.
- Rotary internal combustion motor. J. Stucke. 2,330,528; Sept. 28.
- Rotary joint. L. D. Goff and R. O. Monroe. 2,328,898; Sept. 7.
- Rotary lipstick holder. S. Morrison. 2,309,000; Jan. 19.
- Rotary liquid pump. W. W. Davidson. 2,316,318; Apr. 13.
- Rotary loop taker for sewing machines. C. E. Colegrove. 2,332,964; Oct. 26.
- Rotary loop taker for sewing machines. J. E. Wertz. 2,320,316; May 25.
- Rotary oil pump. G. Sivertsen. 2,324,116; July 13.
- Rotary operative closure fastener. H. J. Murphy. 2,334,681; Nov. 16.
- Rotary operative fastener. F. E. Johnson. 2,309,731-2; Nov. 2.
- Rotary operative fastener. W. I. Jones. 2,309,733; Feb. 2.
- Rotary operative fastener. W. I. Jones. 2,332,854; Oct. 26.
- Rotary operative fastener. W. I. Jones. 2,331,676; Nov. 16.
- Rotary operative fastener. H. A. Mackie. Re. 22,404; Dec. 11.
- Rotary piston mechanism. J. A. Gaylord. 2,328,799; Sept. 7.
- Rotary printing press. C. S. Crafts. 2,329,830; Sept. 21.
- Rotary printing press. W. A. Whitehead. 2,330,321; Sept. 7.
- Rotary pump. R. Brennan. 2,329,380; Sept. 14.
- Rotary pump. H. A. Ballard. 2,336,341; Dec. 7.
- Rotary pump. C. V. Copeland and E. S. Schrage. 2,319,776; May 25.
- Rotary pump. H. R. Ellinwood. 2,321,190; June 8.
- Rotary pump. E. Fowler. 2,319,856; May 25.
- Rotary pump. D. A. Fulton. 2,311,334; Feb. 16.
- Rotary pump. J. W. Gurley. 2,321,810; June 15.
- Rotary pump. A. D. Hawkins. 2,334,763; Nov. 23.
- Rotary pump. J. Marco. 2,321,609; June 15.
- Rotary pump. R. E. B. Wakefield. 2,318,346; May 4.
- Rotary pump apparatus. F. C. Fulcher. 2,336,475; Dec. 14.
- Rotary pump apparatus of aircraft. F. C. Fulcher. 2,336,477; Dec. 14.
- Rotary pump or motor. T. H. Thompson. 2,316,115; Apr. 6.
- Rotary shafts. Liquid seal for. O. Brummer. 2,337,639; Dec. 28.
- Rotary steel rail base stop clip. E. H. Heald, Jr. 2,319,862; May 25.
- Rotary stud fastener and installation thereof. W. H. Churchill. 2,330,169; Sept. 21.
- Rotary switch. H. Panissidi. 2,335,529; Nov. 30.
- Rotary take-up for sewing machines. H. N. Karr and R. W. Stewart. 2,321,550; June 8.
- Rotary take-up for sewing machines. F. Parry. 2,314,513; Mar. 23.
- Rotary to reciprocatory motion as applied to cutting machines. Transforming A. C. Cito. 2,311,368; Feb. 16.
- Rotary tool. C. J. Hackbarth and C. V. Lundeen. 2,331,468; Oct. 12.
- Rotary tool machine. E. R. Motch, Jr., and J. G. Moohl. 2,312,573; Mar. 2.
- Rotary turbine filter. J. A. Zublin. 2,336,336; Dec. 7.
- Rotary vacuum filter. A. Mills and H. A. Rodgers. 2,321,230; June 8.
- Rotary valve. A. G. Gurries. 2,324,576; July 20.
- Rotary valve. C. W. Hall. 2,319,733; May 18.
- Rotary valve. T. N. Smith. 2,336,756; Dec. 14.
- Rotary valve. W. R. Tucker. 2,312,941; Mar. 2.
- Rotary valve. K. Wehr. 2,328,115; Aug. 31.
- Rotary valve engine. W. F. Vallier. 2,310,134; Feb. 2.
- Rotary vane pump. F. C. Fulcher. 2,336,476; Dec. 14.
- Rotary vapor generator. J. E. Loeffler. 2,316,522; Apr. 13.
- Rotary wing aircraft. C. G. Pullin. 2,319,781; May 25.
- Rotating assembly. P. Martinotti. 2,319,335; May 18.
- Rotating contact device. C. J. Haynes. 2,307,887; Jan. 12.
- Rotating device for aircraft wheels. A. Gulotta. 2,312,159; Feb. 23.
- Rotating pump. A. R. Pato. 2,321,934; June 15.
- Rotating wing aircraft. Stabilization and control of. C. G. Pullin. 2,337,570; Dec. 28.
- Rotation mechanism for rock drills. F. M. Slater. 2,307,865; Jan. 12.
- Rotisserie oven and broiler. Combined. N. S. Martin and H. Leon. 2,330,132; Sept. 21.
- Rotor. A. Lysholm and G. K. W. Boestad. 2,325,617; Aug. 3.
- Rotor. E. M. Wetmore. 2,312,612; Mar. 2.
- Rotor assembly. H. A. Roe. 2,333,200; Nov. 2.
- Rotor brake. C. E. Tack and W. A. Helsten. 2,310,266; Feb. 9.
- Rotor. Feed grinding. H. J. Mankoff. 2,314,723; Mar. 23.
- Rotor for feed grinding machines. H. J. Mankoff. 2,322,460; June 22.
- Rotor in elastic fluid turbine. A. Schütte. 2,308,233; Jan. 12.
- Rotor protective system. M. E. Reagan. 2,308,304; Jan. 12.
- Rotor setting device for welders. L. F. Kingery. 2,309,560; Jan. 26.
- Rotor. Turbine. A. W. Carlson. 2,319,846; May 25.
- Roughing and trimming machine. C. G. Brostrom. 2,328,609; Sept. 7.
- Roughing tool. C. G. Brostrom. 2,310,211; Feb. 9.
- Round straightener. J. B. Sutton. 2,323,946; July 13.
- Router. R. W. Duntzman. 2,335,656; Nov. 30.
- Router. P. S. Hawkins. 2,322,129; June 15.
- Routing machine fixture. D. Jones. 2,317,616; Apr. 27.
- Rub-out machine. E. F. Klenke, Jr. 2,316,518; Apr. 13.
- Rubber. R. J. King and W. Mitchell, Jr. 2,331,199; Oct. 5.
- Rubber adherent composition. R. C. Pierce. 2,307,801; Jan. 12.
- Rubber and asphalt cement and articles comprising same. E. S. Knorr. 2,323,336; July 6.
- Rubber and asphalt dispersion cement. H. J. Livermore, G. F. Lindner, and H. N. Stephens. 2,310,972; Feb. 16.
- Rubber and composition employed therein. Depositing. E. E. Thomas. 2,311,488; Feb. 16.
- Rubber and metal unit for resilient mountings, couplings, and the like. M. Goldschmidt. 2,322,844; June 20.
- Rubber and product obtained thereby. Vulcanizing. R. H. Cooper. 2,333,468; Nov. 2.
- Rubber and product obtained thereby. Vulcanizing. M. W. Harman. 2,335,059; Nov. 23.
- Rubber and product produced thereby. Vulcanizing. M. W. Harman. 2,323,037; June 29.
- Rubber and products thereof. Forming foam. P. Stamberger. 2,321,111; June 8.
- Rubber and rubberlike materials. Production of gas-expanded. A. Cooper. 2,335,649; Nov. 30.
- Rubber article. P. Stamberger. 2,308,724; Jan. 19.
- Rubber article and making same. C. C. Waterbury. 2,321,340; June 8.
- Rubber article and making the same. G. L. Winder. 2,335,203; Nov. 23.
- Rubber article and producing same. Composite. A. N. Spanel. 2,324,735; July 20.
- Rubber articles and making the same. Tabbed. C. L. Beal and G. L. Winder. 2,330,330; Sept. 28.
- Rubber articles. Forming. R. J. Limbert and E. E. Leach. 2,337,116; Dec. 21.
- Rubber articles. Making. M. E. Hansen. 2,330,351; Sept. 28.
- Rubber articles. Manufacture of. H. E. Wright. 2,335,139; Nov. 23.
- Rubber articles. Manufacture of hard. H. V. Allison. 2,311,605; Feb. 16.
- Rubber articles. Molding. W. F. Goff. 2,329,346; Sept. 14.
- Rubber articles. Preparation of composite. O. Hecht, H. Prillwitz, and I. Dane. 2,337,464; Dec. 21.
- Rubber articles. Sealing of seamed. J. M. Auztin. 2,315,576; Apr. 6.
- Rubber. Baling. R. W. Allen and W. T. Runals. 2,324,995; July 20.
- Rubber band dispenser. P. A. Yocum. 2,328,522; Aug. 31.
- Rubber bushed joint. J. L. Edington. 2,328,330; Aug. 31.
- Rubber. Chlorination of. W. M. Kutz and G. A. Webb. 2,331,985; Oct. 19.
- Rubber coated footwear. Manufacture of. R. V. Carberry. 2,308,586; Jan. 19.
- Rubber coating. P. L. Bush and D. E. Lovell. 2,310,676; Feb. 9.
- Rubber coating composition. Polymeric. R. C. Swain. 2,325,986; Aug. 3.

- Rubber composition. W. E. Phillips. 2,337,680; Dec. 28.
- Rubber composition. Blended. W. B. McCluer and R. W. Hufford. 2,337,369; Dec. 21.
- Rubber composition. Synthetic. D. V. Sarbach. 2,325,931; Aug. 3.
- Rubber compositions. Preparation of. J. H. Kelly, Jr. and M. M. Stern. 2,313,154; Mar. 9.
- Rubber compound. F. W. Corlery and S. G. Burroughs. 2,320,718; June 1.
- Rubber compounding. C. H. Boys. 2,325,737; Aug. 3.
- Rubber compounding. T. A. Bullant. 2,318,715; May 11.
- Rubber, Compounding. T. A. Bullant. 2,318,746; May 11.
- Rubber coupling. C. C. Schoele. 2,314,315; Mar. 16.
- Rubber covered roll and making same. V. L. Stoffer. 2,329,796; Sept. 21.
- Rubber derivative product. C. M. Carson. 2,328,534; Aug. 31.
- Rubber derivatives and making same. T. R. Griffith. 2,311,656; Feb. 23.
- Rubber, Densitizing. A. M. Neal and J. R. Schaffner. 2,333,810; Nov. 9.
- Rubber, Dispensing and using. L. G. Copeman. 2,307,020; Jan. 5.
- Rubber, Dispensing. H. R. Williams. 2,308,958; Jan. 19.
- Rubber films with or without textile fabric backings. Making peroxide latex. M. C. Teague and P. L. Mahoney. Re 22,290; Mar. 16.
- Rubber flooring. Conductive. C. S. McChesney and J. W. Shont. 2,325,411; July 27.
- Rubber from rubber waste products. Reclaiming or regenerating. J. Hirschberger. 2,313,146; Mar. 9.
- Rubber from tread links or the like. Stripping. C. O. Lorenz. 2,327,028; Aug. 17.
- Rubber goods. E. L. Hanna. 2,313,703; Mar. 9.
- Rubber goods. Treatment of. R. F. Tefft. 2,321,114; June 8.
- Rubber, hydrochloride. A. F. Hardman. 2,328,970; Sept. 7.
- Rubber hydrochloride composition. J. P. Chittum and G. E. Hulse. 2,309,932; Feb. 2.
- Rubber hydrochloride composition. J. P. Chittum, and G. E. Hulse. 2,324,278; July 13.
- Rubber hydrochloride film. W. C. Calvert. 2,319,918; May 25.
- Rubber hydrochloride film. Coated. H. J. Osterhof. 2,328,844; Sept. 7.
- Rubber hydrochloride. Manufacture of. G. R. Lyon. 2,308,186; Jan. 12.
- Rubber hydrochloride sheets and wrapping articles thereon. Making. W. C. Calvert. 2,327,170; Aug. 17.
- Rubber hydrohalide and cellulose acetate tape. Laminated. G. Schleman. 2,334,585; Nov. 16.
- Rubber impregnated fibrous body of material and making the same. W. J. Walsh. 2,327,573; Aug. 24.
- Rubber joint. T. Lord. Re 22,280; Mar. 2.
- Rubber light buoy. A. H. Gollings. 2,324,983; July 20.
- Rubberlike composition and making the same. N. S. Beckley, Jr., and W. J. Sparks. 2,332,194; Oct. 19.
- Rubberlike material. Manufacturing. T. Okita. 2,332,869; Oct. 26.
- Rubberlike materials. Plasticizing synthetic. W. Gumlich and E. Konrad. 2,307,037; Jan. 5.
- Rubberlike products from derivatives of cashew nut shell liquid and method for producing the same. S. Caplan. 2,317,586; Apr. 27.
- Rubber lining for receptacles. Hard. H. J. Schelhammer and W. Hleemann. 2,321,777; June 15.
- Rubber, Manufacture of. R. H. Gerke. 2,315,849-50; Apr. 6.
- Rubber, Manufacture of. L. H. Howland. 2,315,855-7; Apr. 6.
- Rubber, Manufacture of sponge. W. J. Clayton. 2,313,444; May 9.
- Rubber, Manufacture of sponge. W. J. Clayton and W. R. Hoover. 2,313,463; Mar. 9.
- Rubber materials, synthetics and plastics. Improving the grinding, mixing and refining of. V. Conrad. 2,326,927; Aug. 17.
- Rubber, Method of shredding. W. J. Joyce and H. D. Geyer. 2,318,693; May 11.
- Rubber, Milling. C. A. Klebsattel. 2,311,112; Feb. 16.
- Rubber mixture. D. P. Moore. 2,333,032; Oct. 26.
- Rubber panels. Manufacture of hard. E. R. Dillehay. 2,310,619; Feb. 9.
- Rubber, Plasticizing synthetic. B. S. Garvey. 2,316,949; Apr. 20.
- Rubber polybutene composition and article made therefrom. Phenol. J. A. Mitchell. 2,333,730; Nov. 9.
- Rubber, Preserving. R. L. Sibley. 2,325,152; July 27.
- Rubber, Preserving. R. L. Sibley. 2,335,089; Nov. 23.
- Rubber press pad. R. H. Waters. 2,313,689; Mar. 9.
- Rubber printing plates. Making. F. Moss and J. F. Kirby, Jr. 2,330,002; Sept. 21.
- Rubber product and making same. Le M. Wright. 2,320,691; June 1.
- Rubber product and producing same. A. H. McIntosh and H. E. Pfaff. 2,333,265; Nov. 2.
- Rubber products. W. S. Gocher and A. J. Jennings. 2,322,779; June 29.
- Rubber products. C. M. Langkammerer, W. S. Gocher, and A. J. Jennings. 2,336,792; Dec. 14.
- Rubber products and apparatus therefor. Manufacturing. M. M. Harrison. 2,327,638; Aug. 24.
- Rubber, Reclaiming of. H. Solakian. 2,317,491; Apr. 27.
- Rubber, Reclaiming synthetic. F. L. Kilbourne, Jr. 2,324,980; July 20.
- Rubber sheeting. Continuous manufacture of. C. K. Novotny and G. P. Bosworth. 2,308,951; Jan. 19.
- Rubber sheeting. Manufacture of. E. W. Madge and F. T. Purkis. 2,336,914; Dec. 14.
- Rubber sheeting. Method and apparatus for making thick latex. M. E. Hansen. 2,311,817; Feb. 16.
- Rubber, Softener for synthetic. D. E. Sausser. 2,319,634; May 18.
- Rubber, Softening. R. O. Roblin, Jr. 2,332,401; Oct. 19.
- Rubber, Softening synthetic. D. V. Sarbach. 2,325,979; Aug. 3.
- Rubber structure. G. P. Hoff. 2,317,911; Apr. 27.
- Rubber, Tackifying synthetic. D. V. Sarbach. 2,312,362; Mar. 2.
- Rubber, Tackifying synthetic. D. V. Sarbach. 2,332,263; Oct. 14.
- Rubber thread. Making. S. W. Alderfer and H. W. Greenup. 2,324,975; July 20.
- Rubber thread. Manufacturing. E. Hinzell. 2,323,132; June 29.
- Rubber to aluminum. Bonding. M. C. Beebe. 2,336,388; Dec. 7.
- Rubber to cotton. Improving the adhesion of. E. T. Leslie and I. Gazdik. 2,314,996; Mar. 30.
- Rubber to cotton. Improving the adhesion of. E. T. Leslie and H. P. Headley. 2,314,997; Mar. 30.
- Rubber, Treatment of. R. T. Armstrong, and E. J. Hart. 2,324,186; July 13.
- Rubber tubing. Apparatus and method for manufacture of. D. J. Miller. 2,330,370; Sept. 28.
- Rubber valve. Adjustable. G. H. Burrell. 2,314,767; Mar. 23.
- Rubber valve stem. H. C. Ickes. 2,308,952; Jan. 19.
- Rubber, Vulcanization of. E. S. Blake. 2,325,735; Aug. 3.
- Rubber, Vulcanization of. R. T. Dean. 2,337,802; Dec. 28.
- Rubber, Vulcanization of. P. C. Jones. 2,317,463; Apr. 27.
- Rubber, Vulcanization of. P. C. Jones and R. A. Mathes. Re 22,300; Apr. 13.
- Rubber, Vulcanization of. P. C. Jones and R. A. Mathes. 2,323,775; July 6.
- Rubber, Vulcanization of. P. C. Jones and R. A. Mathes. 2,321,620; Nov. 16.
- Rubber, Vulcanization of. R. A. Mathes. 2,323,923; July 13.
- Rubber, Vulcanization of. R. A. Mathes. 2,327,052; Aug. 17.
- Rubber, Vulcanization of. A. M. Neal and B. M. Sturgis. 2,326,555; Aug. 10.
- Rubber, Vulcanization of. W. Scott. 2,334,042; Nov. 9.
- Rubber, Vulcanization of. A. W. Sloan. 2,323,940; July 13.
- Rubber waste materials. Reclaiming. A. Treves. 2,235,289; July 27.
- Rubbery material and making. Age resisting. I. E. Lightbown and J. G. McNab. 2,310,449; Feb. 9.
- Rubbing machine. R. J. Champayne. 2,334,172; Nov. 16.
- Rudder. J. Livingston. 2,331,706; Oct. 12.
- Rug. R. E. Walliser. 2,308,577; Jan. 10.
- Rugs. Cleaning. V. M. Kalsudian. 2,320,281; May 25.
- Rule and protractor. Parallel. J. D. Maclean. 2,332,100; Oct. 19.
- Rule for wall patterns and areas. Slide. F. W. Lang. 2,323,475; July 6.
- Ruler. Music notation. W. T. Moster. 2,329,551; Sept. 14.
- Runner attachment for scooters. J. J. Meyer. 2,316,272; Apr. 13.
- Runner or road scrapers. E. C. Gledhill. 2,327,417; Aug. 24.
- Running board. C. B. Alvord. 2,326,600; Aug. 10.
- Rust-preventive compositions. G. H. von Fuchs and N. B. Wilson. 2,334,158; Nov. 9.
- Rustless iron. W. B. Arness. 2,310,341; Feb. 9.
- Rutile titanium dioxide. Preparation of. S. S. Cole. 2,316,840-1; Apr. 20.
- Saccharifying cellulose. D. Ferrari and M. Torressi. 2,323,022; June 29.
- Sacker. Grocery. S. N. Goldman. 2,314,490; Mar. 23.
- Sacking and measuring device. C. C. Thomas. 2,318,725; May 11.
- Saddle, Adjustable beam. L. G. Davenport. 2,307,492; Apr. 6.
- Saddle construction. R. W. Faulhaber. 2,320,421; June 1.
- Saddle, Cycle. H. E. Kalter. 2,314,046; Mar. 16.
- Saddle, Cycle. F. Mesinger. 2,318,246; May 4.
- Saddle, Motorcycle. S. and E. B. du Pont. 2,330,341; Sept. 28.
- Saddle post. Cycle. H. E. Kalter. 2,316,436; Apr. 13.

- Sadiron. E. K. Clark and J. R. Heilman. 2,333,521; Nov. 2.
- Safe. Upwardly opening. C. T. Boughton and K. H. Miller. 2,335,232; Nov. 30.
- Safety airplane. J. L. Seat. 2,327,744; Aug. 24.
- Safety apparatus. W. E. Rose and C. W. Rose. 2,321,248; June 8.
- Safety apparatus. L. L. Weaver. 2,317,836; Apr. 27.
- Safety apparatus. O. E. Zoder. 2,327,953; Aug. 24.
- Safety apparatus. Elevator. H. V. McCormick. 2,326,046; Aug. 3.
- Safety ash tray. J. B. Rees. 2,332,929; Oct. 26.
- Safety attachment for car-coupler locks. S. L. Joiner. 2,327,271; Aug. 17.
- Safety blasting cap. J. G. Johnson. 2,327,902; Aug. 24.
- Safety block. R. W. Hedberg. 2,313,437; Mar. 9.
- Safety carrier. J. P. Lucci and F. M. Reed. 2,309,464; Jan. 26.
- Safety carriers for nitroglycerine or other explosives. A. Mazzei. 2,335,779; Nov. 30.
- Safety catch for bar pins of brooches and the like. Q. Chappinelli. 2,330,789; Sept. 28.
- Safety control for gaseous fuel burners. W. F. Jackson and T. H. Jeffers. 2,319,685; May 13.
- Safety control for machine tools. B. D. Vaneil and W. Tumble. 2,308,728; Jan. 19.
- Safety control for machines having opening and closing movements. B. J. Yanchenko. 2,337,143; Dec. 21.
- Safety control for oil burners. S. Perry. 2,320,292; Apr. 14.
- Safety control for riveting machines and the like. B. J. Yanchenko. 2,324,660; July 20.
- Safety coupler. W. H. Ward. 2,327,946; Aug. 24.
- Safety device. R. Becker. 2,328,524; Aug. 31.
- Safety device. E. A. Fischer and E. C. Moss. 2,322,511; June 22.
- Safety device. V. A. Fox. 2,330,700; Sept. 28.
- Safety device. H. Haeklander. 2,321,380; June 8.
- Safety device. F. A. Jimserson. 2,314,218; Mar. 16.
- Safety device. J. C. Kline. 2,335,770; Nov. 30.
- Safety device. K. R. Olson. 2,319,084; May 11.
- Safety device. E. G. Reehberger. 2,313,172; Mar. 9.
- Safety device. G. A. Schettler. 2,330,928; Oct. 5.
- Safety device against fire for cinematographic projectors. P. Mathieu. 2,313,299; Mar. 9.
- Safety device. Car truck. G. McCormick. 2,319,466; May 18.
- Safety device for absorption refrigerators. R. E. Schurtz and J. N. Roth. 2,337,067; Dec. 21.
- Safety device for aerial bombs. J. Imber. 2,335,763; Nov. 30.
- Safety device for automobiles. E. A. Zoub. 2,312,951; Mar. 2.
- Safety device for camera shutters. J. Mihalyi. 2,333,807; Nov. 9.
- Safety device for cigar machines. C. F. Randolph. 2,333,675; Nov. 9.
- Safety device for clotheslines. R. K. Brown. 2,336,226; Dec. 7.
- Safety device for elevating equipment. N. Severinghaus. 2,320,016; May 25.
- Safety device for foot kick presses. C. J. Schulmann. 2,334,130; Nov. 9.
- Safety device for guns. W. D. Hanson. 2,335,669; Nov. 30.
- Safety device for handling explosives. F. H. La Guardia. 2,315,799; Apr. 6.
- Safety device for occupants of vehicles. R. K. Voorhies. 2,322,755; June 29.
- Safety device for pedestrians. E. Stubbe. 2,332,948; Oct. 26.
- Safety device for presses and the like. L. D. James. 2,311,441; Feb. 16.
- Safety device for pressure vessels and the like. W. W. Mason. 2,309,856; Feb. 2.
- Safety device for sewing machines. M. McCann. 2,328,527; Aug. 31.
- Safety device for vehicle brake systems. R. C. Russell. 2,337,417; Dec. 21.
- Safety glass. Producing bent laminated. C. F. Binkert. 2,314,325; Mar. 23.
- Safety governor for pneumatic tools. R. J. Schaedler. 2,326,396; Aug. 10.
- Safety guard and toy. Combined. P. E. Allen. 2,330,538; Sept. 28.
- Safety lamp. G. N. Bishop. 2,327,696; Aug. 24.
- Safety light and illuminating lamp. Combined. J. T. and E. T. Powell. 2,320,193; May 25.
- Safety means for agricultural implements. Y. G. Jander. 2,314,620; Mar. 23.
- Safety means for aircraft. J. B. Leake. 2,320,146; May 25.
- Safety mechanism. C. H. Adams. 2,326,423; Aug. 10.
- Safety mechanism for glassware forming machines. E. G. Bridges. 2,336,162; Dec. 7.
- Safety passing and black-out light. H. L. Elfner. 2,311,743; Feb. 23.
- Safety pilot burner. H. T. Sparrow. 2,311,785; Feb. 23.
- Safety pin. C. A. Dies. 2,312,885; Mar. 2.
- Safety pipe rack. C. L. Deckard. 2,311,933; Feb. 23.
- Safety raft slip lock. J. P. Carlsen. 2,313,802; Mar. 16.
- Safety razor appliance. N. Testi. 2,330,639; Sept. 28.
- Safety razor blade holder. H. W. Denny. 2,325,485; July 27.
- Safety razor container. G. A. Graham. 2,310,849; Feb. 9.
- Safety release for plows and the like. O. E. Hintz, Jr. 2,331,686; Oct. 12.
- Safety reversible window. L. I. Alperin. 2,332,500; Oct. 26.
- Safety shutoff system. S. S. Guelson. 2,319,676; May 18.
- Safety shutoff valve. R. K. Engholm. 2,318,767; May 11.
- Safety signal. S. E. Allen. 2,336,451; Dec. 14.
- Safety sling. A. T. Nilsson. 2,325,872; Aug. 3.
- Safety stop. Crane and shovel boom. A. A. Johnson. 2,313,491; May 4.
- Safety switch. F. Hornain. 2,313,549; Mar. 9.
- Safety switch. C. Wantz. 2,330,461; Sept. 28.
- Safety switch. E. H. Zimmer. 2,313,380; Mar. 9.
- Safety system. F. M. Beck. 2,322,560; June 22.
- Safety system. H. J. Walpole. 2,331,876; Oct. 19.
- Safety throwoff. C. D. Wagner. 2,336,141; Dec. 7.
- Safety tires. E. pneumatic tires. F. J. Armstrong. 2,322,500; June 22.
- Safety turning device for tightening bolts, screws, or the like. R. L. Thompson and N. F. Wasinger. 2,335,574; Nov. 30.
- Safety valve. W. C. Buttner. 2,320,339; June 1.
- Safety valve. E. S. Kaelin. 2,322,139; June 15.
- Safety valve. J. R. McGee. 2,335,346; Nov. 30.
- Safety valve. E. Schoetel. 2,320,002; Sept. 7.
- Safety wash tank. W. A. Lebus. 2,313,350; Mar. 9.
- Sailboat. R. V. Jennings. 2,319,999; May 25.
- Sailing and sailing gear. R. Rummier. 2,329,220; Sept. 14.
- Salad dressing. M. H. Joffe. 2,313,033; Mar. 2.
- Sales promotion apparatus. R. G. Sievers. 2,308,723; Jan. 19.
- Salient-pole tightening means. B. A. Rose and R. A. Baudry. 2,305,028; Jan. 12.
- Saliva ejector. F. E. Gibbin. 2,327,347; Aug. 24.
- Salt composition. F. S. Chambers, Jr. 2,327,767; Aug. 24.
- Salt piezoelectric crystal apparatus. Rochelle. W. P. Mason. 2,309,467; Jan. 26.
- Salt. Producing Bunsen's. U. Liddel and R. B. Barnes. 2,312,918; Mar. 2.
- Salt solution. Inhibited hygroscopic. A. M. Edmunds. 2,319,667; May 13.
- Salt solutions. Purification of. J. D. Ruys, R. L. Kittle, F. W. Heath, and W. H. Dietz. 2,331,235; Oct. 5.
- Salt tablet containing a calcium salt and making the same. C. H. Martin. 2,333,873; Nov. 9.
- Salts of dextro-ascorbic acid and preparing same. S. L. Ruskin. 2,312,195; Feb. 23.
- Salts of ferrous salts and pyridine carboxylic acid amide. Double. H. Stenzl. 2,317,309; Apr. 20.
- Salts of organic sulphonic or carboxylic acids. Isoalkylamine. E. Nadler, R. Wegler, and O. Bayer. 2,315,870; Apr. 6.
- Salts of sulphamic acids. P. F. Tryon. 2,337,693; Dec. 28.
- Salts. Purifying and crystallizing. F. J. Zimmermann. 2,329,505; Sept. 14.
- Saluting tube. A. A. Campbell. 2,323,306; July 6.
- Saluting device and in saluting device for sunken vessels. O. S. Carpenter. 2,325,306; July 27.
- Sampler and liquid feeding device. Automatic. C. W. Morse. 2,327,123; Aug. 17.
- Sampler. Sea. A. F. Spilhaus. 2,314,372; Mar. 23.
- Sampling and metering device. T. A. Huber. 2,322,018; June 15.
- Sampling apparatus. C. D. Cantrell, Jr. 2,309,625; Feb. 2.
- Sampling device. C. C. Gilbert. 2,336,539; Dec. 14.
- Sampling device. J. P. Vollrath. 2,333,964; Nov. 9.
- Sampling device. Overfall. B. H. Hendrickson. 2,316,537; Apr. 13.
- Sampling machine. C. V. Swearingen. 2,332,764; Oct. 26.
- Sanctuary oil lamp. O. D. Guilfoil, Jr. 2,312,640; Mar. 2.
- Sand bailer and perforator cleaner. A. B. Scott. 2,308,333; Jan. 19.
- Sand blast cabinet. R. Ruemelin. 2,321,774; June 15.
- Sandblast carving. S. Chrusa. 2,327,019; Aug. 17.
- Sand blasting. J. N. Voerge. 2,324,250; July 13.
- Sand blasting apparatus. E. H. Lindenmeyer. 2,328,350; Aug. 31.
- Sand blasting machine, equipment, and the like. J. W. Eassey. 2,324,425; July 13.
- Sandblasting process. H. J. Kruse. 2,336,020; Dec. 7.
- Sand cleaning and classifying apparatus. L. F. Bush. 2,337,446; Dec. 21.
- Sand cooler. W. H. Taylor. 2,310,603; Feb. 9.
- Sand dewatering wheel. J. C. Buckbee. 2,322,415; June 22.
- Sand eliminator. N. Schedin. 2,314,662; Mar. 23.
- Sand. Reclaiming used foundry. M. Ovestrud. 2,331,135; Oct. 5.
- Sand spreader. B. R. Downey, O. F. Eichen, and F. E. Ballew. 2,332,903; Oct. 26.
- Sand spreader for vehicles. N. J. and B. F. Kook. 2,307,798; Jan. 12.

- Sand treating system and method, B. M. Bird, 2,331,102; Oct. 3.
- Sand, Winter road, J. E. Lawrence, 2,308,289; Jan. 12.
- Sandal, Snowshoe, G. M. Rintamaki and L. H. Powis, 2,323,955; July 13.
- Sandals and similar footwear, The manufacture of, S. Chivers, 2,337,500; Dec. 28.
- Sandals, Manufacture of, S. J. Finn, 2,330,273; Sept. 28.
- Sander, W. R. Myers, 2,325,970; Aug. 3.
- Sander attachment, L. R. Swank, 2,332,613; Oct. 26.
- Sander, Hand, A. J. Deuel, 2,321,202; July 13.
- Sander table, T. O. Hopkins, 2,327,718; Dec. 28.
- Sander, Track, W. A. Baldwin, 2,321,274; July 13.
- Sander, Track, W. L. Seaman, 2,307,306; Jan. 5.
- Sanding and buffing tool, R. G. Ames, 2,323,962; July 13.
- Sanding belt machine, F. H. Morris, 2,320,638; 9; June 1.
- Sanding control valve, W. A. Baldwin, 2,336,156; Dec. 7.
- Sanding device, T. E. Mead, 2,313,254; Mar. 9.
- Sanding machine, S. D. Lee, 2,309,913; Feb. 2.
- Sanding machine, Molding, L. Roth and J. M. Schnaus, 2,334,669; Nov. 23.
- Sandpaper manufacture, J. N. Bogdan, 2,325,172; July 27.
- Sandpapering machine, A. T. Munn, 2,311,346; Feb. 16.
- Sand pump and filter, Combination, B. G. Cobb, 2,325,501; July 27.
- Sandstone product, J. A. Campbell, 2,333,151; Nov. 2.
- Sanitary apparatus, R. E. Bracke, 2,319,034; May 11.
- Sanitary coating composition, D. M. Gray, and F. M. De Bours, Jr., 2,324,078; July 13.
- Sanitary device, G. S. Permatier, 2,320,156; May 25.
- Sanitary drinking cup, P. N. Fleming, 2,309,385; Jan. 26.
- Sanitary liquid dispenser, J. A. Le Vasseur, 2,307,091; Jan. 5.
- Sanitary measuring device, D. Bennett, 2,322,942; June 29.
- Sanitary mixing receptacle, G. Gilbert, 2,315,415; Mar. 20.
- Sanitary toilet and equipment therefor, S. L. Conrad, 2,328,893; Sept. 7.
- Sash and fastening means therefor, Double glazed, C. T. Cresswell and T. W. Harrison, 2,320,069; May 25.
- Sash and frame for window openings, Supplementary, I. T. Milner, 2,321,554; June 8.
- Sash and ventilator, L. O. Lewis, 2,324,139; July 13.
- Sash balance, G. H. Froelich, 2,329,163; Sept. 14.
- Sash balance, A. M. Starck, 2,307,547; Jan. 5.
- Sash balance, D. Tappan, 2,335,816; Nov. 30.
- Sash construction for store fronts, V. E. Peterson, 2,321,237; June 8.
- Sash construction, Glazed metal, H. Bianco, 2,317,581; Apr. 27.
- Sash fixture for windows and the like, C. L. Mills, 2,323,559; July 6.
- Sash holder and lock, H. E. Petersen, 2,312,475; Mar. 2.
- Sash lift, A. M. Linn, 2,336,738; Dec. 14.
- Sash, Metal window, M. B. Schiller, 2,335,364; Nov. 30.
- Sash, Multiple glass, C. M. Verhagen, 2,329,567; Sept. 14.
- Sash operating mechanism, G. W. Cummings, 2,326,413; June 1.
- Sash pulley brake, W. G. Smith, 2,330,391; Sept. 28.
- Satin white and making the same, G. Haywood, 2,310,693; Feb. 9.
- Saturated and unsaturated 17-hydroxy-androstanes, their derivatives and substitution products, and making the same, K. Miescher and A. Wettstein, 2,311,067; Feb. 16.
- Saturator, G. J. Meyer, 2,326,243; Aug. 10.
- Sausage casing and method for tying, Tied, H. A. Hensel, 2,322,447; June 22.
- Sausage casings and the like, Manufacture of, K. Schultz, 2,337,775; Dec. 28.
- Sausage, Marking, C. T. Walter, 2,326,082; Aug. 3.
- Sausage smoking device, W. Bogner, 2,308,740; Jan. 19.
- Sausage stuffer, H. L. Hunn and A. P. Vastola, 2,309,345; Jan. 26.
- Saw, M. R. Wolfard, 2,330,854; Oct. 5.
- Saw, J. B. Wright, 2,319,176; May 11.
- Saw, Band, F. M. Bell, 2,307,190; Jan. 5.
- Saw band and lubricating the same, L. A. Wilkie, 2,328,869; Sept. 7.
- Saw band, Metal cutting, J. W. Wilkie, 2,318,549; May 4.
- Saw braking mechanism, Automatic band, C. E. Tannewitz, 2,311,268; Feb. 16.
- Saw, Carcass, F. B. Bratek and A. S. Hartanov, 2,327,167; Aug. 17.
- Saw, Chain, C. Wolf, 2,308,847; Jan. 19.
- Saw, Cross cut, N. Nilsen and T. R. Christofferson, 2,320,743; June 1.
- Saw, Cut-off, D. J. Smith, 2,316,996; Apr. 20.
- Saw, Drig, W. G. Scheel, 2,321,863; June 15.
- Saw filing machine, C. H. Carlson, 2,308,053; Jan. 12.
- Saw filing machine, F. E. Collier, 2,310,517; Feb. 9.
- Saw filing machine, R. S. Ewers, 2,323,527; July 6.
- Saw, Flying bar, L. H. Rudert and H. H. Talbot, 2,332,013; Oct. 19.
- Saw, Folding pocket back, G. Allen, 2,309,816; Feb. 2.
- Saw grinding machine, J. R. Biasotti, 2,319,437; May 18.
- Saw handle, J. M. Leatherman, 2,307,411; Jan. 5.
- Saw handle, A. Loughlin, 2,321,223; June 8.
- Sawhorse, S. J. Crozier, 2,324,196; July 13.
- Saw mill dog, M. Kahr, 2,318,163; May 1.
- Saw, Portable power driven, G. J. Schmeier, 2,323,218; June 29.
- Saw, Power, A. Reming, 2,310,152; Feb. 2.
- Saw rack, J. M. Owen, 2,308,533; Jan. 19.
- Saw, Radial, W. F. Odenack, 2,312,356; Mar. 2.
- Saw set and jointer, W. A. Upright, 2,336,761; Dec. 14.
- Saw sharpening machine, J. I. Underwood, 2,334,136; Nov. 9.
- Saw sharpening machine, Gin, E. W. Bernhardt, 2,321,274; June 8.
- Saw swage and shaper, Z. K. Ferguson, 2,336,726; Dec. 14.
- Saw table, W. W. Gardner, 2,329,345; Sept. 14.
- Saw tooth, Induction hardening of, H. A. Pavitt, 2,326,674; Aug. 10.
- Saw tooth, Stack for insertible, A. E. Hollenbeck, 2,321,928; Nov. 23.
- Saw, Timber, C. Wolf, 2,327,233; Aug. 17.
- Saw tooth wave generator, R. Andrieu, 2,328,248; Aug. 31.
- Saving apparatus, L. A. Wilkie, 2,311,426; Feb. 16.
- Saving attachment for tractors, C. H. Renner, 2,312,287; Feb. 23.
- Saving machine, J. D. Wallace and C. H. Landis, 2,317,568; Apr. 27.
- Saving machine, Metal, J. G. Muhl, 2,327,920; Aug. 24.
- Saving machine, Portable, C. M. Rivers, Jr., 2,330,996; Oct. 5.
- Saw, Making metal cutting, L. F. Roman, 2,327,129; Aug. 17.
- Seaboard, E. L. Beckwith and C. P. MacIver, 2,310,204; Feb. 9.
- Seaboard or sheath, E. L. Beckwith and C. P. MacIver, 2,316,766; Apr. 20.
- Seafold, T. S. Castner, 2,311,210; Feb. 16.
- Seafold, W. G. Osborne, 2,329,415; Sept. 14.
- Seafold, J. P. Roney and R. W. Page, 2,308,832; Jan. 19.
- Seafold clamp, W. G. Mann, 2,319,618; May 18.
- Seafold ledge bracket, F. O. Ingeman, 2,321,916; June 15.
- Seafold, Portable, G. Alloway, 2,308,142; Jan. 12.
- Seafold, Portable, R. M. Johnson, 2,318,193; May 4.
- Seafold, Portable and adjustable knockdown, C. C. Dreyer, 2,335,046; Nov. 23.
- Seafold structure, J. Bronetto, 2,310,062; Feb. 2.
- Seafold, Wall, J. R. Thornley, 2,332,477; Oct. 19.
- Seafolding, P. O. Bonchillon, 2,323,195; June 29.
- Scaffolding, J. M. Lavlin, 2,311,988; Feb. 23.
- Scaffolding and apparatus therefor, H. Sway, 2,326,983; Aug. 17.
- Seale, W. J. Beck, 2,322,813; June 29.
- Seale, W. H. Greenleaf, 2,308,874; Jan. 19.
- Seale, Automatic dial, H. A. Hadley, 2,315,789; Apr. 6.
- Seale, Bathroom, E. M. Cummings, 2,321,555; June 15.
- Seale, Bathroom weighing, P. J. Kircher, 2,326,365; Aug. 10.
- Seale, Combination selective, W. H. Miller, 2,322,248; June 22.
- Seale, Computing, A. Le R. Sprecker and Le R. S. Smithers, 2,313,179; Mar. 9.
- Seale construction, Weighing, W. Ort, 2,333,735; Nov. 9.
- Seale-controlled, recording and indicating machine, G. G. Merchen, 2,331,710; Oct. 12.
- Seale integrating mechanism, C. S. Maurer, 2,314,011; Mar. 16.
- Seale, Multiple weighing, A. G. Brown and F. Jansey, 2,308,044; Jan. 12.
- Seale or balance, J. F. Sullivan, 2,335,200; Nov. 23.
- Seale, Over and under, A. Goodman, 2,335,753; Nov. 30.
- Seale pivot mounting, D. P. Jacobus and G. Guldbrandson, 2,337,107; Dec. 21.
- Seale, Printing, A. Hahn, 2,317,760; Apr. 27.
- Seale recording, weighing, L. Poilley, 2,319,343; May 22.
- Seale remover, F. D. Walker, 2,328,589; Sept. 7.
- Seale structure for vehicles, D. J. Orr, 2,314,552; Mar. 23.
- Seale, Toy, E. F. Donovan, 2,325,488; July 27.
- Seale, Weighing, R. S. Bohannan, 2,313,509; Mar. 9.
- Seale, Weighing, C. L. Connors, 2,333,703; Nov. 9.
- Seale, Weighing, T. B. Flanagan, 2,316,947; Apr. 20.
- Seale, Weighing, H. O. Hem, 2,331,092; Oct. 5.
- Seale, Weighing, H. W. Hem, 2,334,326; Nov. 16.
- Seale, Weighing, G. M. Richard, 2,310,493; Feb. 9.
- Seale, Weighing, W. F. Stimpson and M. J. Lachance, 2,311,264; Feb. 16.
- Seale, Weighing, J. F. Sullivan, Re. 2,229; Apr. 6.
- Seale, Weighing, M. J. Weber and R. E. Vanderhoff, 2,310,560; Feb. 9.

- Scale, Weighing. M. J. Weber and R. E. Vanderhoff. 2,331,642; Oct. 12.
- Scale, Weighing. L. S. Williams. 2,321,346; June 8.
- Scale, Weighing. L. S. Williams. 2,334,367; Nov. 16.
- Scale, Weighing. L. S. Williams. 2,336,329; Dec. 7.
- Scales from fish. Removing. M. P. Vucassovich. 2,331,855; Oct. 12.
- Scoring machine. D. H. Duffy. 2,311,215; Feb. 18.
- Scoring with needles moving over scales and instantly indicating the weight in units, Dispensing. P. Endres. 2,316,250; Apr. 13.
- Scanning apparatus. L. C. McNutt. 2,322,203; June 15.
- Scanning device, Phonograph record. L. Thompson. 2,316,637; Apr. 13.
- Scarf machine. E. H. Duffy. 2,311,215; Feb. 18.
- Scarfing machine. E. M. Leino. 2,314,049; Mar. 16.
- Scarf-like covering. T. and A. M. Katzman. 2,308,449; Jan. 12.
- Scarifier. H. C. La Rue. 2,320,365; June 1.
- Scavenging pump. W. H. De Lancey. 2,322,568; June 22.
- Scissors, Barber's. M. Hammond. 2,328,975; Sept. 7.
- Scroscope, Automatic. C. M. Hathaway. 2,315,993; May 11.
- Scoop. C. A. Le Bert. 2,333,385; Nov. 2.
- Scoop attachment for tractors. E. H. Seal. 2,330,847; Oct. 5.
- Scoop scraper. Plural. R. Q. and S. F. Armington. 2,315,363; Mar. 30.
- Scoring machine, Apparatus. J. B. Coker and H. G. Fitz Gerald. 2,330,799; Oct. 5.
- Score-sheet supporter and dispenser, Combination. P. J. Schneider and H. H. Hollis. 2,309,480; Jan. 26.
- Scoring device. C. A. Bailey. 2,323,700; July 6.
- Scoring device. L. D. Brown. 2,323,371; July 6.
- Scoring machine. B. F. Saubestre. 2,311,698; Feb. 23.
- Scouring implement. M. Eisenberg. 2,310,945; Feb. 16.
- Scrap disposal system. H. J. Walpole. 2,316,476; Apr. 13.
- Scraper. S. F. and G. E. Armington. 2,312,311; Mar. 2.
- Scraper. E. B. Barnett. 2,317,511; Apr. 27.
- Scraper. H. G. Bingley. 2,325,219; July 27.
- Scraper. C. Erickson. 2,317,041; Apr. 20.
- Scraper. A. T. Fletcher. 2,312,589; Mar. 2.
- Scraper. H. C. French. 2,315,092; Mar. 30.
- Scraper. M. Hansen. 2,331,676; Oct. 12.
- Scraper. C. Le Bleu. 2,307,933; Jan. 22.
- Scraper. C. Le Bleu. 2,322,458; June 12.
- Scraper. L. T. McGee. 2,329,210; Sept. 14.
- Scraper. J. H. and E. K. McKean. 2,315,069; Mar. 30.
- Scraper. G. W. Mork and L. P. Baranowski. 2,321,410; June 8.
- Scraper. T. J. Nelson. 2,333,878; Nov. 9.
- Scraper, Carrying. J. J. Low. 2,320,625; June 1.
- Scraper, Earth. A. R. Miskin. 2,308,193; Jan. 12.
- Scraper for ship unloading apparatus. L. D. Smith. 2,335,199; Nov. 23.
- Scraper, Hauling. W. H. McGlade. 2,337,297; Dec. 21.
- Scraper latch. H. C. French. 2,322,628; Oct. 26.
- Scraper or like device and mechanism for operating the same. C. A. Long. 2,331,717; Nov. 23.
- Scraper, Paraffin. R. J. Festervan and N. F. Henderson. 2,326,528; Aug. 10.
- Scraper, Road. H. Wibbels. 2,333,837; Nov. 9.
- Scraper, Roof. F. N. Bard. 2,326,514; Aug. 10.
- Scraper, Wall core. F. L. Le Bus. 2,315,629; Apr. 6.
- Scraper, Wheeled. T. R. Paulsen. 2,308,534; Jan. 19.
- Scrapping and loading machine. J. L. Gilbert. 2,334,323; Nov. 16.
- Scrapping tool. A. W. Abrahamsen. 2,318,585; May 11.
- Scratch resistance testing machine. N. J. Beno. 2,311,430; Feb. 16.
- Screed support. S. J. Wearn. 2,319,526; May 18.
- Screed support. M. E. Whiteman. 2,331,949; Oct. 19.
- Screen—
- Acoustic screen. Paper pulp screen.
 - Adjustable screen. Photomechanical screen.
 - Adjustable threshold screen. Plaster screen.
 - Black-out screen. Portable welding screen.
 - Deep well screen. Projector and viewing screen.
 - Dewatering screen. Pulp screen.
 - Dropplace screen. Rod screen.
 - Fish screen. Semicircular window and screen.
 - Floor screen. Sun screen.
 - Frameless insect screen. Vehicle safety seat.
 - Gyroscopic screen. Vibrating screen.
 - Luminescent screen. Well screen.
 - Mud screen. Window guard and screen.
 - Oil screen. Window screen.
- Screen. C. Dreyfus. 2,334,754; Nov. 23.
- Screen. R. D. Heller. 2,314,875; Mar. 30.
- Screen. W. C. Johnson. 2,331,707; Nov. 23.
- Screen. P. Tartaglia. 2,332,185; Oct. 19.
- Screen and grating for stereoscopic pictures. A. J. M. Klinkum. 2,313,947; Mar. 16.
- Screen and manufacturing it, Film printing. F. Nestleberger. 2,335,021; Nov. 23.
- Screen and ventilator, Combined. R. A. Olsar. 2,309,354; Jan. 26.
- Screen attachment for caves trough. D. W. Hughes. 2,317,272; Apr. 20.
- Screen cleaner. M. C. Cecka. 2,332,780; Oct. 26.
- Screen cleaner. J. B. Tucker. 2,333,348; Nov. 2.
- Screen cloth. R. D. Heller. 2,315,055; Mar. 30.
- Screen cloth, Making. R. D. Heller. 2,317,457; Apr. 27.
- Screen construction. W. R. Fry. 2,309,761; Feb. 2.
- Screen door hook. H. D. McClelland. 2,308,191; Jan. 12.
- Screen door insect trap. W. A. Hall. 2,327,421; Aug. 24.
- Screen for centrifugal machine. A. F. Howe. 2,321,207; June 8.
- Screen for fluorescent lamps, Ultraviolet. W. G. Grimes. 2,324,384; July 13.
- Screen for windows. E. S. Persson. 2,311,413; Feb. 16.
- Screen for windows. Retractable and expandable inside. A. E. Davis. 2,334,482; Nov. 16.
- Screen, Making a. J. E. Harmon. 2,323,713; July 6.
- Screen printing press. R. Orthwine. 2,315,730; Apr. 6.
- Screen printing, Silk. H. A. Weiller. 2,314,913; Mar. 30.
- Screen stencils, Producing. E. O. Norris. 2,332,592; Oct. 26.
- Screen structure, Double. O. C. Gruender. 2,310,736; Feb. 16.
- Screen unit. A. Hauge. 2,321,675; June 15.
- Screening apparatus. E. B. Moore. 2,312,665; Mar. 2.
- Screening apparatus. W. J. Parks. 2,311,279; Feb. 16.
- Screening apparatus. D. A. Weber. 2,309,486; Jan. 26.
- Screening apparatus for liquids. R. D. Nichols. 2,307,601; Jan. 6.
- Screening, Black-out. H. N. Renton. 2,323,239; June 29.
- Screening machine. A. L. Adrianson. 2,307,098; Jan. 5.
- Screening mill. C. F. and H. D. Schutte. 2,328,170; Aug. 31.
- Screens, Half-tone. A. Murray. 2,311,071; Feb. 16.
- Screens, Making deep well. H. O. Williams and A. A. Jens. 2,312,458-9; Mar. 2.
- Screens, Making deep well. H. O. Williams and A. A. Jens. 2,327,686-7; Aug. 24.
- Screw. W. A. DeVellier. 2,322,509; June 22.
- Screw and its manufacture. W. A. De Vellier. 2,314,391; Mar. 23.
- Screw and making same. C. E. Hathorn. 2,331,608; Oct. 12.
- Screw and rivet, Combination. E. M. Green. 2,321,378; June 8.
- Screw and rivet, Combined. E. M. Green. 2,321,379; June 8.
- Screw and the like. A. Gerhold. 2,308,914; Jan. 19.
- Screw arrangement for testing machines, Elevating. C. W. Clark. 2,329,826; Sept. 21.
- Screw cap molding machine. W. Strauss. 2,317,823; Apr. 27.
- Screw clamp. G. B. Bosco. 2,314,866; Mar. 30.
- Screw driver. W. A. De Vellier. 2,323,018; June 20.
- Screw driver. B. A. Duffy. 2,329,398; Sept. 14.
- Screw driver. J. H. Gemmell. 2,313,710; Mar. 9.
- Screw driver. D. C. Thomson and M. A. Moers. 2,336,136; Dec. 7.
- Screw driver. M. A. West. 2,317,319; Apr. 20.
- Screw driver, Automatic. M. R. Hutchison, Jr. 2,327,795-6; Aug. 24.
- Screw driver, Power. W. Blair. 2,314,760; Mar. 23.
- Screw driver, Screw-holding. J. Hagness. 2,324,153; July 13.
- Screw driver, Surgeon's bone. C. A. Boyer. 2,312,869; Mar. 2.
- Screw element and washer assembly. C. G. Olson. 2,311,299; Feb. 16.
- Screw joint for sucker rods and the like. W. St. M. E. Crake. 2,337,711; Dec. 28.
- Screw machine. D. M. Davis. 2,323,380; July 6.
- Screw machine. J. H. Mansfield. 2,327,279; Aug. 17.
- Screw plate box. H. J. Smith. 2,323,574; July 6.
- Screw rolling die. C. C. Richards. 2,336,190; Dec. 7.
- Screw rotor. C. O. J. Montelius. 2,321,696; June 15.
- Screw spotter, Set. L. G. Haase. 2,309,765; Feb. 2.
- Screw stick heads, Burnishing. M. R. Hutchison, Jr. 2,322,024; June 15.
- Screw thread lead testing machine. R. S. Fox. 2,321,903; June 15.
- Screw thread mechanism. T. H. and W. H. Briggs. 2,327,013; Aug. 17.
- Screw thread mechanism, and particularly vehicle steering mechanism. T. H. and W. H. Briggs. 2,329,871; Sept. 21.
- Screw-threading appliance. H. H. Chapman. 2,312,149; Feb. 23.
- Screw threads, Method of and apparatus for correcting the lead error of. C. A. Bickle. 2,309,299; Jan. 26.
- Screw threads, Producing relief in. S. J. Harley and J. E. Wainwright. 2,309,813; Jan. 26.
- Screws, Method and apparatus for making self-tapping. 2,330,869; Oct. 5.
- Screws, Method and apparatus for rolling. W. A. De Vellier. 2,314,390; Mar. 23.
- Scrub-bucket assembly. M. A. Bowers. 2,321,981; June 15.
- Scrubber. Bottle. E. N. Yden. 2,334,690; Nov. 23.
- Scum remover. F. G. Stuller. 2,337,859; Dec. 28.
- Scupper valve. F. B. Hooper. 2,320,930; June 1.
- Scythe. H. Sandholt. 2,311,417; Feb. 16.
- Seal. B. Borland. 2,314,814; Mar. 23.

- Seal. L. J. Dornhofer. 2,322,834-5; June 29.
 Seal. A. S. Mackey. 2,327,915; Aug. 24.
 Seal. W. W. Meyer. 2,322,867; June 29.
 Seal. H. O. Schjolin. 2,308,114; Jan. 12.
 Seal. H. J. Vedovell. 2,311,494; Feb. 16.
 Seal and cycle for constructing the same. Glass to metal.
 S. H. Stupkedal and L. R. Prescott. 2,318,135; May 4.
 Seal and insulator. Transmission line. H. O. Peterson.
 2,331,136; Oct. 5.
 Seal and method of manufacture. G. Meister. 2,330,072;
 Sept. 21.
 Seal and tag therefor. W. M. Brooks. 2,312,023; Feb.
 23.
 Seal. Automatic well test. R. L. Midgett. 2,313,762;
 Mar. 16.
 Seal. Closure. S. B. Harris. 2,328,008; Aug. 31.
 Seal construction. B. Dick. 2,319,392; May 18.
 Seal. Floating tank roof. J. H. Wiggins. 2,314,805;
 Mar. 23.
 Seal. Floating tank roof. J. H. Wiggins. 2,329,066;
 Sept. 21.
 Seal. Fluid. D. O. Johnson and A. F. Anderson. Re.
 22,337; June 22.
 Seal. Fluid. F. I. Payne. 2,328,578; Sept. 7.
 Seal for antifriction bearings. T. C. Pew. 2,320,794;
 June 1.
 Seal for bottles. N. and J. Marino. 2,317,626; Apr.
 27.
 Seal for drinking cups. Sanitary. F. M. Dessart.
 2,321,284; June 8.
 Seal for floating tank roofs. J. H. Wiggins. 2,318,134-5;
 May 4.
 Seal for floating tank roofs, Side wall. J. H. Wiggins.
 2,327,083; Aug. 17.
 Seal for floating tank roofs, Side wall. J. H. Wiggins.
 2,329,065; Sept. 21.
 Seal for keels. T. N. Bourke. 2,328,948; Sept. 7.
 Seal for pumps, mixers, and the like. L. C. Huff.
 2,332,150; Oct. 19.
 Seal for rotary kilns. H. B. Whitney. 2,334,663; Nov.
 16.
 Seal for suction rolls, Balanced. E. E. Berry. 2,312,519;
 Mar. 2.
 Seal for washing machines or the like. E. A. Ebert.
 2,315,604; Apr. 6.
 Seal. Grount expanding elastic. F. E. Smith and C. H.
 Paul. 2,333,826; Nov. 9.
 Seal. Insulator. K. Schwartzwalder and R. W. Smith.
 2,317,305; Apr. 20.
 Seal. Liquid. F. E. Payne. 2,326,489; Aug. 10.
 Seal. Lubricant. R. P. Lewis. 2,323,548; July 6.
 Seal means for tube valves. P. A. Kinzie. 2,315,797;
 Apr. 6.
 Seal mechanism. Reclining. H. Miller and J. Schlenther.
 2,319,700; May 18.
 Seal. Oil. H. M. Austin. 2,329,028; Sept. 7.
 Seal. Oil. T. O. Kosatka. 2,319,067; May 11.
 Seal packing gland, Double. G. N. Hein. 2,336,250;
 Dec. 7.
 Seal. Quartz tungsten. C. D. Spencer. 2,310,999; Apr.
 20.
 Seal. Quickly detachable. S. Bright, Jr. 2,323,449;
 July 6.
 Seal. Road joint rope. R. R. Robertson. 2,319,949;
 May 25.
 Seal. Rotary. B. Stevenson. 2,321,871; June 15.
 Seal. Shaft. L. P. Grobel. 2,314,207; Mar. 16.
 Seal. Shaft. A. R. Karlberg. Re. 22,353; July 27.
 Seal. Shaft. F. Shenton and L. Buehler, Jr. 2,323,730;
 July 6.
 Seal. Strap. C. M. MacChesney. 2,319,334; May 18.
 Seal. Tag. M. Canter. 2,311,152; Feb. 16.
 Sealed apparatus. Manufacture of. C. E. Pollard, Jr.
 2,324,595; July 20.
 Sealed articles. Manufacture of. J. T. L. Brown.
 2,324,556; July 20.
 Sealed submersible structure. T. G. Myers. 2,309,707;
 Feb. 2.
 Sealed tag and attaching means therefor. M. Rubinoff.
 2,331,233; Oct. 5.
 Sealing and utilize composition and article coated
 therewith. A. L. Parker. 2,335,958; Dec. 7.
 Sealing and closure device, Storm-window weather. H.
 R. Carney. 2,327,580; Aug. 24.
 Sealing apparatus. L. E. Davies. 2,319,214; May 18.
 Sealing apparatus. C. A. Flood. 2,315,411; Mar. 30.
 Sealing arrangement for elastic fluid turbines and the
 like. G. B. Warren. 2,336,323; Dec. 7.
 Sealing bottles and the like. A. Burkard. 2,326,722;
 Aug. 10.
 Sealing compound. R. H. Schrobe and R. W. Manuel.
 2,324,729; July 20.
 Sealing compound. Waterproof. P. L. Gordon.
 2,309,185; Jan. 26.
 Sealing coupling. W. W. Meyer. 2,331,615; Oct. 12.
 Sealing device. W. C. Childress. 2,315,596; Apr. 6.
 Sealing device. H. Hornschuch. 2,329,990; Sept. 21.
 Sealing device. S. D. Russell. 2,321,250; June 8.
 Sealing device for journals. F. C. Fulcher. 2,336,474;
 Dec. 14.
 Sealing element. J. Bahelka. 2,324,055; July 13.
 Sealing glasses, Making. R. H. Dalton. 2,336,227;
 Dec. 7.
 Sealing machine, Stem. J. C. Haggood. 2,334,001;
 Nov. 9.
 Sealing means. N. F. Fretter. 2,316,059; Apr. 6.
 Sealing means. L. S. Fryer, and W. J. Jokilehto.
 2,321,541; June 8.
 Sealing means. H. R. Greenlee. 2,334,548; Nov. 16.
 Sealing means. F. S. Stoddard. 2,324,332; July 13.
 Sealing means. L. R. Twyman. 2,327,293; Aug. 17.
 Sealing means for ash hopper gates. J. K. Weniger.
 2,317,007; Apr. 20.
 Sealing means for universal joints. A. H. Rzeppa.
 2,323,569; July 6.
 Sealing ring. V. I. McCarthy. 2,326,545; Aug. 10.
 Sealing ring. W. G. Wilson. 2,307,440; Jan. 5.
 Sealing strip, Bottom rail. H. D. Severson. 2,329,791;
 Sept. 21.
 Sealing strips, Applying. A. L. Howard. 2,307,406;
 Jan. 5.
 Sealing structure for containers. I. L. Wilcox. 2,323,505;
 July 6.
 Seals, Making embossed. R. S. Avery. 2,307,909; Jan.
 12.
 Seals, Production of tamperproof. G. D. Mallory.
 2,331,794; Oct. 12.
 Seam construction. W. L. Dieter. 2,323,316; July 6.
 Seam for woven wire fabric. W. J. Taylor. 2,311,885;
 Feb. 23.
 Seam for woven wire fabrics and making same. W. J.
 Taylor. 2,331,814; Oct. 12.
 Seam opening device. P. Gardner. 2,307,023; Jan. 5.
 Seam sealing compound. L. A. O'Leary. 2,326,966; Aug.
 17.
 Seaming cover ends to can bodies. J. Henchert.
 2,327,424; Apr. 24.
 Seaming head and mounting thereon. A. L. Kronquest
 Jan. 12. A. Schmitt. 2,337,999; Dec. 28.
 Seaming machine. W. J. Geist. 2,324,501; July 20.
 Seaming mechanism. F. Krueger. 2,312,102; Feb. 23.
 Seams for tanks, Making corrosion resistant bottom. G.
 B. Cook. 2,317,734; Apr. 27.
 Searchlight. C. W. Clarkson. 2,311,734; Feb. 23.
 Seasoning composition and carrier. C. L. Griffith.
 2,323,466; July 6.
 Seat. See—
 Adjustable seat. Reclining seat.
 Automobile seat. Roof slinding seat.
 Bicycle handle bar seat. Swivel seat.
 Bicycle seat. Tiltable seat.
 Collapsible seat. Tractor seat.
 Folding seat. Valve and valve seat.
 Locking sliding seat. Vehicle seat.
 Motorcycle seat.
 Seat. C. F. Kramer. 2,317,620; Apr. 27.
 Seat. C. R. Morris. 2,333,732; Nov. 9.
 Seat adjustment and lock, Vehicle. H. V. and C. Hedeen.
 2,331,193; Nov. 16.
 Seat and footrest, Adjustable. R. A. Cramer. 2,308,358;
 Jan. 12.
 Seat and support therefor, School desk. W. J. Borgen.
 2,319,202; May 18.
 Seat back. F. Nussbaum. 2,313,020; Mar. 2.
 Seat construction. A. Benick and H. C. Rusch.
 2,324,902; July 20.
 Seat construction. N. C. Clark. 2,323,794; July 6.
 Seat construction. G. R. Cunningham. 2,307,201; Jan. 5.
 Seat construction. C. H. Widman and N. C. Clark.
 2,311,145; Feb. 16.
 Seat construction, Soft edge. L. C. Fisher and H. L.
 Keeler. 2,334,868; Nov. 23.
 Seat construction, Spring. H. H. Hlatt and O. L.
 Kramer. 2,315,791; Apr. 6.
 Seat construction, Vehicle. W. H. Edwards. 2,309,445;
 Jan. 26.
 Seat cover holder. J. H. Shelley. 2,332,073; Oct. 26.
 Seat cover package. J. C. Thomasma. 2,320,955; June 1.
 Seat cushion. C. Saurer. 2,308,964; Jan. 19.
 Seat for automobiles, Auxiliary. F. D. Post. 2,327,288;
 Aug. 17.
 Seat for package binding strands. R. A. Walker.
 2,331,585; Oct. 12.
 Seat for vehicles, Adjustable. H. Gsell. 2,324,207;
 July 13.
 Seat hinge, Theater. S. J. Gedris. 2,312,638; Mar. 2.
 Seat or bench structure for bowling alleys. A. L. Henkel
 and B. M. Ewing. 2,320,595; June 1.
 Seat or chair securing means. R. S. Turner. 2,331,060;
 Oct. 5.
 Seat securing means, Bus. R. S. Turner. 2,311,791;
 Feb. 23.
 Seat slide structure. B. A. Woina. 2,336,433; Dec. 7.
 Seat structure. C. H. Oermann. 2,325,270; July 27.
 Seat structure, Auxiliary. L. J. Belanger. 2,320,344;
 June 1.
 Seating for automobiles, Auxiliary. H. Doty. 2,317,894;
 Apr. 27.
 Secondary and tertiary 3-amino-methyl-polyhydroxy-
 phthalides. W. S. Loewe. Re. 22,264; Feb. 9.
 Sectional boiler. V. Gerich. 2,314,581; Mar. 23.
 Sectional case. T. R. Anderson. 2,311,723; Feb. 23.
 Sectional die. W. F. Heller. 2,310,525; Feb. 9.
 Sectional rigid wagon cover. H. Wiemer. 2,312,512;
 Apr. 2.
 Sectional table. P. Rosenberg. 2,327,743; Aug. 24.

- Sectional thread protector. M. E. Goldberg and R. F. Haughey. 2,319,124; May 11.
- Sectional track block. A. S. Krotz. 2,327,909; Aug. 24.
- Sector plate, Adjustable. E. A. Lundstrom. 2,337,907; Dec. 28.
- Securing device. F. A. Ballou, Jr., and M. W. Moore. 2,308,412; Jan. 12.
- Securing device. E. Morehouse. 2,308,424; Jan. 12.
- Securing device for clocks. H. Junghaus. 2,320,609; June 1.
- Securing device for coffee percolator glass tops. T. Campbell. 2,308,153; Jan. 12.
- Securing hard facing material to tubular members. Method of F. C. Smith, Jr. 2,318,283; May 4.
- Securing means. E. J. Karp. 2,309,249; Jan. 26.
- Securing means for bleacher seats. H. V. Ludwick. 2,333,803; Nov. 9.
- Securing means for elements of extrusion machines. J. H. Ramsey. 2,316,720; Apr. 13.
- Sediment collecting mechanism. J. D. Walker. 2,309,556; Jan. 26.
- Sedimentation tank. M. B. Tark. 2,318,436; May 4.
- Seed-containing sections from half fruit. Removing. M. Ewald. 2,327,343; Aug. 24.
- Seed planting package. S. Kirschenbaum. 2,309,792; Feb. 2.
- Seed planting, seed inoculation, and fertilizer. A. C. Fischer. 2,313,057; Mar. 9.
- Seed sorting machine. L. A. Medcalf. 2,314,593; Mar. 23.
- Seed treating machine. P. Seeber. 2,337,209; Dec. 21.
- Seeder. F. Bauer. 2,334,376; Nov. 16.
- Seeds, Disinfecting. A. Zade. 2,309,289; Jan. 26.
- Segmental grinding wheel. P. E. Meyer. 2,307,632; Jan. 5.
- Seismic circuit. W. H. Mayne. 2,326,153; Aug. 10.
- Seismic circuits. J. O. Parr, Jr. 2,331,623; Oct. 12.
- Seismic exploration method. A. J. Herzenberg. 2,312,642; Mar. 2.
- Seismic exploration. Method and apparatus for. J. P. Woods. 2,325,199; July 27.
- Seismic exploration system. H. Hoover, Jr. 2,307,791; Jan. 12.
- Seismic prospecting system. H. W. Washburn. 2,331,363; Oct. 12.
- Sensing recording. D. S. Jenner. 2,313,091; Mar. 9.
- Sensine reflection surveying. O. S. Petty. 2,331,080; Oct. 5.
- Sensine surveying. L. F. Athy and E. V. McCollum. 2,321,450; June 8.
- Sensine surveying. W. T. Born. 2,324,816; July 20.
- Sensine surveying. R. L. Kline, Jr. 2,334,111; Nov. 16.
- Sensine surveying. E. J. Shimok. 2,320,248; May 25.
- Sensine surveying. B. B. Weatherly and W. T. Born. 2,321,311; June 8.
- Sensine surveying. Method of and apparatus for. J. O. Parr, Jr. 2,331,624; Oct. 12.
- Sensograph amplitude control. J. P. Woods. 2,336,206; July 7.
- Sensographic prospecting. A. C. Winterhalter. 2,325,157; July 27.
- Seismometer. H. Hoover, Jr. 2,307,792; Jan. 12.
- Selecting apparatus. Radio program. C. Horton. 2,318,312; May 4.
- Selecting system. N. I. Hall. 2,326,076; May 25.
- Selecting system. M. E. Mohr. 2,326,551; Aug. 10.
- Selection system. N. I. Hall. 2,326,458; Aug. 10.
- Selection system. L. A. Meacham. 2,317,471; Apr. 27.
- Selection system. L. A. Meacham. 2,326,478; Aug. 10.
- Selective automatic apparatus for reproducing images from records thereof. M. P. Warner and S. S. Liese. 2,318,118; May 4.
- Selective blocking arrangement for the keyboards of teleprinters having complete keyboards. G. Modigliani. 2,320,637; June 1.
- Selective ejector mechanism. C. E. Ekdahl. 2,333,528; Nov. 2.
- Selective machine. J. Postos. 2,315,323; Mar. 30.
- Selective production means for wells. C. H. Barnes. 2,307,983; Jan. 12.
- Selective system. H. M. Bach. 2,313,911; Mar. 16.
- Selective system and apparatus. M. H. Loughridge. 2,323,822; July 6.
- Selective telegraph system. C. R. Walker. 2,327,474; Aug. 24.
- Selective tuned circuit. R. A. Weagant. 2,316,909; Apr. 20.
- Selector. F. A. Hubbard. 2,327,792; Aug. 24.
- Selector mechanism for automatic phonographs. F. H. Osborne and C. J. Hull. 2,319,946; May 25.
- Selector switch. G. Deakin. 2,330,812; Oct. 5.
- Selector, Automatic radio station. A. Wagner. 2,332,767; Oct. 26.
- Selector, Dial operated crossbar. E. Vroom. 2,332,878; Oct. 26.
- Selector, Principal point. H. W. Whitlock. 2,333,134; Nov. 2.
- Selector switch. G. Deakin. 2,336,471; Dec. 14.
- Selector switch circuit. C. R. Gray. 2,336,861; Dec. 14.
- Selenium elements, Reclaiming. O. Saslaw. 2,321,523; June 8.
- Selenium ruby glass. Preparation of. C. R. Austin and J. D. Sullivan. 2,309,070; Jan. 19.
- Self-adjusted brake. W. S. Robeson. 2,327,819; Aug. 24.
- Self-adjusting book cover. R. Carlo. 2,311,153; Feb. 16.
- Self-aligning bearing. G. H. Koch. 2,308,609; Jan. 19.
- Self-angling target trap. H. C. Foster. 2,328,796; Sept. 7.
- Self-balancing system. J. F. Schock and G. L. Broomell, Jr. 2,313,272; Mar. 9.
- Self-centering device for sewer pipes. P. E. Scott. 2,310,122; Feb. 2.
- Self-cleaning automotive air cleaner. H. M. Fitch and W. K. Gregory. 2,309,838; Feb. 2.
- Self-cleaning switch. C. S. Packer. 2,310,595; Feb. 9.
- Self-closing valve. H. C. Krone and W. Meyer. 2,319,069; May 11.
- Self-erecting means for gyroscopic devices. C. B. Roede. 2,323,244; June 29.
- Self-heating food container. L. Katz. 2,315,528; Apr. 6.
- Self-heating food container. F. J. O'Brien. 2,327,447; Aug. 24.
- Self-interrupting clutch. C. G. Strandlund. 2,309,995; Feb. 2.
- Self-loading device for shaker conveyers. J. H. Holstein. 2,326,857; Aug. 17.
- Self-locking box. M. Ullman. 2,319,018; May 11.
- Self-locking freewheel clutch. G. Blackstock. 2,318,283; May 4.
- Self-locking plastic injection mold. C. D. Ryder. 2,319,479; May 18.
- Self-lubricating bearing or axle. W. M. Anderson. 2,336,915; Dec. 14.
- Self-lubricating spinning ring. C. Fillinger. 2,333,069; Oct. 26.
- Self-lubricating valve. H. J. Waddell. 2,331,362; Oct. 12.
- Self-loading picker rod. H. Askew. 2,309,375; Jan. 26.
- Self-loading piston. Le G. Daly. 2,310,917; Feb. 16.
- Self-priming centrifugal mine pump. H. E. Rupp. 2,313,585; Mar. 9.
- Self-priming pump. A. C. Stratton. 2,332,875; Oct. 26.
- Self-propelled amphibian vehicle. E. A. Danforth. 2,330,958; Oct. 5.
- Self-reinforcing paper container. H. K. Gordon. 2,312,895; Mar. 2.
- Self-sealing coupling. D. W. Main and F. P. Hirsch. 2,311,239; Feb. 16.
- Self-sealing detachable coupling. G. H. Hufferd. 2,326,143; Aug. 10.
- Self-sealing petrol pipe. B. Wilkinson and G. Standen. 2,308,343; Jan. 12.
- Self-starting hysteresis motor. H. C. Roters. 2,328,743; Sept. 7.
- Selva for knitted fabrics. W. L. Smith, Jr. 2,324,035; July 13.
- Semaphore. Traffic controlling. L. and A. Canepa. 2,327,400; Aug. 24.
- Semicarton. J. F. Ames. 2,330,255; Sept. 28.
- Semicircular window and screen. F. M. Smith. 2,310,127; Feb. 2.
- Sensing apparatus. E. S. Larson and E. J. Skeppstrom. 2,326,148; Aug. 10.
- Sensing mechanism. G. Tauschek. 2,320,836; June 1.
- Sensitive material. J. Russell. 2,336,299; Dec. 7.
- Sensitive relay mechanism. B. Cyr. 2,327,178; Aug. 17.
- Sensitive switch. B. W. Williams and H. S. Williams. 2,309,230; Feb. 26.
- Sensitizer containing a gel-forming colloidal clay. C. A. Crowley and J. B. Mullen. 2,317,521; Apr. 27.
- Sensitizers. Photographic. K. Kumet, K. Bitterfeld, and O. Riester. 2,320,439; June 1.
- Sensitometry. J. G. Capstaff. 2,326,007; Aug. 3.
- Separable connector. J. Rogoff. 2,335,843; Nov. 30.
- Separable fastener. S. D. Gould. 2,316,737; Apr. 20.
- Separable fastener. J. W. Harper. 2,337,995; Dec. 28.
- Separable fastener. C. M. Johnson. 2,308,695; Jan. 19.
- Separable fastener. L. H. Morin. 2,322,537; June 22.
- Separable snap fastener installation. J. Kral. 2,334,678; Nov. 16.
- Separating albumin from naturally and artificially prepared solutions, particularly blood. P. Voskresensky and M. Shoenet. 2,320,766; June 1.
- Separating and feeding device. Blank. J. Brenzinger. 2,320,712; June 1.
- Separating and grading machine. A. W. Curtis. 2,332,506; Oct. 26.
- Separating and grading machine. R. E. Thurner. 2,322,074; June 15.
- Separating apparatus. A. G. Wery. 2,336,430; Dec. 7.
- Separating calcium values from magnesium values. J. A. Murray. 2,317,396; Apr. 27.
- Separating cineoles from hydrocarbons. Method of. P. H. Scrutcheild. 2,315,986; Apr. 6.
- Separating liquids from solids. Method and apparatus for. B. M. Bird and F. P. Smith. 2,312,829; Mar. 2.
- Separating machine. F. H. Jacobson. 2,315,712; Apr. 6.
- Separating materials, segregating materials, and contacting materials. G. W. Rathjens. 2,334,217; Nov. 16.
- Separating medium or refractory paint for steel sheets. A. A. Frey. 2,308,070; Jan. 12.
- Separating process and apparatus. J. W. Reed. 2,321,514; June 8.

- Separating slide fastener. A. E. Carlin. 2,325,305; July 27.
- Separation apparatus. W. R. Schmitz, Jr. 2,308,031; Jan. 12.
- Separation of acrylic acid nitrile. P. Kurtz, J. Casper, and H. Schwarz. 2,324,854; July 20.
- Separation of hydrocarbons. T. A. Petry, H. D. Noll, and R. Lee. 2,332,493; Oct. 19.
- Separation of ketones and monohydric alcohols from mixtures thereof. F. C. Britton, H. S. Nutting, and L. H. Bosley. 2,324,255; July 13.
- Separation of lower polyhydric alcohols from polyhydric alcohol mixtures. F. J. Leonard. 2,325,781; Aug. 3.
- Separation of materials. F. E. Smith. 2,331,683; Nov. 16.
- Separation of mixtures containing solvents. W. E. Fisher and W. H. Sherron, Jr. 2,327,779; Aug. 24.
- Separation of mixtures of butanol and butyraldehyde. H. H. Hopkins and E. M. Marks. 2,321,748; June 15.
- Separation of polynuclear from mononuclear aromatics. A. V. Grosse and J. M. Mavity. 2,319,813; May 25.
- Separator: See—
- Air separator. Dust separator.
- Baled hay separator. Fluid separator.
- Battery separator. Gravel separator.
- Centrifugal separator. Magnetic separator.
- Coin and check separator. Motor driven cream separator.
- Compaction separator. Rotary deflection separator.
- Continuous action centrifugal separator. Steam separator.
- Cream separator. Storage battery separator.
- Dental separator.
- Separator. R. W. Hart. 2,330,423; Sept. 28.
- Separator. T. B. Lathrop. 2,317,785; Apr. 27.
- Separator and making the same. Composition, storage battery. R. H. Schabert. 2,326,690; Aug. 10.
- Separator and valve thereon. R. G. Lowry and C. V. Doe. 2,314,337; Nov. 10.
- Separator bar for warp stop motion. O. V. Payne. 2,322,385; June 22.
- Separator cylinder. H. Mazza. 2,320,941; June 1.
- Separator device for milk bottles. Chas. A. Bramhall. 2,320,711; June 1.
- Separator disk scrubbing machine. R. L. Meyers. 2,311,066; Feb. 16.
- Separator for coal. Gravity. J. de Koning. 2,328,128; Aug. 31.
- Separator for liquids having different specific gravities. H. A. Thompson. 2,315,017; Mar. 30.
- Separator for refrigeration systems. O. A. E. Ramelow. 2,320,981; June 1.
- Separators. Manufacture of. I. Muller. 2,328,027; Aug. 10.
- Sequence switch. H. P. Mixer. 2,307,633; Jan. 5.
- Sequential control system and apparatus. G. R. Towns. 2,325,440; July 27.
- Server or dispenser. R. Bernhardt. 2,327,618; Aug. 24.
- Service observing system. M. A. Logan and L. G. Schlumpf. 2,319,333; May 18.
- Service stall and service cabinet, Combined. E. J. Bisson. 2,314,118; Mar. 16.
- Service stopper for gas mains, branch pipe connections, and the like. A. S. Foster. 2,321,067; June 15.
- Sevice. T. E. Henderson. 2,336,173; Dec. 7.
- Sevice. Device. Crankcase. L. R. Parson. 2,320,048; May 25.
- Serving implement. R. R. Miller. 2,322,016; June 15.
- Servo system for aircraft. A. B. Hemstreet. 2,322,782; June 29.
- Setcrew. Self-locking. H. T. Hollowell. 2,314,274; Mar. 16.
- Setting mechanism. C. D. Ryan and H. L. Atherton. 2,312,269; Feb. 23.
- Setting tool for bridging plugs. M. L. Hart. 2,308,004; Jan. 12.
- 17-formyl-cycle pentanopolhydrophenanthrenes, Saturated and unsaturated. T. Reichstein. 2,337,271; Dec. 21.
- 17-hydroxy-3-keto compounds of the cyclopentano polyhydrophenanthrene series and producing the same. A. Butenandt and L. Strassberger. 2,334,695; Nov. 23.
- Sewering and bursting machine. Strle. R. G. Ratchford and R. E. Lee. 2,328,582; Sept. 7.
- Sewering and removing rails and the like. R. M. Walters. 2,326,906; Aug. 17.
- Sewage distributor. A. B. Hodges. 2,333,177; Nov. 2.
- Sewage distributor, Rotary. A. A. Page. 2,314,423; Mar. 23.
- Sewage or other waste materials. System and method of treating. M. Levine. 2,317,782; Apr. 27.
- Sewage. Purification of. A. R. Persson and J. O. Nacler. 2,324,593; July 20.
- Sewage screenings which have already been removed from sewage. Treating. J. F. Bolton. 2,308,264; Jan. 12.
- Sewage sludge and the like. Incineration of liquid. M. B. Owen. 2,322,659; June 22.
- Sewage solids and like matter. Digestion of. A. L. Kurtz. 2,331,031; Oct. 5.
- Sewage treatment. F. N. Moerk and G. M. Eisenberg. 2,326,303; Aug. 10.
- Sewage treatment apparatus. C. Yeomans and H. T. Jaffery. 2,323,437; July 6.
- Sewage treatment method and apparatus. P. M. Thayer. 2,335,507; Dec. 21.
- Sewage treatment system. W. H. Lannert. 2,328,655; Sept. 7.
- Sewer and pipe cleaner. P. Saragos. 2,313,599; Mar. 9.
- Sewer cleaner. H. Davidson. 2,322,423; June 22.
- Sewer cleaning mechanism. G. A. Smith. 2,320,309; May 25.
- Sewer sand washer or desander. H. R. Crane and W. D. Osborn. 2,328,060; Aug. 31.
- Sewing case. R. C. Kinney. 2,317,200; Apr. 20.
- Sewing machine. F. Ashworth. 2,329,237; Sept. 14.
- Sewing machine. W. K. R. Beyer. 2,325,467; July 27.
- Sewing machine. V. Bottger. 2,308,910; Jan. 19.
- Sewing machine. H. B. Clayton. 2,324,558; July 20.
- Sewing machine. A. N. Hale. 2,329,160; Sept. 7.
- Sewing machine. P. A. Herr. 2,331,272; Oct. 9.
- Sewing machine. H. Hertzberger. 2,331,822; Nov. 23.
- Sewing machine. J. Hickey. 2,337,193; Dec. 21.
- Sewing machine. H. W. Kutz. 2,337,252; Dec. 21.
- Sewing machine. W. E. Nichols. 2,328,668; Sept. 7.
- Sewing machine. O. Quist. 2,329,484; Sept. 14.
- Sewing machine. C. F. Rubel. 2,310,320; Feb. 9.
- Sewing machine. G. Sauer. 2,323,122; July 6.
- Sewing machine. G. Sauer. 2,321,598; July 20.
- Sewing machine. G. Sauer. 2,329,487; Sept. 14.
- Sewing machine. B. A. Schmitt and A. A. Norlin. 2,337,066; Dec. 21.
- Sewing machine. C. C. Smith. 2,322,397; June 22.
- Sewing machine. D. D. Way, J. M. Naul, and C. R. Schenk. 2,318,442; May 4.
- Sewing machine. A. H. Wels. 2,325,644; Aug. 3.
- Sewing machine. C. F. Whitaker. 2,334,299; Nov. 16.
- Sewing machine attachment. R. J. McFalls and R. Herrington. 2,311,407; Feb. 16.
- Sewing machine attachment for stitching gloves and the like. Zigzag. P. Adragna. 2,332,480; Oct. 19.
- Sewing machine attachments. Edge to edge. D. C. Everett. 2,320,271; May 25.
- Sewing machine. Button. L. G. Burkey. 2,321,090; July 15.
- Sewing machine. Buttonhole. J. H. Pikel. 2,324,235; July 13.
- Sewing machine. Button or the like. R. L. Lyons. 2,334,569; Nov. 16.
- Sewing machine cabinet. W. R. West. 2,318,443; May 4.
- Sewing machine. Chain-stitch. S. Zonis and A. S. Meloy, Jr. 2,332,125; Oct. 19.
- Sewing machine. Chainstitch inseam shoe. A. R. Morrill. 2,332,657; Oct. 26.
- Sewing machine cover plate. A. B. Clayton. 2,318,836; May 11.
- Sewing machine. Cross-stitch. A. Klerner. 2,322,523; June 22.
- Sewing machine for collars. H. Johnston. 2,317,614; Apr. 27.
- Sewing machine frame. F. F. Zeier. 2,325,928; Aug. 3.
- Sewing machine. Lockstitch. F. Ashworth. 2,329,691; Sept. 21.
- Sewing machine loop-taker. D. A. Graesser. 2,330,350; Sept. 28.
- Sewing machine. Loop-taker mechanism for. F. Parry. 2,336,368; Dec. 7.
- Sewing machine lubricating means. A. B. Clayton. 2,311,895; Feb. 23.
- Sewing machine mechanism. C. K. Stotz. 2,317,698; Apr. 27.
- Sewing machine presser foot. B. Antonelli. 2,314,861; Mar. 30.
- Sewing machine. Shoe. F. Ashworth. 2,327,387; Aug. 24.
- Sewing machine. Shoe. F. Ashworth and C. F. Whitaker. 2,331,366; Oct. 12.
- Sewing machine. Shoe. J. Gouldbourn and T. A. Kestell. 2,331,118; Oct. 5.
- Sewing machine. Shoe. O. R. Haas. 2,328,011; Aug. 31.
- Sewing machine. Shoe. O. R. Haas. 2,328,070; Aug. 31.
- Sewing machine stock feed mechanism. Metal. J. G. Moohl. 2,327,921; Aug. 24.
- Sewing machine support. A. Liabastre. 2,322,946; June 29.
- Sewing machine work-guide. R. J. Sailer. 2,334,150; Nov. 9.
- Sewing machines. Button feeding mechanism for. L. G. Burkey. 2,337,181; Dec. 21.
- Sewing machines. Feed-regulator for. A. R. Wood. 2,334,154; Nov. 9.
- Sewing machines. Rotary loop-taker mechanism for. F. Parry. 2,334,644; Nov. 16.
- Sewing machines. Strip-tensioning device for. J. E. Ackerman. 2,335,838; Nov. 30.
- Sewing machines. Uncurling guide for. W. Kneissler. 2,338,043; Dec. 28.
- Sewing machines. Variable feed mechanism for railway. L. F. Remington. 2,337,413; Dec. 21.
- Sewing mechanism. C. J. Davies. 2,328,128; Aug. 31.
- Sewing mechanism. Zig-zag. J. Galkin. 2,311,222; Feb. 16.

- Sextant. F. and H. A. Leister. 2,334,338; Nov. 16.
 Shade and color contrasts in textile fabrics, Producing. F. Bird. 2,321,974; June 15.
 Shade and curtain hanger, Combination. J. H. Masuen. 2,329,633; Sept. 14.
 Shade and means for adjusting same, Modernistic. J. De Falco. 2,320,852; June 1.
 Shade and screen roller, Combination window. A. Zaferkas. 2,307,095; Jan. 5.
 Shade attachment means, Black-out. S. J. Johnson. 2,329,621; Sept. 14.
 Shade, Black-out. J. S. Apfel. 2,310,014; Feb. 2.
 Shade, Black-out. A. M. Goodloe. 2,317,452; Apr. 27.
 Shade, Black-out. B. Hendon. 2,333,931; Nov. 9.
 Shade, Black-out. R. P. Taylor and R. E. Bingman. 2,334,454; Nov. 16.
 Shade, Black-out window. A. L. Thexton. 2,329,667; Sept. 14.
 Shade construction, Black-out. B. Helgoth. 2,314,784; Mar. 23.
 Shade cutter. A. K. Gast. 2,326,293; Aug. 10.
 Shade for fluorescent lamps. L. Ludwig. 2,321,035; June 8.
 Shade Lamp. N. C. and L. R. Foss. 2,308,071; Jan. 12.
 Shade, Lamp. A. Miller. 2,322,045; June 15.
 Shade, Movable. V. V. Steele. 2,324,038; July 13.
 Shade roller bracket. R. F. Smart. 2,320,804; June 1.
 Shade. Ventilating black-out roller. R. R. Butts. 2,328,257; Aug. 31.
 Shadow-line indicator for trimming saws. C. M. Butters. 2,307,820; Jan. 12.
 Shaft and hub connection. R. G. Le Tourneau. 2,317,070; Apr. 20.
 Shaft and leader pin. Self-lubricating. T. C. Zollik. 2,333,067; Oct. 26.
 Shaft bearing. C. L. Bean. 2,310,923; Feb. 16.
 Shaft bearing. D. Firth. 2,318,477; May 4.
 Shaft connection, Flexible. T. L. Fawick. 2,326,450; Aug. 10.
 Shaft coupling. T. C. Bromley and A. Shortland. 2,328,153; Sept. 7.
 Shaft coupling. T. L. Fawick. 2,316,509; Apr. 13.
 Shaft coupling. E. Kressig, F. Tonne, and K. Rosenbaum. 2,332,859; Oct. 26.
 Shaft coupling. S. C. Watson. 2,337,075; Dec. 21.
 Shaft drive for motorcycles. G. B. Weaver. 2,316,477; Apr. 13.
 Shaft driving mechanism. R. L. Wilcox. 2,326,273; Aug. 10.
 Shaft, Flexible. G. T. Latimer. 2,319,409; May 18.
 Shaft lock. A. M. Gurewitsch. 2,314,208; Mar. 16.
 Shaft milling and grinding machine. O. D. Premo. 2,326,391; Aug. 10.
 Shaft sealing means for pumps. J. E. Walker. 2,331,641; Oct. 12.
 Shaft striking apparatus. J. M. Riddell. 2,326,172; Aug. 10.
 Shaft straightener. D. K. Pope. 2,310,151; Feb. 2.
 Shaft straightening press. W. Ernst. 2,336,349; Dec. 7.
 Shaft, Wall. L. L. Hardeaman. 2,323,992; July 13.
 Shafting die. A. Finnie. 2,333,238; Nov. 2.
 Shaftless cone crusher and tilting member therefor. O. C. Gruender. 2,310,737; Feb. 9.
 Shaker, Cocktail. C. T. Jacobs. 2,308,657; Jan. 19.
 Shaker conveyor. E. B. Bergmann. 2,332,431; Oct. 19.
 Shaker conveyor. L. D. Hazenbook. 2,327,305; Aug. 17.
 Shaker conveyor. J. H. Holstein. 2,314,786; Mar. 23.
 Shaker conveyor. B. Wathen. 2,320,988; June 8.
 Shaker, Shale. J. M. Range. 2,321,243; June 8.
 Shaker, Thermometer. G. A. Flanagan. 2,323,808; July 6.
 Shaker, Waste. W. T. Bissell and H. H. Harold. 2,307,483; Jan. 5.
 Shampoo chair. F. H. Ellinger. 2,332,904; Oct. 26.
 Shampoo, Nonfoaming. G. D. Davis. 2,336,166; Dec. 7.
 Shank button holder. J. Brussell. 2,331,170; Oct. 5.
 Shaped bodies from iron powders, Manufacturing. R. U. Volterra. 2,315,302; Mar. 30.
 Shaped body and preparing the same. A. Menger and E. Rock. 2,337,915; Dec. 28.
 Shaped structures from solutions of cellulose derivatives, Manufacture of. L. Lillienfeld. 2,310,969; Feb. 16.
 Shaped surfaces on metal members and article produced thereby, Forming. E. P. Jones. 2,329,270; Sept. 14.
 Shaper. E. B. Peterman. 2,314,660; Mar. 23.
 Shaper, Cigar bunch. S. Clausen. 2,327,020; Aug. 17.
 Shaper tool holder. S. Strobl. 2,319,644; May 18.
 Shaper, Universal. H. C. Langhorst. 2,321,030; June 8.
 Shaping machine, Vertical circular. W. F. Greene. 2,324,127; June 15.
 Shaping or cutting machine. J. T. Hepburn. 2,330,354; Sept. 28.
 Sharpener. W. J. Duncan. 2,326,626; Aug. 10.
 Sharpener construction, Pencil. E. C. Hoffmann. 2,335,148; Nov. 23.
 Sharpener, Cutting chain. A. N. Blum. 2,318,456; May 4.
 Sharpener for the blades of sheep shearing machines. H. J. and W. H. Westerman. 2,337,380; Dec. 21.
 Sharpener, Knife and scissors. I. Wentes. 2,324,805; July 20.
 Sharpener, Lawn mower. A. Silfen. 2,327,827; Aug. 24.
 Sharpener, Lawn mower. J. R. Tedd. 2,321,953; June 15.
 Sharpener, Pencil. A. J. Duany. 2,307,119; Jan. 5.
 Sharpener, Pencil. P. Fletcher. 2,333,714; Nov. 9.
 Sharpener, Pencil. W. H. McCauley, Jr. 2,336,558; Dec. 14.
 Sharpener, Razor blade. A. Loeffler. 2,331,486; Oct. 12.
 Sharpener, Scissors. V. Trapani and H. R. Krohn. 2,321,956; June 15.
 Sharpener, Skate. G. R. Johnson. 2,327,717; Aug. 24.
 Sharpener, Specimen blade. J. Lipshaw. 2,328,221; Aug. 31.
 Sharpening device. J. Gallo. 2,338,033; Dec. 28.
 Sharpening device. A. P. Komow. 2,308,012; Jan. 12.
 Sharpening device. O. D. Premo. 2,309,272; Jan. 26.
 Shaver. See—
 Electric dry shaver.
 Shaver. A. Alexsy. 2,309,431; Jan. 26.
 Shaver. A. Alexsy. 2,318,351; May 4.
 Shaver. E. C. Brull. 2,308,049; Jan. 12.
 Shaver. A. W. Burks. 2,332,498; Oct. 26.
 Shaver. S. Solomon. 2,325,636; Aug. 3.
 Shaver, Adjustable electric. R. Hicks. 2,335,413; Nov. 30.
 Shaver and blower, Ice. C. McLaren. 2,322,306; June 22.
 Shaver, Dry. R. G. Arey. 2,331,646; Oct. 12.
 Shaver, Dry. L. C. Carissimi. 2,317,177; Apr. 20.
 Shaver, Dry. A. B. Harris. 2,332,379; Oct. 19.
 Shaver, Dry. W. L. Martin. 2,331,274; Oct. 5.
 Shaver, Dry. S. and A. M. Richardson. 2,307,303; Jan. 5.
 Shaver, Electric. R. Boyd. 2,336,160; Dec. 7.
 Shaver, Electric. L. E. Nichols. 2,318,255; May 4.
 Shaver, Electric. R. J. Smith. 2,332,405; Oct. 19.
 Shaver, Electric dry. A. Romao. 2,337,623; Dec. 28.
 Shaver head mounting. L. C. Carissimi. 2,331,453; Oct. 12.
 Shaver, Manually operated dry. B. R. Nyhagen. 2,314,731; Mar. 23.
 Shaver, Manually operated dry. B. R. Nyhagen. 2,327,264; Aug. 17.
 Shaver, Motor driven. J. K. Campbell. 2,314,073; Mar. 16.
 Shaver outfit, Sanitary. J. F. Bagley, Jr. 2,323,290; July 6.
 Shaving and tray serving appliance. C. G. Wadsack. 2,312,608; Mar. 2.
 Shaving apparatus. V. R. Abrams. 2,314,264; Mar. 16.
 Shaving apparatus. H. Schenk and W. Sprung. 2,336,806; Dec. 14.
 Shaving device. M. and M. G. Andis, Jr. 2,326,192; Aug. 10.
 Shaving device. R. E. Benner. 2,314,068; Mar. 16.
 Shaving device. G. Dalkowitz. 2,324,070; July 13.
 Shaving device. G. Dalkowitz. 2,334,994-5; Nov. 23.
 Shaving device. R. Naegeli. 2,331,417; Oct. 12.
 Shaving device, Safety. W. H. Greenleaf. 2,315,785; Apr. 6.
 Shaving equipment. J. Holtzman. 2,322,443; June 22.
 Shaving implement. J. A. Hanley. 2,325,606; Aug. 3.
 Shaving implement. W. J. Schaffer and F. N. Layle. 2,307,471; Jan. 5.
 Shaving machine. G. F. Bahr. 2,322,337; June 22.
 Shaving or clipping machine. N. A. Elsner and I. S. Holmquist. 2,307,830; Jan. 12.
 Shaving or clipping machine, Dry. J. Crane. 2,329,595; Sept. 14.
 Shear. P. Franko. 2,307,457; Jan. 5.
 Shear. B. Schubert. 2,333,892; Nov. 9.
 Shear, Power. R. H. Peterson. 2,317,553; Apr. 27.
 Shear sharpener. C. B. Mozdy. 2,335,266; July 27.
 Shearing head. J. H. Rand, Jr., and A. M. Ross. 2,331,501; Oct. 12.
 Shears. F. B. Seeberger. 2,326,178; Aug. 10.
 Shears, Ball bearing. F. R. Coats. 2,307,489; Jan. 5.
 Shears, Grass. J. C. Bowman. 2,329,032; Sept. 7.
 Shears, Hedge. F. B. Lutman. 2,313,651; Mar. 9.
 Shears, Hedge. E. E. Widdowson. 2,337,355; Dec. 21.
 Shears, Pruning. H. C. James. 2,330,959; Feb. 16.
 Shears, Removable blade. E. L. Rasmussen. 2,333,740; Nov. 9.
 Shears, Two-unit work-shelf. F. Toop. 2,325,347; July 27.
 Sheaths, Removing mud. R. W. Stuart. 2,322,484; June 22.
 Sheave. E. J. Otto. 2,331,498; Oct. 12.
 Sheave and pressure rider. J. C. Patterson, Jr. 2,326,670-1; Aug. 10.
 Sheave or pulley, particularly adapted for looms. C. Van Deventer, III, and J. Deans. 2,315,301; Mar. 30.
 Sheepskins, Dyeing woolled. J. Burchill. 2,336,221; Dec. 7.
 Sheerness meter. J. Barney. 2,312,953; Mar. 2.
 Sheet and making same, Cork-rubber. G. H. Swart. 2,337,169; Dec. 21.
 Sheet and producing same for economical production of blanks. R. W. Messenger. 2,335,292; Nov. 30.
 Sheet and signature handling mechanism. J. E. Meyer. 2,318,953; May 11.
 Sheet apparatus. M. T. McDermid. 2,330,903; Oct. 5.
 Sheet arrangement for the stretching of surfaces. H. T. H. Androsen. 2,319,236; Mar. 78.
 Sheet, Baker's. R. E. Cyr. 2,330,410; Sept. 28.

- Sheet bodies, Forming laminated. F. M. Weir. 2,335,624; Nov. 30.
- Sheet bowing support for oven conveyers. C. H. Whitaker. 2,338,015; Dec. 28.
- Sheet cutter. M. Meyers. 2,325,418; July 27.
- Sheet cleaning apparatus. W. R. Boyer. 2,321,179; June 8.
- Sheet collecting and folding mechanism for printing presses. J. E. Meyer. 2,335,131; Nov. 30.
- Sheet cutting apparatus. P. Landrock. 2,308,080; Jan. 12.
- Sheet delivery. E. W. and F. R. Belluche. 2,318,451; May 4.
- Sheet delivery mechanism. E. Kluge. 2,318,165; May 4.
- Sheet fastening means. H. K. Foote. 2,317,047; Apr. 20.
- Sheet feeder. C. W. Harrold. 2,317,993; May 4.
- Sheet feeder. H. A. Pritchard. 2,309,979; Feb. 2.
- Sheet feeding apparatus. H. L. Kabel. 2,335,064; Nov. 23.
- Sheet feeding apparatus. A. Norick. 2,315,646; Apr. 6.
- Sheet feeding apparatus. H. Osborn. 2,335,078; Nov. 23.
- Sheet feeding device. J. H. Murch and W. P. Winters. 2,336,409; Dec. 14.
- Sheet feeding mechanism. O. Kleinschmidt and O. Mueller. 2,309,600; Jan. 26.
- Sheet feeding mechanism. B. D. Stevens. 2,313,100; Mar. 9.
- Sheet glass washing apparatus. O. H. Paddock and C. B. Schafer. 2,312,186; Feb. 23.
- Sheet handling apparatus. S. A. Huffman. 2,325,059; July 27.
- Sheet handling apparatus. A. Neuhaert. 2,309,662; Feb. 2.
- Sheet handling mechanism. W. A. Robinson, Sr. 2,310,995; Feb. 16.
- Sheet hold-down device for presses. C. F. Root. 2,308,308; Jan. 12.
- Sheet, Image. F. Krone. 2,318,949; May 11.
- Sheet. Luminous adhesive. C. H. Corwin. 2,333,641; Nov. 9.
- Sheet machine. Felt. A. B. Feldmann. 2,313,202; Mar. 9.
- Sheet magazine and feeding device for typewriting machines. C. W. Potter. 2,314,245; Mar. 16.
- Sheet making apparatus. E. M. Kratz. 2,316,173; Apr. 13.
- Sheet material. A. J. Daly, P. R. Hawtin, and B. Shaw. 2,332,559; Oct. 26.
- Sheet material and making the same. E. Czapiek. 2,329,983; Sept. 21.
- Sheet material. Casting. J. H. Rooney, P. R. Hawtin, and D. C. Macpherson. 2,320,173; June 1.
- Sheet material fastening tool. J. J. Domonkos. 2,313,228; Mar. 9.
- Sheet material. Felting. C. G. Muench. 2,336,628; Dec. 14.
- Sheet material. Laminated. W. C. Calvert. 2,317,730; Apr. 27.
- Sheet material. Making. W. C. Toland and E. Basslet. 2,311,489; Feb. 16.
- Sheet material. Method and apparatus for forming. K. L. May and E. L. Williamson. 2,332,926; Oct. 26.
- Sheet material. Method and apparatus for working. F. B. Pfeiffer. 2,312,049; Feb. 23.
- Sheet material. Production of. P. R. Hawtin and C. Gardner. 2,329,431; June 1.
- Sheet material punching apparatus. G. F. Wales. 2,325,299; July 27.
- Sheet material punching apparatus. G. F. Wales. 2,325,090; Aug. 3.
- Sheet material shearing tool. R. Brenning. 2,329,387; Sept. 14.
- Sheet material structure. A. N. Plante. 2,311,867; Feb. 23.
- Sheet metal adjusting nut or the like. G. A. Tinnerman. 2,324,653; July 20.
- Sheet metal and apparatus therefor. Rolling. E. A. Nelson. 2,315,810; Apr. 6.
- Sheet metal brake. S. Bowman. 2,312,021; Feb. 23.
- Sheet metal brake. S. Bowman. 2,325,736; Aug. 3.
- Sheet metal can bodies, Flanging. J. Coyle. 2,335,916; Dec. 7.
- Sheet metal cans, Manufacturing. A. L. Kronquest. 2,327,437; Aug. 24.
- Sheet metal casing. A. Cohn. 2,332,299; Oct. 19.
- Sheet metal clamp. W. P. Lowther. 2,313,883; Mar. 16.
- Sheet metal clamp. G. Yates. 2,327,148; Aug. 17.
- Sheet metal container. A. L. Merolle. 2,313,161; Mar. 9.
- Sheet-metal container. J. Mills and C. W. Lang. 2,321,408; June 8.
- Sheet metal container. R. Nyden. 2,307,290; Jan. 5.
- Sheet metal container. H. Schrader. 2,338,013; Dec. 28.
- Sheet metal containers, Making black iron. N. H. Goldsworthy. 2,322,845; June 29.
- Sheet metal cutter. H. Bancroft. 2,308,148; Jan. 12.
- Sheet metal. Cutting and forming. C. C. Misdeldt. 2,308,998; Jan. 19.
- Sheet metal. Forming. C. J. Frey and S. Thomas. 2,321,075; June 8.
- Sheet metal hook and forming same, Pressed. J. O. Richard. 2,327,669; Aug. 24.
- Sheet metal tamperproof container. F. J. O'Brien. 2,338,051; Dec. 28.
- Sheet or strip of constructional material, Preformed. F. D. Parmenter. 2,336,565; Dec. 14.
- Sheet pack, Spot carbon form. C. W. Potter. 2,327,215; Aug. 17.
- Sheet paper dispenser. W. H. Ensminger. 2,331,757; Nov. 23.
- Sheet piling. J. B. Brockhurst. 2,322,819; June 29.
- Sheet. Pressure-sensitive adhesive. R. I. Coulter. 2,328,057; Aug. 31.
- Sheet pulp containing forming apparatus. L. M. Wiley. 2,337,581; Dec. 28.
- Sheet. Reinforced, asbestos cement. E. R. Hartrap. 2,335,208; Nov. 23.
- Sheet securing and retaining device. J. R. Hicks. 2,336,933; Dec. 14.
- Sheet sorting table. O. E. Martin, J. W. Pick, and E. Reed. 2,315,003; Mar. 30.
- Sheet supporting means for tin plate sheet feeders. G. E. Vannoni and C. E. Magnus. 2,338,050; Dec. 28.
- Sheet treating machine. C. S. Woolford. 2,311,014; Feb. 18.
- Sheet trimming and handling device. R. A. Williams and W. S. Cochran. 2,324,751; July 20.
- Sheet trimming device. R. A. Williams. 2,316,205; Apr. 13.
- Sheet trimming machine, Foursquare. W. G. Plumb. 2,331,645; Nov. 16.
- Sheeting. P. C. Seel. 2,307,962; Jan. 12.
- Sheeting. Adhesive. R. G. Drew. 2,332,137; Oct. 19.
- Sheeting, Nontacky adhesive coated. G. F. Nadeau and C. B. Starck. 2,322,048; June 15.
- Sheeting, producing a non-sticking, smooth, flameproof, thin, flexible. W. D. White. 2,316,496; Apr. 13.
- Sheeting, Static-free. J. K. Spelcher. 2,324,887; July 20.
- Sheets and binding the same, Bound groups of. W. G. Read. 2,338,059; Dec. 28.
- Sheets and similar materials, Treatment of. H. Dreyfus. 2,328,065; Aug. 31.
- Sheets, coatings and the like, Measurement or indication of the thickness of thin. H. C. Turner and B. A. Fielding. 2,307,649; Jan. 5.
- Sheets for drawing, tracing, and copy reproduction, Manufacture of transparentized. W. M. Hinman and W. G. Hollmann. 2,323,460; July 6.
- Sheets, Making folded. R. G. Quinn and H. Larson. 2,307,639; Jan. 5.
- Shets. Making insole. H. G. Lumbard. 2,311,766; Feb. 23.
- Shets or bands from highly viscous cellulose solutions, Manufacture of. A. Wunderer. 2,325,574; July 27.
- Shets or rolls of gasket material, Making continuous. F. H. Garman. 2,313,508; Mar. 9.
- Shets or webs of plastic material, Manufacture of continuous. B. P. Hazeltine and E. R. Derby. 2,330,282; Sept. 28.
- Shets, Patching veneer. P. F. Skoog. 2,336,703-4; Dec. 14.
- Shets, Preparing. C. B. Egolf. 2,328,525; Aug. 31.
- Shets, Registering. H. T. Backhouse. 2,328,943; Sept. 7.
- Shets such as tablecloths and the like, Folding of. F. W. Clegg. 2,308,155; Jan. 12.
- Shets. J. E. Rosebrook and O. E. Norberg. 2,321,859; June 15.
- Shets, especially for refrigerators. R. L. Hallowell. 2,315,053; Mar. 30.
- Shelf for ladders, Detachable. H. Larsen and J. Kreer. 2,308,180; Jan. 12.
- Shelf, Half. G. C. Harbison. 2,308,330; Jan. 12.
- Shelf or rack suitable for refrigerators or the like. B. L. McArdle. 2,312,765; Mar. 2.
- Shelf, Sectional slidable. E. Swedman. 2,317,232; Apr. 20.
- Shelf support, Sliding. J. E. Oppenorth. 2,307,233; Jan. 5.
- Shelf unit, Adjustable. M. Keeshen. 2,326,864; Aug. 17.
- Shelving, Adjustable. C. W. Attwood. 2,329,815; Sept. 21.
- Shelving, Sectional. H. C. Perry. 2,319,877; May 25.
- Shell bodies, Making of. C. A. Witter. 2,336,583; Dec. 14.
- Shell casing supporting and protector ring. F. H. Wyman. 2,324,184; July 13.
- Shell crimper, Cartridge. C. S. Rosson. 2,321,321; June 8.
- Shell-feeding device. W. S. Pilcher. 2,320,465; June 1.
- Shellfish, Separating shells and meats of bivalve. H. E. Goldermans and A. de Hond. 2,337,188; Dec. 21.
- Shell forgings and the like, Producing. S. Findlater. 2,318,069; May 4.
- Shell, Practice. W. M. Allen. 2,322,212; June 22.
- Sheller, Corn. I. E. Borchers. 2,325,654; Aug. 3.
- Sheller, Tractor mounted picker. B. M. Hyman. 2,318,400; May 4.
- Shells, Making thin sheet metal. G. E. Bullock. 2,312,749; Mar. 2.
- Shelter attachment for motor vehicles. C. P. Ward. 2,315,680; Apr. 6.
- Shelter for motor vehicles, Portable. O. Bramblett. 2,311,514; Feb. 16.
- Shield. P. H. Davey. 2,316,055; Apr. 6.

- Shield, M. V. St. Clair. 2,335,706; Nov. 30.
 Shield, G. Stovall. 2,327,678; Aug. 24.
 Shield and supply container, Combined welder's. H. S. Grace. 2,325,506; July 27.
 Shield, Antitortepedo. W. W. Mount. 2,313,664; Mar. 9.
 Shield, Blackout. D. H. Wright. 2,316,305; Apr. 13.
 Shield, Collapsible wind-spray. C. A. Rundquist. 2,308,109; Jan. 12.
 Shield, Dress. R. Krantz. 2,336,940; Dec. 14.
 Shield, Face. W. F. Serr. 2,328,687; Sept. 7.
 Shield, Flashlight. E. K. Madan. 2,333,541; Nov. 2.
 Shield for bench grinders, Safety. C. Powers. 2,315,132; Mar. 30.
 Shield for electron emission tubes, One piece. E. F. Stavov. 2,321,259; June 8.
 Shield for pustules from vaccination against smallpox. J. Erdelyi. 2,330,693; Sept. 28.
 Shield for rearview mirrors. C. D. Kelly. 2,327,802; Aug. 24.
 Shield for ships, Torpedo. C. T. Russ. 2,331,933; Oct. 19.
 Shield for tank heads, Thermal. R. Ewing. 2,327,628; Aug. 24.
 Shield for windows, Heat saving. I. Goldmerstein. 2,320,125; May 25.
 Shield, Hair driver. G. A. Cary and L. H. Stanley. 2,323,515; July 6.
 Shield, Milk bottle. L. H. Merrill. 2,333,328; Nov. 2.
 Shield, Radio. W. D. Dayton. 2,316,504; Apr. 13.
 Shield, Spark plug. E. N. Jacobi. 2,323,390; July 6.
 Shield, Tormentor. A. A. Tonnison and J. D. Tonnison. 2,315,980; Apr. 6.
 Shield, Windshield. A. P. Dillow. 2,331,600; Oct. 12.
 Shield, X-ray. L. J. Strobino. 2,328,105; Aug. 31.
 Shield, X-ray. G. G. Wasisco. 2,331,586; Oct. 12.
 Shielded amplifier reversing switch. R. C. Curtis. 2,318,761; May 11.
 Shielded radio tube. P. Davie and A. L. Halvorsen. 2,307,027; Jan. 5.
 Shielded spark plug, for aircraft engines. H. Rabezzana. 2,336,570; Dec. 14.
 Shielding. F. J. W. Schoenherr. 2,317,813; Apr. 27.
 Shielding device. W. J. Wesseler. 2,326,713; Aug. 10.
 Shielding for communication circuits. W. E. Mougey. 2,319,714; May 18.
 Shielding for high frequency switches. H. F. Mayer. 2,333,659; Nov. 9.
 Shields, Manufacturing. F. and I. Himmler. 2,313,236; Mar. 9.
 Shiftable, rotary operative fastener. L. G. Pender. 2,327,331; Aug. 17.
 Shiftable steering wheel. D. G. Roos. 2,335,966; Dec. 7.
 Shingle. H. Abraham. 2,307,751; Jan. 18.
 Shingle, Ceramic. A. F. De Vault. 2,307,734; Jan. 12.
 Shingle, Composition. T. McVoy. 2,323,230; June 29.
 Shingle counting device. F. W. Adams. 2,311,627; Feb. 23.
 Shingle unit, Gable trim. H. L. Owen. 2,318,413; May 4.
 Shingle and like product, Cement-asbestos. P. Mooney. 2,322,825; July 6.
 Shingles, Making asbestos cement. A. F. De Vault. 2,307,733; Jan. 12.
 Ship. J. Long. 2,323,063; June 29.
 Ship. M. C. Schwab. 2,331,735; Oct. 12.
 Shipbuilding. P. R. Harris. 2,337,101; Dec. 21.
 Ship building staging. C. W. Miller. 2,337,674; Dec. 30.
 Ship construction. J. H. Odenbach. 2,328,028; Aug. 31.
 Ship construction, Armored. J. C. McQuerry. 2,308,820; Jan. 19.
 Ship control. H. W. Brohus. 2,317,251; Apr. 20.
 Shipslapping apparatus, Corner. P. H. Kinports. 2,335,767; Nov. 30.
 Shipslapping machine. P. H. Kinports. 2,335,768; Nov. 30.
 Ship launching ways assemblage. B. Smith. 2,331,794; Nov. 23.
 Ship propulsion. I. G. Grant. 2,322,014; June 15.
 Ship propulsion. J. T. Troth. 2,330,764; Sept. 28.
 Ship salvaging apparatus. C. M. Zoll. 2,329,972; Sept. 21.
 Ship torpedo protector. L. Kolman. 2,321,213; June 8.
 Ship with convertible platform. S. E. Posin. 2,329,941; Sept. 21.
 Shipping and display container. J. T. Crandall. 2,307,571; Jan. 5.
 Shipping and display container for toys, etc., Combination. M. Ullman. 2,313,376; Mar. 9.
 Shipping and display package for candy suckers. W. R. Dieter. 2,311,934; Feb. 23.
 Shipping container. F. Dieffield. 2,318,763; May 11.
 Shipping container. C. I. Elliott. 2,330,347; Sept. 28.
 Shipping container. R. C. Hurrey and R. T. Adams. 2,326,947; Aug. 17.
 Shipping container. L. V. Lucia and E. W. Horndahl. 2,315,532; Apr. 6.
 Shipping container. L. Schwartzberg. 2,311,473; Feb. 16.
 Shipping container. H. F. Waters. 2,331,010; Oct. 5.
 Shipping container, Expansion. H. T. Snyder. 2,329,444; Sept. 14.
 Shipping container for baby chicks and making same. G. H. Olvey. 2,312,846; Mar. 2.
 Shipping container for breakable sheets. W. P. Hilger. 2,337,463; Dec. 21.
 Shipping container, Refrigerated. L. F. Clerc. 2,325,371; July 27.
 Shipping device for light airplane parts. O. C. Ferguson. 2,327,410; Aug. 24.
 Shipping dock board. G. Rydner. 2,329,855; Sept. 21.
 Shipping dock for variable water-level usage. F. Vogler. 2,336,140; Dec. 7.
 Shipping element. S. Price. 2,308,713; Jan. 19.
 Shirt. J. J. DeMarco. 2,332,134; Oct. 19.
 Shirt. O. Horowitz. 2,336,398; Dec. 7.
 Shirt, Combination sport and dress. J. C. Leeds. 2,310,899; Feb. 9.
 Shirt or like garment. F. DiIuglio. 2,313,521; Mar. 9.
 Shirt protector. R. J. Hennessey, W. D. Genck, and R. Guyer. 2,314,213; Mar. 16.
 Shirt protector. S. Lighter. 2,327,196; Aug. 17.
 Shirt, Sports. F. W. Bryant. 2,314,072; Mar. 16.
 Shock absorber. A. Boor, J. M. Nickelsen, C. E. Read, and R. H. Whisler, Jr. 2,335,907; Dec. 7.
 Shock absorber. J. Chudner. 2,320,221; May 25.
 Shock absorber. F. M. Guy. 2,314,493; Mar. 23.
 Shock absorber. M. Ireland. 2,319,997; May 25.
 Shock absorber. E. W. Johnson. 2,321,818; June 15.
 Shock absorber. F. W. Johnson. 2,331,782; Oct. 12.
 Shock absorber. H. K. Kouyoumjian. 2,312,718; Mar. 2.
 Shock absorber. B. L. Mallory. 2,326,665; Aug. 10.
 Shock absorber. O. D. Premo. 2,312,052; Feb. 23.
 Shock absorber. P. W. Thornhill. 2,308,404; Jan. 12.
 Shock absorber. C. B. Vickers. 2,318,437; May 4.
 Shock absorber arrangement, especially for motor vehicles. M. Balz and K. Kosche. 2,320,552; June 1.
 Shock absorber, Double-acting velocity type. R. H. Whisler, Jr. 2,327,295; Aug. 17.
 Shock absorber for knee action or the like, Friction type. B. L. Mallory. 2,318,873; May 11.
 Shock absorber for use on walking beams of drilling rigs. A. Shacklette. 2,312,126; Feb. 23.
 Shock absorber, Inertia controlled. R. H. Whisler, Jr. 2,329,803; Sept. 21.
 Shock absorber structure, Hydraulic. A. Boor and C. E. Read. 2,324,058; July 13.
 Shock absorber structure, Hydraulic. R. H. Whisler, Jr. 2,316,924; Apr. 20.
 Shock absorber with spring-plate valve. R. Binder. 2,320,697; June 1.
 Shock absorbing apparatus. R. L. Chenault. 2,309,499; Jan. 26.
 Shock absorbing construction, Airplane pickup and delivery. L. S. Adams. 2,334,979; Nov. 23.
 Shock absorbing coupling. R. O. Anderson. 2,307,187; Jan. 5.
 Shock absorbing mechanism. L. W. Setz. 2,325,430; July 27.
 Shock absorbing mechanism, Friction. G. E. Dath. 2,329,338; Sept. 14.
 Shock absorbing mechanism, Friction. G. E. Dath. 2,328,847; Dec. 7.
 Shock absorbing suspension device for vehicles. P. W. Thornhill. 2,336,137; Dec. 7.
 Shock absorption mechanism for axles of motor cars. B. Barényi. 2,330,541; Sept. 28.
 Shockproof gear. E. G. Hines and E. Barany. 2,307,129; Jan. 5.
 Shock strut. C. V. Johnson. 2,313,242; Mar. 9.
 Shock-withstanding bearing. F. W. Meredith and F. H. Owens. 2,330,729; Sept. 28.
 Shoe. A. J. Brauer. 2,325,004; July 20.
 Shoe. M. B. Browne. 2,312,872; Mar. 2.
 Shoe. N. B. Cutler. 2,311,738; Feb. 23.
 Shoe. N. Ettehrick, Sr. and Jr. 2,318,148; May 4.
 Shoe. J. Fein. 2,316,325; Apr. 13.
 Shoe. V. Forschner. 2,314,205; Mar. 16.
 Shoe. D. Gellman. 2,326,776; Aug. 17.
 Shoe. J. Hirsch. 2,327,043; Aug. 17.
 Shoe. A. L. Jalbert. 2,322,297; June 22.
 Shoe. T. O. Johnsen. 2,315,334; Mar. 30.
 Shoe. P. N. La Chapelle. 2,333,257; Nov. 2.
 Shoe. C. E. Olson. 2,324,591; July 20.
 Shoe. H. Plant. 2,313,577; Mar. 9.
 Shoe. C. Tweedie. 2,330,459; Sept. 28.
 Shoe. P. Weinstat. 2,317,870; Apr. 27.
 Shoe and heel construction. W. Clausung. 2,321,734; June 15.
 Shoe and its manufacture. H. L. Pierson. 2,319,879; May 25.
 Shoe and like, Skating. C. Jewtraw. 2,312,911; Mar. 2.
 Shoe and making same. O. Fern. 2,318,846; May 11.
 Shoe and making same. V. Forschner. 2,327,415; Aug. 24.
 Shoe and making shoes. C. D. Turner. 2,313,902; Mar. 16.
 Shoe and making the same. F. L. Ayers. 2,336,770; Dec. 14.
 Shoe and making the same. C. W. Baker. 2,319,288; May 18.
 Shoe and making the same, Prevett. G. A. Miner. 2,337,121; Dec. 21.
 Shoe and outsole therefor. J. Gregg. 2,307,401-2; Jan. 5.

- Shoe and outsole therefor. J. E. Harding. 2,326,216; Aug. 10.
- Shoe and outsole therefor. C. L. Wilpan. 2,315,759; Apr. 6.
- Shoe and shoe bottom unit and making the same. C. D. Turner. 2,321,713; June 15.
- Shoe and the like. S. Brandel and H. Perrot. 2,326,198; Aug. 10.
- Shoe and welting therefor. Welt. N. B. Cutler. 2,312,527; Mar. 2.
- Shoe assembly. Contact. R. H. Clapp. 2,331,825; Oct. 12.
- Shoe bottom coating machine. W. L. MacKenzie. 2,321,691; June 15.
- Shoe bottom coating machines. J. R. Oliver. 2,325,148; July 27.
- Shoe bottom units and making the same. T. C. Morris and F. S. Gregory, Jr. 2,317,475; Apr. 27.
- Shoe bottoms. Machine for applying pressure to. S. J. Finn. 2,337,093; Dec. 21.
- Shoe construction. A. E. Bowman. 2,328,049; Aug. 31.
- Shoe construction. S. Gallo. 2,308,873; Jan. 19.
- Shoe construction. J. Nurr. 2,311,959; Feb. 23.
- Shoe construction. C. F. Hoyt. 2,322,721; Nov. 9.
- Shoe construction. F. S. Payne. 2,322,552; Oct. 19.
- Shoe construction. J. H. Slater. 2,327,529; Aug. 17.
- Shoe container. M. L. Donnellan. 2,333,643; Nov. 9.
- Shoe counter. M. F. Sullivan. 2,319,356; May 18.
- Shoe fitting device. E. J. Bliss. 2,320,768; June 1.
- Shoe fitting device. E. J. Bliss. 2,326,820; Aug. 17.
- Shoe for children. Educational. G. Hume. 2,313,874; Mar. 16.
- Shoe form. A. F. Levaggi. 2,323,228; June 29.
- Shoe form. R. E. Woodard and A. C. MacLean. 2,322,267; June 22.
- Shoe. Golf. I. Sabel and L. S. Macdonald. 2,315,874; Apr. 6.
- Shoe having an impregnated fabric sole. E. H. Enok. 2,333,303; Nov. 2.
- Shoe having laminated sole and making the same. H. and O. Ghez. 2,311,746; Feb. 23.
- Shoe heel. C. A. Bauer. 2,328,523; Aug. 31.
- Shoe heel. C. I. Simon. 2,312,197; Feb. 23.
- Shoe heel. Circular. A. F. Smith, Sr. 2,313,368; Mar. 9.
- Shoe heels. Making. J. Susskind. 2,324,889; July 20.
- Shoe heels. Making. F. L. Ayers. 2,325,191; Apr. 6.
- Shoelace fastening device. E. W. Storey. 2,324,962; July 20.
- Shoelaces and the like. Packaging. H. A. Moe. 2,307,530; Jan. 5.
- Shoe last. N. V. Levitt. 2,309,775; Feb. 2.
- Shoe lasting apparatus. J. S. Kamborian. 2,314,047; Mar. 16.
- Shoe lasts. Making. W. L. Baxter. 2,330,260; Sept. 28.
- Shoe. Low. G. K. Guinzburg. 2,335,210; Nov. 23.
- Shoe machine. C. G. Brostrom. 2,330,364; Sept. 28.
- Shoe machine. B. Jorgensen. 2,328,077; Aug. 31.
- Shoe machine for sewing and lasting. A. R. Morrill. 2,323,347; July 6.
- Shoe machinery. K. L. Logemann. 2,327,806; Aug. 24.
- Shoemaking. C. A. Strittler. 2,325,639; Aug. 3.
- Shoemaking apparatus. A. M. Simpson. 2,332,010; Oct. 19.
- Shoemaking method. A. L. Russell and W. M. Watson. 2,318,103; May 4.
- Shoe manufacture. A. Rubin and G. A. Faber. 2,314,125; Mar. 23.
- Shoe manufacture. Frewelt. K. Engel. 2,312,531; Mar. 2.
- Shoe. Moccasin type. W. Braun. 2,329,819; Sept. 21.
- Shoe. Nonskid. J. B. Lau. 2,311,116; Feb. 16.
- Shoe. Orthopedic. I. Sabel and L. S. Macdonald. 2,330,800; June 1.
- Shoe parts. Reinforcing. J. J. Brophy. 2,325,656; Aug. 3.
- Shoe platforms. Making. C. Reggie. 2,317,220; Apr. 20.
- Shoe polisher. L. S. Guy. 2,314,394; Mar. 23.
- Shoe press. W. S. Anderson. 2,311,325; Feb. 16.
- Shoe pressing machine. F. V. Hart. 2,330,885; Oct. 5.
- Shoe pressure pad. D. Levy and D. Friedman. 2,319,143; May 11.
- Shoe quarter and forming same. E. Quinn and A. L. Jalbert. 2,316,363; Apr. 13.
- Shoe reaching and straightening device. R. M. Anderson. 2,313,417; Mar. 9.
- Shoe. Rod weeder. A. A. Scarlett. 2,324,883; July 20.
- Shoe. Rubbing. R. J. Champayne. 2,334,173; Nov. 16.
- Shoe. Safety. E. F. Baird. 2,328,601; Sept. 7.
- Shoe sewing machine. F. Ashworth and C. F. Whitaker. 2,316,761; Apr. 20.
- Shoe sewing machine. G. H. Graham. 2,331,318; Oct. 12.
- Shoe sewing machine. O. R. Haas. 2,313,063; Mar. 9.
- Shoe sewing machine. B. T. Leveque. 2,326,726; Aug. 10.
- Shoe sewing machine. B. T. Leveque. 2,337,611; Dec. 28.
- Shoe sewing machine. E. Quinn. 2,327,125; Aug. 17.
- Shoe sewing machine. E. Quinn. 2,332,599; Oct. 26.
- Shoe sewing machine. E. W. Watts. 2,327,146; Aug. 17.
- Shoe sewing machine. C. F. Whitaker. 2,326,272; Aug. 10.
- Shoe sewing machine. C. F. Whitaker. 2,337,631; Dec. 28.
- Shoeshining apparatus. T. L. Finley. 2,325,843; Aug. 3.
- Shoe. Skid. C. A. Ball. 2,332,550; Oct. 26.
- Shoe sole blanks. Making. H. L. Pierson. 2,332,597; Oct. 26.
- Shoe sole press. A. Perri. 2,334,437; Nov. 16.
- Shoe sole punching die. T. F. Carfagno. 2,322,726; June 22.
- Shoe sole treating machines. Feeding means for. W. L. McKenzie. 2,318,697; May 11.
- Shoe stichdown. M. M. Shapiro. 2,309,546; Jan. 26.
- Shoe stichdown. A. P. Swett. 2,309,023; Jan. 19.
- Shoe. Stichdown. H. Rosenzweig. 2,312,124; Feb. 23.
- Shoe supporting jack. A. R. Morrill. 2,331,130; Oct. 5.
- Shoe supporting means for shoe machines. B. Jorgensen. 2,315,111; July 20.
- Shoe supporting means for shoe machines. W. T. B. Roberts. 2,336,035; Dec. 7.
- Shoe tip protector. O. J. Chertok. 2,325,741; Aug. 3.
- Shoe tip protector. O. J. Chertok. 2,314,474; Nov. 16.
- Shoe tongue forming apparatus. A. Johnson. 2,326,656; Aug. 10.
- Shoe. Track. L. B. Hopkins. 2,331,196; Nov. 16.
- Shoe. Track. H. A. Knox. 2,314,355; Mar. 23.
- Shoe. Traction crawler. F. H. Heine. 2,321,202; June 8.
- Shoe tread member. F. W. Nugent. 2,325,562; July 6.
- Shoe tree. E. Grau-Kipper. 2,310,847; Feb. 23.
- Shoe tree. J. R. Eldenberg. 2,320,190; June 1.
- Shoe tree. Adjustable. A. J. Palardy. 2,322,053; June 15.
- Shoe tree holder. E. T. Brace. 2,317,516; Apr. 27.
- Shoe upper. J. J. Crannell. 2,312,078; Feb. 23.
- Shoe upper flanging machine. W. T. Minett. 2,318,763; May 11.
- Shoe upper lacing machine. J. Fossa. 2,311,165; Feb. 16.
- Shoe upper lacing machine. F. A. Keane. 2,325,137; July 27.
- Shoe uppers. Finishing. A. L. Russell. 2,335,360; Nov. 30.
- Shoe uppers. Shaping. P. H. Dixon. 2,318,678; May 11.
- Shoe uppers. Shaping and smoothing. M. L. Dodge. 2,308,271; Jan. 12.
- Shoe with laminated wood sole. J. Lewis. 2,324,094; Jan. 13.
- Shoes and slippers. Making. D. J. Calderazzo. 2,320,406; June 1.
- Shoes. Attaching soles to. S. J. Finn. 2,337,092; Dec. 21.
- Shoes. Making. F. L. Ayers. 2,311,630; Feb. 23.
- Shoes. Making. R. McDonald. 2,314,098; Mar. 16.
- Shoes. Making. J. M. Rohrer. 2,331,348; Oct. 12.
- Shoes. Making. M. I. Kovick. 2,318,014; May 4.
- Shoes. Making prewelt. J. H. Gaquin. 2,330,823; Oct. 5.
- Shoes. Making prewelt. A. L. Jalbert. 2,325,682; Aug. 3.
- Shoes. Making stitchdown. Frank J. Braga. 2,316,045; Apr. 6.
- Shoes. Manufacturing. A. E. Murray. 2,332,000; Oct. 19.
- Shoes. Method used in the manufacture of. G. F. Ryan. 2,320,475; June 1.
- Shooting wells. Placing explosives in. R. C. Buchan. 2,330,110; Sept. 21.
- Shopping bag. L. W. Harlem. 2,325,853; Aug. 3.
- Shore head structure. A. H. Symons. 2,331,247; Oct. 5.
- Shore jack. H. L. Martin. 2,311,093; Feb. 16.
- Short dot test equipment. D. R. Goddard. 2,323,534; July 6.
- Short-wave keying device. P. F. Byrne. 2,321,456; June 8.
- Short wave system. Ultra. P. S. Carter. 2,312,799; Mar. 2.
- Short wave tuned circuit arrangement. P. D. Zottu. 2,327,219; Dec. 21.
- Shot. Chain. J. D. Forbes. 2,322,624; June 22.
- Shoulder pad. Self-conforming. I. Walcott. 2,329,496; Sept. 14.
- Shovel. G. Schmal. 2,312,736; Mar. 2.
- Shovel. A. E. Yensen. 2,318,277; May 4.
- Shovel and conveyer. Ash. L. Juustinen. 2,334,101; Nov. 9.
- Shovel. Incendiary protective. H. G. McDonald. 2,317,688; Apr. 27.
- Shovel. Power. G. W. Dooley, E. W. and C. C. Baldwin. 2,319,921; May 25.
- Shovels or the like. Auxiliary handle for. A. F. Buser. 2,337,643; Dec. 28.
- Showcase. Store window. R. L. Phillips. 2,319,433; May 18.
- Shower bath mechanism. E. W. Kaiser. 2,336,402; Dec. 7.
- Shower bath. Portable. J. Ortyl. 2,308,452; Jan. 12.
- Shower cabinet. F. W. Steffert. 2,308,571; Jan. 19.
- Shower head. J. R. Turek and C. Bolling. 2,316,135; Apr. 6.
- Shrinkproofing process. P. Arthur, Jr. 2,311,507; Feb. 16.
- Shrinking machine. A. E. Ushakoff. 2,315,676; Apr. 8.
- Shrinking textile fabrics. F. E. Mason. 2,310,664; Feb. 9.
- Shroud ring. L. Landweber. 2,325,616; Aug. 3.

- Shrunk connection, particularly for tubular members. H. Caminez. 2,311,329; Feb. 16.
- Shunt for electric blasting caps. R. B. Smith. 2,315,823; Apr. 16.
- Shutoff and control device, Safety. H. F. Alfery. 2,318,136; May 4.
- Shut-off and control device, Safety. C. Wantz. 2,318,823; May 11.
- Shutoff, Automatic. S. W. Graham. 2,333,370; Nov. 2.
- Shutoff, Automatic gas. A. D. Weigelt. 2,329,569; Sept. 14.
- Shut-off device for gas valves, Safety. J. H. Horstmann. 2,315,959; Apr. 6.
- Shutoff device, Thermoelectric safety. H. F. Alfery. 2,321,119; June 8.
- Shutoff device, Thermoelectric safety. H. A. Mantz. 2,321,095; June 8.
- Shut-off device, Thermostatically controlled. W. E. Jenkins. 2,322,520; June 22.
- Shutoff for steam lines, Emergency. J. K. Wood. 2,323,725; Aug. 3.
- Shutoff system, Repeat valve. C. P. Bergman and M. Cornell. 2,321,062; June 8.
- Shutter valve. G. B. Stillwagon, Jr. 2,312,601; Mar. 2.
- Shutter, Automatic. W. A. Riddell. 2,316,020; Apr. 6.
- Shutter construction. C. J. Wood. 2,329,868; Sept. 21.
- Shutter control mechanism for photographic printers. A. L. Mayer. 2,326,959; Aug. 17.
- Shutter curtain structure for cameras, Focal plane. A. H. Gorey. 2,335,666; Nov. 30.
- Shutter device for counter mechanisms. E. M. Orbeck. 2,335,353; Nov. 30.
- Shutter operating device. J. W. Gillen and J. C. Hollister. 2,333,776; Nov. 9.
- Shutter laundry, Multislit. F. A. O'Kelley. 2,318,884; May 11.
- Shutter mechanism. R. R. Chappell and R. B. Colt. 2,321,361; June 8.
- Shutter mechanism for photographic cameras. O. Steiner. 2,322,733; June 22.
- Shutter, Photographic. F. A. G. Pirwitz. 2,331,568-9; Oct. 12.
- Shutter, Photographic. W. A. Riddell. 2,333,820; Nov. 7.
- Shutter release for folding cameras. L. W. Lessler. 2,316,006; Apr. 6.
- Shutter structure. W. E. Small. 2,322,705; June 22.
- Shutter, Variable aperture. J. F. Morse. 2,335,690; Nov. 30.
- Shuttle. C. A. Cosman. 2,323,203; June 29.
- Shuttle. E. E. Talbot. 2,314,668-9; Mar. 23.
- Shuttle box. W. L. Hicks. 2,310,369; Feb. 9.
- Shuttle car. J. D. Russell. 2,317,644; Apr. 27.
- Shuttlecock machine. W. E. Humphrey. 2,331,981; Oct. 19.
- Shuttle feeder. R. C. Draper and V. J. Ozella. 2,317,744; Apr. 27.
- Shuttle, Loom. J. B. Daudelin and R. J. Messier. 2,333,413; Nov. 2.
- Shuttle mechanism for paper carriages. W. A. Anderson. 2,325,783; July 6.
- Shuttle, Self-threading. J. B. Plevyak. 2,321,040; June 8.
- Shuttle tension, Uniform. R. E. Chard. 2,335,483; Nov. 30.
- Shuttle tension, Uniform. W. P. Ellis. 2,335,563; Nov. 30.
- Sickle bar. M. Boyer. 2,332,840; Oct. 26.
- Sickle carrier. G. Donason. 2,307,826; Jan. 12.
- Side bearing. D. S. Barrows and E. H. Blattner. 2,327,954; Aug. 24.
- Side bearing. R. J. Olander. 2,329,848; Sept. 21.
- Side cutter bearing. T. H. Stanciliff. 2,334,359; Nov. 16.
- Side delivery transporting machine. R. Hastings, Jr. 2,309,730; Feb. 2.
- Side milling cutter. A. Kutcha. 2,322,578; June 22.
- Side sill construction. A. O. Williams. 2,333,223; Nov. 2.
- Side wall coring tool. R. De Long. 2,324,682; July 20.
- Side wall drilling and sampling tool. H. S. Danner. 2,327,023; Aug. 17.
- Side wall sampling device for well bores. L. Spencer. 2,326,405; Aug. 10.
- Side wall stack frame. M. W. Krueger. 2,323,055; June 2.
- Siding tie. S. H. Tummins. 2,308,129; Jan. 12.
- Sifter. F. E. Collier. 2,326,762; Aug. 17.
- Sifter. H. B. Rice. 2,335,084; Nov. 23.
- Sifter closure. R. Nyden. 2,336,882; Dec. 14.
- Sifter, Flour. F. E. Collier. 2,326,761; Aug. 17.
- Sifter, Flour. A. L. Zuck. 2,314,186; Mar. 16.
- Sight. J. C. Garand. 2,331,903; Oct. 19.
- Sight for firearms, Grenade. R. O. Persinger. 2,335,881; Dec. 7.
- Sight for firearms, Pivotal rear. D. M. Williams. 2,334,300; Nov. 16.
- Sight training picture device. E. L. Black. 2,319,787; May 25.
- Sighting apparatus for use on aircraft and for like purposes. L. M. Hilton and J. Hetherington. 2,317,059; Apr. 20.
- Sighting instrument. J. T. Zak. 2,334,739; Nov. 23.
- Sign: See—
- Addressing sign. Interchangeable sign.
- Changeable electric sign. Luminous tube sign.
- Changeable sign. Moving message sign.
- Combined illuminating unit and sign. Road sign.
- Display sign. Street sign.
- Gaseous tube sign. Traffic control sign.
- Illuminated sign. Utility board and sign.
- Sign. B. H. Adler. 2,319,910; May 25.
- Sign. G. E. Sykora. 2,325,435; July 27.
- Sign. H. W. Williams. 2,310,665; Feb. 9.
- Signboard lamp. G. W. Onksen, Jr., and W. R. Goris. 2,308,100; Jan. 12.
- Sign construction. L. J. Schneider. 2,326,977; Aug. 17.
- Sign element and mounting the same. E. and W. S. Wagner and R. J. Jordan. 2,314,803; Mar. 23.
- Sign insulator and attaching means therefor, High tension. S. C. Miller. 2,325,621; Aug. 3.
- Sign support. S. E. Capps. 2,324,820; July 20.
- Signs in space, Producing. C. De Rochefort-Lucay. 2,308,060; Jan. 12.
- Signal: See—
- Automated railroad cross-ing signal. Switch signal.
- Automobile signal. Tire pressure gauge or signal.
- Door signal. Tire pressure signal.
- Floating signal. Traffic signal.
- Light signal. Vehicle brake signal.
- Railway crossing signal. Vehicle direction signal.
- Safety signal. Vehicle rear signal.
- Sound signal. Vehicle signal.
- Signal. T. L. Dalton. 2,324,614; July 20.
- Signal. A. L. Lamar. 2,317,538; Apr. 27.
- Signal. F. C. Sams. 2,309,277; Jan. 26.
- Signal and noise control system. R. L. Hollingsworth. 2,337,196; Dec. 21.
- Signal apparatus. S. E. Gillespie. 2,336,680; Dec. 14.
- Signal apparatus, Speed indicating. G. S. Moore. 2,307,151; Jan. 5.
- Signal appliance for telephones. R. C. Porter. 2,307,467; Jan. 5.
- Signal collecting system. W. A. Schaper. 2,325,279; July 27.
- Signal control. D. L. Butow. 2,307,357; Jan. 5.
- Signal control, Call-on. R. Mills. 2,337,204; Dec. 21.
- Signal control means. H. J. Murray, Jr. 2,308,097; Jan. 12.
- Signal controlled amplifier. Le R. C. Paslay. 2,319,626; May 18.
- Signal device. T. J. Finley and E. J. Burke. 2,317,525; Apr. 27.
- Signal device, Motor vehicle. O. F. Hubbs. 2,307,372; Jan. 5.
- Signal device, Vehicle. E. T. Wyman. 2,307,441; Jan. 5.
- Signal device, Warning. C. C. Drummond. 2,309,941; Feb. 2.
- Signal, direction finder, Detected. H. G. Busignies. 2,334,247; Nov. 16.
- Signal flare. F. M. Nichols. 2,307,707; Jan. 5.
- Signal for motor vehicles, Traffic. S. B. Humphrey. 2,318,690; May 11.
- Signal for motorists, Hand. G. T. Sherwood. 2,317,227; Apr. 20.
- Signal-generating apparatus. H. M. Smith. 2,335,705; Nov. 30.
- Signal generator. A. W. Barber. 2,337,533; Dec. 28.
- Signal generator. J. L. Finch. 2,312,810; Mar. 2.
- Signal interrupting means for audiometers. M. Magee. 2,310,589; Feb. 9.
- Signal light construction. E. H. Land. 2,334,418; Nov. 16.
- Signal means for battery charging circuits. F. G. Bechem. 2,324,188; July 13.
- Signal mechanism. J. R. Aufiero. 2,317,713; Apr. 27.
- Signal recording. W. B. Wait. 2,325,451; July 27.
- Signal recording and reproducing. F. C. W. Thiede. 2,329,492; Sept. 14.
- Signal response network, Variable. J. L. Hathaway. 2,323,598; July 6.
- Signal storage in telegraph printer systems. J. A. Spencer. 2,327,075; Aug. 17.
- Signal storage in telegraph printer systems. J. A. Spencer. 2,336,197; Dec. 7.
- Signal system. C. E. Potter and J. W. Kendall. 2,317,084; Apr. 20.
- Signal system, Alarm. J. H. Wheelock and H. F. Cypser. 2,316,639; Apr. 13.
- Signal translating apparatus. A. D. Burt. 2,328,952; Sept. 7.
- Signal translating apparatus. H. J. Hasbrouck, Jr. 2,326,460; Aug. 10.
- Signal translating apparatus. A. M. Skellett. 2,312,498; Mar. 2.
- Signal translating device. J. R. Haynes. 2,314,938; Mar. 30.
- Signal-translating system. N. P. Case. Re. 22,302; Apr. 20.
- Signal translating system and apparatus, Telegraph. L. M. Potts. 2,327,369; Aug. 24.
- Signal-translating system, High-frequency. L. R. Malling. 2,336,555; Dec. 14.
- Signal translator, Digit. F. H. Hibbard. 2,336,543; Dec. 14.

- Signal transmission system, G. L. Fredendall, 2,330,965; Oct. 5.
- Signal transmission system, J. E. Maynard, 2,310,195; Feb. 2.
- Signal transmission system, Two-way, N. W. Bryant, 2,323,951; Sept. 7.
- Signal transmitter, F. H. Osborne, 2,325,536; July 27.
- Signal and communication system, W. A. Beatty and C. P. Scully, 2,305,039; Jan. 19.
- Signaling apparatus, Railway, T. W. Tizard, Jr., 2,317,592; Apr. 7.
- Signaling apparatus with visual display for fire alarms and the like, K. L. Bell, 2,332,774; Oct. 26.
- Signaling device, G. L. Rossard, 2,397,104; Jan. 5.
- Signaling device, R. S. Czachorski, 2,325,666; Aug. 3.
- Signaling device, B. Dickson, Jr., and H. C. Harrison, 2,323,803; July 6.
- Signaling device, L. N. Hampton and G. G. Smith, 2,325,952; Aug. 3.
- Signaling device for closed tanks, T. C. Smith, 2,300,804; Feb. 2.
- Signaling device for pneumatic tires, M. A. Hochanz, 2,334,066; Nov. 9.
- Signaling device, Illuminable, J. Frank, 2,335,852; Dec. 1.
- Signaling device, Undermined tire, A. G. Anderson, 2,317,509; Apr. 27.
- Signaling mechanism, Open controlled time operated, C. H. Martin, 2,318,615; May 11.
- Signaling system, H. H. Abbott, 2,314,187; Mar. 16.
- Signaling system, G. E. Atkins, 2,332,043; Oct. 19.
- Signaling system, S. M. Babcock, A. W. Horton, Jr., and M. A. Logan, 2,332,494; Oct. 26.
- Signaling system, L. P. Bossett, 2,325,829; Aug. 3.
- Signaling system, A. C. Dickieson, 2,319,306; May 18.
- Signaling system, L. L. Fagon and B. McKim, 2,326,545; Aug. 10.
- Signaling system, R. A. Fox, 2,333,992; Nov. 9.
- Signaling system, W. W. Fritschl, 2,332,907; Oct. 26.
- Signaling system, D. K. Gannett, 2,307,834; Jan. 12.
- Signaling system, A. E. Hague, 2,331,391; Oct. 12.
- Signaling system, J. H. Hammond, Jr., 2,334,552; Nov. 16.
- Signaling system, E. L. Harder, 2,310,076; Feb. 2.
- Signaling system, W. H. T. Holden, 2,324,394; July 13.
- Signaling system, M. Katzin, 2,314,707; Mar. 23.
- Signaling system, B. F. Lewis, 2,327,275; Aug. 17.
- Signaling system, C. E. Lomax, 2,335,724; Nov. 30.
- Signaling system, A. A. Lundstrom, 2,312,724; Mar. 2.
- Signaling system, A. A. Lundstrom, 2,314,229; Mar. 16.
- Signaling system, P. Mertz, 2,307,728; Jan. 5.
- Signaling system, A. H. Miller, 2,310,034; Feb. 2.
- Signaling system, T. H. Mote, 2,330,357; Sept. 28.
- Signaling system, M. W. Muehler, 2,308,198; Jan. 12.
- Signaling system, K. H. Muller and R. E. Ressler, 2,319,330; May 18.
- Signaling system, J. E. Ostline, 2,315,010; Mar. 30.
- Signaling system, W. T. Powell, 2,320,885; June 1.
- Signaling system, R. E. Ressler, 2,310,749; Feb. 9.
- Signaling system, J. C. Smith, 2,323,250; June 29.
- Signaling system, W. van B. Roberts, 2,323,679; July 6.
- Signaling system, Alternating current, B. M. Haddfield, 2,326,457; Aug. 10.
- Signaling system and apparatus, Selective, H. L. Krum, 2,317,995; May 4.
- Signaling system, Coded track circuit, T. J. Judge, 2,314,280; Mar. 16.
- Signaling system, Coded track circuit, T. J. Judge, 2,330,895; Oct. 5.
- Signaling system, Coded track circuit, S. N. Wight, 2,328,241; Aug. 31.
- Signaling system, Dial controlled, J. T. Nelswinter, 2,321,412; June 8.
- Signaling system, Electro-optical, A. G. Cooley, 2,330,673; Dec. 14.
- Signaling system for railways and the like, Block, L. H. Peter and J. P. Coley, 2,329,793; June 1.
- Signaling system, Frequency modulation, E. H. Armstrong, 2,323,698; July 6.
- Signaling system, Radiant energy, J. H. Hammond, Jr., 2,312,093; Feb. 23.
- Signaling system, Railway, F. H. Nicholson and C. E. Staples, 2,331,134; Oct. 5.
- Signaling system, Railway, H. A. Thompson, 2,332,279; Oct. 19.
- Signaling system, Receiving circuit, A. L. Matte, 2,307,417; Jan. 5.
- Signaling system reproducing sound records, Plural fire alarm, K. L. Bell, 2,332,775; Oct. 26.
- Signaling system, Secret, E. Y. Webb, Jr., 2,315,567; Apr. 6.
- Signaling system, Selective, J. T. Nelswinter, 2,334,574-5; Nov. 16.
- Signaling system, Submarine cable, B. S. Diamond, 2,328,789; Sept. 7.
- Signaling system, Telephone, H. W. Ulrich, 2,320,957; June 1.
- Signaling system, Two-way, A. C. Dickieson and P. G. Edwards, 2,322,833; June 29.
- Signaling system, Warning, T. J. Scofield, 2,328,172; Aug. 31.
- Signals, Method and means for transmitting frequency modulated, E. H. Armstrong, 2,315,308; Mar. 30.
- Signals, Transmitting, G. Guanello, W. Ernst, W. Lindacker and M. Gabriel, 2,312,897; Mar. 2.
- Signature handling machine, M. Christensen, Re. 2,323,559; Aug. 3.
- Signature writing apparatus, L. H. Glassman and C. W. Barker, 2,332,511; Oct. 26.
- Signal locket-rings, I. Halmes and B. Klein, 2,308,915; Jan. 19.
- Silencer, J. G. Blanchard, 2,323,891; July 13.
- Silencer, R. B. Bourne, 2,326,612-3; Aug. 10.
- Silencer, R. B. Bourne and J. P. Tyskewicz, 2,326,613; Aug. 10.
- Silencer, H. H. Maxim, 2,311,676; Feb. 23.
- Silencer, W. H. Powers, 2,331,314; Oct. 12.
- Silencer, Resonator, E. E. Wilson, 2,325,352; July 27.
- Silencer, Twin carburetor intake, B. Steensen, 2,322,895; June 29.
- Silencer, Water cooled, H. H. Maxim, 2,328,161; Aug. 31.
- Silencers, Assembling, G. Jensen, 2,331,325; Oct. 12.
- Silent typewriting machine, A. Colombo, 2,311,737; Feb. 23.
- Silica from water, Removal of, S. O. A. Fiedler and G. V. Austereich, 2,313,194; Mar. 9.
- Silicon brass rod, P. H. Hehmann, 2,315,700; Apr. 6.
- Silicon casting refractory, Bonded, J. P. Sventzel, 2,324,110; July 13.
- Silk dyestuffs, Acetate artificial, W. W. Tatum, 2,329,798; Sept. 21.
- Silk, soaking composition and bath, J. T. Eaton, 2,325,489; July 27.
- Silo door and silo, Z. W. Craine, 2,322,923; June 20.
- Silver-copper solder alloy, J. Lempert, 2,330,062; Sept. 21.
- Silver halide emulsions, Sensitizing of, W. Dietrich, 2,312,153; Feb. 23.
- Silver polish, Preventing, G. F. Briggmann, 2,323,369; July 6.
- Sme bar, C. Brebeck, 2,325,904; Aug. 3.
- Smoking burner, M. R. Kelly and J. T. Melton, 2,333,381; Nov. 2.
- Single drum locomotive boiler, G. H. Emerson, 2,325,883; July 27.
- Single phase to polyphase converter, P. B. Wickham, 2,333,602; Nov. 2.
- Single roll tape dispenser, D. L. Gerbatenko, 2,310,522; Feb. 9.
- Sink, C. Spangler, 2,336,811; Dec. 14.
- Sink cabinet, A. E. Freshman, 2,323,589; July 6.
- Sink, Hair washing, P. H. Ellinger, 2,315,153; Mar. 30.
- Sink or tub repair bottom, S. Greenspan, 2,309,843; Feb. 2.
- Sinker for use with fishing tackle, Releasable, F. J. Miller, 2,326,876; Aug. 17.
- Sinker releasing device, F. J. Miller, 2,322,536; June 29.
- Siphon, T. S. Rigby, 2,325,920; Aug. 3.
- Siphon and circulator for steam boilers, Combined, F. Le Blanc, 2,326,869; Aug. 17.
- Siphon, Portable irrigation, H. V. L. H. and J. E. Morris, 2,333,074; Sept. 24.
- Siphon, Sallow, R. P. Elliott, 2,331,463; Oct. 12.
- Siphonless cock assembly, J. D. Langdon, 2,312,054; Mar. 2.
- Slipper, B. H. Bandell, 2,334,535; Nov. 16.
- Siren, C. S. Crakes, 2,325,175; July 27.
- Siren, E. D. Williamson, 2,314,260; Mar. 16.
- Sirup composition, Sugar, T. E. Moutray, 2,307,062; Jan. 5.
- Slurping valve, C. D. Russell, 2,321,104; June 8.
- Straps, Production of high concentrated fixing and hardening, G. P. Ham, 2,311,293; Feb. 16.
- Six-in-one carbide tool holder, W. A. Bogdel, 2,308,151; Jan. 12.
- Size-reducing mill, R. S. Butler, 2,331,173; Oct. 5.
- Size reduction and stabilization of oil thickening polymers, D. W. Young and C. C. Swoope, 2,326,595; Aug. 10.
- Size reduction, Method and apparatus, R. S. Butler, 2,331,172; Oct. 5.
- Sizing, E. W. Spanagel, 2,324,601; July 20.
- Sizing and coating apparatus, W. Nyrling, 2,316,531; Apr. 13.
- Sizing and finishing machine, W. G. Maloney and N. E. Boyer, 2,333,872; Nov. 9.
- Sizing device for machining operations, H. A. Dudgeon, 2,326,339; Aug. 10.
- Sizing machine, Fruit and vegetable, E. M. Wayland and J. R. Drummond, 2,335,164; Nov. 23.
- Sizing machine, Ice, F. W. Brady, 2,321,125; June 8.
- Skate, J. T. Enley, 2,310,683; Feb. 9.
- Skate, G. H. Hufatz, Jr., 2,309,394; Jan. 26.
- Skate, G. E. Schmidt, 2,322,163; June 15.
- Skate roller, A. E. and H. C. Dekome and V. J. Sedlon, 2,330,338; Sept. 28.
- Skate scabbard, A. K. Johnson, 2,323,049; June 29.
- Skate stop, A. Lieberman, 2,315,342; Mar. 30.
- Skeleton mold, H. J. Gale, 2,327,883; Aug. 24.
- Skewback casting, Water cooled, C. R. Pon Dersmith and W. W. Bergmann, 2,321,074; June 8.
- Sky bascule bridge, C. D. Hanover, Jr., 2,337,994; Dec. 28.
- Ski, E. O. Ericson, 2,318,147; May 4.

- Ski. R. Robinson and W. E. Brouner. 2,326,802; Aug. 17.
- Ski attachment. F. Weinaug. 2,322,497; June 22.
- Ski binding. T. Elliott. 2,314,270; Jan. 16.
- Ski binding. P. A. Udall. 2,308,252; Jan. 12.
- Ski binding. Safety. A. McIlwaine. 2,308,338; Jan. 12.
- Ski foot pad. M. R. Ostreich. 2,330,751; Sept. 28.
- Ski. Hinged. R. B. Smith. 2,332,404; Oct. 19.
- Ski mechanism for aircraft. R. Bircher. 2,321,561; June 8.
- Ski mounting. H. H. Smith. 2,332,021; Oct. 19.
- Ski rigging for aircraft. H. A. Simpson and A. E. Larsen. 2,315,098; Mar. 30.
- Ski spreader. K. Kurtz. 2,328,069; Aug. 31.
- Ski tender for use in the launching of ships' life boats. J. B. Hunt. 2,332,225; Oct. 19.
- Sled platform. G. Quayle. 2,327,847; Aug. 24.
- Skin clamp. H. Ives and P. W. Buerkle. 2,315,333; Mar. 30.
- Skin clamp. G. W. Perlman. 2,313,358; Mar. 9.
- Skin clamp. F. C. Wallace. 2,317,315; Apr. 20.
- Skins for sausages, in particular, salami, Production of artificial. C. Bednár. 2,313,289; Mar. 9.
- Skirt, cape, and umbrella device, Convertible. S. Furman. 2,319,983; May 25.
- Skirt or article of clothing. S. Korsen. 2,334,013; Nov. 9.
- Slab, Decorative. C. C. Schuetz. 2,314,856; Mar. 23.
- Slack adjuster. E. W. Reiser. 2,316,476; Apr. 13.
- Slack adjuster. A. G. Larson. 2,337,756; Dec. 28.
- Slack adjuster for brakes, Automatic. B. H. Browall. 2,312,884; Mar. 2.
- Slack adjuster for railway brakes. J. J. McBride. 2,326,377; Aug. 10.
- Slack or cuttings removing attachment for kerf-cutting machines. T. P. Pray. 2,322,315; June 22.
- Slack or cuttings removing device. W. T. McCullough. 2,320,004; May 25.
- Slack take-up device for tappets. J. A. Anglada. 2,323,965; July 13.
- Slacks and the like. E. G. Newcomer and J. Takiff. 2,327,207; Aug. 17.
- Slasher. S. P. Ouzts. 2,335,880; Dec. 7.
- Slat cleaner. V. C. Webb and A. P. Sparks. 2,313,606; Mar. 9.
- Slat. Venetian blind. L. S. Morse and C. W. Morse. 2,315,640; Apr. 6.
- Slate, Dressing. L. Stotler. 2,312,299; Feb. 23.
- Sled. O. Fosbak. 2,317,048; Apr. 20.
- Sled, Power driven. W. D. Marr. 2,331,561; Oct. 12.
- Sled, Ski. R. R. Simpson. 2,323,847; July 6.
- Sleeping bag. M. O. Ayres. 2,324,665; July 20.
- Sleeping bag. I. D. Taylor. 2,319,958; May 25.
- Sleeve, Buffer stem. D. W. Gray and W. B. Rogers, Jr. 2,327,035; Aug. 17.
- Sleeve, Clutch. C. F. Greiner. 2,333,003; Oct. 26.
- Sleeve connector. E. S. McLarn. 2,316,267; Apr. 13.
- Sleeve, Drilling. C. F. Tonnell, Jr. 2,325,811; Aug. 3.
- Sleeve for drill pipe protectors, Transfer. R. H. Howard. 2,334,557; Nov. 16.
- Sleeve, Garment. J. Gluseff. 2,327,348; Aug. 24.
- Sleeve ironing press. F. A. Wiegman and G. R. Young. 2,311,275; Feb. 16.
- Sleeve press. E. Davis. 2,315,690; Apr. 6.
- Sleeve press. T. Davis. 2,337,086; Dec. 21.
- Sleeve pressing pad. L. E. Hoagland. 2,314,498; Mar. 23.
- Sleeve shortener. L. Goldberg. 2,328,137; Aug. 31.
- Sleeve valve drive. A. V. D. Willgoos. 2,332,959; Oct. 26.
- Sleeve valve internal combustion engine. F. M. Owner and H. T. Underwood. 2,320,791; June 1.
- Slicer. E. G. Cole. 2,334,608; Nov. 16.
- Slicer, Bacon. W. Mahler. 2,318,003; May 4.
- Slicer, Bean. W. R. Foustner. 2,323,803; July 6.
- Slicer, Bread. A. H. Ahndt. 2,315,761; Apr. 6.
- Slicer, Bread. T. Jensen. 2,332,084; Oct. 19.
- Slicer, Potato. J. Perrone. 2,328,487; Aug. 31.
- Slicer, Vegetable. R. P. De Vault. 2,309,444; Jan. 26.
- Slicer, Vegetable. J. Woltinger, Sr. 2,323,760; July 6.
- Sliding device. R. J. Arney. 2,328,887; Sept. 7.
- Sliding machine. M. Brustowsky. 2,333,636; Nov. 9.
- Sliding machine. A. A. Kottmann. 2,328,911; Sept. 7.
- Sliding machine. A. A. Kottmann and H. P. Elliott. 2,311,762; Feb. 23.
- Sliding machine. A. A. Kottmann and E. C. Vollmer. 2,315,711; Apr. 6.
- Sliding machine. A. A. Kottmann and E. C. Vollmer. 2,316,171; Apr. 13.
- Sliding machine. V. E. Laubman. 2,317,540; Apr. 27.
- Sliding machine. H. G. Lothes. 2,316,876; Apr. 20.
- Sliding machine. W. Mahler. 2,309,127; Jan. 26.
- Sliding machine. C. F. M. Van Berkel. 2,309,554; Jan. 26.
- Sliding machine, Bread. M. Brustowsky. 2,315,767; Apr. 6.
- Slide carrier. D. L. Babcock and T. G. Clement. 2,319,029; May 11.
- Slide drawer. D. A. Cox. 2,333,843; Nov. 9.
- Slide, Drawer. M. H. Rakow. 2,318,800; May 11.
- Slide, Drawer. A. Waller. 2,325,896; Aug. 3.
- Slide drawer construction. N. A. Gussack. 2,320,276; May 25.
- Slide fastener. A. K. Berkner. 2,310,609; Feb. 9.
- Slide fastener. H. A. Hamm. 2,335,668; Nov. 30.
- Slide fastener. H. Heimann. 2,335,147; Nov. 23.
- Slide fastener. I. Marinsky. 2,311,556; Feb. 16.
- Slide fastener. N. J. Poux. 2,322,908; June 29.
- Slide fastener. L. W. Schaff. 2,307,711; Jan. 5.
- Slide fastener. L. W. Schaff. 2,312,284; Feb. 23.
- Slide fastener. L. W. Schaff. 2,316,133; Apr. 6.
- Slide fastener. L. W. Schaff. 2,327,562; Aug. 24.
- Slide fastener. L. W. Schaff. 2,328,882; Sept. 7.
- Slide fastener manufacture. N. J. Poux. 2,320,651; June 1.
- Slide fastener stop attaching machine. L. F. Muther. 2,310,033; Feb. 2.
- Slide fastener wire. Manufacture of. F. Ulrich. 2,330,936; Oct. 5.
- Slide for stereo projectors. Setting-up. D. L. Babcock and J. L. Boon. 2,307,981; Jan. 12.
- Slide rest for lathes, Power feed compound. E. R. Fiorelli. 2,334,616; Nov. 16.
- Slide rule. M. A. Roggentkamp. 2,335,792; Nov. 30.
- Slide stop. Forming. D. H. Montgomery. 2,325,571; July 27.
- Sliding car door. W. A. Beauchamp. 2,316,661; Apr. 13.
- Sliding car door. A. J. Doyle. 2,316,675; Apr. 13.
- Sliding car door. H. H. Henricks. 2,316,332; Apr. 13.
- Sliding clasp fastener. E. Samstegman. 2,325,709; Aug. 3.
- Sliding clasp fastener. V. Puc. 2,313,579; Mar. 9.
- Sliding door. J. J. Black. 2,330,670; Sept. 28.
- Sliding door operating and latching device. H. C. Lancetot. 2,322,457; June 22.
- Slingshot, beam-shooter, or beam. W. G. Donaldson. 2,324,201; July 13.
- Slip producing hoisting. A. Mazzella. 2,325,261; July 27.
- Slip. S. Friedman. 2,318,771; May 11.
- Slip. V. L. Sussberg. 2,318,539; May 4.
- Slip cap for bottles. G. C. Wilson. 2,312,513; Mar. 2.
- Slip clutch. T. W. Paul. 2,330,734; Sept. 28.
- Slip friction clutch. E. H. Branson. 2,333,980; Nov. 9.
- Slip or similar garment. Woman's. W. Friedman. 2,335,751; Nov. 30.
- Slip ring assembly. H. G. French. 2,322,011; June 15.
- Slitter. F. J. Wood. 2,318,731; May 11.
- Slitter unit assembly. R. McC. Johnstone. 2,312,173; Feb. 23.
- Slitting and scoring machine. H. L. Cohen. 2,307,452; Jan. 5.
- Slitting machine. R. McC. Johnstone. 2,312,172; Feb. 23.
- Slitting rolls, Method and apparatus for. L. Hornbostel. 2,312,550; Mar. 2.
- Sliver balling or roll former apparatus. J. R. Bee. 2,332,364; Oct. 19.
- Sliver forming machine. L. A. Runton. 2,324,539; July 20.
- Slope indicator. O. B. Misz. 2,308,018; Jan. 12.
- Slope reducing board. C. J. Maddox. 2,309,855; Feb. 2.
- Slot guard, Coin bank. A. C. Prince. 2,331,726; Oct. 12.
- Slotting machine. K. Sieg. 2,333,592; Nov. 2.
- Slow make and break switch. R. H. Bentley. 2,336,389; Dec. 7.
- Slow-up and stop mechanism, Automatic. J. R. Smak. 2,307,426; Jan. 5.
- Sludge, Conditioning. M. D. Sanders. 2,328,361; Aug. 31.
- Sludge digester. F. A. Downes. 2,335,562; Nov. 30.
- Sludge formation in oils used for scrubbing gases, Minimizing. L. J. Figg, Jr., and E. E. Shaulis. 2,313,531; Mar. 9.
- Sludge pump. H. P. Erickson. 2,322,120; June 15.
- Sludge treating sewage and apparatus therefor, Activated. R. H. Gould. 2,337,384; Dec. 21.
- Slug casting machine. J. C. Plastaras. 2,307,068; Jan. 5.
- Slug casting machine. J. C. Plastaras. 2,307,070; Jan. 5.
- Slug producing press. P. E. Flowers. 2,325,119; July 27.
- Sluice box. F. J. W. Holt, A. Ullmann, and H. T. Honnor. 2,312,096; Feb. 23.
- Slush pump. L. W. Stahl and R. L. Foster. 2,331,513; Oct. 12.
- Slush pump valve. C. M. Anderson. 2,329,576; Sept. 14.
- Smelting apparatus. J. H. Grace. 2,330,487; Sept. 28.
- Smokehouse. N. J. Allbright. 2,325,213; July 27.
- Smokehouse apparatus. R. L. Jones. 2,312,339; Mar. 2.
- Smoke or fog, Method and apparatus for production of. P. A. Astrandson. 2,311,199; Feb. 23.
- Smoke preventer. G. M. Phillips and W. P. Rutherford. 2,320,299; May 25.
- Smoke, Producing. H. E. Britt. 2,311,635; Feb. 23.
- Smoker's appliance. H. J. Lavietes. 2,313,648; Mar. 9.
- Smoker's article. E. J. Sonn. 2,333,896; Nov. 9.
- Smoker's pipe. A. Koenisamen. 2,326,658; Aug. 10.
- Smoking apparatus. L. Tillman. 2,323,856; July 6.
- Smoking device. E. J. Jacob. 2,313,341; Mar. 9.
- Smoking pipe. O. Bastiansen. 2,310,385; Feb. 9.
- Smoking pipe. T. A. Mullica. 2,335,786; Nov. 30.
- Smoking pipe. L. R. Sibert. 2,318,639; May 11.
- Smoking pipe. C. J. Smith. 2,330,389; Sept. 28.
- Smoking pipe. F. J. Topp. 2,309,482; Jan. 26.

- Smoking pipe bowl cleaner. A. K. Morris. 2,336,281; Dec. 7.
- Snap action device. G. M. Hausler. 2,332,911; Oct. 26.
- Snap action relief valve. D. G. Fawkes. 2,332,630; Oct. 26.
- Snap action switch. R. Abrahamson. 2,332,883; Oct. 26.
- Snap action switch. A. E. Baak. 2,318,734; May 11.
- Snap action switch. G. I. Holmes. 2,313,341; Mar. 9.
- Snap coupling particularly for multiple magnets. W. Ohsenbein. 2,330,076; Sept. 21.
- Snap fastener. B. J. Frost. 2,325,847; Aug. 3.
- Snap fastener. W. I. Jones. 2,322,613; June 22.
- Snap fastener. F. G. Purinton. 2,327,551; Aug. 24.
- Snap fastener. H. J. Reiter. 2,332,441-3; Mar. 2.
- Snap fastener and trim strip and the like. W. A. Bedford, Jr. 2,329,688; Sept. 21.
- Snap fasteners and the like. Setting. J. C. Wolff. 2,310,007; Feb. 2.
- Snap fastening device for anchoring conduits and the like. J. H. Van Cumm. 2,336,656; Dec. 14.
- Snap hook. E. Kunglind. 2,331,677; Nov. 16.
- Snap-on attachment cap. W. H. Rose. 2,318,717; May 11.
- Snap switch. W. A. Ray. 2,337,001; Dec. 14.
- Snap switch construction. L. H. Matthews. 2,330,506; Sept. 28.
- Snap valve. F. R. Higley and V. O. Beam. 2,317,271; Apr. 20.
- Snath. G. Robichaud. 2,334,229; July 13.
- Snelled hook. R. B. Worden. 2,333,503; Nov. 2.
- Snow and ice removing machine. J. J. Seibert. 2,312,851; Mar. 2.
- Snowplow. H. H. Washland. 2,337,134; Dec. 21.
- Snowplow assembly. Tractor driven. J. H. Shepard and N. Pierce. 2,320,389; June 4.
- Snow removal machine. L. T. Stewart. 2,318,127; May 4.
- Snow removing apparatus. H. B. Churchill. 2,333,361; Nov. 2.
- Snow removing mechanism. W. E. Klauer. 2,327,193; Aug. 17.
- Snow ring or wheel. H. N. Smith. 2,328,035; Aug. 31.
- Snow shield for automobile windows. H. A. Cutting. 2,318,143; May 4.
- Snubber. C. E. Tack. 2,336,969; Dec. 14.
- Snubber for engine mountings. R. S. Flexico. 2,324,021; July 13.
- Snubber for tamper bars. L. A. Amsterg and C. E. Fitch. 2,308,143; Jan. 12.
- Snubber. Euge. J. P. Fox. 2,318,213; May 4.
- Snuffer-lighter device. J. Porter. 2,309,011; Jan. 19.
- Soap. R. Thomas and H. B. Oakley. 2,310,475; Feb. 9.
- Soap and forming the same. Partitioned. J. W. Rodman and F. E. Pearson. 2,310,931; Feb. 16.
- Soap cake banger. M. L. Jones. 2,320,608; June 1.
- Soap composition. H. R. Dirmar. 2,327,392; Aug. 17.
- Soap composition. Metallic. J. Nothum and F. J. Licata. 2,307,852; Jan. 12.
- Soap conserving device. H. L. Johnston. 2,308,514; Jan. 19.
- Soap containing safety razor. A. E. Keene. 2,327,192; Aug. 17.
- Soap. Dedusting comminuted. B. L. Maxwell and C. T. Atwood. 2,328,568; Sept. 7.
- Soap dispenser. B. E. Colburn. 2,332,558; Oct. 26.
- Soap dispenser. W. A. Dudley. 2,311,330; Feb. 16.
- Soap dispenser. C. W. Hoppe. 2,319,233; May 18.
- Soap dispenser. W. Zwanzig. 2,333,068; Oct. 26.
- Soap hanger. C. B. Anderson. 2,307,752; Jan. 12.
- Soap holder. A. M. Andrews. 2,319,104; May 11.
- Soap holder. H. N. Mooney. 2,308,771; Jan. 19.
- Soap holder. J. W. Stevens. 2,332,409; Oct. 19.
- Soap holder and savor. D. M. Wolf. 2,325,293; July 27.
- Soap. Making. B. Clayton. 2,327,502; Aug. 24.
- Soapmaking. R. F. Heald and A. L. Schulerud. 2,316,089; Apr. 13.
- Soap. Manufacture of. A. T. Scott. 2,336,893; Dec. 14.
- Soap. Manufacture of. L. Sender. 2,335,457; Nov. 30.
- Soap. Manufacture of. L. Sender and J. H. Wilson. 2,321,947; June 15.
- Soap product and making same. F. E. Joyce and E. J. Lindhardt. 2,332,727; Oct. 26.
- Soaps and perfumes. Preservation of. C. N. Andersen. 2,324,348; July 13.
- Socket. C. R. Book. 2,327,164; Aug. 17.
- Socket. E. R. Kulka. 2,319,693; May 18.
- Socket and tube holder. Fluorescent electric tube. J. W. Kelchner, Jr. 2,319,461; May 18.
- Socket device. C. L. Hall and G. F. Cram. 2,317,100; Apr. 20.
- Socket device. Plug-in. A. M. Draving. 2,321,470; June 8.
- Socket. Electrical. M. Alden. 2,318,912; May 11.
- Socket. Electrical. A. W. Kimbell. 2,318,868; May 11.
- Socket. Electrical. J. Todd. 2,337,692; Dec. 28.
- Socket fastening device. Shiftable. W. A. Bedford, Jr. 2,322,614; June 22.
- Socket. Fluorescent light. W. E. McSween. 2,314,233; Mar. 16.
- Socket for bayonet base lamp or the like. W. E. Lundell. 2,320,627; June 1.
- Socket for fluorescent lamps. V. R. Despard. 2,324,683; July 20.
- Socket for fluorescent lamps. Lamp. L. A. Pope. 2,321,851; June 15.
- Socket for pin base lamps and tubes. N. Chirelstein. 2,333,082; Nov. 2.
- Socket for signal. 2,317,157; Apr. 20.
- Socket. Lamp. G. H. Burt. 2,313,036; Mar. 9.
- Socket. Lamp. W. R. Young. 2,317,163; Apr. 20.
- Socket. One piece resilient bodied fluorescent lamp. E. G. Gaylor. 2,329,464; Sept. 14.
- Socket receptacle. A. M. Draving. 2,321,469; June 8.
- Socket. Snap fastener. J. E. F. Gobin dit Daudé. 2,330,573; Sept. 28.
- Socket. Swivel. C. S. Crickmer. 2,318,839; May 11.
- Socket. Thermionic tube. H. H. Eby. 2,319,728; May 18.
- Socket. Thermionic tube. H. H. Eby. 2,330,817; Oct. 5.
- Socket. Ultra short wave tube. E. Löpp and E. Greifen-dorf. 2,320,623; June 1.
- Sockets. Making lamp. W. P. Tolbert. 2,332,478; Oct. 1.
- Sod breaker and cultivator. Rotary. E. J. Holzbock. 2,312,164; Feb. 23.
- Sod cutter. B. C. Ranney. 2,327,930; Aug. 24.
- Sodium acid phosphophate. Producing. F. H. Perrin and O. W. Allen. 2,337,491; Dec. 21.
- Sodium and potassium hydride. Production of. F. Siegmund. 2,333,028; Mar. 2.
- Sodium ferricyanide with 2H₂O. U. Liddel. 2,319,695; May 18.
- Sodium hydroxide in presence of the aluminate. Determination of. P. N. Burkard. 2,332,497; Oct. 26.
- Sodium or potassium sulphate and hydrogen chloride. Manufacture of. A. Lippman, Jr. and R. L. Comstock. 2,325,150; Dec. 7.
- Sodium salts. Separating. L. G. Black, E. B. Fitch and H. B. Suhr. 2,309,569; Jan. 26.
- Sodium sulphate flotation. D. J. Pye. 2,310,315; Feb. 9.
- Sodium sulphate. Production of. C. L. Levermore. 2,321,218; June 8.
- Sodium sulphate. Recovery of. C. D. Adams. 2,333,138; Nov. 2.
- Sofa and bed. Combination. S. E. Holcomb. 2,321,206; June 8.
- Sofa bed. R. A. Burton. 2,324,675; July 20.
- Soft-bond article. R. S. Daniels. 2,312,392; Mar. 2.
- Soft materials for raincoats, etc., Making. W. D. Hedges, J. C. Loewman, and T. J. Kerr. 2,331,977; Oct. 19.
- Softener for copolymers of butadiene and acrylonitrile. D. V. Sarbach. 2,325,980; Aug. 3.
- Softener for emulsion copolymers of butadiene and acrylonitrile. D. E. Henderson. 2,331,979; Oct. 19.
- Softener for synthetic rubber. B. S. Garvey. 2,325,947-8; Aug. 3.
- Softener for synthetic rubber. D. V. Sarbach. 2,325,982-3; Aug. 3.
- Softener for synthetic rubber. W. L. Semon. 2,325,985; Aug. 3.
- Softening agents for high polymeric substances. W. Gruber and H. Machemer. 2,332,849; Oct. 26.
- Softening agents. Production of. P. Kümmel. 2,316,258; Apr. 13.
- Soil builder. C. Peter. 2,310,652; Feb. 9.
- Soil erosion. Preventing. R. J. Smith. 2,333,959; Nov. 9.
- Soil sampler. T. R. Dames. 2,318,062; May 4.
- Soil samples for determining oil content. Analysis of. J. G. Campbell. 2,311,151; Feb. 16.
- Soil samples. Obtaining. H. Hoover, Jr. and H. E. Met-calf. 2,325,057; July 27.
- Soil stabilization. A. B. Miller. 2,323,928; July 13.
- Soil treatment and composition therefor. B. B. Barlow and J. D. Haynes. 2,320,060; May 25.
- Soil waste and vent fitting. Combined. H. J. Luff. 2,312,658-9; Mar. 2.
- Soils. Stabilization of. A. B. Miller. 2,323,929; July 13.
- Solar heater. C. A. Scott. 2,311,579; Feb. 16.
- Solar heater. C. A. Scott. 2,316,191; Apr. 13.
- Solder. Brazing. M. M. Goldsmith. 2,310,231; Feb. 9.
- Solder connections. Making. W. E. Ingerson. 2,308,606; Jan. 19.
- Solder for soldering foils of aluminum and aluminum alloys. F. Strasser. 2,335,615; Nov. 30.
- Solder pellet caster device. R. G. Humphrey. 2,315,426; Mar. 30.
- Soldering. L. D. Burtenshaw. 2,332,368; Oct. 19.
- Soldering device. R. E. Powell. 2,324,802; July 20.
- Soldering device. L. P. Young. 2,324,873; July 20.
- Soldering devices. Making. R. E. Powell. 2,311,776; Feb. 23.
- Soldering iron. J. J. Went, P. van Nooyen, and W. D. van der Moer. 2,331,088; Oct. 5.
- Soldering iron stand. L. R. Neal. 2,308,098; Jan. 12.
- Soldering machine. J. Cereghino. 2,322,221; June 22.
- Soldering method. L. E. Abbott and W. W. Werring. 2,324,809; July 20.
- Solderless connector. H. D. Dorfman. 2,313,927; Mar. 16.
- Sole. L. M. Witherill. 2,328,242; Aug. 31.

- Sole attaching in electrostatic fields. G. T. Hart, Jr., and E. E. Winkley. 2,323,325; July 6.
- Sole fitting machine. J. C. Cantley. 2,334,248; Nov. 16.
- Sole for welt shoes, Inner. W. L. Knipe. 2,317,918; Apr. 27.
- Sole, Nonslip leather. C. T. Johnson. 2,321,088; June 8.
- Sole pressing machine. L. E. Streimen. 2,333,200; Nov. 2.
- Sole rounding machine. C. G. Brostrom. 2,319,296; May 18.
- Sole-sewing machine. A. Ehresmann and L. Streibel. 2,320,578; June 1.
- Sole, Shoe. I. I. Tubbs. 2,330,458; Sept. 28.
- Soles to shoes, Method of and apparatus for attaching. F. L. Brandt. 2,329,244; Sept. 14.
- Solenoid. D. W. Davis. 2,311,431-2; Feb. 16.
- Solenoid inlet valve. P. B. Parks and W. R. Peterson. 2,310,745; Feb. 9.
- Solenoid operated valve. N. C. Price. 2,320,008; May 25.
- Solenoid switch. E. M. Claytor and J. E. Antonidis. 2,318,672; May 11.
- Solenoid switch. L. B. Ehrlich. 2,326,342; Aug. 10.
- Solid fuel heating device. N. Van Hoose. 2,330,094; Sept. 21.
- Solid materials of different specific gravities, Separation of. F. Trostler. 2,333,347; Nov. 2.
- Solid substances from suspension, Method and device for separating. F. Juell. 2,330,589; Sept. 28.
- Solid tire cushion wheel. P. Murphy. 2,333,947; Nov. 9.
- Solids, Accumulator for finely divided. J. W. Jewell and O. G. Melchior. 2,336,017; Dec. 7.
- Solids from liquids, Centrifugally separating. A. U. Ayres. 2,321,887; June 15.
- Solubility of halogenated phenols in soap solutions, Increasing the. G. Endres. 2,326,933; Aug. 17.
- Soluble benzyl ethers of dextran, Producing. G. L. Stahly and W. W. Carlson. 2,328,036; Aug. 31.
- Soluble dry extracts, Manufacture of. M. R. Morgenstader. 2,324,526; July 20.
- Solution and process of treating metal. H. J. Lodesen. 2,322,828; Dec. 7.
- Solution for photographic films, Subbing. G. F. Nadeau and L. K. Eilers. 2,324,105; July 13.
- Solution mixing and dispensing device. E. W. Fox. 2,316,781; Apr. 20.
- Solutions of formaldehyde-urea reaction products, Organic. A. M. Howard. 2,321,208; June 8.
- Solution of metallicummonium naphthenates. T. R. Bolzer and H. Schaller. 2,335,101; Nov. 23.
- Solutions capable of gelling, Method and apparatus for determining the gelation. C. R. Fordyce and H. F. Vivian. 2,336,238; Dec. 7.
- Solutions, Liquid hardener. W. V. Wadman and L. C. Hurd. 2,327,004; Aug. 17.
- Solutions of aluminum cellulose glycolate, Making. M. J. Roberts. 2,331,859; Oct. 12.
- Solutions, particularly those resulting from alkaline extraction of vegetable protein products, Clarification of murky. G. Davidson. 2,307,453; Jan. 6.
- Solutions, Production of aqueous. R. Hueter. 2,309,592; Jan. 26.
- Solutions, Reconditioning used. A. C. Nixon and O. L. Davis. 2,331,622; Oct. 12.
- Solutions, Thickening of. M. Kataman and F. J. Cahn. 2,307,047; Jan. 6.
- Solvent process for the removal of mercaptans. L. E. Border. 2,315,766; Apr. 6.
- Solvent solutions, Completely regenerating contaminated. R. W. McOmie, O. L. Davis, and A. C. Nixon. 2,337,262; Dec. 21.
- Solvent solutions, Reconditioning used. L. E. Border. 2,315,480; Mar. 30.
- Solvent solutions, Reconditioning used. L. E. Border. 2,337,225; Dec. 21.
- Solvent composition. P. B. Evans. 2,328,633; Sept. 7.
- Solvent, Dewaxing. E. Arundale. 2,321,967; June 15.
- Solvent, Dewaxing with. L. B. Goodson, J. V. Montgomery, and R. W. Henry. 2,330,048; Sept. 21.
- Solvent, Dry-cleaning. D. L. Ebert. 2,324,917; July 20.
- Solvent extraction of hydrocarbon materials. R. W. Henry and J. V. Montgomery. 2,310,524; Feb. 9.
- Solvent extraction of tung oil. A. C. Lansing. 2,320,970; June 1.
- Solvent extraction process. H. S. Polin. 2,324,594; July 24.
- Solvent production. J. E. Harvey, Jr. Re. 22,401; Dec. 7.
- Solvent reproducing apparatus. A. A. Levine, O. R. Sweeney, C. E. Kircher, Jr., and W. L. McCracken. 2,334,015; Nov. 9.
- Solvent refining. O. Larson. 2,337,669; Dec. 28.
- Solvent refining of oil and recovery of the solvent. W. Kierstedt, Jr. 2,312,912; Mar. 2.
- Solvent saver. C. F. Dinley. 2,310,680; Feb. 9.
- Solvent treating. J. E. Pollock. 2,322,881; June 29.
- Solvent treating of mineral oils. J. J. Savelli and J. M. Powers. 2,307,242; Jan. 5.
- Solvent treating process. A. Holmes and H. J. Hibshman. 2,315,057; Mar. 30.
- Solvent, Wood stain. H. G. Goodman, Jr. 2,320,426; June 1.
- Solvents and using the same, Gum and carbon deposit. W. J. Backoff and N. D. Williams. 2,316,754; Apr. 20.
- Solvents and wood preservative, Production of. J. E. Harvey, Jr. 2,321,909; June 15.
- Solvents, Process of producing. J. E. Harvey, Jr. Re. 22,400; Dec. 7.
- Solvents, Producing. J. E. Harvey, Jr. 2,310,190; Feb. 2.
- Solvents, Production of. J. E. Harvey, Jr. 2,319,988-91; May 25.
- Solvents, Production of refined. J. E. Harvey, Jr. 2,319,987; May 25.
- Soot blower system, Automatic. De L. E. Hibner and F. C. Arey. 2,327,524; Aug. 24.
- Soot cleaner. F. W. Linaker. 2,324,785; July 24.
- Sorting apparatus. C. J. Frey. 2,320,227; May 25.
- Sorting apparatus, Billet. M. Morgan. 2,322,655; June 22.
- Sorting case. L. E. Yates. 2,313,794; Mar. 16.
- Sorting device. H. E. Gantzer. 2,332,790; Oct. 26.
- Sorting machine. D. C. Cox. 2,325,665; Aug. 3.
- Sorting machine. M. Maul. 2,308,927; Jan. 19.
- Sorting machine. H. T. Odquist and B. Shmurak. 2,312,357; Mar. 2.
- Sorting machine. H. E. Veit. 2,310,661; Feb. 9.
- Sorting machine feeding and ejecting device. F. Van Haften. 2,316,375; Apr. 13.
- Sorting machine of the manual control type. T. J. Watson. 2,314,258; Mar. 16.
- Sorting machine, Vial length. L. W. Buzby. 2,329,873; Sept. 21.
- Sorting table. J. S. Pecker and H. A. Simpson. 2,315,013; Mar. 30.
- Sound absorbing or attenuant arrangement for reverberant rooms. H. Bencke. 2,335,728; Nov. 30.
- Sound-absorbing structure. J. S. Parkinson and W. A. Jack. 3d. 2,334,502; Nov. 16.
- Sound and picture apparatus. L. Wise. 2,323,638; July 6.
- Sound attachment device for motion picture machines. E. Bortnick. 2,315,309; Mar. 30.
- Sound attenuating device. R. B. Bourne. Re. 22,283; Mar. 9.
- Sound damping material, Sheet metal. H. B. Denman. 2,325,594; Aug. 3.
- Sound deadener. P. G. Peik. 2,337,525; Dec. 21.
- Sound-film control tracks, Method and apparatus for scanning. C. C. Davis. 2,307,825; Jan. 12.
- Sound frequencies, Reproduction of. F. H. Shepard, Jr. 2,313,096; Mar. 9.
- Sound frequency vibrations, Reproduction of. F. H. Shepard, Jr. 2,313,098; Mar. 9.
- Sound on film. J. R. Kiel. 2,314,834; Mar. 23.
- Sound operated control system. M. A. Kerr. 2,311,445; Feb. 16.
- Sound record and making the same. E. E. Sawyer. 2,310,998; Feb. 16.
- Sound record and reproducing system. W. J. Albersheim. 2,310,049; Feb. 2.
- Sound record carrier. F. Rieber. 2,310,545; Feb. 9.
- Sound record producing apparatus. E. W. Kellogg. 2,323,606; July 6.
- Sound recorder and reproducer. A. W. De Sart, Sr. 2,335,586; Nov. 30.
- Sound recording and reproducing. K. F. Morgan. 2,332,333; Oct. 19.
- Sound recording and reproducing. B. A. Proctor. 2,318,627; May 11.
- Sound recording and reproducing device. B. A. Proctor. 2,322,467; June 22.
- Sound recording and reproduction. F. G. Albin. 2,337,958; Dec. 28.
- Sound recording apparatus. H. I. Reiskind. 2,335,612; Nov. 30.
- Sound recording apparatus. E. F. Rigby and C. E. Leedy. 2,326,564; Aug. 10.
- Sound recording means for motion picture cameras. H. M. Kirschbaum. 2,322,144; June 15.
- Sound recording mechanism, Reversible. H. P. Clausen. 2,329,105; Sept. 7.
- Sound recording. Photographic. E. W. Kellogg. 2,323,607; July 6.
- Sound recording system. W. E. Garity and J. N. A. Hawkins. 2,313,867; Mar. 16.
- Sound records, Production of. G. L. Dimmick. 2,311,159; Feb. 16.
- Sound reproducer, Control track. H. I. Reiskind. 2,308,456; Jan. 12.
- Sound reproducing apparatus. H. Belar. 2,311,362; Feb. 16.
- Sound reproducing device. J. G. Kurzen, Jr. 2,316,174-5; Apr. 13.
- Sound reproducing-recording apparatus, Combined. P. S. Gay. 2,310,229; Feb. 9.
- Sound reproduction. J. H. McLeod. 2,308,015; Jan. 12.
- Sound signal. K. E. Bower. 2,307,989; Jan. 12.
- Sound translating apparatus. H. J. Hasbrouck, Jr. 2,311,385; Feb. 16.
- Sound translating apparatus. D. O. Landis. 2,325,688; Aug. 3.
- Sound translating device. H. C. Pye. 2,331,044; Oct. 5.
- Sound translating machine. B. A. Proctor. 2,318,628; May 11.
- Sound translating machine. B. A. Proctor. 2,329,482; Sept. 14.

- Sour. Laundry. R. H. Humbaugh and D. N. Utesch. 2,311,396; Oct. 12.
- Souring material. G. W. Kirby, M. H. Rasmussen, and S. A. McLaugh. 2,322,940; June 29.
- Soybeans, Preparing. O. Seabro. 2,316,458; Apr. 13.
- Soybeans, Treating. C. A. Raymond. 2,329,080; Sept. 7.
- Space discharge device and circuit. A. M. Skellett. 2,332,977; Oct. 26.
- Space discharge type harmonic generator. J. Markowitz. 2,329,699; Sept. 7.
- Space heater. K. B. Evans, E. F. Farrell, and G. M. Schneider. 2,318,476; May 4.
- Speeded turning machine. V. J. Szoda. 2,333,689; Nov. 9.
- Speeder. Bar. R. J. O'Brien. 2,324,719; July 6.
- Speeder for pull ties. J. C. Mushat. 2,323,723; July 6.
- Speeders for hair waving. M. L. Urs. 2,330,128; Sept. 21.
- Speeding device for frictionally opposed bodies. J. W. Watson and K. W. Hildenbrand. 2,319,472; May 11.
- Speeding device for punch presses and the like. W. Jagosz. 2,325,405; July 27.
- Spel. Structural. M. R. Wolfard. 2,333,136; Nov. 2.
- Spanish moss puller. I. C. Souder. 2,322,164; June 15.
- Spinner wench. E. T. Collins and H. M. Miller. 2,324,669; Nov. 9.
- Spar. W. J. DeShong. 2,326,289; Aug. 10.
- Spark advance indicator. R. H. Short. 2,312,778; Mar. 2.
- Spark plug. C. E. Reusler. 2,330,807; Oct. 5.
- Spark plug. G. G. and L. Burrell. 2,369,236; Jan. 26.
- Spark plug. T. L. Carson and J. P. Brown. 2,322,616; June 22.
- Spark plug. A. G. Ottensm. 2,323,792; July 6.
- Spark plug. J. A. D'Elia. 2,324,616; July 29.
- Spark plug. A. J. Hopkins. 2,331,929; Oct. 5.
- Spark plug. J. A. Jeffery. 2,312,909; Mar. 2.
- Sparks plug. H. K. King. 2,334,763; Nov. 16.
- Spark plug. R. F. Landrum. 2,320,617; June 1.
- Spark plug. G. F. Lindhes. 2,327,220; Aug. 17.
- Spark plug. T. Bogoda. 2,331,748; Oct. 12.
- Spark plug. A. C. Wall. 2,318,440; May 4.
- Spark plug adjusting device. H. Rabezama and A. J. Battey. 2,331,854; June 15.
- Spark plug and making. J. A. Doran. 2,311,047; Feb. 23.
- Spark plug and making the same. J. S. Coldwell. 2,314,128; Mar. 16.
- Spark plug making the same. T. G. McDougall. 2,321,840; June 15.
- Spark plug and making the same. T. Tognola. 2,333,749; Nov. 9.
- Spark plug cleaner. F. L. Davis. 2,332,063; Oct. 19.
- Spark plug crimping method and apparatus. D. W. Gregory. 2,308,068; Jan. 19.
- Spark plug insulator. F. H. Riddle. 2,337,930; Dec. 30.
- Spark plugs. Making. E. Haas. 2,307,403; Jan. 23.
- Spark plugs. Making. C. A. Kushler. 2,312,103; Feb. 23.
- Sparkproof flooring. W. W. Donelson. 2,323,461; July 6.
- Spark timing indicator. J. S. Buckwalter. 2,322,278; June 22.
- Sparkling plug. C. M. Carlington. 2,318,922; May 11.
- Sparkling plug. F. R. F. Ramsay. 2,309,980; Feb. 2.
- Sparkling plug electrode. W. T. Griffiths. 2,326,028; Aug. 3.
- Specimen holder for X-ray analyses. D. McLachlan, Jr. 2,317,329; Apr. 20.
- Spectacle case. W. R. Churchhill. 2,329,253; Sept. 14.
- Spectacle case. R. F. Schutz. 2,308,112; Jan. 12.
- Spectacle case and insert therefor. M. B. Roth. 2,317,302; Apr. 20.
- Spectacle hinge. S. Rey. 2,326,971; Aug. 17.
- Spectacles. C. W. Cochran. 2,323,518; July 6.
- Spectacles and like eyewear. N. W. Chappell. 2,320,100; Sept. 7.
- Spectacles, Vertically adjustable bifocal. J. S. Zell. 2,322,993; June 29.
- Spectral analysis. W. E. Burr. 2,309,301; Jan. 26.
- Spectral analysis, Comparative. C. H. Schlesman. 2,324,270; July 13.
- Spectrometer. R. S. Estey and K. W. Harper. 2,330,694; Sept. 28.
- Spectrometer, Mass. J. A. Hipple, Jr. 2,331,189-90; Oct. 5.
- Spectrophotometer. W. A. Shurcliff. 2,329,657; Sept. 14.
- Spectrophotometer. Compensating. A. P. Kruper. 2,336,550; Dec. 14.
- Spectrophotometer monochromator drive. O. W. Pineo. 2,328,203; Aug. 21.
- Speculum. W. Arnesen. 2,320,709; June 1.
- Speech transmission system. P. G. Edwards. 2,328,434; Aug. 31.
- Speed and directional changer. M. A. Elliott. 2,313,132; Mar. 9.
- Speed change system. R. S. Taylor. 2,336,513; Dec. 14.
- Speed compensating means for photograph turntable drives. B. W. Carrington. 2,312,798; Mar. 2.
- Speed control apparatus, Variable. D. W. Coy. 2,334,074; Nov. 9.
- Speed control, Automatic variable. J. P. Lesley and B. G. Martin. 2,329,276; Sept. 14.
- Speed control device for motor vehicles. D. J. Campbell. 2,336,447; Dec. 7.
- Speed control for direct current motors. C. T. Button. 2,331,960; Oct. 19.
- Speed control for direct current motors. I. C. Watson. 2,323,741; July 6.
- Speed control for motor driven cameras. W. W. Eaton. 2,333,572; Nov. 9.
- Speed control for squeeze rolls. C. E. Olive. 2,327,448; Aug. 24.
- Speed control mechanism. H. A. Bowers. 2,324,191; July 13.
- Speed control mechanism for cutoffs. H. C. Behrens. 2,320,710; June 1.
- Speed controller, Remote. J. H. Hammond, Jr. 2,307,583; Jan. 5.
- Speed controlled mechanism. A. Kuechmann and E. Boecking. 2,323,664; July 6.
- Speed controller. T. W. Dwell. 2,330,342; Sept. 28.
- Speed device, Variable. J. A. Hennessy. 2,313,436; Mar. 9.
- Speed drill. A. A. Nummelin. 2,317,106; Apr. 20.
- Speed drive, Adjustable. R. S. Elbert, Jr. 2,315,511; Apr. 6.
- Speed exhibiting device. E. C. Nicholides. 2,326,247-8; Aug. 10.
- Speed gearing, Change. W. H. De Lancey. 2,311,031; Feb. 16.
- Speed governor. F. W. Merrill. 2,311,409; Feb. 16.
- Speed governor for internal combustion engines. H. E. Hiner. 2,312,549; Mar. 2.
- Speed indicating and recording device. E. C. Nicholides. 2,326,246; Aug. 10.
- Speed indicating device. Z. E. House. 2,318,313; May 4.
- Speed indicator. D. A. Wilbur. 2,325,927; Aug. 3.
- Speed mechanism, Variable. J. H. Gerber. 2,324,074; July 13.
- Speed measuring and indicating. H. A. Satterlee. 2,331,931; Oct. 19.
- Speed planetary transmission for automobiles, Variable. I. P. Popoff. 2,310,115; Feb. 2.
- Speed pulley, Variable. W. W. Hallinan. 2,308,655; Jan. 19.
- Speed ratio control apparatus. W. L. Pollard. 2,326,214; Aug. 17.
- Speed recording device. W. E. Belcher. 2,321,273; June 8.
- Speed responsive device. H. L. Bone. 2,308,265; Jan. 12.
- Speed responsive device. H. L. Bone. 2,318,740; May 11.
- Speed rock hit. P. J. Swafford. 2,334,453; Nov. 16.
- Speed transmission and clutch, Variable. C. V. Everett. 2,330,002; Dec. 7.
- Speed transmission, Infinitely variable. W. H. Johnson. 2,316,793; Apr. 20.
- Speed transmission mechanism, Automatic variable. W. R. McKay. 2,321,226; June 8.
- Speed transmission, Variable. A. M. Madl. 2,315,067; Mar. 2.
- Speed transmission, Variable. A. G. Schneider. 2,308,547; Jan. 19.
- Speed transmission, Variable. A. Svoboda. 2,317,418; Apr. 27.
- Speed transmission, Variable. S. C. Watson. 2,329,733; Sept. 21.
- Speed unit and pulley therefor, Variable. P. B. Reeves. 2,326,392; Aug. 10.
- Speed varying devices. A. F. Georges. 2,325,502; July 27.
- Speed violation counter. C. A. Welch. 2,334,523; Nov. 16.
- Speed wall, Double shell dry. A. S. Brewer. 2,329,585; Sept. 14.
- Speedometer drive, Motorcycle. W. L. Carlson. 2,329,249; Sept. 14.
- Spermicide. F. V. Sander. 2,330,846; Oct. 5.
- Sphere rotating and controlling apparatus. L. J. Beindorf. 2,336,436; Dec. 7.
- Spheres, Method of and apparatus for winding. H. N. Huse. 2,311,339; Feb. 16.
- Sphygmomanometer, cuff or band. R. B. Gray. 2,320,179; May 25.
- Spices, Sterilization and preservation of. H. E. Allen. 2,333,505; Nov. 2.
- Spider and slip construction. J. S. Taylor. 2,319,016; May 11.
- Spider for cable reels. E. D. Kaser. 2,338,038; Dec. 28.
- Spiders for steering wheels, Making. C. F. Hildring. 2,334,767; Nov. 23.
- Spike extractor. C. D. Eaves. 2,330,874; Oct. 5.
- Spindle and pulley. V. I. Dudley. 2,326,444; Aug. 10.
- Spindle and knob construction. F. Lux. 2,322,949; June 29.
- Spindle bearing. H. H. Asbridge. 2,324,664; July 20.
- Spindle brake. E. E. Britts, Jr. 2,334,748; Nov. 23.
- Spindle brake. O. W. Schlums. 2,333,047; Oct. 26.
- Spindle construction. G. A. De Villeg. 2,317,981; May 4.
- Spindle construction, Welded. R. C. Allen. 2,317,092; Apr. 20.
- Spindle control for drilling and tapping machines. L. L. Schauer and J. H. McKewen. 2,318,335; May 4.
- Spindle control mechanism. W. R. Meyer. 2,330,985; Oct. 5.
- Spindle, Inclined grinder. W. G. Baldenhofer. 2,315,104; Mar. 30.
- Spindle lock. E. B. Swarens, E. F. Attula, and H. S. Molony. 2,316,493; Apr. 13.

- Spindle mechanism. Bottle lifter. G. J. Meyer. 2,329,407; Sept. 14.
- Spindle mounting for machine tools and the like, Air cooled. G. D. Scott. 2,323,850; July 6.
- Spindle reciprocating mechanism. R. E. Price and H. E. Balsiger. 2,318,799; May 11.
- Spindle, Roll. O. J. Sullivan. 2,331,743; Oct. 12.
- Spindle support. W. J. Elvin and C. L. Ilvick. 2,321,664; June 15.
- Spindle, Wharve-driven filer. G. S. Fraser. 2,310,685; Feb. 9.
- Spines, Raising. H. G. Barrett. 2,327,757; Aug. 24.
- Spinner. E. B. Benson. 2,328,185; Aug. 31.
- Spinneret. H. Whitehead. 2,334,890; Nov. 23.
- Spinning and torque measuring machine. A. De Rentis. 2,325,046; July 27.
- Spinning apparatus, Artificial silk dry. J. J. Calhoun. 2,327,399; Aug. 24.
- Spinning ball toy. J. Palmieri. 2,309,475; Jan. 26.
- Spinning box. H. J. McDermott. 2,325,786; Aug. 3.
- Spinning box. R. B. Weaver. 2,329,499; Sept. 14.
- Spinning cap. F. W. Koster, H. H. Butler, and A. Lodge. 2,331,200; Oct. 5.
- Spinning, Continuous. G. A. M. Heim. 2,334,325; Nov. 16.
- Spinning frame for making novelty yarn. F. E. Nutter and E. I. Spence. 2,332,395; Oct. 19.
- Spinning machine. A. De Rentis. 2,308,493; Jan. 19.
- Spinning machine control apparatus. H. D. Haley. 2,322,314; Oct. 19.
- Spinning of solutions of cellulose derivatives. S. Petersen and P. Schlack. 2,320,704; June 1.
- Spinning rings, Traveler for. H. E. Herr. 2,335,566; Nov. 30.
- Spinning solutions, Making. S. Gulbrandsen, N. S. Serinis, and C. T. Traut. 2,335,481; Dec. 14.
- Spinning filament. C. V. Litton. 2,334,716; Nov. 23.
- Spools. Manufacturing matched. E. E. Lynch and H. C. Thomas. 2,329,548; Sept. 14.
- Spirit level. E. D. Ball. 2,317,715; Apr. 27.
- Splash block. E. T. Luff. 2,334,779; Nov. 23.
- Splice for joints. B. S. Calvert. 2,318,054; May 4.
- Spint. Adjustable nose. D. R. Womack. 2,319,837; May 25.
- Spint. Bone. L. E. Marx. 2,333,033; Oct. 26.
- Spint, Clavicle. R. Anderson. 2,310,566; Feb. 9.
- Spint, Medical wood. T. E. Jackson. 2,318,864; May 11.
- Spint, Traction. R. Hartmann and G. R. Tifal. 2,319,400; May 18.
- Splitting machine. C. E. Hood. 2,319,324; May 18.
- Spreader. Ventilated. P. S. Baker. 2,329,177; Sept. 14.
- Splice gripping device for skin supports. Swift. M. W. Becker. 2,335,476; Nov. 30.
- Sponge rubber. E. S. Blake. 2,335,730; Nov. 30.
- Sponge rubber and making same. K. H. Bowen and L. W. Gane. 2,324,466; July 20.
- Sponge rubber. Making. W. J. Clayton. 2,323,119; June 29.
- Sponge rubber, Making. S. R. Ogilby. 2,309,005; Jan. 19.
- Sponge rubber material, Making. G. W. Blair and V. H. Bodie. 2,325,903; Aug. 3.
- Sponges, Method and apparatus for making artificial. L. P. G. Vautier. 2,332,955; Oct. 26.
- Sponges, Method of and mold for forming cellulose. T. F. Banigan. 2,329,239; Sept. 14.
- Spool. G. D. Atwood. 2,321,954; Oct. 19.
- Spool. H. C. Howsam. 2,334,874; Nov. 24.
- Spool. H. Howsam and G. G. Tucker, Jr. 2,321,084; June 8.
- Spool. W. J. Pasinski. 2,322,055; June 15.
- Spool. G. G. Tucker, Jr. 2,316,028; Apr. 6.
- Spool, bobbin, or the like. P. Willner. 2,314,749; Mar. 23.
- Spool construction. B. C. Roehrl. 2,309,539; Jan. 26.
- Spool feed, Supply. J. K. Delano. 2,331,662; Oct. 12.
- Spool, Flexible winding. L. S. Fryer and W. J. Jokilehto. 2,328,335; Aug. 31.
- Spool rack. H. Goldschmidt. 2,330,702; Sept. 28.
- Spool thread assembly. C. Huber. 2,317,771; Apr. 27.
- Spool transfer device for winding machines. W. Siegenthaler. 2,314,020; Mar. 16.
- Spool, winder. Axminster. C. C. Blom. 2,333,408; Nov. 2.
- Spools, Fabricating flexible. L. S. Fryer and W. J. Jokilehto. 2,332,826; Oct. 26.
- Spoon holding attachment for cooking pans. J. Bal-larino. 2,314,755; Mar. 23.
- Spoon for citrus fruits. A. Wright. 2,320,994; June 8.
- Spoon, Medicine. J. P. Tackach. 2,313,977; Mar. 16.
- Spot adjusting mechanism for radio transmitters. H. J. H. Wassell. 2,323,170; June 29.
- Spot-facer and boring tool, Adjustable. W. A. Behr. 2,338,073; Dec. 28.
- Spot lamp. E. C. Richardson. 2,307,301; Jan. 5.
- Spotlight. Combination mercury mazda. C. W. Clarkson. 2,319,207; May 18.
- Spotlight indicator. H. De W. Ridge. 2,333,492; Nov. 2.
- Spot machine. C. S. Jackson, A. C. Parlini, and E. Hascher. 2,324,506; July 20.
- Spot welder electrode holder. R. L. Gann. 2,332,789; Oct. 26.
- Spot welding machine. G. S. Mikhailapov. 2,314,099; Mar. 16.
- Spots in fabrics, Repairing damaged. M. L. Roach. 2,308,717; Jan. 19.
- Spotter, Airplane. C. Sadowsky. 2,333,678; Nov. 9.
- Spout, Box opener and pouring. N. C. Stiwell. 2,318,899; May 11.
- Spout, Can opener. L. J. McCarthy. 2,312,351; Mar. 2.
- Spout, Can pouring. F. Pollifrone. 2,333,952; Nov. 9.
- Spout, Detachable. C. A. Eilers. 2,315,250; Mar. 30.
- Spout, Detachable, pour. A. J. Gramp. 2,331,971; Oct. 19.
- Spout for containers, Pouring. E. H. Levin. 2,332,153; Oct. 19.
- Spout for faucets, Swinging. J. E. Svabek, Jr. 2,324,741; July 20.
- Spout, Pouring. A. Parsons. 2,330,310; Sept. 28.
- Spout, Retractable. W. B. Johnson. 2,328,020; Aug. 31.
- Spray and shampoo fitting, Combined cold and hot water. C. McKendrick. 2,325,333; July 27.
- Spray attachment for hose. A. P. Scritchfield. 2,332,350; Oct. 19.
- Spray coating articles. H. P. Ransburg and H. J. Green. 2,334,648; Nov. 2.
- Spray composition. C. D. Dolman. 2,317,741; Apr. 27.
- Spray composition and making the same, Insecticide. W. C. Klingler. 2,335,862; Dec. 7.
- Spray disk for spray valves. J. H. Gerrer. 2,308,476; Jan. 12.
- Spray drying apparatus and method. D. D. Peebles. 2,314,159; Mar. 16.
- Spray head. J. B. Baird. 2,314,754; Mar. 23.
- Spray head. S. Isenberg. 2,325,123; July 27.
- Spray machine, Paint. T. F. Brackett. 2,321,982; June 15.
- Spray metal coated, metal surfaced articles. J. F. Meduna. 2,320,329; May 25.
- Spray metal to metal surfaced substantially cylindrical objects, Application of. J. F. Meduna. 2,320,328; May 25.
- Sprayer. N. A. Constantine. 2,325,112; July 27.
- Sprayer device. W. H. Rose. 2,326,568; Aug. 10.
- Sprayer, Powder. H. J. Berenson. 2,315,581; Apr. 6.
- Spraying apparatus. D. D. Heimburger. 2,310,633; Feb. 9.
- Spraying attachment for cultivators. J. H. Singleton. 2,336,577; Dec. 14.
- Spraying device. N. C. Fischer. 2,307,206; Jan. 5.
- Spraying device. J. H. Homrighous. 2,315,120; Mar. 30.
- Spraying device for paper machines. A. E. Broughton. 2,318,368; May 4.
- Spraying device, Universally adjustable automatic. E. Gustafsson and J. W. Baur. 2,328,448; Aug. 31.
- Spraying, dusting, and frost preventing device. W. Sanderson, J. Amelung, and M. Walther. 2,315,096; Mar. 30.
- Spraying loose material, Device for. T. R. James. 2,319,865; May 25.
- Spraying machine. F. De Bellis. 2,336,851; Dec. 14.
- Spraying machine. G. W. Daugherty. 2,331,107; Oct. 5.
- Spraying machine. J. O. Kahl. 2,317,066; Apr. 20.
- Spraying machine, Collapsible tube. G. W. Temple. 2,324,890; July 20.
- Spreader. J. H. Delaney. 2,318,064; May 4.
- Spreader. H. S. Hiroshima. 2,323,995; July 13.
- Spreader. F. H. Wyman. 2,316,306; Apr. 13.
- Spreader, Clay. F. M. Kinnard. 2,335,123; Nov. 23.
- Spreader, Cotter pin. J. M. Schultz. 2,330,013; Sept. 21.
- Spreader for looms. A. DeGhetto. 2,321,283; June 8.
- Spreader leg and drag. N. J. Boehm and D. E. Staub. 2,326,325; Aug. 10.
- Spreader, Manure. R. D. MacDonald. 2,318,406; May 4.
- Spreader, Material. E. W. Swenson. 2,327,679; Aug. 24.
- Spreader, Sand. J. A. Holden. 2,327,895; Aug. 24.
- Spreader, surface coater and the like. Glue. J. E. and R. S. Black. 2,326,429; Aug. 10.
- Spreader, Tire. A. Long. 2,323,144; June 29.
- Spreading machine. G. E. Adams. 2,337,436; Dec. 21.
- Spring: See—
Pneumatic spring.
- Spring. H. Nutt and R. L. Smirl. 2,325,193; July 27.
- Spring attachment thereof, Switch wiper. P. B. Drake. 2,318,383; May 4.
- Spring assembly. D. I. Levine. 2,314,050; Mar. 16.
- Spring assembly. L. A. Young and V. Agaro. 2,320,987; June 8.
- Spring assembly. L. A. Young and V. Asaro. 2,332,124; Oct. 19.
- Spring attachment for control levers. R. A. Henning. 2,329,898; Sept. 21.
- Spring bar for wrist watches. A. J. Geoffrion. 2,308,505; Jan. 19.
- Spring bolt structure. J. W. Leighton. 2,316,439; Apr. 13.
- Spring clip. A. E. Pelz. 2,326,558; Aug. 10.
- Spring clip attachments for clothespins. L. H. Penley. 2,321,563; June 8.
- Spring clutch. W. C. Starkey. 2,336,757; Dec. 14.
- Spring coiling machine. C. H. Peterson. 2,324,641; July 20.

- Spring collet. H. H. Simpson. 2,335,074; Dec. 7.
 Spring construction. H. Hopkins. 2,315,703; Apr. 6.
 Spring construction. F. J. Horton. 2,319,684; May 18.
 Spring construction. A. W. Moske. 2,320,153; May 23.
 Spring construction. W. T. Sark. 2,311,256; Feb. 16.
 Spring construction. R. F. and A. L. Winders. 2,309,880; Feb. 2.
 Spring contact for electric connections. S. F. Bird. 2,317,023; Apr. 20.
 Spring cushion unit. Padded. A. Krakauer. 2,313,413; Mar. 9.
 Spring cushioned wheel. A. C. and J. F. Salisbury. 2,332,115; Oct. 19.
 Spring device. W. Hagelstein. 2,330,120; Sept. 21.
 Spring end mounting brackets. W. L. Jones. 2,333,183; Nov. 2.
 Spring fastener. O. E. Summers. 2,318,640; May 11.
 Spring feeding apparatus. H. Bedard. 2,324,901; July 20.
 Spring for chair seats. Flexwood. A. J. Schaffner. 2,335,160; Nov. 23.
 Spring for chair seats. Laminated flexwood. A. J. Schaffner. 2,316,628; Apr. 13.
 Spring for cushioned seats. Wire. W. H. Neely. 2,330,006; Oct. 5.
 Spring for the holder. Locking. E. R. Weber. 2,336,325; Dec. 7.
 Spring frame assembly. W. I. Hutton. 2,321,817; June 15.
 Spring frame for cribs. Adjustable. B. Ulme. 2,311,892; Feb. 25.
 Spring jaw trap. F. S. Taylor. 2,333,828; Nov. 9.
 Spring leaf bearing and the like. H. H. Husche. 2,308,754; Jan. 19.
 Spring loaded stuffing box. D. G. Fawkes. 2,308,475; Jan. 12.
 Spring mattress and the like. L. S. Wallis. 2,320,020; May 25.
 Spring mattress structure. F. Hampton. 2,324,258; July 13.
 Spring motor. N. W. Bernard. 2,318,433; May 1.
 Spring motor. W. J. Dally. 2,327,509; Aug. 24.
 Spring mounting. R. C. Townsend. 2,337,073; Dec. 21.
 Spring mounting for presses. G. F. Wales. 2,324,657; July 20.
 Spring piece. O. C. Barnett. 2,308,042; Jan. 12.
 Spring ship. E. B. Briggs. 2,331,152; Oct. 12.
 Spring structure. V. Asaro. 2,332,041-2; Oct. 19.
 Spring structure. V. Asaro. 2,331,195; Nov. 16.
 Spring structure. V. Asaro. 2,336,975; Dec. 11.
 Spring structure. E. L. Bass. 2,321,790; June 15.
 Spring structure. W. A. Clark. 2,309,239; Jan. 26.
 Spring structure. W. A. Clark and V. Asaro. 2,313,923; Mar. 30.
 Spring structure. J. Pillero and N. Goldberg. 2,315,543; Apr. 6.
 Spring structure. L. A. Young. 2,321,268; June 8.
 Spring suspension. G. W. Newton and P. Heffter. 2,331,702; Nov. 23.
 Spring suspension, especially for vehicles. T. Ulrich. 2,311,603; Feb. 16.
 Spring suspension for chassis. T. Ulrich. 2,311,419; Feb. 16.
 Spring suspension for furniture. C. C. Meusch. 2,314,361; Mar. 23.
 Spring suspension for railway trucks. F. M. White. 2,307,439; Jan. 5.
 Spring suspension for vehicle wheels. H. Weber and C. Peterson. 2,325,561; July 27.
 Spring suspension for vehicles. W. D. McIntyre, J. M. Nielsen, and C. E. Reid. 2,314,505; Mar. 23.
 Spring suspension for wheeled vehicles. J. H. Graham. 2,308,750; Jan. 19.
 Spring tension device. E. G. Baker. 2,334,897; Nov. 23.
 Spring unit and constructing the same. G. C. Burd. 2,309,164; Jan. 26.
 Spring units. Cable tied. H. W. Sternberg. 2,327,740; Aug. 24.
 Spring weight control. Cushion-type. W. Cunningham. 2,307,070; Jan. 5.
 Spring wheel. W. E. Dailey. 2,317,136; Apr. 20.
 Spring wheel. P. Filipponi. 2,336,607; Dec. 14.
 Spring wheel. E. R. Thorsness. 2,321,954; June 15.
 Spring winding device. C. Hill. 2,311,230; Feb. 16.
 Springing connection. Individual. J. W. Leighton. Re. 2,355; July 27.
 Springing mechanism for vehicles. F. Reimspliss. 2,328,740; Sept. 7.
 Springs. Device for pocketing. C. F. Peterson. 2,334,884; Nov. 23.
 Springs. Machine for making helically wound barrel-shaped. H. Knoop. 2,335,423; Nov. 30.
 Springs. Method and apparatus for making spiral. C. Kirchner. 2,333,797; Nov. 9.
 Sprinkler. I. Jepson. 2,335,281; Nov. 30.
 Sprinkler. H. C. Wright. 2,335,332; Nov. 30.
 Sprinkler. Garden hose. B. E. Summers. 2,314,525; Mar. 23.
 Sprinkler head. J. M. Johnson. 2,312,252; Feb. 23.
 Sprinkler head. E. H. Orstie. 2,324,170; July 13.
 Sprinkler. Irrigation. W. N. Bagley. 2,322,271; June 22.
 Sprinkler. Lawn. R. W. Lappin. 2,310,796; Feb. 9.
 Sprinkler. Lawn. T. Svet. 2,311,266; Feb. 16.
 Sprinkler. Lawn. E. M. Truedson. 2,315,911; Apr. 6.
 Sprinkler. Rotary. G. R. Barksdale. 2,323,701; July 6.
 Sprinkler. Rotary. F. C. Orr. 2,309,782; Feb. 2.
 Sprinkler. Self regulating. O. H. Engelhart. 2,336,725; Dec. 14.
 Sprocket chain lubrication. W. M. Albrecht. 2,336,913; Dec. 14.
 Sprocket for feeding film. W. L. Woolf. 2,319,282; May 18.
 Sprocket mechanism. H. Heidegger. 2,312,760; Mar. 2.
 Spool locking device. Automatic. C. H. Ellaby and C. F. MacNish. 2,335,266; Nov. 30.
 Spurious responses in radio reception. Reduction of. D. E. Foster and J. A. Rankin. 2,313,635; Mar. 9.
 Square. W. B. Painter. 2,315,004; Mar. 30.
 Square and compass. Combined. E. D. Dillon. 2,337,315; Dec. 21.
 Square. Combination. M. Keegan. 2,308,373; Jan. 12.
 Square. Polygon. E. B. Hidy. 2,327,892; Aug. 24.
 Square. Precision. P. J. Rensen. 2,336,562; Aug. 10.
 Square wave generator. R. D. Hutchens. 2,315,374; Mar. 30.
 Square wave generator. G. Swift. 2,310,328; Feb. 9.
 Squawker for toys. O. B. Crowell. 2,317,255; Apr. 20.
 Stabilization. L. Kniel and A. H. Schutte. 2,320,616; Jan. 1.
 Stabilization and control of rotating wing aircraft. C. G. Pullin. 2,337,570; Dec. 28.
 Stabilization of cellulosic fabrics. L. H. Bock and A. L. Hock. 2,336,310; Dec. 7.
 Stabilization of liquids. W. J. Hughes. 2,325,679; Aug. 3.
 Stabilization of styrene. S. G. Foord. 2,318,211-12; May 14.
 Stabilization of superpolymers. J. B. Howard. 2,322,938; June 29.
 Stabilization of tetraethyl lead and a motor fuel containing the same. E. W. Cook and W. D. Thomas, Jr. 2,316,739; Apr. 13.
 Stabilized horizon. F. L. Thurlow and S. M. Burka. 2,321,051; June 8.
 Stabilized liquid coating composition. W. N. Stoops and W. A. Denison. 2,324,740; July 20.
 Stabilizer. M. B. Briggs. 2,310,570; Feb. 9.
 Stabilizer. C. H. Deerwester and L. D. Bedell. 2,325,835; Aug. 3.
 Stabilizer for controllers or regulators. F. D. Burns and W. E. Thorne. 2,320,508; June 1.
 Stabilizer for independent front wheel suspension assembly. A. C. Gardocki, Jr. 2,308,748; Jan. 19.
 Stabilizer for metal dispersants in lubricants. R. W. Henry and S. C. Britton. 2,321,203; June 8.
 Stabilizer system. L. L. Weissglass. 2,319,378; Mar. 18.
 Stabilizer system for regulators. H. Zieholz. 2,312,464; Mar. 2.
 Stabilizing agents. Production of. A. A. Lund. 2,337,562; Dec. 28.
 Stable, complex compound for use as a flour bleaching agent and as a convenient source of nitrogen oxides. Process of producing a. S. Z. Avedikian. 2,320,058; May 25.
 Stable crystalline anhydrous alpha lactose product and process. F. P. Sharp. 2,319,562; May 18.
 Stable driver. W. H. Russell. 2,336,961; Dec. 14.
 Stable tall oil products. T. Hasselstrom. 2,331,762; Nov. 23.
 Stack switch construction. V. Hardy. 2,329,266; Sept. 14.
 Stacker. Can. H. W. Wilson. 2,318,444; May 4.
 Stacker and loader. Sweep rake. J. A. Toffey. 2,322,487; June 22.
 Stacking and boxing apparatus. C. G. Joa. 2,324,930; July 20.
 Stacking apparatus. G. S. Sillars. 2,323,359; July 6.
 Stacking articles. J. R. Jason. 2,312,821; Mar. 2.
 Stacking machine. Sheet. H. G. Bleistein. Re. 22,395; Nov. 30.
 Staging indicator. E. E. Rosaire. 2,319,519; May 18.
 Staging board. R. Olsen. 2,334,836; Nov. 23.
 Stair. Folding. R. B. Marschke. 2,321,499; June 8.
 Stairs track. S. Stochmal. 2,312,273; Feb. 23.
 Stairway. R. J. Pick. 2,336,169; Dec. 7.
 Stairway. Folding. R. B. Marschke. 2,314,004; Mar. 16.
 Staker. F. P. Roesch. 2,320,471; June 1.
 Stalk cutter. C. W. Green. 2,308,281; Jan. 12.
 Stalk cutter. J. M. Leggett. 2,324,092; July 13.
 Stalk cutter. P. W. Spell. 2,337,355; Dec. 21.
 Stalk cutter. J. O. Watson. 2,322,076; June 15.
 Stall partition. F. J. and L. J. Van Cott. 2,326,582; Aug. 10.
 Stamp counting machine. W. H. Slinn. 2,321,529; June 8.
 Stamp holder. A. Gunning. 2,332,571; Oct. 26.
 Stamp. Marking. D. H. Hardy. 2,307,127; Jan. 5.
 Stamping device. J. Nisenson. 2,312,727; Mar. 2.
 Stamping die. F. S. Speicher and L. C. Hauer. 2,317,861; Apr. 27.
 Stamping machine. Chinaware. G. E. Lawrence. 2,335,213; Nov. 23.
 Stanchions for protective railings. Removable. M. Gray. 2,315,516; Apr. 6.

- Stand: See—
Adjustable display stand.
Adjustable stand.
All-metal folding camera stand.
Bicycle stand.
Book stand.
Carrier and stand.
Christmas tree stand.
Cooling and display stand.
Dental equipment stand.
Display stand.
Engine inspection stand.
Stand desk lamp. C. L. Dewey. 2,331,893; Oct. 19.
Stand for bicycles, Kick. T. Thompson. 2,308,794; Jan. 19.
Stand for infants, Supporting. A. J. Ouellette. 2,324,421; July 13.
Stand for knitting machines, Adjustable combination. W. A. Ingalls. 2,333,572; Nov. 2.
Stand for motor driven tools and the like. H. E. Tautz. 2,325,083; July 27.
Stand for scooters, Supporting. R. A. Klatt and O. W. S. 2,314,066; May 11.
Standard blanks and a variety of finished units therefrom, Forming. A. L. Parker. 2,309,666; Feb. 2.
Staple. I. M. Reid and C. H. Johnson. 2,309,536; Jan. 26.
Staple. L. Weiss. 2,323,362; July 6.
Staple driving device. L. Schreckwitz. 2,331,509; Oct. 2.
Staple fibers from viscose, Producing high strength and crimped. J. J. Stoeckly and W. Linnhoff. 2,315,560; Apr. 6.
Staple for stapling machine. L. Obstfeld. 2,321,847; June 15.
Staple forming and setting machine. R. E. Zeruneith. 2,314,184; Mar. 16.
Staples, Machine and apparatus for forming pin ticket. A. M. Wallace. 2,335,715; Nov. 30.
Stapling and crimping synthetic textile fibers. E. W. Rugeley. 2,327,460; Aug. 24.
Stapling device. M. Abrams and G. Berger. 2,312,142; Feb. 23.
Stapling device. D. R. La Place. 2,328,983; Sept. 7.
Stapling machine. S. A. Crosby. 2,311,643; Feb. 23.
Stapling machine. G. F. Hitt. 2,308,919; Jan. 19.
Stapling machine. D. R. La Place. 2,308,611; Jan. 19.
Stapling machine. A. H. Schmidtke. 2,316,988; Apr. 20.
Stapling machine. R. H. Van Saun. 2,320,684; June 1.
Star finder. E. B. Collins. 2,337,545; Dec. 28.
Star wheel. H. A. de Vry and O. R. Nemeth. 2,332,509; Oct. 26.
Starch and method of making, Thick bodied. G. E. Felton and H. H. Schopmeyer. 2,328,537; Sept. 7.
Starch conversion process. S. M. Cantor. 2,328,191; Aug. 31.
Starch conversion process. R. E. Daly and J. F. Walsh. 2,307,723; Jan. 5.
Starch conversion products, Making. H. H. Schopmeyer and A. H. Goodman. 2,332,758; Oct. 26.
Starch, Liquefaction of. H. O. Kaufmann, P. H. Margulies, and J. R. Ryan. 2,307,684; Jan. 5.
Starch, Manufacture of. A. H. Kelling. 2,324,849-50; July 20.
Starch, Manufacture of. A. H. Kelling. 2,325,250; July 27.
Starch manufacturing process. A. Peltzer. 2,316,807; Apr. 20.
Starch manufacturing process. A. Peltzer. 2,323,077; June 29.
Starch manufacturing process. A. Peltzer and A. Peltzer, Jr. 2,310,651; Feb. 9.
Starch, Modified. A. D. Fuller. 2,317,752; Apr. 27.
Starch product and making. H. H. Schopmeyer and G. E. Felton. 2,316,637; May 18.
Starch product, Dry. A. A. Salzburg. 2,314,450; Mar. 23.
Starch, Treatment of. R. W. Kerr. 2,332,320; Oct. 19.
Starter burner. A. J. Yeager. 2,336,832; Dec. 7.
Starter combination, Airplane. J. D. Maule. 2,314,546; Dec. 23.
Starter, Engine. J. E. Buxton. 2,319,441; May 18.
Starter, Engine. J. F. Koepfle. 2,321,686; June 15.
Starter for internal combustion engines. S. Granjon. 2,312,402; Mar. 2.
Starter gearing. S. A. Stage. 2,320,897; June 1.
Starter gearing for internal combustion engines. T. B. Martin. 2,332,864; Oct. 26.
Starter, Motor and P. Choviller. 2,321,798; June 15.
Starting and ballasting apparatus for electric discharge devices. T. T. Short. 2,334,587; Nov. 16.
Starting and maintaining flow of viscous fluids. P. H. Stambaugh. 2,331,435; Oct. 12.
Starting and operating means for gaseous discharge devices. J. G. Sola. 2,329,092; Sept. 7.
Starting and stopping mechanism. L. E. James. 2,333,105; Nov. 2.
Starting device, Automatic. I. E. Coffey. Re. 22,385; Oct. 26.
Starting device for internal combustion engines. O. Celio. 2,333,745; Nov. 9.
Starting gate. N. C. Harris and J. P. Whann. 2,309,952; Feb. 2.
Starter gearing. T. Jackson. 2,311,944; Feb. 23.
Starting device for runners. R. W. Arnett. 2,323,510; July 6.
Starting sequence system for telegraphs. R. E. Zenner. 2,334,234; Nov. 16.
Starting switch. I. B. Bensin. 2,332,492; Oct. 19.
Starting system and mechanism for gaseous discharge lamps. E. J. Leuthold. 2,319,241; May 18.
Static balancing machine. L. Petersen. 2,338,057; Dec. 28.
Static current converter with voltage regulation. U. Lamm. 2,311,839; Feb. 23.
Static discharge device. H. M. Huckle. 2,311,608; Feb. 16.
Static elimination. R. H. George. 2,309,584; Jan. 26.
Static eliminator in printing. T. J. Beregh. 2,327,695; Aug. 24.
Static eliminator for radio telegraphy. T. W. Holden. 2,334,627; Nov. 16.
Static eliminator for vehicles. S. P. Thacher and G. G. Havens. 2,318,340; May 4.
Static frequency changing system. A. B. Haines. 2,309,586; Jan. 26.
Static fuse testing machine. M. Sekella. 2,316,134; Apr. 22.
Station circuit. O. A. Shann. 2,332,872; Oct. 26.
Station for carrier frequency communication systems, Subscriber's. H. Nitz. 2,330,612; Sept. 28.
Station selecting system. J. F. Keithley and G. J. Knaund. 2,332,645; Oct. 26.
Stationary padding device. C. W. Bond. 2,310,059; Feb. 2.
Stationery, Business transaction. D. A. Ginsburg. 2,307,036; Jan. 5.
Stationery, Manifolding. A. A. Johnson. 2,328,081; Aug. 31.
Statistical machine. A. H. Dickinson. 2,325,941; Aug. 3.
Statistical machine. N. G. Holden. 2,329,677; Sept. 14.
Statistical machine. A. Thomas and N. G. Holden. 2,324,438; July 13.
Staybolt, Hollow. G. R. Greenslade and F. K. Landgraf. 2,332,569; Oct. 26.
Stay, Collar. B. B. Manaster. 2,325,866; Aug. 3.
Stay strip. J. Goldman. 2,315,851; Apr. 6.
Steady rest. R. E. Bauer. 2,332,837; Oct. 26.
Steam and water mixing device. T. N. Adlam. 2,335,450; Nov. 30.
Steam boiler. J. E. Brantly. 2,312,622; Mar. 2.
Steam boiler. C. D. Young and F. W. Hankins. 2,324,345; July 13.
Steam boiler firebox. C. E. Hartley. 2,327,522; Aug. 24.
Steam boilers, Treating. F. W. Miller. 2,318,247; May 4.
Steam control system for locomotive cylinders and steam chests. C. Stern. 2,319,642; May 18.
Steam electric sadorin. B. Altman and P. Stillier. 2,322,103; June 15.
Steam engine. W. Newcomb. 2,311,074; Feb. 16.
Steam generating electric iron. H. E. Bremer. 2,328,124; Aug. 31.
Steam generator. J. P. Badenhausen. 2,336,832-3; Dec. 14.
Steam generator. E. G. Bailey and D. H. N. Mayo. 2,333,631; Nov. 9.
Steam generator. E. G. Bailey and A. E. Raynor. 2,326,513; Aug. 10.
Steam generator. J. Blizard. 2,313,043; Mar. 9.
Steam generator. F. G. Brinig. 2,309,334; Jan. 26.
Steam generator. G. H. Daniels. 2,332,508; Oct. 26.
Steam generator. M. Frisch. 2,313,061; Mar. 9.
Steam generator. A. H. Haberstamp. 2,336,011; Dec. 7.
Steam generator. F. E. Hutton. 2,309,114; Jan. 26.
Steam generator. D. H. N. Mayo and A. E. Raynor. 2,310,801; Feb. 9.
Steam generator. J. V. Pyle. 2,313,841; Mar. 16.
Steam generator. A. E. Raynor. 2,330,240; Sept. 28.
Steam generator. G. A. Rehm. 2,322,390; June 22.
Steam generator. E. J. Rooney. 2,332,534; Oct. 26.
Steam generator. N. G. Sandstrom. 2,328,530; Aug. 31.
Steam generator. T. C. Toomey and J. G. Brandt. 2,328,039; Aug. 31.
Steam hand iron. M. M. Kistner. 2,313,382; Mar. 9.
Steam handling apparatus. J. N. Selvig. 2,312,448; Mar. 2.
Steam heating method. J. T. Reader. 2,312,192; Feb. 23.
Steam heating system. J. A. Donnelly. 2,325,487; July 27.
Steam heating system. J. T. Reader. 2,312,191; Feb. 23.
Steam injector. W. H. Tinker. 2,337,283; Dec. 21.
Steam iron. E. O. Morton. 2,337,078; Dec. 21.
Steam iron. A. Sussman. 2,333,693; Nov. 9.
Steam iron. K. L. Woodman. 2,317,706; Apr. 27.
Steam iron. K. L. Woodman. 2,337,077; Dec. 21.
Steam joint. R. Carpenter. 2,313,322; Mar. 9.
Steam method of and apparatus for washing. V. A. Roblin. 2,315,226; Mar. 30.
Steam pressing iron. J. C. Ledbetter. 2,323,225; June 29.
Steam pressing iron. M. A. Schwartz. 2,336,807; Dec. 14.
Steam separator. P. B. Place. 2,326,491; Aug. 10.
Steam superheater. F. H. Einwaechter, Jr., and W. N. Hiedeman. 2,328,896; Sept. 7.

- Steam trap. J. P. McKee. 2,328,986; Sept. 7.
 Steamer device. Dress. C. Fungor. 2,319,434; May 18.
 Steel alloy and die block. W. F. Finkl. 2,331,900; Oct. 19.
 Steel and articles produced therefrom, Columbian-bearing authentic. V. B. Boone. 2,320,260; May 25.
 Steel and making same. Galvanized. N. P. Veeder. 2,309,801; Feb. 2.
 Steel and rubber spring. Combined. E. H. Piron. 2,322,879; June 20.
 Steel arches. Coating and fabricating. J. S. Thompson and E. W. Goodspeed. 2,315,502; Apr. 6.
 Steel articles. Manufacture of nitrided. E. R. Gadd and H. Keates. 2,334,081; Nov. 9.
 Steel beam. Fabricated. A. M. Bowman. 2,309,823; Feb. 2.
 Steel. Chromium. R. Franks. 2,334,839; Nov. 23.
 Steel. Coloring stainless. C. Batcheller. 2,312,066; Feb. 23.
 Steel. Heat treating electrical silicon. J. Johnston. 2,326,617; Dec. 14.
 Steel heat treatment. R. A. Grange. 2,335,506; Nov. 30.
 Steel. Heat treatment of hardenable. C. G. Purnell. 2,322,777; June 20.
 Steel in inert gas enclosures. Rolling. M. C. Vinther. 2,337,008; Dec. 14.
 Steel. Low-alloy corrosion resistant. C. P. Larrabee. 2,315,156; Mar. 30.
 Steel. Making. P. R. Kaibischer. 2,333,573; Nov. 2.
 Steel. Method of and apparatus for making. O. Lelop. 2,333,654; Nov. 9.
 Steel. Method of and apparatus for straightening strip. J. B. Wilson. 2,333,282; Nov. 2.
 Steel. Patenting. E. E. Leige. 2,324,630; July 20.
 Steel. Process and preparation for heat treating of. J. H. Schmitt. 2,331,652; Nov. 16.
 Steel product and the manufacture thereof. H. N. Landis. 2,320,040; May 25.
 Steel. Production of. P. D. Nielsen. 2,317,793; Apr. 27.
 Steel rolls. Method and apparatus for hardening. J. A. Taylor. 2,317,233; Apr. 20.
 Steel rule slot cutting means. J. D. Klopfenstein. 2,316,650; Apr. 13.
 Steel. Shave-milling. E. Reaney. 2,328,493; Aug. 31.
 Steel sheets. Process of hot rolling deep drawing. R. R. Brown. 2,321,183; June 8.
 Steel. Silver-containing free-machining die. H. W. Russell and L. R. Jackson. 2,327,561; Aug. 24.
 Steel strip or sheet. Cold rolling. V. Byus and E. D. Spangler. 2,330,469; Sept. 28.
 Steel strip pickling. Continuous. T. F. Reed. 2,314,369; Mar. 23.
 Steel surfaces. Cleaning. C. J. Wernlund. 2,315,568; Apr. 6.
 Steel. Treating. L. E. McGlinchey. 2,310,703; Feb. 9.
 Steel. Treating. W. A. Saylor. 2,319,635; May 18.
 Steel wire. Drawing stainless. J. J. Cougherty. 2,337,185; Dec. 21.
 Steel with a carbon electrode. Arc welding low-carbon. B. M. Larsen. 2,330,601; Sept. 28.
 Steels. Aluminum-treated cast. A. P. Gagnebin. 2,316,948; Apr. 20.
 Steels. Austenitic chromium-nickel and or manganese. R. Franks. 2,334,870; Nov. 23.
 Steels. Deep-hardening silicon. W. Crafts. 2,326,838; Aug. 17.
 Steerable caster type tail wheel. E. A. Camburn. 2,329,823; Sept. 21.
 Steering and control mechanism. Automatic. C. L. Paulus and R. K. Stout. 2,317,400; Apr. 27.
 Steering apparatus. E. A. McMurtry. 2,334,343; Nov. 16.
 Steering control for aircraft. Automatic. F. W. Meredith. 2,323,151; June 20.
 Steering device aid for heavy motor trucks and the like. H. Zigan. 2,311,321; Feb. 16.
 Steering device. Balanced automatic. F. S. Hodgman. 2,310,954; Feb. 16.
 Steering device for boats. C. M. Wellons. 2,328,041; Aug. 31.
 Steering gear. C. F. W. Borgwardt. 2,332,838; Oct. 26.
 Steering gear. J. G. Douglas. 2,322,000; June 15.
 Steering gear. H. E. Pulleyblank. 2,319,880; May 25.
 Steering gear for vehicles. H. Scott-Paine and D. R. Thomas. 2,314,165; Mar. 16.
 Steering gear for wheeled vehicles. T. A. Bowe. 2,333,149; Nov. 2.
 Steering knuckle. R. H. Phelps. 2,311,125; Feb. 16.
 Steering linkage. F. F. Kishline. 2,313,946; Mar. 16.
 Steering mechanism. J. D. Russell. 2,337,002; Dec. 14.
 Steering mechanism. J. W. White. 2,308,846; Jan. 19.
 Steering mechanism for vehicles and tractors. F. Huber. 2,326,946; Aug. 17.
 Steering mechanism. Trailer. D. B. Avery. 2,333,912; Nov. 9.
 Steering release mechanism. C. G. Doty. 2,328,064; Aug. 31.
 Steering stabilizer. Hydraulic. M. Katcher. 2,314,404; Mar. 23.
 Steering wheel. W. F. Lange. 2,311,448; Feb. 16.
 Steering wheel attachment. W. H. Snow. 2,317,307; Apr. 20.
 Steering wheel cover. S. Alexander. 2,309,374; Jan. 26.
 Stem. Air bag. J. C. Crowley. 2,318,376; May 4.
 Stem and mount construction. C. L. Fantur. 2,327,031; Aug. 17.
 Stem and plug-in bases for electron tubes and the like. Manufacturing unitary. C. F. Miller. 2,334,784; Nov. 23.
 Stem. Annealing. R. C. Pierce. 2,334,429; Nov. 16.
 Stem connection for curing molds. J. C. Crowley. 2,318,377-8; May 4.
 Stem construction for vacuum tubes. H. L. Thorson. 2,320,204; May 25.
 Stem for handle bars. Extension. E. K. Kühn. 2,324,403; July 13.
 Stemmer. Grape. F. C. Silva. 2,318,805; May 11.
 Stemming dummy. F. Yakes, Jr. 2,307,252; Jan. 5.
 Stemming machine. P. Peterson. 2,309,738; Feb. 2.
 Stems. Making molded. C. A. Horn. 2,321,600; June 15.
 Stencil character punch and die sets. Making. O. J. Herb. 2,317,527; Apr. 27.
 Stencil. Corner and border making. J. Eisenberg. 2,334,913; Nov. 23.
 Stencil cutting method and ribbon. M. I. Aaron. 2,324,662; July 20.
 Stencil hold-down. Spray. C. O. Clark. 2,330,471; Sept. 28.
 Stencil machine. H. W. Hempel and W. C. Marsh. 2,331,978; Oct. 19.
 Stencil sheet and making. N. H. Bjerg and A. B. Dick, Jr. 2,337,012; Dec. 14.
 Stencilization. A. M. Altman and E. J. Shaw. 2,333,624; Nov. 9.
 Stencils. Making screen. J. B. Brennan and L. Marsh. 2,316,768; Apr. 20.
 Stencils. Producing. E. Burl. 2,309,440; Jan. 20.
 Stenographic machine. J. G. Sterling. 2,319,273; May 18.
 Step. Concrete. E. A. Rogge. 2,330,148; Sept. 21.
 Stepladder. W. Mumbrauer. 2,325,793; Aug. 3.
 Stepladder. Self-locking caster. F. E. Brower. 2,314,478; Mar. 23.
 Step. Threading mechanism. W. F. Groene and R. M. Bacon. 2,311,591; Feb. 16.
 Stepper assembly. Relay operated. T. Obsarny. 2,323,840; July 6.
 Stereo viewing device. C. W. Peterson. 2,336,288; Dec. 7.
 Stereophonic conference system. D. Mitchell. 2,336,880; Dec. 14.
 Stereophonic sound vibrations. Recording and reproducing. M. J. C. van der Meulen. 2,336,276; Dec. 7.
 Stereophonic photograph. D. F. Winick. 2,318,983; May 11.
 Stereoscope. P. and M. N. Mainard. 2,313,562; Mar. 9.
 Stereoscope. G. M. Mast. 2,326,719; Aug. 10.
 Stereoscope. D. M. Reeves. 2,307,503; Jan. 12.
 Stereoscope. Folding. R. N. Dennis. 2,334,483; Nov. 16.
 Stereoscopic device. J. N. M. Howells. 2,332,575; Oct. 26.
 Stereoscopic photography. S. W. Athey and L. R. Stieff. 2,317,875; Apr. 27.
 Stereoscopic picture. O. Wittel and J. L. Boon. 2,336,331; Dec. 7.
 Stereoscopic representation. A. Ames, Jr. 2,337,363; Dec. 21.
 Stereoscopic slide. E. W. Sparling. 2,336,196; Dec. 7.
 Stereoscopic system. P. and M. N. Mainard. 2,313,561; Mar. 9.
 Sterile articles. Aseptic transfer of. C. W. Walter. 2,316,731; Apr. 13.
 Sterilization or treatment apparatus. G. Sperti. 2,327,442; Aug. 17.
 Sterilization process. C. L. Griffith and L. A. Hall. Re. 22,254; Mar. 9.
 Sterilizer. L. A. Heintzelman. 2,327,707; Aug. 24.
 Sterilizer. G. J. Konuck. 2,327,721; Aug. 24.
 Sterilizer. Nipple. D. C. Futrell. 2,316,145; Apr. 6.
 Sterilizer. Telephone. G. L. Danley and A. J. Gordon. 2,316,540; Apr. 13.
 Sterilizing air. O. H. Robertson, B. F. Miller, and E. Bigg. 2,333,124; Nov. 2.
 Sterilizing and packaging sutures and the like. W. S. and C. T. Davis. 2,318,380; May 4.
 Sterilizing cabinet. W. L. Eckhardt. 2,310,768; Feb. 9.
 Sterilizing machine. J. H. Murch. 2,337,061; Dec. 21.
 Stern and propeller assembly. Boat. H. R. Xiques. 2,328,939; Sept. 7.
 Steroidal oxidation product and obtaining same. R. E. Marker. 2,337,564; Dec. 28.
 Sterol derivatives and producing same. E. Fernholz and H. E. Stavely. 2,319,808; May 25.
 Sterolic material. Recovering. E. B. Oberg and A. W. Kleinsmith. 2,330,140; Sept. 21.
 Stethoscope attachment. H. R. Tregilgas. 2,335,711; Nov. 30.
 Stick. Course. C. G. D'Amato. 2,315,941; Apr. 6.
 Stick. Dip. H. W. Smith. 2,314,430; Mar. 23.
 Stick dispenser. R. F. Anderson. 2,313,500; Mar. 9.
 Stick. Hot. A. R. Williams. 2,316,204; Apr. 13.
 Stiffened garment hanger. P. Lipman. 2,337,828; Dec. 28.

- Stiffening member for shoes and the like. P. R. Austin and Q. L. Quinlivan. 2,332,501; Oct. 26.
- Stiffening the uppers of shoes. L. A. Loakes and G. Pell, Sr. 2,319,332; May 18.
- Stimulator, Variable frequency. H. V. Connerty and W. H. Johnson. 2,321,659; June 15.
- Stirrer for food cookers. G. R. Tyler. 2,311,586; Feb. 16.
- Stirling assembly. J. W. Zabriskie. 2,326,091; Aug. 3.
- Stirrup for physicians' examining tables and the like. G. E. Froelich. 2,308,747; Jan. 19.
- Strap pump. D. Kelleher and H. J. Troche. 2,336,089-90; Dec. 14.
- Stitch-forming mechanisms for sewing machines. F. Parry. 2,327,817; Aug. 24.
- Stitch-transferring device. J. Sirmay. 2,326,694; Aug. 10.
- Stitching machine. W. R. Pabich and H. Tellfors. 2,317,298; Apr. 20.
- Stitching machine. Mattress. T. N. Patton. 2,335,960; Dec. 7.
- Stock feed for automatic screw machines. H. W. Ruppel. 2,310,259; Feb. 9.
- Stock feeder. W. B. Thieman. 2,309,997; Feb. 2.
- Stock feeding and gripping mechanism. C. J. Ballash. 2,308,348; Jan. 26.
- Stock feeding mechanism. J. L. Giffen. 2,330,119; Sept. 21.
- Stock for coating and electro-plating. Preparing. J. S. Nachman. 2,330,608; Sept. 28.
- Stock handling mechanism for automatic lathes. C. E. Miller. 2,316,010; Apr. 6.
- Stock line indicator. A. E. Handy. 2,316,955; Apr. 20.
- Stocking. A. J. Gobert. 2,330,683; Sept. 28.
- Stocking. A. N. Desmonds. 2,324,256; July 13.
- Stocking. H. M. Herbener. 2,329,899; Sept. 21.
- Stocking. L. H. Mendelsohn. 2,308,196; Jan. 12.
- Stocking and manufacture thereof, Full fashioned. I. E. Solar. 2,320,250; May 25.
- Stocking blank and knitting the same. F. Lambach. 2,322,802; July 29.
- Stocking heel construction, Full-fashioned. J. A. Goodman. 2,308,506; Jan. 19.
- Stocking. Single unit full fashioned. J. L. Beers. 2,349,771; May 18.
- Stockings from reinforced warp fabric. Production of. R. Richter. 2,308,231; Jan. 12.
- Stockings. Molding. J. L. Meude. 2,332,738; Oct. 26.
- Stockings. Manufacture of. J. J. Garric. 2,313,294; Mar. 9.
- Stocks. Dewatering lubricant. R. W. Henry, J. V. Montgomery, and S. D. Lawson. 2,322,438; June 22.
- Stoker. C. C. Hahn. 2,308,075; Jan. 12.
- Stoker. W. T. Hanna. 2,331,090; Nov. 9.
- Stoker. W. O. Martin. 2,331,017; Nov. 9.
- Stoker. E. S. Ormsby. 2,330,309; Sept. 28.
- Stoker. S. A. Townsend, Jr. 2,311,100; Feb. 16.
- Stoker and fuel distributing mechanism therefor. C. Moeller. 2,320,159; June 1.
- Stoker and support therefor. E. Martin. 2,327,313; Aug. 17.
- Stoker apparatus for brooder heaters. H. E. Mitchell. 2,309,858; Feb. 2.
- Stoker, Automatic. N. M. Lower. 2,319,935; May 25.
- Stoker control. L. M. Persons. 2,309,531; Jan. 26.
- Stoker control. B. P. Pond. 2,318,912; May 4.
- Stoker control. J. T. Rankin. 2,319,774; May 18.
- Stoker control. H. T. Sparrow. 2,308,318; Jan. 12.
- Stoker controlling system. W. W. Hallman. 2,308,507; Jan. 19.
- Stoker grate construction. A. C. Stark. 2,335,549; Nov. 30.
- Stoker of underfeed type. S. C. Gobert. 2,322,121; June 15.
- Stoker, Solid fuel. W. C. Jolly. 2,333,426; Nov. 2.
- Stone, Curling. W. O. Roy. 2,327,371; Aug. 24.
- Stone quarrying apparatus. E. Lewis and H. A. Michels. 2,336,487; Dec. 14.
- Stool and step ladder. Combined kitchen. P. L. Pace. 2,325,795; Aug. 3.
- Stool. Kneeling. L. N. Peirce. 2,318,416; May 4.
- Stool, Lunch counter. P. Madsen. 2,331,488; Oct. 12.
- Stool, Safety step. J. G. Solomon. 2,307,722; Jan. 5.
- Stop. Countersink. H. L. Johnson. 2,317,615; Apr. 27.
- Stop for counting machines. Automatic. N. S. Welk. 2,318,432; May 4.
- Stop for picker mechanisms. E. A. Santon. 2,330,519; Sept. 28.
- Stop means for micrometer calipers. G. A. Staub. 2,320,803; June 1.
- Stop means for textile machines. C. B. Hayes and H. J. Czech. 2,330,212; Sept. 28.
- Stop mechanism and cabinet in combination with such stop mechanism. R. G. Birt. 2,320,453; June 1.
- Stop mechanism, Automatic. H. L. Hartman and J. Bender, Jr. 2,337,815; Dec. 28.
- Stop mechanism for knitting machines. M. Wachsmann. 2,335,979; Dec. 7.
- Stop mechanism particularly for straight bar knitting machines. G. Wilders and W. G. Macdonald. 2,335,095; Nov. 23.
- Stop motion device. E. Vossen. 2,329,427; Sept. 14.
- Stop motion for knitting machines. E. J. Ziock. 2,329,971; Sept. 21.
- Stop motion mechanism for die presses. A. M. Cameron. 2,330,555; Sept. 28.
- Stopper and siphon. Bottle. E. W. Heeter and R. C. Woodhead. 2,326,641; Aug. 10.
- Stopper. Bottle. S. R. Dummer. 2,326,340; Aug. 10.
- Stopper. Bottle. A. Moeller. 2,315,538; Apr. 6.
- Stopper. Bung hole. V. Alvear. 2,325,555; July 27.
- Stopper. S. D. Swarth. 2,325,209; July 27.
- Stopper for pipes. W. J. Bowan and E. H. Fawley. 2,310,351; Feb. 9.
- Stopper for the gas cylinders of gas-pressure loaders in firearms. J. Koucky. 2,331,703; Oct. 12.
- Stopper, Gas main. V. E. Ankario. 2,327,615; Aug. 24.
- Stopper with applicator extension. Bottle. G. Grunberg. 2,320,323; May 25.
- Storage and dispensing apparatus. C. L. Hansen. 2,328,080; Aug. 31.
- Storage and dispensing system, Hydraulic. W. J. Peter and A. C. Kaestner. 2,317,800; Apr. 27.
- Storage apparatus for gases and volatile liquids, Breather type. J. H. Wiggins. 2,327,084; Aug. 17.
- Storage battery cable connector. C. A. Danberg. 2,324,828; July 10.
- Storage battery cell covers having nonoverfill devices. Manufacture of. O. O. Rieser. 2,336,423; Dec. 7.
- Storage battery charge indicator. J. D. Knisely. 2,325,251; July 27.
- Storage battery. Rechargeable. J. Baum. 2,331,450; Oct. 12.
- Storage battery retainer. C. A. Hall. 2,335,757; Nov. 30.
- Storage battery separator. B. H. Schubert. 2,326,689; Aug. 10.
- Storage compartment, Airtight cold. E. L. Mohr and J. O. Harvey. 2,312,664; Mar. 2.
- Storage container. J. F. Thompson. 2,326,414; Aug. 10.
- Storage device. J. Mercier. 2,331,921; Oct. 19.
- Storage device. A. R. Young. 2,308,479; Jan. 12.
- Storage drawer assembly. E. H. Boddy. 2,318,363; May 4.
- Storage hams. Wax coating for. C. H. Koonz and J. D. Ingle. 2,337,666; Dec. 28.
- Storage mechanism. L. Lawrence, Jr. 2,318,316; May 4.
- Storage rack. W. J. Fishel. 2,322,797; June 29.
- Storage rack. C. H. Waycott, Sr. 2,326,710; Aug. 10.
- Storage speed indicator. P. Kollman. 2,309,400; Jan. 26.
- Storage tank. W. Black. 2,321,976; June 15.
- Storage tank. C. W. Lawman and A. R. Miller. 2,331,483; Oct. 12.
- Storage tank and compressor assembly. J. D. Banning and A. Anderson. 2,314,438; Mar. 23.
- Storage tank, Automatic hydraulic-gasoline. C. A. Ellis. 2,318,766; May 11.
- Store fixture. F. M. O'Connor. 2,338,008; Dec. 28.
- Store front construction. I. G. Barclay. 2,335,991; Dec. 7.
- Storm areas. Method and apparatus for indicating. W. H. Bennett. 2,333,975; Nov. 9.
- Storm window and screen. Concealed. W. B. Rood. 2,318,100; May 4.
- Stove. A. M. Cochran. 2,319,790; May 25.
- Stove. O. Krimer. 2,329,993; Sept. 21.
- Stove. H. Lange. 2,337,332; Dec. 21.
- Stove. R. M. Pyle. 2,311,570; Feb. 16.
- Stove and the like. Electrically heated. B. H. R. Sandell. 2,311,087; Feb. 16.
- Stove construction. R. G. Rutledge. 2,314,248; Mar. 16.
- Stove, Cook. A. G. Sherman. 2,308,570; Jan. 19.
- Stove, Cooking. R. M. Sherman. 2,314,249; Mar. 16.
- Stove. Felling. B. Robinson. 2,325,077; July 27.
- Stove, Liquid fuel. H. F. Lieber. 2,321,034; June 8.
- Stovepipe seam. F. W. Thompson. 2,323,256; June 29.
- Stove, Portable. B. Jones, Jr., R. H. White, and L. White. 2,314,791; Mar. 23.
- Stove, Portable. B. Robinson. 2,331,931; Oct. 19.
- Stove, Reversible draft. E. W. Conkell. 2,337,847; Dec. 28.
- Straight bar knitting machine. A. F. Verbeek. 2,316,030; Apr. 6.
- Straight bar knitting machine. G. Wilders and W. G. Macdonald. 2,331,447; Oct. 12.
- Straightener and tester for pipes, Combination. B. Banister. 2,336,524; Dec. 14.
- Straightener. C. D. Johnson. 2,307,133; Jan. 5.
- Strain concentration in rigid articles. Determining. G. Ellis. 2,325,116; July 27.
- Strain device. E. E. Forstrom. 2,313,426; Mar. 9.
- Strain gauge, Rosette type. A. C. Ruge. 2,318,102; May 4.
- Strain gauges. Apparatus for making. R. N. Conner. 2,334,668; Nov. 16.
- Strain gauge. Wire. Machine for making electrical. C. H. Gibbons. 2,334,671; Nov. 16.
- Strain insulator. P. L. Warren. 2,336,324; Dec. 7.
- Strain-relief structure, Making. J. Delmonte. 2,319,537; May 18.
- Strain responsive apparatus. A. C. Ruge. 2,322,319; June 22.
- Strain responsive apparatus. E. E. Simmons, Jr. 2,316,208; Apr. 13.

- Strainer, I. J. B. Demers, 2,336,348; Dec. 7.
Strainer, J. C. Ducommun and F. A. Upton, 2,332,965; Oct. 26.
Strainer device for liquids, A. M. Goodloe, 2,329,987; Sept. 21.
Strainer, Fancet, O. W. Holden, 2,327,306; Aug. 17.
Strainer for coffee makers, W. R. Weeks, 2,325,452; July 27.
Strainer for plumbing fixture drains, B. P. Smith, 2,331,055; Oct. 5.
Strainer for plumbing fixtures, M. Yavitch, 2,317,707; Apr. 27.
Strainer, Milk, E. H. Loker, 2,325,257; July 27.
Strainer, Paint, A. Darlano, 2,315,842; Apr. 6.
Strainer, Self cleaning, G. L. MacNeil, 2,310,587; Feb. 9.
Strand coating apparatus, V. A. Rayburn, 2,323,487; July 6.
Strand feeding mechanism, P. E. Cooper, 2,333,705; Nov. 9.
Strand handling apparatus, A. J. Dowd, 2,333,158; Nov. 2.
Strand handling apparatus, W. C. Ewaldson, 2,316,508; Apr. 13.
Strand handling apparatus, H. H. Merwin, 2,321,096; June 8.
Strand handling apparatus, A. C. Nystrom and L. G. Wade, 2,316,613; Apr. 13.
Strand handling apparatus, J. N. Selvig, 2,331,240; Oct. 5.
Strand handling apparatus, C. C. Smith, 2,314,168; Mar. 16.
Strand spinning and twisting mechanism, J. J. McCann, 2,321,401; June 8.
Strand spooling machine, E. G. Parvin, 2,332,397; Oct. 19.
Strand twisting apparatus, G. E. Bergezen and O. G. Nelson, 2,331,648; Oct. 12.
Stranding or rope laying machine and its control, J. A. La France and P. D. Symons, 2,333,041; Nov. 9.
Strands, Coating, E. E. Newton, C. A. Peachey and F. R. Revely, 2,315,645; Apr. 6.
Strands, Treating, F. R. Revely, 2,328,096; Aug. 31.
Strap, Adjustable garment, L. M. Rabinowitz, 2,312,775; Mar. 2.
Strap and fastener, Combined, M. J. Hyman, 2,310,434; Feb. 9.
Strap fastener, P. L. Bush, 2,326,328; Aug. 10.
Strap for anchoring duplex electric conductors, J. A. Teas, Sr., 2,317,825; Apr. 27.
Strap forming machine, G. M. and G. S. Hill, 2,336,611; Dec. 14.
Strap lock, C. J. Schell, 2,320,014; May 25.
Strap, Lug, H. M. Bacon, 2,315,763; Apr. 6.
Strap, Wrist watch, A. Schwalberg, 2,319,269; May 18.
Strapping machine, T. W. J. Wilcox, 2,331,736; Nov. 23.
Straw, Production of artificial, G. Schneider, 2,317,486; Apr. 27.
Strawberry runner cutter, H. A. Congdon, 2,318,675; May 11.
Stream motor, M. I. Topalov, 2,335,817; Nov. 30.
Street lighting luminaire, Universal, S. B. Kraut, 2,337,824; Dec. 28.
Street sign, H. M. Patterson, 2,316,539; Apr. 13.
Street sweeping machine, O. J. Arnett, 2,314,381; Mar. 23.
Strength testing machine, J. G. Jansen, 2,330,492; Sept. 28.
Stretched laminated product and making it, H. D. Minich, 2,335,190; Nov. 23.
Stretcher, H. T. Anderson and E. C. Davis, 2,328,047; Aug. 31.
Stretcher, C. B. Belt and D. H. Hallock, 2,328,409; Aug. 31.
Stretcher, Band saw, C. I. Platt and E. Filstrup, 2,334,837; Nov. 23.
Stretcher, Carpet, J. D. Bartlow, 2,326,117; Aug. 10.
Stretcher, Curtain, B. Nelson, 2,325,298; July 27.
Stretcher, Curtain, M. Roosevelt, 2,322,317; June 22.
Stretcher, Field, F. E. Montgomery, 2,327,919; Aug. 24.
Stretcher, Folding, H. W. Bell, 2,335,140; Nov. 23.
Stretcher, Folding, C. B. Visness and C. C. Carpenter, 2,333,062; Oct. 26.
Stretcher, Shoe, A. Bongiovanni, 2,312,233; Feb. 23.
Strut-supporting device for vehicles, Resilient, O. I. H. Ekman and H. T. Nicou, 2,324,685; July 20.
Stretching device, J. Lewis, 2,328,474; Aug. 31.
Stretching device, J. Pearl, 2,311,245; Feb. 16.
Stretching machine, M. M. Cunningham, 2,314,318; Mar. 16.
Strike plate gauges, J. M. Johnson, 2,317,462; Apr. 27.
String and ribbon cutter, J. D. Atkins, 2,312,143; Feb. 23.
Stringed instrument, C. Biederman, 2,323,969; July 13.
Stringed musical instrument, G. D. Beauchamp, 2,310,199; Feb. 9.
Strip and supporting bracket therefor, Divider, F. D. Parmeter and H. T. Nicou, 2,322,109; Oct. 19.
Strip applying apparatus, Metal container side seam packing, P. E. Pearson, 2,319,825; May 25.
Strip contact material to switch members, Attaching, J. M. Fluke, 2,307,579; Jan. 5.
Strip cooler, I. H. Washman, Jr., 2,325,559; July 27.
Strip feed for writing machines, W. H. Hope, Jr., 2,311,051; Feb. 16.
Strip feeding and severing device, A. A. Johnson, 2,317,384; Apr. 27.
Strip, Flashing, A. W. Bailey, 2,316,660; Apr. 13.
Strip for forming expansion joints, Preformed, G. C. De Witt, 2,321,067; June 8.
Strip forming apparatus, Scroll, P. E. Pearson, 2,315,367; Mar. 23.
Strip guide, Traveling, E. M. Brangle and V. W. Kolasinski, 2,325,738; Aug. 3.
Strip marking device, A. C. Chamberlin and H. W. Nieman, 2,312,626; Mar. 2.
Strip material, Coating, J. Ettli, 2,335,178; Nov. 23.
Strip material, Coiling, A. R. N. Heath and T. C. Tapp, 2,327,203; Aug. 17.
Strip material, Processing, R. G. Arey, 2,331,157; Oct. 5.
Strip metal, Processing, H. E. Gude, 2,327,103; Aug. 17.
Strip, Non-fraying fabric, R. Van Court, 2,319,019; May 11.
Strip, Ribbon making method and apparatus, F. J. Kipp and E. B. Isaac, 2,331,230; Oct. 5.
Strip, Sealing, L. Spraragen, 2,319,709; May 18.
Strip serving machine, T. H. Krueger, 2,325,063; July 27.
Strip, Step shimming, R. R. Ward, 2,315,360; Mar. 30.
Strip straightener, C. R. Hanna, 2,323,768; July 6.
Strip-transfer mechanism, P. S. Smith, 2,312,129; Feb. 23.
Strip trimmer, J. O. Sherman, 2,308,551; Jan. 19.
Strip uncoiler, E. R. Tyrrell, 2,321,878; June 13.
Strip, Weather, C. V. Mancini, 2,321,924-5; June 15.
Stripping apparatus, C. C. Eldred and W. L. Marshall, 2,311,038; Feb. 16.
Stripper, Automatic dealcomania paper, D. S. Mackie, 2,337,724; Dec. 28.
Stripper, for molding presses, L. Baron and J. Hoch, 2,336,212; Dec. 7.
Stripper, Poultry wing feather, J. E. Ringrose, 2,313,770; Mar. 16.
Stripper, Sucker rod, C. S. Crickmer, 2,328,127; Aug. 31.
Stripping implement, S. Jabour, 2,316,869; Apr. 20.
Stripping machine, C. R. Johnson, R. Nydegger, and N. C. Wyeth, 2,307,046; Jan. 5.
Stripping material, Photographic, G. F. Nadeau, 2,326,058; Aug. 8.
Stripping mechanism, W. W. Urmetz, 2,317,565; Apr. 27.
Strips, Coating, J. V. Giesler, 2,325,126; July 27.
Stroboscope, K. J. Gerneshausen, 2,331,317; Oct. 12.
Stroboscope, Sound, L. M. Kurtz, 2,324,305; July 13.
Stroboscope testing apparatus, D. D. Knowles, Re. 22,408; Dec. 21.
Structural element, G. W. Causey, 2,316,560; Apr. 13.
Structural element, M. K. Weill and E. Mautner, 2,329,366; Sept. 14.
Structural element, G. C. Weiss, 2,312,293; Feb. 23.
Structural element, Reinforced, J. K. Duncan and G. L. Phelps, 2,324,916; July 20.
Structural elements, M. Sasso, 2,326,668; Aug. 10.
Structural fabric, J. S. Nadel, 2,314,456; Mar. 23.
Structural material and producing the same, Cellular, I. Harter, C. L. Norton, Sr. and Jr., 2,318,574; May 4.
Structural material for soundproofing, C. C. Droege, 2,309,695; Feb. 2.
Structural materials, Making, T. Sendzimir, 2,333,343; Nov. 2.
Structural member, H. C. Fischer and A. H. W. Higgins, 2,328,441; Aug. 31.
Structural member, J. F. Roney and R. W. Page, 2,308,831; Jan. 19.
Structural tool, R. F. Smith, 2,320,805; June 1.
Structural unit, A. C. Fischer, 2,336,935; Dec. 7.
Structural unit, H. L. Mitchell, 2,308,565; Jan. 19.
Structural unit, R. L. Swartwout, 2,310,326; Feb. 9.
Structural unit, W. E. Wilson, 2,321,566-7; June 15.
Structure, D. S. Mussey, 2,322,700; June 22.
Structure, Building, R. C. Graef, 2,307,215; Jan. 5.
Structure, Cable, DeW. D. Merrick, 2,322,378; June 22.
Structure, Collapsible, H. C. Bridge, 2,311,515; Feb. 16.
Structure comprising synthetic resin, and making same, Composite, N. A. de Bruyne and C. A. A. Rayner, 2,317,364; Apr. 27.
Structure, Engine, S. C. Raybon, 2,322,662; June 22.
Structure for buildings or the like, Convertible, H. L. Martin, 2,308,766; Jan. 19.
Structure having a folding support surface, H. Howe, 2,326,461; Aug. 10.
Structure straightener, H. J. Freeman, 2,334,080; Nov. 9.
Strut, Brake beam, W. H. Sagstetter, 2,330,748; Sept. 28.
Strut or oleo leg for aircraft, Shock absorber, L. E. Cowey, 2,324,281; July 13.
Stud driver, W. Bayes, 2,336,157; Dec. 7.
Stud, Light reflecting, H. B. Wood, 2,317,162; Apr. 20.

- Stud-plate unit for hose supporters and the like. W. S. Printer. 2,325,486; Aug. 31.
- Stud Rotary fastener. F. E. Johnson. 2,329,909; Sept. 21.
- Stuffing box. H. Allen. 2,307,346; Jan. 5.
- Stuffing box. H. R. Humphreys. 2,329,050; Sept. 7.
- Stuffing machine. B. H. Kidd. 2,330,496; Sept. 28.
- Stylus for reproducers. R. Dally. 2,320,416; June 1.
- Stylus head for recording and reproducing sound records. E. R. Harris. 2,313,308; May 4.
- Stylus, Metal etching. R. B. Annis. 2,316,888; Apr. 13.
- Stylus, Sound reproducing. F. L. Capps. 2,328,889; Sept. 7.
- Stylus, Sound reproducing. R. E. Semple. 2,325,343; July 27.
- Styrene copolymers, Preparation of. G. H. Coleman and J. W. Zemba. 2,311,607; Feb. 16.
- Styrene crudes, Refining of. W. A. King, J. H. Kleiner, and A. R. Krotzer. 2,336,259; Dec. 7.
- Styrene, Making copolymers of. E. C. Britton, G. H. Coleman, and J. W. Zemba. 2,313,263; Oct. 5.
- Styrene, Manufacture of. G. Natta. 2,308,229; Jan. 12.
- Styrene-polybutadiene copolymer. F. J. Soday. 2,317,858; Apr. 27.
- Styrene, Polymerization of. J. F. Walker. 2,327,082; Aug. 17.
- Styrene-polydiperylene copolymers. F. J. Soday. 2,317,859; Apr. 27.
- Styrene, Stabilization of. S. G. Foord. 2,310,859; June 1.
- Styrene-unsaturated dicarboxylic acid resins, Treating. H. L. Gerhart and W. W. Bauer. 2,320,724; June 1.
- Subaqueous end welding device. J. D. Crecca. 2,307,026; Jan. 5.
- Subaqueous end-welding device. J. D. Crecca and A. G. Bissell. 2,315,502; Apr. 6.
- Subirrigation system. A. R. Black. 2,309,233; Jan. 26.
- Sublimation apparatus. F. J. Hansgird. 2,309,644; Feb. 2.
- Sublimation refining. F. J. Hansgird. 2,310,188; Feb. 2.
- Submarine. J. A. Hanley. 2,311,539; Feb. 16.
- Submarine escape. S. A. Phillips. 2,323,238; June 19.
- Submarine objects and apparatus therefor, Detecting. M. C. Schwab. 2,331,736; Oct. 12.
- Submarine prospecting. J. W. Flude. 2,324,378; July 13.
- Submarine salvaging and lifesaving apparatus. N. D. Wicklow. 2,338,067; Dec. 28.
- Submarine weed cutting apparatus. G. C. Foerster. 2,317,367; Apr. 27.
- Submerged double acting pump. L. L. McConnob. 2,326,378; Aug. 10.
- Submersible electric motor. R. Avigdor. 2,325,930; Aug. 3.
- Submersible electrically driven pump. L. Yost. 2,320,708; June 1.
- Submersible structure. T. G. Myers. 2,318,181; May 4.
- Subsoil breaker. E. Kelly and H. J. Shepherd. 2,325,997; Aug. 3.
- Subsoiler, Rotary. H. Domrese, C. C. Calkins and L. A. Hunt. 2,323,460; July 6.
- Substage lamp. K. J. Heinicke. 2,329,897; Sept. 21.
- Substance containing unsaturated methylene groups, Interpolymerized. C. E. Barnes. 2,321,728; June 15.
- Substances contained in cases, Recovering. A. R. Persson and J. O. Nauser. 2,336,193; Nov. 2.
- Substances from the posterior lobe of the hypophysis, Manufacture of highly active. K. Junkmann. 2,308,287; Jan. 12.
- Substitution products of anthraquinone and the corresponding aryl-benzole acid and preparing the same. P. Kränzlein. 2,309,196; Jan. 26.
- Subsurface prospecting. D. G. C. Hare. 2,316,329; Apr. 13.
- Subsurface prospecting. D. G. C. Hare. 2,334,262; Nov. 16.
- Subterranean deposits, Locating valuable. L. W. Blau. Re. 2,234,345; July 13.
- Subterranean formations contiguous to deep well bores, Sealing pores in. H. A. Reimers. 2,330,145; Sept. 21.
- Subtractive multicolor images, Retouching of. W. Schneider and G. Wilmanns. 2,316,291; Apr. 13.
- Successive switching apparatus. H. J. Appel. 2,324,474; July 20.
- Succinylsulphathiazole. M. L. Moore. 2,324,014; July 13.
- Sucker rod coupling. A. Germany. 2,315,414; Mar. 30.
- Suction box covers and the like, Treating wood blocks for. J. H. Proulx. 2,312,978; Mar. 2.
- Suction cleaner. B. C. Becker. 2,328,184; Aug. 31.
- Suction cleaner. B. C. Becker. 2,333,512; Nov. 2.
- Suction cleaner. O. Berg. 2,330,665; Sept. 28.
- Suction cleaner. O. Berg. 2,333,460; Nov. 2.
- Suction cleaner. O. Berg. 2,335,377; Nov. 30.
- Suction cleaner. R. S. Boyle. 2,320,507; June 1.
- Suction cleaner. D. J. Brunner, Jr. 2,321,648; June 15.
- Suction cleaner. V. E. Carlson. 2,322,921; June 29.
- Suction cleaner. S. R. Cummings. Re. 2,237,304; Sept. 7, 1943.
- Suction cleaner. P. E. Frantz. 2,309,583; Jan. 26.
- Suction cleaner. P. E. Frantz. 2,314,334; Mar. 23.
- Suction cleaner. P. C. Gerber. 2,330,701; Sept. 28.
- Suction cleaner. P. T. Hahn. 2,312,641; Mar. 2.
- Suction cleaner. R. D. Livingston. 2,317,543; Apr. 27.
- Suction cleaner. W. N. Patterson. 2,324,422; July 13.
- Suction cleaner. F. L. Pierce, H. B. White, and U. A. Whitaker. 2,325,796; Aug. 3.
- Suction cleaner. A. Radke. 2,330,621; Sept. 28.
- Suction cleaner. W. D. Sellers. 2,337,936; Dec. 28.
- Suction cleaner. D. G. Smellie. 2,335,460; Nov. 30.
- Suction cleaner. E. L. Snyder. 2,333,494; Nov. 2.
- Suction cleaner. M. D. Stahl. 2,333,449; Nov. 2.
- Suction cleaner. T. A. Stoner. 2,328,236; Aug. 31.
- Suction cleaner. C. G. Troxler. 2,328,238; Aug. 31.
- Suction cleaner. H. B. White. 2,317,570; Apr. 27.
- Suction cleaner. H. B. White. 2,325,821; Aug. 3.
- Suction cleaner. J. P. Wied. 2,336,710; Dec. 14.
- Suction cleaner apparatus. C. H. Taylor. 2,312,781; Mar. 2.
- Suction cleaner dirt bag. H. B. White. 2,325,820; Aug. 3.
- Suction cleaning apparatus. J. H. Ashbaugh. 2,337,364; Dec. 21.
- Suction cleaning apparatus. A. A. Davis. 2,334,733; Nov. 23.
- Suction cleaning apparatus. E. F. Martinet. 2,318,088; Mar. 4.
- Suction cleaning apparatus. C. H. Taylor. 2,310,268; Feb. 9.
- Suction cleaning apparatus. C. H. Taylor. 2,326,311; Aug. 10.
- Suction cleaning apparatus. C. H. Taylor. 2,327,225; Aug. 17.
- Suction cleaning apparatus. C. H. Taylor. 2,328,038; Aug. 31.
- Suction cleaning apparatus. C. H. Taylor. 2,334,732; Nov. 23.
- Suction cup structure. J. E. Duggan. 2,319,726-7; May 18.
- Suction holding device. V. M. Ebbs. 2,311,525; Feb. 16.
- Suction-pressure-regulating valve. F. F. Heiser. 2,313,157; May 4.
- Suction pump. W. A. Dunham. 2,308,497; Jan. 19.
- Sugar and sugar syrups, Refining of. J. S. Reichert, S. A. McNeigh, and R. A. Secord. 2,334,126; Nov. 9.
- Sugar, Doughnut. J. W. Schlegel and L. Lang. 2,320,831; June 1.
- Sugar from sugar beets, Extracting. T. R. Cutler. 2,332,062; Oct. 19.
- Sugar process water, Extraction of. T. Wintzell and N. T. L. Lauritzson. 2,332,823; Oct. 26.
- Suit, Aviator's. H. W. Beall. 2,335,475; Nov. 30.
- Suit, Bathing. A. L. Sommers and Z. J. Cichoski. 2,329,093; Sept. 7.
- Suit, Electrically heated flying. W. Jacobsen. 2,329,766; Sept. 21.
- Sulphonic acid compounds and making same. J. B. Rust. 2,310,038; Feb. 2.
- Sulphonamide benzene-azo-pyrazolone. I. I. Lubowe and W. T. Somerville. 2,330,828; Oct. 5.
- Sulphonamylamino triazines. G. F. D'Alelio. 2,312,698; Mar. 2.
- Sulphanilamide and preparing same. Derivatives of. J. Kamlet, and L. Rosenthal. 2,309,248; Jan. 26.
- Sulphanilamide derivatives. W. Henrich, A. Kirstahler, and W. Kaiser. 2,318,556; May 4.
- Sulphanilamide-amino-pyridines and producing the same. E. Tisza and B. F. Duesel. 2,307,650; Jan. 5.
- Sulphanyridine processes. E. H. Northey and L. H. Dhein. 2,322,196; June 15.
- Sulphate deposits on glass, Prevention of. E. W. Guernsey. 2,336,785; Dec. 14.
- Sulphate turpentine and tall oil, Refining. F. Trimble. 2,310,046; Feb. 2.
- Sulphates, Producing. W. G. Moran and J. E. Nelson. 2,329,293; Sept. 14.
- Sulphite process. G. V. Palmrose and D. K. MacBain. 2,320,294; May 25.
- Sulphonamide, derivatives of urea and thiourea. P. S. Winick. 2,336,907; Dec. 14.
- Sulphonamide derivatives, Preparation of. Z. Földi, A. Gerecs, I. Demjén, and R. König. 2,332,906; Oct. 26.
- Sulphonamide-phenol-dialdehyde reaction products, Aromatic. W. H. Moss. 2,319,876; May 25.
- Sulphonamide, Polymeric. G. J. Berchet. 2,321,890-1; June 15.
- Sulphonated and halogenated organic condensation product and preparing it. U. J. Thuau. 2,335,136; Nov. 23.
- Sulphonated products, Preparing. K. T. Steik. 2,328,931; Sept. 7.
- Sulphonates, Preparation of surface-active. J. H. Wernitz. 2,318,036; May 4.
- Sulphonates, Refining oil-soluble. F. M. Archibald. 2,334,532; Nov. 16.
- Sulphonation process. M. T. Harvey. 2,324,300; July 13.
- Sulphonic acid and producing it. P. Nawiasky and G. E. Sprenger. 2,335,193; Nov. 23.
- Sulphonic acids and preparing them. L. Orthner and W. Langhein. 2,316,538; Apr. 13.
- Sulphonic acids having capillary-active properties and preparing them. Aromatic. C. Platz, H. Wagner, H. Keppler, and J. Nelles. 2,337,924; Dec. 28.
- Sulphonium compounds, Preparing. A. E. Bearse and R. S. Shute. 2,316,152; Apr. 13.
- Sulphonium compounds, Producing. J. M. Hoeffelman. 2,335,119; Nov. 23.

- Sulphur combustion gases. Method and apparatus for providing a controlled supply of. J. B. Chatelain and G. A. Cain. 2,310,173; Feb. 9.
- Sulphur compounds utilizing alkali metal phosphate solution and regeneration of the same. Removal of. R. K. Stratford. 2,336,651; Dec. 14.
- Sulphur containing lubricant. B. H. Lincoln, W. L. Schuler, and G. D. Byrkit. 2,313,248; Mar. 9.
- Sulphur dihydroxyethers resins. Production of. M. M. Barnett. 2,349,003; Feb. 9.
- Sulphur dioxide-olefine resins. Producing. M. M. Barnett and J. H. Brown, Jr. 2,314,067; Mar. 16.
- Sulphur dye derived from 1-(omega-sulphoalkylamino)-naphthalenes. N. M. Bigelow. 2,335,381; Nov. 30.
- Sulphur dyestuffs. W. Zerweck and W. Hechtenberg. 2,321,787; June 15.
- Sulphur extracting method. Fuel saving. W. R. Wade. 2,331,321; Oct. 12.
- Sulphur from gases containing sulphureted hydrogen, carbon oxysulphide, and carbon disulphide. Recovering elemental. S. J. Wallden and R. S. M. Sundgren-Wallden. 2,316,201; Apr. 13.
- Sulphur halide impurities from sulphur. Removing. J. I. Jones and L. D. Richards. 2,336,688; Dec. 14.
- Sulphur polymer plastic compositions. M. B. Chittick and P. V. McKinney. 2,309,692; Feb. 2.
- Sulphur. Printing of molten. B. U. Wright and P. V. McKinney. 2,331,951; Oct. 19.
- Sulphur. Processing. D. McDonald. 2,316,673; Apr. 13.
- Sulphur. Production of dispersible. D. Rollo, R. McInerney, and E. S. R. Williams. 2,332,934; Oct. 26.
- Sulphur recovered from hydrocarbons. W. J. Kerns and C. M. Beamer. 2,311,342; Feb. 16.
- Sulphuric acid concentration. L. G. Wiley, L. A. Gresham, and C. P. McNeil. 2,325,566; July 27.
- Sulphuric acid for the removal of nitrogen oxides. Treatment of. N. C. Somers, and W. C. Woodings, Jr. 2,315,988; Apr. 6.
- Sulphuric acid. Manufacture of. L. S. Mulson and H. W. Mahr. 2,337,060; Dec. 21.
- Sulphuric acid. Purification of recovered. F. M. Archibald. 2,313,910; Mar. 16.
- Sulphurization. W. L. Abramowitz and R. M. Beach. 2,313,611; Mar. 9.
- Sulphurized addition agent for lubricants and lubricants containing the same. C. A. Cohen. 2,312,750; Mar. 2.
- Sulphured compound obtained from flour. A. K. Bolls and W. S. Hale. 2,313,504; Mar. 9.
- Summary form means. J. Zaikind. 2,316,209; Apr. 13.
- Sunburn preventive. J. Mizlowski. 2,334,348; Nov. 16.
- Sun screen. J. J. Grebe and W. B. Ewing. 2,310,225; May 18.
- Sunshade. H. Nerwin. 2,334,883; Nov. 23.
- Sun visor. C. J. Lauer. 2,311,402; Feb. 16.
- Supercharged, compression-ignition. Internal combustion engine. F. Marburg. 2,310,643; Feb. 9.
- Supercharger. A. T. Gregory and L. W. Wasiedewski. 2,336,010; Dec. 7.
- Supercharger drive. Two-speed. I. S. Hobbis. 2,323,601; July 6.
- Supercharger for model motors. D. Messner. 2,312,661; Mar. 2.
- Supercharger regulating. F. Blietz. 2,310,831; Feb. 9.
- Superheated vapors. Separation of. P. M. Schuffan. 2,327,133; Aug. 17.
- Superheater. C. McIntosh. Re. 22,396; Nov. 30.
- Superheater. C. McIntosh. 2,309,706; Feb. 2.
- Superheater arrangement and support therefor. J. Krug and G. Braun. 2,308,762; Jan. 19.
- Superheating flash boiler. C. S. Turner. 2,327,750; Aug. 24.
- Superheterodyne receiver. H. F. Mayer. 2,323,924; July 13.
- Superheterodyne receivers. Image suppression. F. H. Scheer. 2,313,032; Mar. 2.
- Supraphosphates. Manufacturing. W. H. Waggaman. 2,308,220; Jan. 12.
- Supervision system. Through. H. W. Ulrich. 2,319,358; May 18.
- Supervisory control and telemetering system. W. A. Derr. 2,327,251; Aug. 17.
- Supplemental traction device for vehicle wheel tires. J. D. O'Brien. 2,303,839; Oct. 5.
- Supply feed mechanism for packages. M. Allatt. 2,337,536; Dec. 28.
- Supplying air to submerged submarines. F. J. Gray. 2,314,688; Mar. 23.
- Support: See—
- Adjustable instrument support.
 - Adjustable support.
 - Anatomical support.
 - Arch support.
 - Article support.
 - Awning belt center support.
 - Bobbin or yarn support.
 - Body support.
 - Book support.
 - Booster fan and support.
 - Bowling ball support.
 - Brake beam safety support.
 - Brake gear support.
 - Cable support.
 - Car support.
 - Card support.
 - Centerless grinder work support.
 - Collar support.
 - Conductor support.
 - Cop tube or yarn support.
 - Cutting knife support.
 - Disappearing typewriter support.
 - Drapery plaiter and support.
 - Drapery support.
 - Drawer and guide support.
 - Drop wire support.
 - Dynamoelectric machine coil support.
 - Electric lamp support.
 - Engine cowling support.
 - Filter and pump support.
 - Flatiron cord support.
 - Flatiron support.
 - Flexible support.
 - Food-mixer support.
 - Footrest lamp support.
 - Funnel support.
 - Furniture support.
 - Galvanometer coil pump support.
 - Golf bag support.
 - Guide roller support.
 - Indexable support.
 - Insulator plunger support.
 - Ironing machine support.
 - Ladder support.
 - Lamp support.
 - Line support.
 - Loose-leaf support.
 - Mantle support.
 - Metal highway guard support.
 - Mirror support.
 - Mosquito bar support.
 - Motor support.
 - Neon sign post support.
 - Outlet box cover and support.
 - Support. J. C. Curtis. 2,318,593; May 11.
 - Support. R. K. Klatt and S. S. Sherrill. 2,337,665; Dec. 28.
 - Support and contact for electron discharge devices. C. H. Lane, Jr. 2,323,140; June 29.
 - Support and corrosion inhibitor. Combined wire. V. C. Telford. 2,313,046; Mar. 30.
 - Support and drain. Cup. R. A. Nicholson. 2,321,844; June 15.
 - Support and spacer for bars. Combined. E. H. and M. R. Geyer. 2,331,518; Oct. 12.
 - Support device for sinking ships. A. Zukor. 2,328,117; Aug. 31.
 - Support for adjustable and releasable shelving. Shelf bracket. F. Kautz. 2,319,237; May 18.
 - Support for binoculars. Face. A. H. Hoffeditz. 2,316,164; Apr. 13.
 - Support for business machines and the like. Disappearing. C. B. Lundstrom. 2,322,648; June 29.
 - Support for corns, bunions, toe overlaps, etc., Protective. L. R. Goldmeyer. 2,335,665; Nov. 30.
 - Support for filtering apparatus. J. G. Royce. 2,328,231; Aug. 31.
 - Support for flexible conduits on railway cars. E. Stenzel and J. J. Yindrock. 2,321,434; June 8.
 - Support for hat boxes. Hat. L. Creper. 2,323,011; June 29.
 - Support for manicurists' tables. Arm. M. D. Preditt, Jr. 2,320,641; Sept. 14.
 - Support for manuscripts, books, or the like. Adjustable. P. L. Bush. 2,331,595; Oct. 12.
 - Support for materials. J. R. Barlow. 2,314,473; Mar. 23.
 - Support for milking machines. H. B. Babson and J. J. Stampen. Re. 22,368; Aug. 24.
 - Support for mirrors or the like. E. H. Anderson. 2,335,896; Dec. 7.
 - Support for pipes. H. C. Boardman. 2,307,915; Jan. 12.
 - Support for relatively movable parts. H. B. Sklar. 2,321,708; June 15.
 - Support for roll crushers. Crusher plate. G. B. Krider. 2,312,823; Mar. 2.
 - Support for shelves. Dish and plate. H. D. Noel. 2,331,792; Oct. 12.
 - Support for shoe cleaners. Filter bag. J. W. Weaver. 2,317,569; Apr. 27.
 - Support for trolley wires. L. V. Smoot and H. A. Bachler. 2,316,464; Apr. 13.
 - Support for vehicles. Implement. E. W. Austin. 2,334,374; Nov. 16.
 - Support of tractors, Springy. C. H. Kohn. 2,326,659; Aug. 10.
 - Support unit for ovens and the like. Hunting element. L. E. Butters. 2,316,222; Apr. 13.
 - Supporter, Bow-leggedness-concealing hose. J. P. Bertrand. 2,307,352; Jan. 5.
 - Supporter, Hose. F. J. Morith. 2,328,834; Sept. 7.
 - Supporting and bonding device. H. R. Ellinwood. 2,331,668; Oct. 12.
 - Supporting and bracing device. J. K. Wood. 2,335,833; Apr. 6.
 - Supporting apparatus. W. C. Eddy. 2,326,207; Aug. 10.
 - Supporting arm for sound boxes and sound recorders. R. Vermeulen. 2,308,795; Jan. 19.
 - Supporting base for electric scissors. M. S. Park. 2,316,486; Apr. 13.
 - Supporting bracket for valves. W. H. Sale. 2,315,739; Apr. 6.
 - Supporting clip for conduits. E. M. Morehouse. 2,338,006; Dec. 28.
 - Supporting device. R. Berger. 2,309,297; Jan. 26.
 - Poultry feeder support.
 - Power drill safety support.
 - Radio speaker unit support.
 - Resilient support.
 - Retractable clothesline support.
 - Retractable support.
 - Rising support.
 - Road joint support.
 - Rocker arm support.
 - Rolling mill spindle support.
 - Roof and its support.
 - Sereed support.
 - Sewing machine support.
 - Shelf support.
 - Sign support.
 - Spindle support.
 - Surgical support.
 - Tank support.
 - Telephone support.
 - Tool support.
 - Tower support.
 - Trellis support.
 - Trolley conductor support.
 - Trolley wire support.
 - Tube casing and support.
 - Vacuum bottle support.
 - Vacuum cleaner support.
 - Wire support.

- Supporting device. W. Brenner. 2,332,504; Oct. 26.
Supporting device. W. G. Leicher. 2,326,469; Aug. 10.
Supporting device. J. C. Thomas. 2,336,315; Dec. 7.
Supporting device for instruments. J. F. Fishter. 2,333,306; Nov. 2.
Supporting float for aircraft. H. Hertel. 2,320,597; June 1.
Supporting frame for rucksacks and the like. E. H. Wallin. 2,310,137; Feb. 2.
Supporting hood for inlet and manhole covers. C. H. Weller. 2,315,236; Mar. 30.
Supporting means for drawing boards. K. Gack. 2,328,135; Aug. 31.
Supporting means for floating tank roof seals. Side wall shoe. J. H. Wiggins. 2,313,856; Mar. 16.
Supporting means for radio coil units and the like. L. H. Zepp. 2,335,205; Nov. 23.
Supporting means for the motor and fan assembly of tank type cleaners. W. J. Clements. 2,336,716; Dec. 14.
Supporting means. Trousers. W. Gluckmann. 2,315,698; Apr. 6.
Supporting pin. H. J. Dailey and W. J. Knochel. 2,325,748; Aug. 3.
Supporting rods to end fittings of well screens. Welding the ends of. A. A. Jens. 2,312,415; Mar. 2.
Supporting structure for floating tank roofs. J. H. Wiggins. 2,329,967; Sept. 21.
Supporting structure. Ladder. E. L. Seiler. 2,323,425; July 6.
Supporting table and jack. T. W. Murray. 2,335,692; Nov. 30.
Supports for printing rolls. Movable bearing. S. B. Stafford and H. A. Smith. 2,321,329; June 8.
Suppository. L. H. Slocumb. 2,333,342; Nov. 2.
Suppository or bougie. C. C. Miller. 2,321,694; June 15.
Suppressor. E. W. Caulfield. 2,325,905; Aug. 3.
Surface active agent. J. B. Dickey and A. Loria. 2,334,230; Dec. 7.
Surface active agent. H. Robinette. 2,317,555; Apr. 27.
Surface active agent and treating fibrous materials therewith. H. Robinette. 2,320,707; June 1.
Surface active compound. N. B. Tucker. 2,329,166; Sept. 7.
Surface coating. Friction reducing. J. Bjorksten. 2,332,196; Oct. 19.
Surface covering. E. L. Craig. 2,323,299; July 6.
Surface covering compositions containing synthetic resins and process of producing same. D. G. Patterson. 2,332,542; June 22.
Surface coverings. Making variegated hard. A. C. Perry. 2,331,275; Oct. 5.
Surface coverings. Making variegated hard. J. F. Summargill. 2,310,495; Feb. 9.
Surface evaporator. Variable. S. M. Anderson. 2,332,981; Oct. 26.
Surface finishing apparatus. P. P. Stull. 2,323,578; July 6.
Surface finishing machinery. A. H. Dall, H. Ernst, and S. Einstein. 2,327,022; Aug. 17.
Surface finishing machinery. H. Ernst, A. H. Dall, and S. Herfurth. 2,333,304; Nov. 2.
Surface gauge clamp. W. F. Bilz. 2,310,274; Feb. 9.
Surface grinder spindle bearing. W. G. Baldenhofer. 2,334,238; Nov. 16.
Surface hardening of linear polyamide bodies. W. O. Baker and N. R. Pope. 2,336,381; Dec. 7.
Surface intercooler. Direct. S. A. Whit and S. Przyborski. 2,317,572; Apr. 27.
Surface material working. F. H. Fanning. 2,326,847; Aug. 17.
Surface plate. H. E. Saunders. 2,336,506; Dec. 14.
Surface rod line jack. W. J. Jones. 2,318,494; May 4.
Surface treating device. H. W. Parrish. 2,332,251; Oct. 19.
Surface treating glass containers. B. A. Noble. 2,331,041; Oct. 5.
Surface treating machine. L. Vavrik and K. C. C. Atkin. 2,318,117; May 4.
Surface treating machine. L. Vavrik and K. C. C. Atkin. 2,327,229; Aug. 17.
Surface treating machine. L. Vavrik and K. C. C. Atkin. 2,334,364; Nov. 16.
Surface treatment for aluminum. E. V. Blackmun and M. P. Mikula. 2,311,623; Feb. 23.
Surface treatment for articles of magnesium and alloys thereof. W. S. Loose. 2,332,487; Oct. 19.
Surface treatment of tinued material. W. O. Cook and H. E. Romine. 2,314,818; Mar. 23.
Surface working method. F. H. Fanning. 2,326,848; Aug. 17.
Surfaces. Building up. J. M. Keir. 2,330,289; Sept. 28.
Surfaces. Inspection of. K. P. Brace and H. C. Waterman. 2,313,218; Mar. 9.
Surfaces of metal bodies. Process and apparatus for conditioning the. A. M. Keller, J. H. Bucknam, and A. J. Miller. 2,312,418; Mar. 2.
Surfaces. Production of. W. A. Beh. 2,329,179; Sept. 14.
Surfaces. Smoothing. G. Clausen. 2,312,028; Feb. 23.
Surfaces to facilitate wearing-in. Treatment of frictional. B. B. Farrington, R. L. Humphreys, and R. T. MacDonald. 2,311,653; Feb. 23.
Surfaces. Treating. L. S. Wertz. 2,313,108; Mar. 9.
Surfaces. Treatment of. C. W. Hewlett. 2,337,329; Dec. 21.
Surfacing device. H. C. Pease. 2,322,718; June 22.
Surge suppression. W. L. Kitsman. 2,316,339; Apr. 13.
Surgical apparatus. G. J. Thomas. 2,322,753; June 29.
Surgical appliance. S. T. Nevins. 2,320,736; June 1.
Surgical chair. I. E. Donchess. 2,330,476; Sept. 28.
Surgical device. W. B. Erekson. 2,333,337; Nov. 2.
Surgical dressing unit. H. Ganz. 2,329,262; Sept. 14.
Surgical instrument. B. F. Glasser. 2,329,264; Sept. 14.
Surgical instrument. J. Gmeiner. 2,315,326; Mar. 30.
Surgical instrument. B. A. Southerland. 2,316,297; Apr. 13.
Surgical instrument. C. Willers. 2,333,284; Nov. 2.
Surgical irrigating equipment. H. O. Pritchard. 2,331,226; Oct. 5.
Surgical package. Sterile. J. H. Brewer. 2,313,512; Mar. 9.
Surgical probe for locating foreign metal particles in body tissue. S. Berman. 2,321,555; June 8.
Surgical retractor. Self-retaining. W. A. Nelson. 2,313,164; Nov. 2.
Surgical simulacra and preparing same. K. F. Hoffmann and E. Fliegenschmidt. 2,324,702; July 20.
Surgical support. L. I. Blackburn and L. de Cordova. 2,333,839; Nov. 9.
Surveying instrument. D. C. Johnson. 2,327,982; Aug. 31.
Surveying instrument. Well. G. L. Kothny. 2,317,386; Apr. 27.
Suspender suit construction. S. Rossby. 2,318,528; May 4.
Suspension. H. A. Knox. 2,322,785; June 29.
Suspension. H. A. Knox. 2,333,107; Nov. 2.
Suspension assembly for tandem axle trucks. E. M. Carmichael and J. P. Stein. 2,307,388; Jan. 5.
Suspension device. R. Iredell and H. T. Kraft. 2,318,802; May 11.
Suspension file. F. D. Jonas. 2,318,077; May 4.
Suspension for railway trucks and the like. Spring. C. D. Young. 2,322,680; June 22.
Suspension means for automatic transmissions. J. Haltenberger. 2,328,141; Aug. 31.
Suspension means for reciprocal saws. G. J. Sellmeyer. 2,323,247; June 29.
Suspension means. Garage door. O. F. Stouffer. 2,323,161; June 29.
Suspension system. M. Olley and G. F. Gibson. 2,319,430; May 18.
Suspension. Truck bolster. J. Ledwinka. 2,320,085; May 25.
Suspension unit. S. S. Bernstein. 2,318,583; May 11.
Suture. Packaged. H. Cleminson. 2,311,735; Feb. 23.
Swab. Surgical. R. E. Hoey and G. R. Orrill. 2,333,070; Oct. 26.
Swab. Well. R. G. Taylor, Jr., and D. B. Hooser. 2,325,556; July 27.
Swaging machine. H. G. Robinson. 2,309,357; Jan. 26.
Swaging tool. O. J. Pratz. 2,329,385; Sept. 14.
Sweater. Fly. A. Sorkind. 2,312,760; Mar. 2.
Sweater. C. Warshaw. 2,312,609; Mar. 2.
Sweep. J. P. Seaholm. 2,337,777; Dec. 28.
Sweep circuit generator for cathode ray tubes. W. D. Hershberger. 2,312,761; Mar. 2.
Sweeper. Carpet. I. J. Owen. 2,316,709; Apr. 13.
Sweeper. Carpet. F. W. Pullen. 2,307,156; Jan. 5.
Sweeper. Carpet. F. W. Pullen. 2,319,631; May 18.
Sweeper. Street. A. J. Farrar. 2,327,879; Aug. 24.
Swim fin. O. P. Churchill. 2,321,009; June 8.
Swimming device. H. H. Wener. 2,325,453; July 27.
Swing. C. H. Williams. 2,325,456; July 27.
Swing and glide apparatus. Combined. E. W. Ladd. 2,307,141; Jan. 5.
Swing. Baby. J. C. Anderegg. 2,317,243; Apr. 20.
Swing gate valve. C. E. Strecker and C. J. Kopriva. 2,308,399; Jan. 12.
Swing. Rotary. W. Dane. 2,337,975; Dec. 28.
Switch. See—
Adjustable time switch. Escapement type switch. Fan switch. Flashlight switch. Flasher switch. Float controlled switch. Flow controlled switch. Fluorescent lamp switch. Fuel pressure switch. Fuse cutout and disconnect switch. Fuse switch. Geared limit switch. Glow discharge switch. Glow switch. Governor actuated switch. Headlight dimmer switch. Heat control time switch. High tension electric switch. High voltage switch. Horn switch and switch. Inductor switch. Inertia switch. Lamp control switch.

- Switch; See—
 Line starter switch.
 Magnetic switch.
 Mechanical gravity actuated electrical switch.
 Mercury switch.
 Multi-position switch.
 Overload protective electromagnetic switch.
 Overload relay switch.
 Periodically operating electric switch.
 Plugging switch.
 Plunger type electrical switch.
 Pole reversing switch.
 Power steer switch.
 Pressure-actuated circuit switch.
 Pressure actuated switch.
 Push-pull switch.
 Quick break disconnect switch.
 Remote control switch.
 Repeater fuse switch.
 Reversing switch.
 Rotary electric switch.
 Safety switch.
 Selector switch.
 Switch, E. T. Birtz, 2,337,881; Nov. 23.
 Switch, A. H. Buckley, 2,332,434; Oct. 19.
 Switch, L. E. Fisher, 2,319,593; May 18.
 Switch, W. H. Frank and L. E. Fisher, 2,312,634; Mar. 2.
 Switch, J. R. Fred, 2,323,389; July 6.
 Switch, E. G. Gaynor, 2,337,899; Dec. 28.
 Switch, E. R. Howard, 2,322,255; June 22.
 Switch, A. E. Landerholm, 2,334,449; Nov. 16.
 Switch, H. J. Longal, 2,307,565; Jan. 5.
 Switch, E. W. Logan, 2,329,932; June 1.
 Switch, H. L. Nicholas, 2,315,166; Mar. 9.
 Switch, E. A. Nordberg, 2,324,798; July 29.
 Switch, B. L. Shaw, 2,314,465; Mar. 23.
 Switch actuating recording system, B. Cooper, 2,313,626; Mar. 9.
 Switch and control system combination, Limb, P. G. White, 2,328,697; Sept. 7.
 Switch and fuse, Combined, W. O. Schultz and A. G. Stoenmayer, Jr., 2,312,412; Dec. 21.
 Switch and pilot valve, Safety, H. A. Mantz, 2,323,261; Nov. 2.
 Switch and spare bulb carrier for electric hand lanterns, Combined, W. M. Moxley, 2,312,844; Mar. 2.
 Switch apparatus, Safety, S. E. Boynton and D. V. Waters, 2,307,383; Jan. 5.
 Switch arrangement, Single or polyphase, M. Zühlke, 2,310,145; Feb. 2.
 Switch as used in telephone systems, Automatic, W. R. Rose, 2,331,844; Oct. 12.
 Switch assembly, Push-button, H. M. Zimmerman and G. O. Puerner, 2,311,322; Feb. 16.
 Switch cabinet, J. W. Samzelius, 2,320,952; June 1.
 Switch closing mechanism, T. R. Coggeshall, H. R. Phelan, and C. Thumlin, 2,307,567; Jan. 5.
 Switch construction, H. A. Triplett, 2,316,470; Apr. 13.
 Switch construction, A. Van Ryan, 2,324,047; July 13.
 Switch contacts, D. C. Larson, 2,337,477; Dec. 21.
 Switch control and indication system, G. Cini, 2,312,959; Mar. 2.
 Switch control circuit, C. M. Hines and N. F. Agnew, 2,312,038; Feb. 23.
 Switch control device, D. D. Demarest, C. Berendt, and W. Karius, 2,307,361; Jan. 5.
 Switch control, Electrical, W. L. Garlington, 2,337,712; Dec. 28.
 Switch device for ball rolling games, F. W. Moxey and R. W. Feldort, 2,308,297; Jan. 12.
 Switch device, Pneumatic, C. S. Kelley, 2,314,405; Mar. 23.
 Switch device, Thermal, J. Schmidinger, 2,321,049; June 8.
 Switch, Drop-out, C. N. Fry, Jr., 2,321,15; May 18.
 Switch for alternating and direct current, Impulse operated selector, E. G. Baker and T. Obszarny, 2,315,920; Apr. 16.
 Switch for automotive vehicles, Automatic safety, C. Dearbaugh, 2,318,989; May 11.
 Switch for ball-rolling games, Bumper, F. G. Nicolaus, 2,328,667; Sept. 7.
 Switch for ball rolling games, Contact, H. E. Williams and L. A. Durant, 2,330,771; Sept. 28.
 Switch for controlling operation of gaseous discharge lamps, B. K. Naster, 2,331,040; Oct. 5.
 Switch for electric discharge devices, M. A. Townsend, 2,330,161; Sept. 21.
 Switch for electric flashlights or the like, T. Bradbury, 2,321,180; June 8.
 Switch for fluorescent lamps, Thermal, R. F. Hays, Jr., and C. H. Hodgkins, 2,313,745; Mar. 16.
 Switch for internal combustion engines, safety, R. G. Berry, 2,311,179; Feb. 16.
 Switch for railroads, Track, R. W. Hewes, 2,324,622; July 20.
 Switch for the control of electro-thermal apparatus, Combination, E. Challet, 2,318,055; May 4.
 Switchgear, L. R. Ludwig and B. P. Baker, 2,307,596; Jan. 5.
 Switchgear, G. P. Sauer, 2,331,632; Oct. 12.
 Switchgear apparatus, C. P. West, 2,331,255; Oct. 5.
 Switchgear, Electric, B. I. Burgess, 2,335,042; Nov. 23.
 Switch handle and seal, Combination, A. D. Bullerjahn, 2,331,301; Nov. 23.
 Switchhook, Magnet, R. M. Kaib, 2,322,851; June 29.
 Switch housing, Explosion-proof, R. H. Olley and R. F. Lester, 2,321,508; June 8.
 Switch mechanism, C. Collins, 2,323,616; July 6.
 Switch mechanism, G. Currie, 2,326,011; Aug. 3.
 Switch mechanism, G. H. Hansen, 2,307,265; Jan. 5.
 Switch mechanism, F. Mason, 2,330,439; Sept. 28.
 Switch mechanism, Electric, C. Lurtz, 2,329,066; Sept. 7.
 Switch, multiple bulb electric lantern, Multiple, W. M. Moxley, 2,324,715; July 29.
 Switch operating apparatus, Railway, H. L. Bone, 2,320,171; May 25.
 Switch operating means, R. M. Barley, 2,318,355; May 4.
 Switch operating means, T. W. Shenton, 2,336,125; Dec. 7.
 Switch operating mechanism, Railway, H. L. Bone, 2,316,930; Apr. 20.
 Switch point protecting means, Safety, T. O. Bussler, 2,315,243; Mar. 30.
 Switch recloser, Time-delay, T. Birkenmaier, 2,320,026; May 25.
 Switch rod connecting means, Railway, H. L. Bone, 2,316,312; Apr. 13.
 Switch signal, D. A. Kelly, 2,312,049; Mar. 2.
 Switch structure, E. W. Landmeyer, 2,310,096; Feb. 2.
 Switch testing apparatus, J. H. Payne, 2,310,747; Jan. 5.
 Switching apparatus, K. A. Oplinger, 2,307,535; Feb. 9.
 Switching apparatus, Automatic, C. E. Lomax, 2,312,427; Mar. 2.
 Switching case for electric pocket lamps, E. Venot, 2,330,851; Oct. 5.
 Switching contact, R. C. Mathes, 2,319,937; May 25.
 Switching conveyor means, M. Cohen, 2,334,381; Nov. 16.
 Switching device, O. Conradt and H. Zöllner, 2,325,388; Nov. 30.
 Switching device, E. S. Cornell, T. Fjellstedt, and S. C. Killian, 2,316,844; Apr. 20.
 Switching device, C. N. Hickman, 2,324,623; July 20.
 Switching device, A. A. Johnson, 2,308,882; Jan. 19.
 Switching device, R. P. Mullins, 2,317,169; Apr. 27.
 Switching device, C. E. Pollard, Jr., 2,312,072; Mar. 2.
 Switching device, Low reactance, J. E. Hayes, 2,325,854; Aug. 3.
 Switching device, Low voltage self sustaining remote control, C. L. Strutsman and L. C. Vance, 2,315,231; Mar. 30.
 Switching mechanism, G. E. Atkins, 2,320,254; May 25.
 Switching mechanism, V. F. Bohman, 2,320,258; Apr. 27.
 Switching mechanism, P. B. Drake, 2,317,743; Apr. 27.
 Switching mechanism, A. W. Horton, Jr., 2,326,647; Aug. 10.
 Switching mechanism, R. F. Mallina, 2,327,730; Aug. 24.
 Switching mechanism, H. E. Malone, 2,313,083; Mar. 9.
 Switching mechanism, E. D. Mead and V. F. Miller, 2,320,734; June 1.
 Switching mechanism, J. O. Shepherd, 2,337,941; Dec. 28.
 Switching mechanism, G. R. Stibitz, 2,331,514; Oct. 1.
 Switching mechanism for multiple way adapters, G. Raft, 2,309,921; Feb. 2.
 Switching, Pressure, H. Diamond and W. S. Hinman, Jr., 2,322,229; June 22.
 Switching, Selective, E. E. Kleinschmidt, 2,334,205; Nov. 16.
 Switching system, L. A. Meacham and C. V. Parker, 2,310,452; Feb. 9.
 Switching system, Automatic, B. D. Willis, 2,329,234; Sept. 14.
 Switching system, Electric, P. T. Galt, Jr., 2,317,266; Apr. 20.
 Switching system for light-flash-producers, such as stroboscopes, H. E. Edgerton, Jr., 2,320,762; Feb. 2.
 Switching system, Teletypewriter, F. H. Hanley, 2,321,382; June 8.
 Swivel, M. R. Schall, 2,323,624; July 6.
 Swivel, Ball bearing streamlined, H. J. Westhaver, 2,318,119; May 4.
 Swivel fitting, O. G. Martin, 2,307,328; Jan. 5.
 Swivel joint assembly, P. L. Snowberger, 2,323,575; July 6.
 Swivel, Logging, F. E. Anderson, 2,307,657; Jan. 5.
 Swivel seat, A. E. Davies, 2,329,697; Sept. 21.

- Swivel sinker. F. Knill and J. A. Schulte. 2,313,647; Mar. 9.
- Synchronized saw-tooth current generator. H. Bähring and T. Mulert. 2,310,888; Feb. 9.
- Synchronizer. O. E. Fishburn. 2,319,496; May 18.
- Synchronizer. Camera. S. Mendelsohn and P. K. McGall. 2,328,831; Sept. 7.
- Synchronizer, Photoflash. S. Mendelsohn. Re. 22,338; June 22.
- Synchronizer, Transmission. H. H. Robbins. 2,322,970; June 29.
- Synchronizing arrangement. G. Wegener. 2,322,985; June 29.
- Synchronizing control. G. F. Drake. 2,319,218; May 18.
- Synchronizing device. J. E. Peck. 2,307,334; Jan. 5.
- Synchronizing indicator. H. T. Seeley. 2,320,198; May 26.
- Synchronizing system. P. E. Day. 2,314,610; Mar. 23.
- Synchronous machine, Self-excited. R. C. Robinson. 2,333,582; Nov. 2.
- Synchronous motor. W. L. Hansen and I. N. Hurst. 2,323,035; June 29.
- Synthetic composition comprising hydrolyzed, acetalized, and/or ketalized copolymers of vinyl esters and organic nitriles containing at least one $\text{CH}_2=\text{C}<$ grouping. G. F. D'Alelio. 2,332,899; Oct. 26.
- Synthetic composition comprising hydrolyzed, acetalized, and/or ketalized copolymers of vinyl esters and unsaturated alkyl resins. G. F. D'Alelio. 2,332,898; Oct. 26.
- Synthetic composition comprising hydrolyzed, acetalized, and/or ketalized copolymers of vinyl esters and unsaturated ketones. G. F. D'Alelio. 2,332,901; Oct. 26.
- Synthetic composition comprising hydrolyzed, acetalized and/or ketalized copolymers of vinyl esters and unsaturated ketones containing at least one $\text{CH}_2=\text{C}<$ grouping. G. F. D'Alelio. 2,332,897; Oct. 26.
- Synthetic composition comprising hydrolyzed acetalized and/or ketalized copolymers of vinyl esters and unsaturated organic esters. G. F. D'Alelio. 2,332,895; Oct. 26.
- Synthetic composition comprising hydrolyzed acetalized copolymers of vinyl esters and unsaturated organic esters. G. F. D'Alelio. 2,332,896; Oct. 26.
- Synthetic composition comprising hydrolyzed, acetalized, and/or ketalized polymers of allyl esters. G. F. D'Alelio. 2,332,900; Oct. 26.
- Synthetic filament. Treatment of. M. L. Macht and M. M. Renfrew. 2,311,405; Feb. 16.
- Synthetic resin and producing the same. P. H. Scrutcher. 2,331,805; Oct. 12.
- Synthetic resin from polyacetacetates of polyhydric alcohols and formaldehyde. H. A. Bruson. 2,326,006; Aug. 3.
- Synthetic resins, Preparation of. W. J. Sparks and D. C. Field. 2,336,648; Dec. 14.
- Synthetic resins, Preparing. P. Castan. 2,324,483; July 27.
- Synthetic rubber cement and preparing same, Oil resistant. D. V. Sarbach. 2,325,984; Aug. 3.
- Synthetic rubber-like material. E. Konrad and R. Ludwig. 2,335,124; Nov. 23.
- Synthetic rubber, Softening. B. S. Garvey, Jr. 2,325,946; Apr. 3.
- Synthetic rubber, Water mastication of. C. F. Fryling. 2,333,242; Nov. 2.
- Synthetic structures, Production of. J. B. Miles. 2,307,846; Jan. 12.
- Syringe. C. A. Anderson. 2,324,898; July 20.
- Syringe. B. Douglas. 2,309,502; Jan. 26.
- Syringe. A. E. Smith. 2,323,159; June 29.
- Syringe construction, Hypodermic. A. E. Smith. 2,317,558; Apr. 27.
- Syringe, Hypodermic. A. E. Smith. 2,313,484; Mar. 9.
- Syringe nozzle. J. Klarchuk. 2,333,383; Nov. 2.
- Syringe, Vaccinating. J. H. Mead, Jr. 2,316,095; Apr. 6.
- Syrup, Making purified. J. F. Walsh. 2,319,649; May 18.
- System, Air conditioning. E. H. White. 2,322,405; June 22.
- System and apparatus for flowing wells. F. S. Tutton. 2,307,171; Jan. 5.
- System and apparatus for sound reception. S. Perlman. 2,319,627; May 18.
- System and apparatus for the control of illuminating devices. E. W. Rickmeyer. 2,307,959; Jan. 12.
- System and device for measuring the quantity of air taken out in one or more breaths. F. Bortini. 2,326,925; Aug. 17.
- System and device for signaling purposes. S. Hermann. 2,334,765; Nov. 23.
- System and truck for loading boxed produce. H. C. Pierce. 2,316,614; Apr. 13.
- System for compensating anode supply potential variations. F. H. Shepard, Jr. 2,313,097; Mar. 9.
- System for controlling the application of power. E. A. Rockwell. 2,331,800; Oct. 12.
- System for controlling the temperature in the interior of vehicles. J. Bethenod. 2,312,996; Mar. 2.
- System for indicating circuit faults in transmission systems. J. T. Neiswinder and L. R. Featheringham. 2,307,896; Jan. 12.
- System for magnetic compasses, Repeater. E. A. Sperry, Jr. 2,323,253; June 29.
- System for overcoming thermal agitation noise and inductive disturbance noises in carrier systems. H. Mouradian. 2,333,627; Dec. 14.
- System for providing hot wash water. J. Van Vuilen and E. E. Stenzel. 2,307,341; Jan. 5.
- System for recording a plurality of measuring magnitudes. G. Keinath. Re. 22,293; Mar. 23.
- System for recovering finely divided solids from gases. W. Scheineman. 2,337,684; Dec. 28.
- System for setting wells to control tubing pressure. R. N. Bean and H. Allen. 2,336,977; Dec. 14.
- System for silencing radio receivers during automatic tuning thereof. D. H. Mitchell. 2,331,039; Oct. 5.
- System for storage and utilization of fuel gases. C. MacSporran. 2,309,854; Feb. 2.
- System for testing resonant networks. C. E. Dennis and A. Helm. 2,320,175; May 25.
- System, in particular to internal combustion engine, including compressors. L. Birkigt. 2,318,834; May 11.
- System, Lubricating. A. T. McDonald. 2,322,463; June 22.
- System of gauging pressures. H. Allen. 2,312,787; Mar. 2.
- System of inflation and apparatus for operating the same. M. L. Taylor and C. T. Sears. 2,317,426; Dec. 21.
- System of reducing pressures. J. S. Abercrombie. 2,316,383; Apr. 13.
- System, Radio beacon. F. G. Kear. 2,320,521; June 1.
- System, Sound recording. E. Hacke. 2,323,032; June 29.
- System, Telephone. M. A. Logan. 2,320,943; June 1.
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| Table; Arc welding table. | Knock down table. |
| Bowling score sheet display table. | Laundry table. |
| Convertible table. | Metal table. |
| Extension leaf table. | Portable table. |
| Extension table. | Revolvable table. |
| Folding table. | Sander table. |
| Fruit inspecting and trimming table. | Saw table. |
| Gas welding table. | Sectional table. |
| Heated ironing table. | Sheet sorting table. |
| Hospital table. | Sorting table. |
| Ironing table. | Tensioned top ironing table. |
- Table. H. A. Baekus. 2,308,737; Jan. 19.
- Table. R. E. Goodman. 2,310,521; Feb. 9.
- Table. I. and A. Lichtstern. 2,319,613; May 18.
- Table. R. J. Neutra and P. R. Williams. 2,329,213; Sept. 14.
- Table. F. C. Schwab. 2,321,324; June 8.
- Table and bench, Combination. C. E. Blossom. 2,321,177; June 8.
- Table and carrier, Portable. G. B. Wisecarver. 2,333,135; Nov. 2.
- Table, cabinet. W. H. Ledbetter and I. Ledbetter. 2,315,862; Apr. 6.
- Table construction. M. A. Wilkinson. 2,308,256; Jan. 12.
- Tablet dispenser. F. B. Ashton. 2,330,256; Sept. 28.
- Tablet dispensing machine. L. J. Madden. 2,308,188; Jan. 12.
- Table for masonry saws, Adjustable. R. Moffat and L. J. Wright. 2,330,510; Sept. 28.
- Table, e.g. construction, Folding. V. Filonowicz. 2,309,180; Jan. 26.
- Table or the like, Physician's examining. G. E. Froelich. 2,314,778; Mar. 23.
- Table top, Auxiliary. J. Worth. 2,311,149; Feb. 16.
- Table top construction, Sliding. K. J. Draxler. 2,307,396; Jan. 5.
- Table top, Game. M. Greitzer. 2,322,089; June 15.
- Table top, Ironing. H. B. Fay. 2,319,396; May 18.
- Table top, Ironing. E. T. John. 2,320,607; June 1.
- Table top, Movable. G. H. Binz. 2,322,291; Oct. 19.
- Tablet crushing and dispensing device. L. A. Boylan. 2,334,806; Nov. 23.
- Tablet, Medicinal. F. J. Bickenheuser. 2,312,381; Mar. 2.
- Table, e.g. Ball bearing equalizing. W. M. Hyland. 2,323,804; Feb. 6.
- Table type, holding apparatus. W. P. McDonald. 2,317,289; Apr. 20.
- Tablet, Vision training drawing. A. K. Cross. 2,313,518; Mar. 9.
- Tablet, Writing and drawing. F. S. Strauss. 2,333,597; Nov. 2.
- Tabulating and accounting machine. W. W. Lasker and J. Mueller. 2,323,816; July 6.
- Tabulating machine. A. H. Maschmeyer. 2,323,825; July 6.
- Tabulating machine. J. C. Mayorga and A. A. La Pointe. 2,336,111; Dec. 7.
- Tabulating machine. J. Mueller. 2,307,635; Jan. 5.
- Tabulating machine. G. Tauschek. 2,323,429; July 6.
- Tabulating mechanism. H. L. Lambert. 2,328,560; Sept. 7.
- Tabulating mechanism for accounting machines. W. A. Anderson. 2,318,448; May 4.
- Tabulating mechanism for accounting machines. W. A. Anderson. 2,330,660; Sept. 28.
- Tachometer. R. O. Helgeby. 2,336,172; Dec. 7.

- Tachometer. O. J. Leone. 2,329,400; Sept. 14.
 Tachometer and tachometer circuit. A. H. Hanson. 2,335,247; Nov. 30.
 Tack stripping machine. M. O. Held. 2,331,873; Nov. 23.
 Tacker. S. A. Crosby. 2,309,628; Feb. 2.
 Tackle. R. D. Pendon. 2,312,583; Mar. 2.
 Tackle block. J. Bacirotti. 2,328,122; Aug. 31.
 Tackle box. W. C. Baron. 2,316,833; Apr. 20.
 Tackless roller-shade assembly. W. M. Hiches. 2,322,934; June 29.
 Taeniacide. J. E. Guthrie. 2,323,218; June 20.
 Taeniacide. O. J. Mayfield and J. P. Henry. 2,320,630; June 1.
 Taper apparatus for rock drills. H. Gilderstrom. 2,332,070; Oct. 19.
 Taper. W. Fuhrmann. 2,314,779; Mar. 23.
 Tag. Carthe. L. A. Stone. 2,331,635; Oct. 12.
 Tag fastening machine. S. E. Van Tuyl. 2,331,252; Oct. 5.
 Tag holder. Combined inventory and price. J. Pavlovich, Jr. 2,320,463; June 1.
 Tag. Identification. F. J. Chabey. 2,325,906; Aug. 3.
 Tag. Identification. E. B. Otis. 2,311,800; Feb. 23.
 Tag. Identification. P. D. Wittlinger. 2,309,030; Jan. 13.
 Tag marking machine. Price. F. Kohnle. 2,313,317; Mar. 9.
 Tag printing machine. S. E. Van Tuyl. 2,331,251; Oct. 5.
 Tallowate mechanism. W. A. Lawrence. 2,328,082; Aug. 31.
 Tallow joint cover. E. F. Joyce. 2,308,286; Jan. 12.
 Tallow oil. Current. J. E. Hugudet. 2,318,861; May 11.
 Tallow device. Air terminal. J. Olasz. 2,330,733; Sept. 28.
 Tall oil materials. Stabilizing. T. Hasselstrom. 2,311,386; Feb. 16.
 Take-up device. Automatic. W. R. Fischer. 2,310,947; Feb. 16.
 Take-up for gloves. H. A. Gillman. 2,322,687; June 22.
 Takeup for sewing machines. Rotary. J. D. Karle. 2,322,687; Oct. 19.
 Take-up mechanism. H. R. Patterson. 2,320,295; May 25.
 Take-up mechanism for conveyer apparatus. A. W. Lemmon. 2,317,235; Apr. 20.
 Tallol esters of amino alcohols. D. W. Jayne, Jr., and H. M. Day. 2,322,292; June 15.
 Tallol and products obtained therefrom. Treatment of. R. G. Dressler and R. E. Vivian. 2,336,172; Dec. 14.
 Tall oil refining. J. N. Borglin. 2,315,581; Apr. 6.
 Tall oil refining. J. N. Borglin. 2,316,499; Apr. 13.
 Tamper backfilling mechanism. V. S. Penote. 2,338,056; Oct. 28.
 Tamper. Sheep foot. J. J. Low. 2,312,171; Mar. 2.
 Tamper. Tie. J. O. Surprenant. 2,331,148; Oct. 5.
 Tamping machine. J. and W. Kardos. 2,313,825; Mar. 16.
 Tamping roller. M. E. Whiteman. 2,331,973; Nov. 23.
 Tampion. C. B. Gage. 2,311,167; Feb. 16.
 Tampions. Making. S. P. Bailey. 2,330,257; Sept. 28.
 Tanks, see
 Bimetal tank. Hot water tank.
 Breather type tank. Hydropneumatic tank.
 Brine tank. Low temperature storage tank.
 Carbonation tank. Military tank.
 Combination high and low pressure storage tank. Photographic developing tank.
 Enameled tank. Plating tank.
 Film developing tank. Press storage tank.
 Flotation tank. Safety wash tank.
 Flush tank. Sedimentation tank.
 Fuel tank. Storage tank.
 Glass making furnace or tank. Wash tank.
 Grain conveyer and storage tank. Weigh tank.
 Tank. W. J. Bigley, Jr. 2,316,662; Apr. 13.
 Tank. W. G. Thompson and B. M. Kerr. 2,316,116; Apr. 6.
 Tank. H. Zerweck. 2,310,270; Feb. 9.
 Tank and making same. J. D. Baldwin, Jr. 2,319,487; May 18.
 Tank and valve assembly and making same. J. N. Paquin and J. D. Baldwin, Jr. 2,335,694; Nov. 30.
 Tank assembly. Hot water. W. E. Crawford. 2,335,174; Nov. 23.
 Tank car. J. A. Crista. 2,321,898; June 15.
 Tank cleaning apparatus. C. E. Senke. 2,332,940; Oct. 26.
 Tank closure. H. W. Bailey and G. A. Clay. 2,326,003; Aug. 3.
 Tank connection. J. W. Miller. 2,320,636; June 1.
 Tank construction. J. W. Proctor and W. S. Allen. 2,327,332; Aug. 17.
 Tank construction. W. J. Simonds. 2,316,296; Apr. 13.
 Tank control. Top. R. A. West. 2,311,499; Feb. 16.
 Tank drain. Air vented. M. N. Johnson. 2,311,177; Feb. 16.
 Tank filling device. C. F. Pye. 2,325,274; July 27.
 Tank fitting. H. W. Steiner. 2,326,263; Aug. 10.
 Tank for electrodeposition of metals on metallic strip. Plating. W. S. Allen, R. A. D. Dormont, and E. S. Talserson. 2,317,242; Apr. 20.
 Tank for liquid pumps. Blast. W. Nielebock. 2,317,796; Apr. 20.
 Tank for molten glass. J. Gaskell. 2,321,480; June 8.
 Tank for use in aircraft. H. C. Tryon. 2,316,729; Apr. 13.
 Tank for vehicles. R. D. Barton. 2,325,648; Aug. 3.
 Tank gauge. J. P. Wilhelm. 2,316,377; Apr. 13.
 Tank mounting. R. Welch. 2,314,298; Mar. 16.
 Tank outlet unit. R. Soucek. 2,312,495; Mar. 2.
 Tank structure. Battle. W. M. Sheehan and S. T. Wharton, Jr. 2,329,420; Sept. 14.
 Tank structure. Double deck. E. P. Strothman. 2,332,410; Oct. 19.
 Tank support. E. W. Pittman. 2,315,453; Mar. 30.
 Tank truck. W. Josephian. 2,317,064; Apr. 20.
 Tank washing device. Flaring and cleaning. A. M. Kirkpatrick. 2,307,462; Jan. 5.
 Tanker. J. Preuss. 2,314,555; Mar. 23.
 Tanks and the like. Leakproof construction of. J. M. Crom. 2,326,010; Aug. 3.
 Tanks and the like. Method of and apparatus for constructing. J. M. Crom. 2,331,657; Oct. 12.
 Tanks. Concrete. W. S. Howell. 2,329,719; Sept. 21.
 Tanks. Dismantling and rebuilding steel. C. W. McKee. 2,327,058; Dec. 21.
 Tanks during cold weather. Servicing underground liquefied petroleum gas. L. J. White. 2,331,879; Oct. 19.
 Tanks. Filling. A. Vegell. 2,319,567; May 18.
 Tanks. Fitting construction for. F. J. Poppersack. 2,333,885; Dec. 4.
 Tanks for storing liquid fuels and other fluids. Construction of underground. S. Klingberg. 2,333,315; Nov. 2.
 Tanks. Making pressure. G. E. Bullock. 2,310,834; Feb. 9.
 Tanning. P. R. Austin and W. E. Lundquist. 2,313,728; Mar. 16.
 Tanning. H. J. West. 2,322,959; June 29.
 Tanning. Methods and preparing them. E. Koch. 2,335,917; Dec. 7.
 Tanning. Synthetic. E. M. Tassel. 2,320,678; June 1.
 Tap. P. V. Whyland. 2,330,099; Sept. 21.
 Tap. Cube. W. P. Herman. 2,318,181; May 4.
 Tap for cutting internal screw threads. P. Contafili. 2,335,741; Nov. 30.
 Tap off connecting device. C. H. Klein. 2,327,651; Aug. 24.
 Tap structure. G. Hohwart. 2,307,680; Jan. 5.
 Tap tube. H. H. Harr. 2,331,834; Oct. 12.
 Tape. Adhesive. J. H. Goldman. 2,308,093; Jan. 19.
 Tape and cement applying machine. M. R. Meyer. 2,328,471; Sept. 7.
 Tape and making same. Adhesive. R. G. Drew. 2,331,894; Oct. 19.
 Tape-applying machine. P. H. Dixon. 2,335,264; Nov. 30.
 Tape-applying machine. H. D. Elliott. 2,335,267; Nov. 30.
 Tape construction for separable fasteners. D. Marinsky. 2,319,871; May 25.
 Tape-controlling arrangement. D. F. Newman. 2,326,386; Aug. 10.
 Tape dispenser. W. W. Atkins. 2,324,349; July 13.
 Tape dispenser. H. L. Fisher. 2,324,204; July 13.
 Tape dispenser. D. L. Gorbatenko. 2,333,924; Nov. 9.
 Tape dispenser and applicator. Gummed. L. L. Salfisberg. 2,317,943; Apr. 27.
 Tape dispensing apparatus. T. S. Bevier. 2,311,363; Feb. 16.
 Tape dispensing device. C. S. Jackson. 2,309,396; Jan. 26.
 Tape driving system for magnetic sound recording machines and the like. H. S. Heller, D. E. Ross, and P. J. Lilly. 2,321,812; June 15.
 Tape. Elastic binding. J. V. Moore. 2,322,382; June 22.
 Tape feeding machine. T. H. Krueger, A. P. Krueger, and C. H. Brand. 2,309,125; Jan. 26.
 Tape feeding means. T. R. Gautier. 2,308,464; Jan. 12.
 Tape. Flexible. J. Dinbofer. 2,307,395; Jan. 5.
 Tape. Flexible. J. Dinbofer. 2,319,724; May 18.
 Tape for slide fasteners. L. L. Jones. 2,333,314; Nov. 2.
 Tape for slide fasteners. G. Wintriss. 2,333,352; Nov. 2.
 Tape. Heating. E. A. Neff. 2,307,231; Jan. 5.
 Tape. Ionograph. E. J. Kohn. 2,316,340; Apr. 13.
 Tape. Manufacturing rolls of. E. R. Golub. 2,329,527; Sept. 14.
 Tape. Measuring. A. W. Keuffel and D. E. Whitlock. 2,321,920; June 15.
 Tape. Measuring. E. J. Witchger. 2,314,915; Mar. 30.
 Tape. Perforating apparatus. W. Leathers. 2,325,961; Aug. 3.
 Tape perforating system. R. E. Mathes. 2,333,024; Oct. 26.
 Tape perforator. A. H. Reiber. 2,308,543; Jan. 19.
 Tape. Pressure-sensitive. J. A. McManus and M. G. Higgins. 2,323,342; July 6.
 Tape printing machine. R. W. Chalmers. 2,323,976; July 13.
 Tape reel. H. N. Browning. 2,335,105; Nov. 23.
 Tape reinforcement. Slide fastener stringer. N. J. Pour. 2,327,983; Aug. 31.

- Tape selvage frame. R. T. Osteen. 2,336,954; Dec. 14.
- Tape severing mechanism. H. G. Allen. 2,319,103; May 11.
- Tape serving machine. T. H. Krueger. 2,328,022; Aug. 31.
- Tape serving mechanism. A. P. Krueger. 2,321,398; June 8.
- Tape serving mechanism. A. P. Krueger and M. J. West. 2,333,108-9; Nov. 2.
- Tape Tab. N. I. Fleischer. 2,317,899; Apr. 27.
- Tape, Tear. A. B. Clunan. 2,307,736; Jan. 12.
- Tape, Tear. F. E. Fehr. 2,307,735; Jan. 12.
- Tape transmitter distributor. W. J. Zenner. 2,323,958; July 13.
- Taper attachment construction. C. A. Bickel. 2,309,298; Jan. 26.
- Taper attachment construction. C. A. Bickel. 2,311,203; Feb. 16.
- Taper mechanism. F. A. Fritzsche. 2,315,846; Apr. 4.
- Taper pins, Making. R. W. Johnson. 2,335,418; Nov. 30.
- Tapered plug valve. G. D. Johnson. 2,336,493; Sept. 28.
- Tapping bodies. K. H. Weber. 2,324,745; July 20.
- Tapping tool. H. D. Allen. 2,327,150; Aug. 17.
- Taper, J. A. Kahlinger. 2,332,661; Oct. 26.
- Tappet, Self-adjusting. F. C. Rockstroh. 2,320,385; June 1.
- Tappet valve. A. Lenz and J. F. Miller. 2,324,006; July 13.
- Tapping and cooling device. A. B. Simon. 2,331,001; Oct. 5.
- Tapping device, Manual. N. M. Marsilius. 2,336,917; Dec. 14.
- Tapping machine. L. L. Schauer. 2,318,336; July 20.
- Tapping machine, Automatic. M. Graves. 2,324,922; July 20.
- Tar, Fractional distillation of. J. Zafertnik. 2,310,500; Feb. 9.
- Tar to produce heavy creosote oil, Distillation of. J. Zafertnik. 2,333,497; Nov. 16.
- Target apparatus. R. D. Delamere, V. G. Williams, E. R. George, and H. Heaton. 2,325,593; Aug. 3.
- Target apparatus. S. W. Frazier and J. B. Hendrix. 2,324,294; July 13.
- Target, Automatic. F. E. McAvoy. 2,307,147; Jan. 5.
- Target carrying stand. Z. de Lubiez Bakanowski, P. J. Jones, and G. G. Neuman. 2,335,395; Nov. 30.
- Target fish. H. J. La Due. 2,320,115; May 25.
- Target practicing device. L. B. Elliott. 2,311,937; Feb. 23.
- Target shooting apparatus. D. E. Hooker and F. G. Nicolaus. 2,310,085; Feb. 2.
- Target throwing apparatus. L. F. Parker and A. Hanger. 2,310,746; Feb. 9.
- Target, Toy. J. Reintam. 2,323,678; July 6.
- Tanning device for ironing board covers. E. M. Cobb. 2,323,108; Sept. 7.
- Taximeter, Dashboard compartment. H. W. White. 2,315,569; Apr. 6.
- Tea bag. L. B. Eaton. 2,307,998; Jan. 12.
- Tea bag and making the same. J. Yates. 2,313,696; Mar. 9.
- Tea bagging machine. A. Gaertner. 2,328,639; Sept. 7.
- Tea making apparatus. M. H. Graham and T. C. Forbes. 2,329,608; Sept. 14.
- Tea, Treating. F. O. H. Chutjian. 2,325,370; July 27.
- Teapot. S. E. Hevers. 2,323,468; July 6.
- Techniques and nature of subsurface zoology. Determining the. R. E. Lee. 2,313,384; Mar. 9.
- Tee carrier. W. E. Chambers. 2,321,360; June 8.
- Teets from metal tubing, Manufacture of. C. A. Nicholas and G. L. Weiser. 2,318,707; May 11.
- Teeth, Method of and apparatus for treating. E. L. Eckfeldt. 2,334,811; Nov. 23.
- Teletypographic device. D. Mitchell. 2,322,653; June 22.
- Telecommunication system. L. B. Haigh and L. Kozma. 2,316,238; Apr. 13.
- Telegraph apparatus. K. A. Sylvester. 2,330,250; Sept. 28.
- Telegraph apparatus, Printing. G. I. Roberts and J. W. Long. 2,308,306; Jan. 12.
- Telegraph apparatus, Printing. A. E. Thompson and R. D. Salmon. 2,317,490; Apr. 27.
- Telegraph breaking system. F. H. Hanley. 2,315,419; Mar. 30.
- Telegraph code converter. J. A. Spencer. 2,309,222; Mar. 26.
- Telegraph key. J. L. Ashe. 2,307,480; Jan. 5.
- Telegraph orienting device. P. A. Noxon. 2,315,009; Mar. 30.
- Telegraph printer. C. J. Fitch and K. R. Schneider. 2,307,123; Jan. 5.
- Telegraph printer. C. J. Fitch and K. R. Schneider. 2,313,137; Mar. 9.
- Telegraph receiver, Printing. L. S. Rose. 2,323,155; June 29.
- Telegraph signal distortion measuring apparatus and system. W. T. Rea and J. R. Wilkerson. 2,307,237; Jan. 5.
- Telegraph signal measuring apparatus. W. Y. Lang. 2,322,943; June 29.
- Telegraph station break-in system. A. W. Kaufman. 2,321,392; June 8.
- Telegraph switching apparatus. W. J. Zenner. 2,323,438; July 6.
- Telegraph system. R. J. Anspach. 2,321,349; June 8.
- Telegraph system. C. A. Dahlbom and R. B. Hearn. 2,310,279; Feb. 9.
- Telegraph system. F. H. Hanley. 2,334,551; Nov. 16.
- Telegraph system. F. H. Hanley. 2,337,886; Dec. 28.
- Telegraph system. J. A. Mahoney. 2,336,362; Dec. 7.
- Telegraph system. E. F. Watson. 2,327,478; Aug. 24.
- Telegraph system, High speed. G. Apperley. 2,307,099; Jan. 5.
- Telegraph system, Multichannel. P. Holcomb, Jr. 2,313,238; Mar. 9.
- Telegraph system, Multiplex. L. M. Potts. 2,329,650; Sept. 14.
- Telegraph system, Printing. G. W. Janson. 2,334,576; Nov. 23.
- Telegraph systems, Printing. H. C. A. Van Duuren. 2,313,980; Mar. 16.
- Telegraph transmitter. M. E. Hanson. 2,329,531; 2,329,531; Sept. 14.
- Telegraph transmitter. L. M. Potts. 2,308,539; Jan. 19.
- Telegraph transmitting system. S. Janiszewski. 2,331,914; Oct. 19.
- Telegraph transmitting system. K. A. Sylvester. 2,331,940; Oct. 19.
- Telegraph trouble indicator circuit. T. A. Marshall. 2,332,451; Oct. 19.
- Telegraphic auction system. J. A. Duncan. 2,321,372; June 8.
- Telegraphic system and apparatus. A. D. Eitzen. 2,327,035; Dec. 21.
- Telegraphic tape transmitter. A. W. Mills and F. J. Furman. 2,320,788; June 1.
- Telegraphic transmitter. L. G. Heatherly. 2,323,133; June 29.
- Telephony, System and apparatus for facsimile. R. J. Wise, L. G. Stewart, and R. D. Parrott. 2,315,361; Mar. 30.
- Telenote-reading device. W. Leathers. 2,333,321; Nov. 2.
- Telemetering arrangement. R. G. Arey and H. T. Faus. 2,320,661; Sept. 28.
- Telemetering system. R. G. Ballard. 2,333,406; Nov. 2.
- Telemetering system. H. I. Becker. 2,321,971; June 15.
- Telemetering system. R. G. Jewell. 2,330,588; Sept. 28.
- Telemetering system, Automatic. J. Haddad. 2,335,755; Nov. 30.
- Telemetric apparatus. F. B. Bristol. 2,326,200; Aug. 10.
- Telemetric control apparatus. R. P. Lowe. 2,322,373; June 22.
- Telemetric system. E. D. Doyle. 2,336,929; Dec. 14.
- Telemetric system. W. E. Dueringer. 2,333,083; Nov. 2.
- Telemetric system. J. D. Ryder. 2,317,807; Apr. 27.
- Telemetric system. J. E. White. 2,318,646; May 11.
- Telephone accessory shelf, Hingedly mounted. F. Tvrzicky. 2,328,310; Aug. 31.
- Telephone and phonograph, Combined. H. R. Van Deventer. 2,332,359; Oct. 19.
- Telephone apparatus. D. H. King. 2,337,900; Dec. 28.
- Telephone assembly. R. H. Kate. 2,325,185; July 27.
- Telephone attachment. C. Kolodny. 2,313,383; Mar. 9.
- Telephone booth. F. S. Corso. 2,328,618; Sept. 7.
- Telephone booth. C. A. Hallam. 2,337,885; Dec. 28.
- Telephone booth, Metallic. C. A. Hallam. 2,313,471; Mar. 9.
- Telephone booth, Stall. P. H. Sherron. 2,328,928; Sept. 7.
- Telephone call diverting system. E. L. Erwin. 2,327,877; Aug. 24.
- Telephone call transmitter. D. B. Parkinson. 2,307,537; Jan. 5.
- Telephone call transmitter. J. G. Roberts and C. D. Richard. 2,314,801; Mar. 23.
- Telephone calling dial device. G. R. Lum. 2,312,566; Mar. 2.
- Telephone coin collector. F. A. Hoyt. 2,311,751; Feb. 23.
- Telephone cord connector. E. S. McLarn. 2,312,970; Mar. 2.
- Telephone dial markings. R. A. Chapin. 2,334,903; Nov. 23.
- Telephone fixture. R. R. Mathieson. 2,310,032; Feb. 2.
- Telephone instrument. J. C. Watson. 2,320,838; June 1.
- Telephone line circuit. M. E. Griffins. 2,314,933; Mar. 30.
- Telephone line identification. R. Taylor and G. T. Baker. 2,318,267; May 4.
- Telephone recorder repeater system. I. L. Lesavoy. 2,328,562; Sept. 7.
- Telephone relay, Electromagnetic. M. S. Tsipkin. 2,337,694; Dec. 28.
- Telephone ringer. A. W. Vincent. 2,320,899; June 1.
- Telephone ringing apparatus. R. H. Herrick. 2,335,512; Nov. 30.
- Telephone set. G. Binick and H. Langer. 2,330,548; Sept. 28.
- Telephone set. F. Fairley. 2,318,681; May 11.
- Telephone set circuit. H. M. Bascom. 2,332,551; Oct. 26.
- Telephone set circuit. K. S. Johnson. 2,332,643; Oct. 26.

- Telephone signal receiver. W. Six and F. de Premery. 2,326,768; Dec. 14.
- Telephone stand. D. E. White. 2,326,591; Aug. 10.
- Telephone station equipment. A. Herckmans. 2,320,726; June 1.
- Telephone subscriber's set. G. Deakin. 2,333,299; Nov. 2.
- Telephone support. P. C. Moomaw. 2,310,252; Feb. 9.
- Telephone system. H. H. Abbott. 2,327,481; Aug. 24.
- Telephone system. S. M. Babcock and M. A. Logan. 2,308,637; Jan. 19.
- Telephone system. P. Bakker. 2,332,855; Oct. 26.
- Telephone system. P. Bakker. 2,335,473; Nov. 30.
- Telephone system. P. Bakker. 2,337,365; Dec. 21.
- Telephone system. H. W. Balzer. 2,331,013; Oct. 5.
- Telephone system. C. E. Beale. 2,307,818; Jan. 12.
- Telephone system. H. P. Boswau. 2,335,481; Nov. 30.
- Telephone system. K. L. Burgener. 2,312,385; Mar. 2.
- Telephone system. T. F. Crocker. 2,311,214; Feb. 16.
- Telephone system. T. F. Crocker and H. H. Smith. 2,333,472; Nov. 2.
- Telephone system. L. Denton and H. G. Evers. 2,333,474; Nov. 2.
- Telephone system. D. S. Dewire. 2,337,875; Dec. 28.
- Telephone system. E. P. Fairbairn. 2,313,815; Mar. 18.
- Telephone system. G. Heelt. A. A. Landstrom, and R. K. Taylor. 2,332,912; Oct. 26.
- Telephone system. B. D. Holbrook. 2,317,191; Apr. 20.
- Telephone system. W. H. T. Holden, F. A. Hubbard, R. F. Lewis, W. A. Maltman, and V. G. Sprague. 2,320,081; May 25.
- Telephone system. H. Hoyland. 2,336,866; Dec. 14.
- Telephone system. A. H. Inglis. 2,332,448; Oct. 19.
- Telephone system. F. Kessler. 2,314,995; Mar. 30.
- Telephone system. C. D. Koehling. 2,327,436; Aug. 24.
- Telephone circuit. R. Lee. 2,308,014; Jan. 12.
- Telephone system. M. A. Logan. 2,315,000; Mar. 30.
- Telephone system. M. A. Logan. 2,321,758; June 15.
- Telephone system. M. E. Maloney. 2,319,424; May 18.
- Telephone system. A. S. Martins. 2,327,201; Aug. 17.
- Telephone system. L. Molins. 2,333,495; Nov. 30.
- Telephone system. C. M. Morris. 2,324,147; July 13.
- Telephone system. H. N. Newstedt. 2,315,008; Mar. 30.
- Telephone system. O. A. Pearce. 2,307,855; Jan. 12.
- Telephone system. E. S. Peterson. 2,333,039; Oct. 26.
- Telephone system. E. S. Peterson. 2,337,411; Dec. 21.
- Telephone system. E. S. Peterson. 2,333,489; Nov. 2.
- Telephone system. S. E. Peterson and M. E. Griffin. 2,311,774; Feb. 23.
- Telephone system. G. Sandhals, Jr. 2,314,518; Mar. 23.
- Telephone system. J. O. D. Shepherd. 2,307,964; Jan. 12.
- Television system. G. K. Teal. 2,337,578; Dec. 28.
- Telephone system. J. H. Voss. 2,317,833; Apr. 27.
- Telephone system. J. H. Voss. 2,320,548; June 1.
- Telephone system. J. H. Voss. 2,333,038; Oct. 26.
- Telephone system. J. H. Voss and F. Kessler. 2,320,549; June 1.
- Telephone system. E. Vroom. 2,321,714; June 15.
- Telephone system. E. Vroom. 2,322,330; June 22.
- Telephone system. L. R. Waller. 2,323,692; July 6.
- Telephone system. L. R. Waller. 2,324,511; July 13.
- Telephone system. S. B. Williams. 2,314,961; Mar. 30.
- Telephone system. J. G. Walsh. 2,337,433; Dec. 21.
- Telephone system. A. E. Woodruff. 2,324,659; July 20.
- Telephone system. G. Zapf. 2,322,992; June 29.
- Telephone system, Automatic. H. P. Boswau. 2,307,757; Jan. 12.
- Telephone system, Automatic. H. P. Boswau. 2,322,219; June 22.
- Telephone system, Automatic. G. R. Eaton. 2,321,588; June 15.
- Telephone system, Automatic. F. A. Low. 2,333,324; Nov. 2.
- Telephone system, Automatic. W. T. Powell. 2,315,378; Mar. 30.
- Telephone system, Automatic. W. T. Powell. 2,325,877; Aug. 3.
- Telephone system, Automatic. N. H. Saunders. 2,333,744; Nov. 9.
- Telephone system, Automatic. L. M. Prince, Jr. 2,308,778; Jan. 19.
- Telephone system. Carrier frequency. W. Hagen. 2,323,033; June 29.
- Telephone system employing phonographs. H. R. Van Deventer. 2,313,852; Mar. 16.
- Telephone system employing phonographs. H. R. Van Deventer. 2,321,053; June 8.
- Telephone system. Party line. J. B. Retallack. 2,326,679; Aug. 10.
- Telephone system, Two-way. G. C. Reier. 2,336,888; Dec. 14.
- Telephone transmission system, Two-way. K. G. Van Wyne. 2,326,081; Aug. 3.
- Telephone transmitter. A. Herckmans. 2,320,433; June 1.
- Telephone system, Multiplex. J. J. Z. Van Zeist. 2,326,584; Aug. 10.
- Teletype method and apparatus. P. D. Zurian. 2,319,898; May 25.
- Teletype objective. H. F. Bennett. 2,321,973; June 15.
- Teletype objective. H. F. Bennett. 2,327,759; Aug. 24.
- Telescope, Astronomical. H. F. Morse. 2,326,552; Aug. 10.
- Telescope objective and making same. A. H. Bennett. 2,330,663; Sept. 28.
- Telescopic steering column. B. L. Maurer. 2,331,996; Oct. 19.
- Telescoping arm for windshield wipers. M. Zaiger. 2,312,278; Feb. 23.
- Telescoping gauge. G. T. Swinney. 2,326,410; Aug. 10.
- Telescoping windshield wiper arm. M. Zaiger. 2,312,279; Feb. 23.
- Teletypewriter. K. E. Ballweg. 2,334,534; Nov. 16.
- Teletypewriter numbering system. D. B. Perry. 2,321,418; June 8.
- Teletypewriter operation, Automatic. J. A. Hall and J. W. Schmied. 2,310,428; Feb. 9.
- Teletypewriter selection system. E. O. Gammell. 2,315,413; Mar. 30.
- Teletypewriter system. W. B. Martin. 2,307,842; Jan. 12.
- Teletypewriter system. J. L. Maxwell and E. R. Shlunim. 2,315,439; Mar. 30.
- Teletypewriter switching system. H. R. Starr and W. E. Waddington. 2,336,373; Dec. 7.
- Teletypewriter test distributor. W. T. Rea. 2,328,999; Sept. 7.
- Teletypewriter transmitting system. C. R. Walker. 2,334,592; Nov. 16.
- Television. T. H. Chambers. 2,319,789; May 25.
- Television. J. N. Dyer. 2,319,803-5; May 25.
- Television. P. C. Goldmark. 2,313,062; Mar. 9.
- Television. P. C. Goldmark. 2,317,989; May 4.
- Television. P. C. Goldmark. 2,323,905; July 13.
- Television. P. C. Goldmark. 2,329,191; Sept. 14.
- Television. J. J. Moynihan. 2,321,611; June 15.
- Television. Multiplex. Multiplex. R. W. Bums. 2,314,920; Mar. 30.
- Television and speech television, Two-way. S. B. Wright. 2,314,471; Mar. 23.
- Television and telephotographic system. E. Reisz. 2,332,469; Oct. 19.
- Television apparatus. E. P. Longerich. 2,335,287; Nov. 30.
- Television apparatus. K. R. Wendt. 2,326,083; Aug. 3.
- Television. Color. B. T. Hewson. 2,328,145; Aug. 31.
- Television. Color. A. H. Rosenthal. 2,330,172; Sept. 21.
- Television communication, Method and apparatus for. S. L. Clothier and H. C. Hogenkamp. 2,330,682; Sept. 28.
- Television communication, Method and system for. J. H. Homrighous. 2,309,393; Jan. 26.
- Television device. P. W. Williams. 2,307,249; Jan. 5.
- Television image enlarging system. A. N. Goldsmith. 2,307,211; Jan. 5.
- Television images, Method of and apparatus for. G. W. Willard. 2,314,960; Mar. 30.
- Television projection system. P. T. Farnsworth. 2,315,113; Mar. 30.
- Television receiver. F. Okolicsanyi. 2,313,286; Mar. 9.
- Television receiver synchronizing system. H. M. Lewis. Re. 2,320,390; Nov. 9.
- Television receiving system. A. H. Rosenthal. 2,330,171; Sept. 21.
- Television recording apparatus. E. W. Kellogg. 2,329,024; Sept. 14.
- Television studio. F. control circuit. O. H. Schade. 2,312,054; Feb. 23.
- Television signal-translating system. J. C. Wilson. 2,335,983; Dec. 7.
- Television signals, Apparatus for and method of generating. W. A. Knoop. 2,315,288; Mar. 30.
- Television signals, Apparatus for and method of generating. C. F. Matke. 2,315,290-1; Mar. 30.
- Television synchronizing system. A. V. Loughren. 2,308,375; Jan. 12.
- Television system. E. H. B. Bartelink. 2,326,515; Aug. 10.
- Television system. C. N. Batzel. 2,314,680; Mar. 23.
- Television system. A. V. Bedford. 2,307,188; Jan. 5.
- Television system. A. V. Bedford. 2,309,744; Feb. 2.
- Television system. A. V. Bedford. 2,315,388; Mar. 30.
- Television system. T. T. Eaton. 2,327,234; Dec. 21.
- Television system. D. E. Foster. 2,315,369; Mar. 30.
- Television system. A. N. Goldsmith. 2,307,210; Jan. 5.
- Television system. A. N. Goldsmith. 2,335,180; Nov. 23.
- Television system. T. L. Gottler. 2,309,764; Feb. 2.
- Television system. C. W. Hansell. 2,310,197; Feb. 2.
- Television system. J. H. Roe. 2,313,971; Mar. 18.
- Television system. J. H. Voss. Re. 2,241,3; Dec. 21.
- Television system. K. R. Wendt. 2,321,343; June 8.
- Television system. K. R. Wendt. 2,326,907; Aug. 17.
- Television system and operation. E. F. W. Alexanderson. 2,333,969; Nov. 9.
- Television system and scanner therefor. F. Okolicsanyi. 2,320,380; June 1.
- Television system, Color. M. Cawein. 2,313,224; Mar. 9.
- Television system, Color. P. J. Herbst. 2,309,506; Jan. 26.
- Television system, Color. C. S. Szegho. 2,336,134; Dec. 7.
- Television system, Observer controlled. R. Bown. 2,312,954; Mar. 2.
- Television transmission tube. W. Flechsig. 2,323,024; June 29.

- Television transmission, Two-way. P. Mertz. 2,308,381; Jan. 12.
- Television transmitting and the like system. H. G. Lubszynski. 2,314,648; Mar. 23.
- Television transmitting system. E. I. Anderson and A. Barco. 2,310,337; Feb. 9.
- Television transmitting system. O. B. Hanson. 2,310,285; Feb. 9.
- Television transmitting system. H. A. Iams and A. Rose. 2,324,504; July 20.
- Television transmitting tube and electrode structure. H. A. Iams and A. Rose. 2,324,505; July 20.
- Telltale device. F. L. Greager. 2,334,479; Nov. 16.
- Temperature compensated bubble for panoramic sextants. C. J. Crane and S. M. Burka. 2,313,734; Mar. 16.
- Temperature compensation for pressure indicators of continuous rolling mills, Automatic. E. A. Crawford. 2,322,418; June 22.
- Temperature control. J. D. Danforth. 2,333,845; Nov. 9.
- Temperature control apparatus. E. Feinberg. 2,330,876; Oct. 5.
- Temperature control instrument. H. S. Jones. 2,319,406; May 18.
- Temperature control instrument, Automatic. B. M. Barnutz. 2,322,501; June 22.
- Temperature control, Machine tool coolant. R. E. Bauer. 2,335,100; Nov. 23.
- Temperature control, Paper drier. A. E. Armstrong. 2,349,565; Jan. 26.
- Temperature control, Pasteurizer. N. J. Peters. 2,317,480; Apr. 27.
- Temperature control switch. J. P. Buller. 2,327,014; Aug. 17.
- Temperature control system. A. B. Newton. 2,334,216; Nov. 16.
- Temperature control system for internal combustion engines. F. E. Mueller. 2,309,976; Feb. 2.
- Temperature controlled valve. W. B. Clifford. 2,308,861; Jan. 19.
- Temperature controller, Constant differential. I. E. McCabe. 2,333,263; Nov. 2.
- Temperature controller, Fluid. J. M. King. 2,316,075; Apr. 6.
- Temperature controlling device. J. Hoekstra. 2,313,147; Mar. 9.
- Temperature controlling system. I. E. McCabe. 2,313,835; Mar. 16.
- Temperature determination. E. R. Howard. 2,325,058; July 27.
- Temperature indicator. R. P. Lappala. 2,308,087; Jan. 12.
- Temperature indicator. W. T. Welch and W. R. Jackson. 2,331,750; Oct. 12.
- Temperature measuring apparatus, Condensation. W. H. Howe. 2,311,661; Feb. 23.
- Temperature measuring device. F. G. Bloch. 2,316,391; Apr. 13.
- Temperature measuring instrument. R. I. Bradley. 2,318,453; May 12.
- Temperature measuring instrument. G. Keinath. 2,329,841; Sept. 21.
- Temperature normalizer for storage water heaters. R. J. Dougherty. 2,307,740; Jan. 12.
- Temperature regulating and ventilating system. P. B. Parks and T. J. Lehane. 2,323,236; June 29.
- Temperature regulation, Method and apparatus for. M. Frisch. 2,319,223; May 18.
- Temperature regulation system for electric discharge devices. H. K. Bourne. 2,329,584; Sept. 14.
- Temperature regulator. J. V. Giesler. 2,323,533; July 6.
- Temperature regulator. L. Satchwell. 2,315,984; Apr. 6.
- Temperature responding device. M. Hurst and A. Schwelzer. 2,308,922; Jan. 19.
- Temperature responsive device. H. E. Brannon. 2,333,291; Nov. 2.
- Temperature responsive device. J. A. Obermaier. 2,321,846; June 15.
- Temperature responsive electric switch. I. E. McCabe. 2,318,699; May 11.
- Temperature responsive element. A. O. Grooms. 2,336,092; Dec. 7.
- Temperature responsive instrument. W. W. Hastings. 2,307,504; Jan. 5.
- Temperature sensitive device. W. H. Gille. 2,319,317; May 18.
- Temperature taking grain sampler. M. I. Proudlock. 2,331,227; Oct. 5.
- Temperature meter. A. J. Van den Berg. 2,316,193; Apr. 13.
- Template. I. F. Johnson. 2,322,028; June 15.
- Templot. A. P. Stewart. 2,336,705; Dec. 14.
- Templet carrier for articulators. J. C. King. 2,315,338; Mar. 30.
- Templet-tracing apparatus. L. W. Young. 2,336,581; Dec. 14.
- Ten pin. F. Schafer. 2,321,524; June 8.
- Tens transfer mechanism for accounting machines. O. J. Sundstrand. 2,308,940; Jan. 19.
- Tenderizing machine. Meut. L. A. Larson and L. W. Hart. 2,322,243; June 22.
- Tennis ball trap. C. L. Walker. 2,313,409; Mar. 9.
- Tennis racket. A. D. Andreeff. 2,335,629; Nov. 30.
- Tennis racket, Table. V. H. Hurt. 2,311,546; Feb. 16.
- Tenoner, Double-end. J. H. Mansfield. 2,333,542; Nov. 2.
- Tensiometer. F. King. 2,312,419; Mar. 2.
- Tensiometer. G. P. Lessmann. 2,323,818; July 6.
- Tension controlling apparatus. W. Berthold. 2,328,322; Aug. 31.
- Tension device. J. Gouldbourn. 2,322,232; June 22.
- Tension device, Filling. H. H. Burdett. 2,335,142; Nov. 23.
- Tension for shuttles. E. R. Holmes. 2,319,864; May 25.
- Tension hoist equipment, Automatic. J. C. Patterson, Jr. 2,335,079; Nov. 23.
- Tension holder. J. F. Fauner. 2,328,793; Sept. 7.
- Tension or stretcher band for fence posts and the like. G. A. Gustafson. 2,331,390; Oct. 12.
- Tension roll drives. G. P. Lessmann. 2,310,098; Feb. 2.
- Tension splint, Adjustable. M. S. Corbett. 2,312,523; Mar. 2.
- Tensioned top ironing table. H. B. Fay. 2,315,193; Mar. 30.
- Tensioning apparatus. G. E. Henning and J. A. Wagner. 2,326,220; Aug. 10.
- Tensioning device. B. Bogoslawsky. 2,314,070; Mar. 16.
- Tensioning device for yarn, thread, or the like. A. G. Vogt. 2,316,031; Apr. 6.
- Tensioning means for chain saws. D. J. Smith. 2,316,997; Apr. 20.
- Tent. N. Bel Geddes. 2,317,682; Apr. 27.
- Tent. R. H. Hunter. 2,314,830; Mar. 23.
- Tent. L. B. White. 2,335,640; Oct. 3.
- Tent and shackle construction. B. Y. Coleman. 2,335,648; Nov. 30.
- Tent pole. C. C. Thornquist. 2,311,355; Feb. 16.
- Tent, Treatment. G. H. Budd. 2,333,915; Nov. 9.
- Teetering machine. M. G. Hinnekens. 2,307,221; Jan. 5.
- Terminal bank. C. W. McWilliams. 2,337,397; Dec. 21.
- Terminal block. C. Joyce. 2,327,048; Aug. 17.
- Terminal box. W. Dalton. 2,321,999; June 15.
- Terminal box. G. R. Folds and R. M. Schultz. 2,317,450; Apr. 27.
- Terminal, Coaxial transmission line. H. Granger. 2,322,233; June 22.
- Terminal connector. J. M. Yadon. 2,326,090; Aug. 3.
- Terminal connectors and positioning means therefor. R. C. Bugg. 2,316,555; Apr. 13.
- Terminal construction for lightning arresters. J. R. McFarlin. 2,311,852; Feb. 23.
- Terminal, Distributing. J. W. Channell. 2,318,755; May 11.
- Terminal for electrical conductors. L. H. Scott. 2,313,774-5; Mar. 16.
- Terminal, Rail bond. H. H. Febrey. 2,330,483; Sept. 28.
- Terminal structure for electric lamps. C. A. Cotman and D. K. Wright. 2,317,032; Apr. 20.
- Terminator. W. O. Hampton and E. S. Cornell. 2,316,420; Apr. 13.
- Terminator, Service. R. W. Smith. 2,330,390; Sept. 28.
- Termit control. L. E. Mills. 2,314,362; Mar. 23.
- Terpene adhesive. F. W. Corkery and S. G. Burroughs. 2,320,716; June 1.
- Terpene coatings. F. W. Corkery and S. G. Burroughs. 2,320,717; June 1.
- Terpene condensation product. J. N. Borglin. 2,320,846; June 1.
- Terpene derivative. J. N. Borglin. 2,312,684-5; Mar. 2.
- Terpene derivative. J. N. Borglin. 2,321,978-9; June 15.
- Terpene derivative. E. Ott. 2,332,165; Oct. 19.
- Terpene derivatives. A. L. Rummelsburg. 2,329,486; Sept. 14.
- Terpene ether. J. M. Schantz. 2,309,017; Jan. 19.
- Terpene halo-alkyl-ether-amine condensation products. L. W. Rothenberger. 2,316,625; Apr. 13.
- Terpene resin. S. G. Burroughs. 2,335,912; Dec. 7.
- Terpineol, Preparation of. D. H. Sheffield. 2,336,575; Dec. 14.
- Terracing machine. O. Gross. 2,311,337; Feb. 16.
- Tertiary alkyl phenols, Process for producing. H. E. Bud. 2,332,555; Oct. 26.
- Tertiary butyl alcohol-formaldehyde condensation product and preparing the same. M. T. Harvey. 2,333,928; Nov. 9.
- Tertiary hexyl alcohol-formaldehyde condensation product and preparing the same. M. T. Harvey. 2,333,929; Nov. 9.
- Test apparatus. W. T. Smith. 2,332,818; Oct. 26.
- Test device. R. K. Smith and J. H. Sulzer. 2,328,750; Sept. 7.
- Test device. J. H. Sulzer. 2,329,491; Sept. 14.
- Test device for oil wells. H. C. Beene, H. Marks, and D. L. Mitchell. 2,324,814; July 20.
- Test for sulphanyl compounds. A. G. Sheftel. 2,331,573; Oct. 12.
- Test indicator. C. J. Windfeldt. 2,321,443; June 8.
- Tester. E. L. Potts. 2,308,387; Jan. 12.
- Tester. H. W. Uhlrig. 2,330,644; Sept. 28.
- Tester adjustment means, Hardness. C. W. Clark. 2,326,759; Aug. 17.
- Tester for hydraulic valve lifters. H. E. Voorhies. 2,334,970; Nov. 23.
- Tests for coatings, Abrasion. C. B. Leape. 2,329,062; Sept. 7.
- Tester, Formation. F. W. Rolshausen and S. E. Swain. 2,332,813; Oct. 26.

- Tester, Gun. O. J. McCullough. 2,330,509; Sept. 26.
 Tester, Hardness. C. W. Clark. 2,319,208; May 13.
 Tester, Hardness. M. Klein and E. H. Grauel. 2,324,586; July 20.
 Tester, Impulse. J. H. Hagenguth. 2,324,835; July 20.
 Tester, Sediment. J. Kinney. 2,307,318; Jan. 5.
 Tester, Spark plug. M. F. Peters, J. P. Boston, and M. Davis. 2,324,458; July 13.
 Tester, trainer. D. C. Holand and V. E. Lee. 2,326,944; Aug. 17.
 Testing and filtering solutions. Simultaneously. R. H. Goodale. 2,314,336; Mar. 23.
 Testing and selecting system. W. H. T. Holden and L. G. Schimpf. 2,315,795; Apr. 6.
 Testing and weighing device. S. F. Mashbir and M. A. Weckerly. Re. 22,253; Jan. 19.
 Testing apparatus. J. L. Brubaker and F. J. Lengvins. 2,313,516; Mar. 9.
 Testing apparatus. H. T. Clark. 2,318,923; May 11.
 Testing apparatus. C. W. McCoy. 2,335,780; Nov. 30.
 Testing apparatus. H. Persson. 2,321,769; June 15.
 Testing apparatus for compressing resilient masses. H. W. Anway. 2,325,027; July 25.
 Testing apparatus for friability of varnish material. H. W. Anway. 2,321,127; July 13.
 Testing apparatus. Lead. R. Temple. 2,321,875; June 15.
 Testing apparatus, Vibration. L. C. Peskin. 2,336,956; Dec. 14.
 Testing circuit. G. Koehler. 2,307,319; Jan. 5.
 Testing device. J. J. Eagan. 2,317,263; Apr. 20.
 Testing device. J. S. Kopas. 2,327,194; Aug. 17.
 Testing device, Balance. S. W. Martin. 2,316,524; Apr. 13.
 Testing device for camera synchronizers. S. Mendelsohn and P. K. McGill. 2,332,587; Oct. 26.
 Testing device for use in the application of screw closures. A. F. Whitehead. 2,337,951; Dec. 28.
 Testing device. Friction and flexure. G. A. Lovell. 2,318,506; May 4.
 Testing equipment. H. Z. Gora. 2,319,501; May 18.
 Testing equipment, Materials. R. F. Blanks. 2,317,093; Apr. 20.
 Testing eyes. J. F. Neumueller. 2,326,965; Aug. 17.
 Testing instrument, Hardness. D. F. Clifton. 2,335,235; Nov. 30.
 Testing machine. G. C. Holloway, by J. G. Holloway, and F. T. May. 2,315,287; Mar. 30.
 Testing machine. J. S. Kopas. 2,311,055; Feb. 16.
 Testing machine for motor vehicles, Brake. H. Wochner. 2,323,887; July 13.
 Testing machine, Hardness. W. D. Wallace. 2,321,717; June 15.
 Testing method and apparatus, Nondestructive. R. T. Cloud. 2,337,231; Dec. 21.
 Testing press. D. Cross. 2,329,035; Sept. 7.
 Testing press. W. Ernst and I. B. Lawyer. 2,326,345; Aug. 10.
 Testing subterranean strata for liquid and gaseous content. L. A. Douglas. 2,315,694; Apr. 6.
 Testing system. E. T. Burton. 2,309,044; Jan. 19.
 Testing system. J. N. Relfe. 2,327,458; Aug. 24.
 Testing the fatibility of hatters' fur. J. D. Sartakoff. 2,326,974; Aug. 17.
 Tests and antigen, Syphilis. L. Y. Mazzini. 2,334,036; Nov. 16.
 Tetraacetals of glyoxal with glycol monoethers and making them. I. G. MacDowell and R. W. McNamee. 2,321,094; June 8.
 Tetra-carboxylic di-anhydrides, Preparation of. L. W. Butz. 2,329,979; Sept. 21.
 Tetra-cyclic compounds and making same. L. Ruzicka and M. W. Goldberg. 2,324,881; July 20.
 Tetra-cyclic compounds and making same. L. Ruzicka and M. W. Goldberg. 2,334,291; Nov. 16.
 Tetraethyl lead, Producing. I. C. Nourse. 2,310,806; Feb. 9.
 Tetrahydro benzothiazole. P. C. Jones. 2,316,250; Apr. 13.
 Tetra hydroxyphenyl alkanes, Producing. J. B. Niederl. 2,333,548; Nov. 2.
 Tetrasodium pyrophosphate composition and making same. R. J. Kepfer. 2,326,949; Aug. 17.
 Textile and like product. D. Finlayson. 2,319,312; May 18.
 Textile and similar materials, Cleaning. J. W. Chamberlin. Re. 22,375; Sept. 14.
 Textile article, Convertible. E. H. Wallin. 2,317,834; Apr. 27.
 Textile core. E. L. Perry. 2,327,738; Aug. 24.
 Textile crinkler. I. V. Hitt. 2,311,174; Feb. 16.
 Textile disintegrating machine. F. A. von Osten. 2,331,943; Oct. 19.
 Textile drying apparatus. G. T. King. 2,309,961; Feb. 2.
 Textile equipment. C. Braglio. 2,307,354; Jan. 5.
 Textile fabric. G. Bloch. 2,329,452; Sept. 14.
 Textile fabrics, Finishing. W. C. Magill. 2,312,348; Mar. 2.
 Textile fiber and producing. J. G. Little. 2,331,840; Oct. 12.
 Textile fiber, Treating. M. Engelmann and J. Pikel. 2,313,742; Mar. 16.
 Textile fiber, Treatment of. O. C. Bacon. 2,327,160; Aug. 17.
 Textile finish, Stabilized. H. W. Stiegler and J. M. Hood. 2,331,579; Oct. 12.
 Textile finishing. D. W. Light, T. F. Bradley, and A. D. Nute. 2,334,107; Nov. 9.
 Textile ironing press. E. Davis. 2,326,015; Aug. 3.
 Textile machinery. C. L. Huffman. 2,333,377; Nov. 2.
 Textile manufacture. E. J. Abbott. 2,323,300; July 6.
 Textile material. A. Doser, O. Bayer and K. Hintzmann. 2,310,057; Apr. 6.
 Textile material and making. A. Unger. 2,323,833; Oct. 26.
 Textile material, Producing water repellent. O. Edelstein. 2,323,387; July 6.
 Textile material, Treatment of. W. G. Cameron and T. H. Morton. 2,318,464; May 4.
 Textile materials and the like, Manufacture of artificial. H. Dreyfus. 2,335,922; Dec. 7.
 Textile materials and the material thus obtained, Process of impregnating. H. Bestian and G. von Pinck. 2,314,908; Mar. 30.
 Textile materials, Fireproofing. W. I. Taylor, H. C. Olpin, and K. R. House. 2,330,251; Sept. 28.
 Textile materials, Improving the wear resistance of. R. March and W. H. Roscoe. 2,337,393; Dec. 21.
 Textile materials, Manufacture of. G. Schneider. 2,321,108; June 8.
 Textile materials, Treating. H. Y. Jennings. 2,334,199; Nov. 16.
 Textile materials water repellent, Rendering. A. Doser, O. Bayer and K. Hintzmann. 2,328,431; Aug. 31.
 Textile printing apparatus. S. B. Stafford. 2,315,459; Mar. 30.
 Textile printing apparatus for printing one or both sides of fabrics. J. H. Coogan. 2,318,374; May 4.
 Textile printing composition and printing therewith. A. E. Gessler and R. A. Pizzarello. 2,309,946; Feb. 2.
 Textile printing emulsions, Method and composition for producing. N. S. Cassel. 2,330,012; Feb. 2.
 Textile printing machine. G. W. Darenberg, and D. Shea. 2,320,269; May 25.
 Textile printing paste. B. H. Little. 2,308,763; Jan. 19.
 Textile printing with emulsion containing dyestuff reactant. W. B. Reynolds and S. A. Scully. 2,309,982; Feb. 2.
 Textile product and making the same. C. S. Francis, Jr. 2,313,958; Mar. 9.
 Textile spindle. C. E. Buote. 2,336,593; Dec. 14.
 Textile threads, Treatment of. H. M. Averns and W. Bridge. 2,335,770; Nov. 30.
 Textile treating apparatus. E. J. Berger and H. W. Matthews. 2,321,452; June 8.
 Textile treating chemical and making it. J. B. Rust. 2,333,623; Nov. 2.
 Textile treating method. J. E. Smith. 2,332,817; Oct. 26.
 Textile treating process. D. J. Campbell and F. Le Roy Fennell. 2,334,066; Nov. 9.
 Textile treating process. J. B. Rust. 2,315,135; Mar. 30.
 Textile treatment. W. J. Burke, R. W. Maxwell, and P. S. Pinkney. 2,311,027; Feb. 16.
 Textile treatment. P. S. Pinkney. 2,311,080; Feb. 16.
 Textile wetting and softening baths. M. Weisberg and L. Corman. 2,334,852; Nov. 23.
 Textile yarns, Manufacture of. A. S. Hunter. 2,328,074; Aug. 31.
 Textiles and compositions therefor, Treating. C. O. Henke and W. H. Lockwood. 2,334,764; Nov. 23.
 Textiles and the products produced, Making and treating. C. S. Francis, Jr. 2,319,809; May 25.
 Textiles, Coloring and decorating. N. S. Cassel. 2,317,359; Apr. 27.
 Textiles, Discharge printing of. G. W. Seymour and G. C. Ward. 2,322,322-3; June 22.
 Textiles, Manufacture of mixed. G. I. Thurmond, J. W. Jackson, and E. Brenner. 2,318,544; May 4.
 Textiles, Mating of. A. Landolt. 2,309,964; Feb. 2.
 Textiles, Method of finishing. W. W. Trowell. 2,317,499; Apr. 27.
 Textiles, Producing water repellent synthetic. E. Walzmenn. 2,335,980; Dec. 7.
 Textiles, Removing impurities from washed. E. Wolter. 2,316,379; Apr. 13.
 Textiles, Sizing synthetic linear polyamide. J. E. Bristol. 2,317,723; Apr. 27.
 Textiles, Treating. C. F. Dulken. 2,315,405; Mar. 30.
 Textiles, Treating. R. N. Wallach. 2,319,834; May 25.
 Theater, Motion picture. J. H. Owens. 2,334,351; Nov. 16.
 Theater seats, Illumination of. H. E. Millson. 2,308,423; Feb. 12.
 Theater sound system. A. Le R. Upton. 2,328,369; Aug. 31.
 Theft prevention device. H. Jaffa. 2,316,695; Apr. 13.
 Theftproof closure. J. A. Roberts. 2,313,266; Mar. 9.
 Theftproof meter cover. R. H. Lewis. 2,313,881; Mar. 9.
 Thermo fender. W. O. Messner. 2,324,315; July 13.
 Therapeutic appliance. C. E. Sanders. 2,318,883; May 11.
 Therapeutic app. H. J. Marlowe. 2,311,899; Feb. 23.
 Therapeutic device. J. Seikowitz. 2,332,402; Oct. 19.
 Therapeutic device. P. F. Tunke. 2,313,282; Mar. 9.

- Therapeutic lamp. M. Furedy. 2,327,346; Aug. 24.
 Therapeutic machine. F. E. Hall. 2,319,542; May 18.
 Therapeutic pectous product. A. G. Olsen and T. M. Rector. 2,333,950; Nov. 9.
 Therapeutic preparation comprising metal and metalloid compounds of thiamin. S. L. Kuskin. 2,338,062; Dec. 28.
 Therapeutic product and making it. U. J. Thuau. 2,326,578; Aug. 10.
 Therapeutic vibrator and massage device. W. L. Wettlaufer. 2,307,554; Jan. 5.
 Therapeutically active substances. Preparing. R. T. Major and H. T. Bonnett. 2,322,375; June 22.
 Therapeutically valuable alcohols from germinal gland hormones. Producing. F. Hildebrandt. 2,330,215; Sept. 28.
 Therapeutically valuable compounds and producing same. M. Dohren and P. Diedrich. 2,323,651; July 6.
 Therapy apparatus. A. G. Babo and H. C. Mettler. 2,333,760; Nov. 9.
 Therapy. Tree. F. L. Howard and N. E. Caroselli. 2,334,556; Nov. 16.
 Thermal and electromagnetic switch opening mechanism. E. H. Taylor. 2,308,401; Jan. 12.
 Thermal attaching machine. H. Johnston. 2,322,298; June 22.
 Thermal control adjuster. J. L. Breese. 2,332,556; Oct. 26.
 Thermal control for electric circuit. R. R. Kernen. 2,318,872; Apr. 20.
 Thermal control switch. H. W. Birk. 2,307,356; Jan. 5.
 Thermal demand meter. T. D. Barnes. 2,333,509; Nov. 2.
 Thermal demand meter. P. M. Lincoln. 2,331,333; Oct. 12.
 Thermal demand meter. B. H. Smith. 2,323,732; July 6.
 Thermal demand meter. H. P. Vassar. 2,323,738; July 6.
 Thermal element. J. Ottmar. 2,329,131; Sept. 7.
 Thermal insulation. C. C. Heritage. 2,325,055; July 27.
 Thermal insulation. W. B. Jones. 2,313,345; Mar. 9.
 Thermal light switch. K. A. Winborne and R. L. Coultrip. 2,312,948; Mar. 2.
 Thermal operator. W. A. Ray. 2,324,647; July 20.
 Thermal relay for fluorescent lamps. H. J. McCarthy. 2,326,154; Aug. 10.
 Thermal relay switch. E. J. Leuthold. 2,308,522; Jan. 19.
 Thermal responsive device. C. Hotchkiss. 2,313,072; Mar. 9.
 Thermal stoker timer. E. K. Seoggin. 2,331,737; Oct. 12.
 Thermal switch. B. N. Clack. 2,324,906-7; July 20.
 Thermal switch. L. R. Peters. 2,329,134; Sept. 7.
 Thermal switch and relay. J. Schmidinger. 2,333,125; Nov. 2.
 Thermal testing apparatus. H. P. Kuehnl. 2,323,715; July 6.
 Thermal testing apparatus. H. P. Kuehnl. 2,330,599; Sept. 28.
 Thermal time delay relay. R. C. Winans. 2,311,801; Feb. 23.
 Thermal timer for automatic toasters. J. R. Gomersall. 2,315,327; Mar. 30.
 Thermally operated electric switch. J. E. Sherlock and F. E. Martin-Hurst. 2,320,895; June 1.
 Thermally responsive device. F. B. Fillo. 2,331,161; Oct. 12.
 Thermal syphon. G. J. Christenson. 2,321,362; June 8.
 Thermic telltale. H. L. Hexamer. 2,331,777; Oct. 12.
 Thermionic valve circuit. J. Hardwick. 2,307,218; Jan. 5.
 Thermocouple. A. T. Ball, Jr. 2,317,168; Apr. 20.
 Thermocouple assembly. R. O. Thomas. 2,311,886; Feb. 23.
 Thermocouple element. L. R. van Wert. 2,330,018; Sept. 21.
 Thermocouple measuring instrument. F. S. Stickney and R. C. Hitchcock. 2,333,596; Nov. 2.
 Thermocouple structure. W. A. Ray. 2,335,358; Nov. 30.
 Thermodynamic device. M. W. and P. F. Gieskieng. 2,335,005; Nov. 23.
 Thermoelectric apparatus for heating compounds used for dental impressions. J. M. Ribas. 2,316,287; Apr. 13.
 Thermoelectric cell. R. H. Deysher. 2,310,354; Feb. 9.
 Thermoelectric device. W. A. Ray. 2,337,000; Dec. 14.
 Thermoelectric generator. W. A. Ray. 2,307,956; Jan. 12.
 Thermoelectric indicator. J. I. Liner. 2,313,649; Mar. 9.
 Thermograph, Portable. M. B. de Bengoa. 2,314,925; Mar. 30.
 Thermohydrometer. L. Edelmann. 2,323,386; July 6.
 Thermohydrometer. L. Edelmann. 2,331,542; Oct. 12.
 Thermometer. S. S. Baker. 2,329,685; Sept. 21.
 Thermometer. H. B. Brown. 2,321,181; June 8.
 Thermometer. L. E. R. V. Edwards, R. E. Tarring, and A. A. Weiss. 2,316,677; Apr. 13.
 Thermometer. G. E. Ford. 2,315,779; Apr. 6.
 Thermometer. E. C. Hartman. 2,327,037; Aug. 17.
 Thermometer. J. L. Schwartz. 2,320,753; June 1.
 Thermometer. R. C. Wappner and F. M. Osborne. 2,313,688; Mar. 9.
 Thermometer bulb mounting. E. H. Hart. 2,326,217; Aug. 10.
 Thermometer case. A. C. Bruns. 2,312,873; Mar. 2.
 Thermometer construction. G. R. Worner. 2,320,993; June 8.
 Thermometer, Expansion. W. Neuse. 2,316,611; Apr. 13.
 Thermometer, Resistance. F. G. Kelly. 2,307,626; Jan. 5.
 Thermometric method and apparatus for exploration of bore holes. J. J. Jakosky. 2,311,757; Feb. 23.
 Thermophore mixtures. Method and apparatus for handling. C. P. Baker. 2,337,519; Dec. 21.
 Thermopile. F. R. Higley. 2,310,026; Feb. 2.
 Thermoplastic adhesive composition. de F. Lott, H. Grinsfelder, and E. G. Hamway. 2,325,963; Aug. 3.
 Thermoplastic lignocellulosic product and making the same. A. W. Schorger. 2,319,951-2; May 25.
 Thermoplastic materials and resulting product. Treating. D. O. Ford. 2,314,975; Mar. 30.
 Thermoplastic sheet material. S. P. Lovell. 2,329,207; Sept. 14.
 Thermoplastic stiffener. R. S. Ritchie. 2,331,095; Oct. 5.
 Thermoresponsive device. J. R. Campbell. 2,310,934; Feb. 16.
 Thermoresponsive device. H. C. Grant, Jr. 2,318,607; May 11.
 Thermosetting aminotriazine-formaldehyde condensation product. G. F. D'Alieio. 2,315,401; Mar. 30.
 Thermosetting compositions. Making moldable. H. M. Dent, S. H. Hall, and L. A. Sontag. 2,309,342; Jan. 26.
 Thermostat. F. B. Fillo. 2,332,212; Oct. 19.
 Thermostat. W. B. Griffith. 2,318,480; May 4.
 Thermostat. G. I. Holmes. 2,309,193; Jan. 26.
 Thermostat. F. D. Joesting. 2,326,226; Aug. 10.
 Thermostat. L. J. Koci. 2,332,518; Oct. 26.
 Thermostat. P. R. Lee. 2,320,873; June 1.
 Thermostat. P. R. Lee. 2,331,202; Oct. 5.
 Thermostat. H. D. Matthews. 2,336,408; Dec. 7.
 Thermostat. W. A. Ray. 2,314,599; Mar. 23.
 Thermostat. S. I. Russell. 2,331,425; Oct. 12.
 Thermostat. B. E. Shaw. 2,319,563; May 18.
 Thermostat. W. Van Guilder. 2,315,197; July 27.
 Thermostat, Adjustable. H. Ulanet. 2,321,338; June 8.
 Thermostat, Adjustable automobile. J. V. Giesler. 2,336,858; Dec. 14.
 Thermostat and method of manufacturing the same. V. G. Vaughan. 2,317,830; Apr. 27.
 Thermostat, Clock. A. G. McNicoll. 2,312,842; Mar. 2.
 Thermostat control, Cyclic. G. D. Bower. 2,323,370; July 6.
 Thermostat, Heating pad. L. M. Howard. 2,328,342; Aug. 31.
 Thermostat structure. K. B. Dafforn. 2,317,033; Apr. 20.
 Thermostatic alarm for hot bearings. W. Kagan. 2,312,099; Feb. 23.
 Thermostatic and like unit. C. A. Otto. 2,312,671; Mar. 2.
 Thermostatic control. R. J. Dougherty. 2,327,582; Aug. 24.
 Thermostatic control device. E. J. Dillman. 2,326,096; Aug. 3.
 Thermostatic control device. H. S. Mills and L. P. Traxel. 2,309,132; Jan. 26.
 Thermostatic control for pot type burners. M. L. Mueller and G. R. Neumann. 2,331,219; Oct. 5.
 Thermostatic control means. J. C. English. 2,308,272; Jan. 12.
 Thermostatic control system. B. E. Shaw. 2,334,447; Nov. 16.
 Thermostatic controls for machine tools. L. D. Tyson. 2,312,291; Feb. 23.
 Thermostatic cooling controls. L. D. Tyson. 2,312,292; Feb. 23.
 Thermostatic device. V. G. Vaughan and J. D. Bolesky. 2,317,831; Apr. 27.
 Thermostatic element. H. D. Matthews. 2,314,412; Mar. 23.
 Thermostatic float valve adjustment. B. Hayter. 2,336,730; Dec. 14.
 Thermostatic fluid mixing device. J. Eaton. 2,332,995; Oct. 26.
 Thermostatic mixing valve. J. F. Hultman. 2,335,761; Nov. 30.
 Thermostatic protective circuit. V. G. Vaughan. 2,320,252; May 25.
 Thermostatic switch. A. D. Keene. 2,310,791; Feb. 9.
 Thermostatic switch. P. R. Lee. 2,333,536; Nov. 2.
 Thermostatic switch. J.-L. Reutter. 2,335,886; Dec. 7.
 Thermostatic switch. S. Ruben. 2,336,504; Dec. 14.
 Thermostatic switch. N. J. Smith. 2,307,867; Jan. 12.
 Thermostatic switch. W. J. Turenne. 2,317,828; Apr. 27.
 Thermostatic unit and connection for electric irons. F. Kuhn and L. H. Thomas. 2,328,152; Aug. 31.
 Thermostatically controlled air inlet for stoves. J. C. Barnes. 2,309,295; Jan. 26.

- Thermostatically controlled gas valve. W. E. Jenkins. 2,322,521; June 22.
- Thiamin containing compositions and their production. I. Atkin, A. S. Schultz and C. N. Frey. 2,322,270; June 22.
- Thiamine derivatives. Preparation of. L. R. Cerecedo and J. G. Tolpin. 2,334,067; Nov. 9.
- Thickness shrinkage controlled die assembly. C. V. Smith. 2,332,051; Oct. 26.
- Thimble. W. H. Mohr. 2,322,869; June 29.
- Thimble. F. Sisk. 2,337,689; Dec. 28.
- Thin charge transfer. H. E. Carlson. 2,337,542; Dec. 28.
- Thin films upon glass surfaces. Formation of. P. W. French. 2,337,460; Dec. 21.
- Thin sheeting. Nondeforming. G. F. Nadeau and E. H. Hilborn. 2,331,715; Oct. 12.
- Thinning device. Cotton. H. C. Tyler and J. H. McElroy. 2,307,310; Jan. 5.
- Thioaniline. Preparation of. L. C. Holt. 2,330,714; Sept. 28.
- Thiocarbonates of aromatic polyhydroxy compounds. G. Werner. 2,332,418; Oct. 19.
- Thiocyanates. Manufacture of. L. B. Smith. 2,313,680; Mar. 9.
- Thionitrites. Stabilizing organic. C. S. Crandall, R. S. George and E. M. Nygaard. 2,328,709-10-11; Sept. 7.
- Thiophene. Production of. M. H. M. Arnold. 2,336,916; Dec. 14.
- Thiourea. Manufacture of. F. J. Gajewski. 2,337,882; Dec. 28.
- Thiuram sulphides. A. Tomlin. 2,326,984; Aug. 17.
- Thorium from substances containing thorium and iron. Recovering. P. Schaller, E. Froelcke, K. Meyer, O. Reuben, and R. Lubon. 2,330,750; Sept. 28.
- Thread. G. R. Beebe and A. W. Koon. 2,331,955; Oct. 19.
- Thread carrier bar. K. P. Tucherer, J. E. Kunze and R. O. Harnack. 2,308,661; Jan. 19.
- Thread control for weft replenishing looms. R. G. Turner. 2,336,320; Dec. 7.
- Thread control means. A. S. Riviere. 2,332,932; Oct. 26.
- Thread control mechanism. F. A. Kueera. 2,332,920-1; Oct. 26.
- Thread control on automatic loom. R. G. Turner. 2,331,854; Oct. 12.
- Thread-controlling device. R. Becker. 2,328,705; Sept. 7.
- Thread controlling mechanism for sewing machines. R. Becker. 2,325,905; Aug. 3.
- Thread-controlling mechanism for sewing machines. F. F. Zeler. 2,327,838; Aug. 24.
- Thread cutter for looms. C. R. Kronoff and A. Palmer. 2,315,341; Mar. 30.
- Thread cutting die. M. L. Burt. 2,333,462; Nov. 2.
- Thread cutting machine. M. E. Mitchell. 2,312,115; Feb. 23.
- Thread cutting mechanism. F. Nell. 2,309,862; Feb. 2.
- Thread cutting tool. S. J. Harley and J. E. Wainwright. 2,319,544; May 18.
- Thread cutting tool. D. Nelson. 2,325,627; Aug. 3.
- Thread from cellulose acetate. Production of curled. G. Ruffshauser. 2,326,174; Aug. 10.
- Thread guide. W. Brookshire. 2,307,664; Jan. 5.
- Thread guide for sewing machines. A. B. Clayton. 2,327,768; Aug. 24.
- Thread-guiding arrangement. R. Bouvet and W. L. Spann. 2,332,893; Oct. 26.
- Thread holder for looms. Pneumatic. R. G. Turner. 2,326,905; Aug. 17.
- Thread isolating device. S. S. C. Fleischer and J. J. Hansen. 2,313,195; Mar. 9.
- Thread lock. A. Boynton. 2,318,590; May 11.
- Thread lock. M. Kessler. 2,320,936; June 1.
- Thread. Manufacturing. S. W. Alderfer. 2,321,726; June 15.
- Thread or the like. Manufacture of. R. D. MacLaurin and P. H. Holm. 2,326,150; Aug. 10.
- Thread or the like. Manufacturing. R. F. Bergmann. 2,309,821; Feb. 2.
- Thread or the like. Method of and apparatus for controlling the shrinkage of. H. B. Kline, L. S. Fryer, and F. J. Samerdyke. 2,336,019; Dec. 7.
- Thread or the like. Treating. L. J. Jordan. 2,309,771; Feb. 2.
- Thread placer for weft replenishing looms. R. G. Turner. 2,336,321; Dec. 7.
- Thread polishing apparatus. G. R. Scott. 2,337,776; Dec. 28.
- Thread protector. T. R. Thoren and B. C. Bredenbeck. 2,329,165; Sept. 7.
- Thread protector nuts. W. Cox. 2,314,079; Mar. 16.
- Thread receiver and remover. R. Sinclair. 2,311,481; Feb. 16.
- Thread remover for weft replenishing looms. A. L. Joslin. 2,336,255; Dec. 7.
- Thread removing and disc cleaning mechanism. G. Weiss and L. Frank. 2,322,986; June 29.
- Thread-rolling die. H. C. Erdman. 2,321,375; June 8.
- Thread rolling dies. Making. H. C. Erdman. 2,324,143; July 13.
- Thread-severing device for sewing machines. J. P. Enos. 2,318,843; May 11.
- Thread. Sewing. J. S. Simpson. 2,332,020; Oct. 19.
- Thread supply device for shoe sewing machines. O. R. Haas. 2,326,852; Aug. 17.
- Thread tapping apparatus. R. H. Garbe and F. S. Vesley. 2,314,138; Mar. 16.
- Thread tensioning apparatus. F. Wholton. 2,331,261; Oct. 5.
- Thread tensioning device. F. Wholton. 2,326,714; Aug. 10.
- Thread tensioning mechanism. E. W. Howe and K. E. Wilhelm. 2,315,332; Mar. 30.
- Thread tensioning mechanism. K. E. Wilhelm. 2,315,304; Mar. 30.
- Thread tensioning mechanism for textile fabricating machines. A. Thost. 2,309,026; Jan. 19.
- Thread yarn feeder. J. Sirnay. 2,327,747; Aug. 24.
- Threaded locking device. R. W. Luce. 2,321,497; June 8.
- Threading and tension mechanism. Shuttle. L. Pavla. 2,334,949; July 20.
- Threading and turning machine. Hydraulically operated combined. S. W. Mathias. 2,318,177; May 4.
- Threading block for loom shuttles. R. C. Draper and C. D. Brown. 2,314,485; Mar. 23.
- Threading device. J. P. Bird and F. B. Schaffer. 2,323,970; July 13.
- Threading device. G. E. Stoltz. 2,331,246; Oct. 5.
- Threading machine. J. M. Hotherhall. 2,327,428; Aug. 24.
- Threading machine. Step. W. F. Groene and H. J. Siekmann. 2,317,099; Apr. 20.
- Threading mechanism for motion picture apparatus. H. N. Fairbanks and R. W. Wallace. 2,327,776; Aug. 24.
- Threads. Manufacture of rubber. A. R. Brosi. 2,333,699; Dec. 28.
- Threads. Sealing and locking. A. L. Parker. 2,321,414; June 8.
- 3-nitro-4-amino anisol. Manufacture of. R. A. Pizzarello. 2,325,707; Aug. 3.
- 3-picoline, 4-picoline, and 2,6-lutidine. Separating. F. E. Cislak and E. A. Karnatz. 2,335,823; Nov. 30.
- Thresh and mill for crushing sugar cane and the like. J. D. Compain. 2,316,843; Apr. 20.
- Three-stage control. Self-adjusting. J. L. Breese. 2,329,820; Sept. 21.
- 3,3-dihalogenoxindoles. J. Haller. 2,335,273; Nov. 30.
- Throttle valve. J. E. Dubé. 2,335,923; Dec. 7.
- Throttle. A. E. W. Johnson. 2,308,367; Jan. 12.
- Thresher. L. P. Millard and S. D. Pool. 2,331,944; Nov. 23.
- Threshing machine. P. P. Baker. 2,315,385; Mar. 30.
- Threshing machine. R. T. Beckmann. 2,318,661; May 11.
- Threshing mechanism. L. A. Paradise. 2,327,287; Aug. 17.
- Throttle. F. C. Binnall. 2,334,686; Nov. 16.
- Throttle actuating device. G. A. Rubisow. 2,310,551; Feb. 9.
- Throttle. Blower automatic. N. C. Price. 2,324,236; July 13.
- Throttle brake control mechanism. S. R. Hemphill. 2,325,771; Aug. 3.
- Throttle control. T. M. Ball. 2,314,570; Mar. 23.
- Throttle control for internal combustion engines. F. C. Mock. 2,322,195; June 15.
- Throttle controller for automotive vehicles. M. F. Duffy. 2,332,081; Oct. 19.
- Throttle. Nonclog. F. C. Mock. 2,328,736; Sept. 7.
- Throttle valve. L. A. Camerota. 2,324,360; July 13.
- Throttling regulator. V. O. Beam. 2,314,266; Mar. 16.
- Thrust balancing apparatus. E. F. Miller. 2,333,031; Oct. 26.
- Thrust bearing. H. M. Austin. 2,337,795; Dec. 28.
- Thrust bearing. O. D. H. Bentley. 2,319,913; May 25.
- Thrust bearing. L. M. Tichvinsky. 2,318,114; May 4.
- Thrust bearing arrangement. D. E. Irons. 2,325,404; July 28.
- Thrust bearing assembly. J. A. Zublin. 2,325,459; July 27.
- Thrust-bearing means. A. C. Hagg. 2,320,927; June 1.
- Thrust mechanism. E. Svendsen. 2,310,473; Feb. 9.
- Thyrotropic hormone and producing the same. Preparation of. H. Maier-Hüser and K. Junkmann. 2,331,334; Oct. 12.
- Thyrite protective device. G. L. Usselman. 2,320,958; June 1.
- Thyroprotein and making the same. C. W. Turner and E. P. Reineke. 2,329,445; Sept. 14.
- Ticket. J. A. Keller. 2,309,398; Jan. 26.
- Ticket and ticket holding device. G. H. Taylor. 2,331,086; Oct. 5.
- Ticket container for milk bottles. G. Clark. 2,314,607; Mar. 23.
- Ticket issuing machine. R. H. Helsel. 2,309,191; Jan. 27.
- Ticket issuing machine. R. H. Helsel. 2,325,054; July 27.
- Ticket machine. C. Dodge. 2,321,545; June 8.
- Ticket printer. W. J. Zenger. 2,309,688; Feb. 2.
- Ticket tube terminal. W. L. Weigle. 2,311,795; Feb. 23.
- Ticketing system. Automatic toll. A. J. Busch. 2,337,642; Dec. 28.
- Ticketing system. Automatic toll. L. J. Scott. 2,327,466; Aug. 24.

- Tieback holder. M. M. M. Davitt and J. E. M. Wendell. 2,310,842; Feb. 9.
- Tie bar. T. W. Deusch. 2,312,081; Feb. 23.
- Tie fabric and lining, assembling and sewing. M. M. Newman. 2,337,919; Dec. 28.
- Tie for concrete forms. W. H. Jenkins. 2,320,869; June 1.
- Tie for newspapers and the like. W. Zimmermann. 2,317,507; Apr. 27.
- Tie plate and spike assembly. P. T. Black. 2,317,435; Apr. 27.
- Tie puller. J. C. Mushet. 2,328,737; Sept. 7.
- Tie puller. E. C. Neal. 2,322,768; June 29.
- Tie puller. P. Ruggeri. 2,317,806; Apr. 27.
- Tie stitch mechanism. W. R. Spiller. 2,317,308; Apr. 20.
- Tie Wall form. P. Montesana and A. Giordano. 2,329,550; Sept. 14.
- Tying device. C. W. Scott. 2,334,728; Nov. 23.
- Tying mechanism. H. Harvey. 2,307,219; Jan. 5.
- Tile, Building. W. G. Demarest. 2,316,310; Apr. 13.
- Tie-butting machine. R. A. Kuehner. 2,329,378; Sept. 14.
- Tile Coping. J. H. Phillips. 2,324,643; July 20.
- Tile flooring. Wood. A. Elmendorf. 2,337,156; Dec. 21.
- Tile, Photographic glass. B. A. Bollinger. 2,329,384; Sept. 14.
- Tie sagger unloading apparatus. W. O. Benning. 2,307,194; Jan. 5.
- Tile Wall. C. D. Pauli, Jr. 2,323,417; July 6.
- Tiller, Rotary. L. A. Wittrock. 2,317,841; Apr. 27.
- Tiltable seat. A. Rueger. 2,313,023; Mar. 2.
- Tilting table. E. T. Peterson. 2,334,026; Nov. 9.
- Timber tie. J. J. Veteran. 2,328,867; Sept. 7.
- Time-break circuit. O. S. Petty. 2,331,627; Oct. 12.
- Time clock, Universal. T. P. Conlon. 2,312,236; Feb. 23.
- Time control apparatus. G. D. Stahl. 2,314,906; Mar. 30.
- Time control for radios, Automatic. C. R. Boemle. 2,309,040; Jan. 19.
- Time controlled mechanism. J. A. L. Deters. 2,335,919; Dec. 7.
- Time controlled system. R. L. Lorenz, E. S. Ostler, and A. L. Denniston. 2,332,828; Oct. 26.
- Time delay apparatus. A. L. Hopper. 2,327,791; Aug. 24.
- Time delay device. F. H. Winter. 2,336,908; Dec. 14.
- Time delay glow switch. R. F. Hays, Jr. 2,321,910; June 15.
- Time delay mechanism. T. J. Mudon. 2,317,078; Apr. 20.
- Time delay relay. H. K. Kouyoumjian. 2,308,660; Jan. 19.
- Time delay relay. O. W. Livingston. 2,337,905; Dec. 28.
- Time delayed reduced voltage control circuit. A. K. Wolfe. 2,307,315; Jan. 5.
- Time-delayed undervoltage tripping-mechanism for circuit breakers. J. W. May. 2,310,102; Feb. 2.
- Time fuse for projectiles. F. Delay. 2,325,749; Aug. 3.
- Time indicating system. O. H. Dicke. 2,331,267; Oct. 5.
- Time Intermitter. C. M. O'Leary. 2,328,841; Sept. 7.
- Timekeeper. G. V. G. Cusin. 2,312,391; Mar. 2.
- Time measuring indicator. O. Hollender. 2,325,312; July 27.
- Time measuring instrument. F. L. Eldmann and G. C. Linsel. 2,307,999; Jan. 12.
- Time piece with chronograph. P. Pfister. 2,325,539; July 27.
- Time recorder. F. Q. Rast. 2,335,964; Dec. 7.
- Time recorder, Electrically operated workman's. A. Ruttiman and H. N. Deane. 2,330,387; Sept. 28.
- Time switch. H. C. Hall. 2,313,064; Mar. 9.
- Time switch. A. G. Kalaydjian. 2,310,090; Feb. 2.
- Time switch. M. Schlenker. 2,312,492; Mar. 2.
- Time switch. T. G. Tigerstedt. 2,331,639; Oct. 12.
- Time switch. L. A. Williams. 2,337,515; Dec. 21.
- Timer for electrical systems. T. R. Arden. 2,317,969; Feb. 1.
- Timer, Impulse. A. J. Kizaur. 2,325,860; Aug. 3.
- Timer, Interval. E. D. Coos. 2,332,300; Oct. 19.
- Timer, Interval. I. V. Abadijoff. 2,308,037; Jan. 12.
- Timer, Process. G. P. Cowles. 2,312,077; Feb. 23.
- Timing apparatus. M. R. Thoma. 2,321,876; June 15.
- Timing apparatus for clocks and watches. T. B. Gibbs. 2,329,416; Sept. 28.
- Timing arrangement. B. F. Lewis. 2,317,783; Apr. 27.
- Timing control system. C. J. Collom. 2,333,363; Nov. 2.
- Timing control system. G. E. Undy. 2,319,524; May 18.
- Timing device. H. S. Beal. 2,335,032; Nov. 30.
- Timing device. G. I. Holmes. 2,329,614; Sept. 14.
- Timing device. P. D. Nielsen. 2,336,563; Dec. 14.
- Timing device. M. H. Rhodes. 2,316,364; Apr. 13.
- Timing device. E. Shipton. 2,336,897; Dec. 14.
- Timing device and welding system. G. C. Holloway. 2,330,055; Sept. 21.
- Timing device for electric current. L. R. Calvert. 2,319,385; May 18.
- Timing device for power transmission systems. H. F. Winters. 2,326,184; Aug. 10.
- Timing device for roll changing apparatus or the like. A. J. Cline. 2,311,626; Feb. 23.
- Timing device for script reading. W. S. Peervy. 2,337,021; Dec. 28.
- Timing device, Fuel injector. F. Alward. 2,331,156; Oct. 5.
- Timing device, Ignition. C. Colvin. 2,317,885; Apr. 27.
- Timing mechanism. C. L. Anderson. 2,329,447; Sept. 14.
- Timing mechanism. W. D. Halloran. 2,313,065; Mar. 9.
- Timing mechanism. S. C. Holston and R. Duckering. 2,328,905; Sept. 7.
- Timing mechanism. A. R. Hutt. 2,310,527; Feb. 9.
- Timing mechanism. G. E. Meredith and C. W. Davis. 2,308,705; Jan. 19.
- Timing mechanism for the purpose of tripping circuit breakers or switches, Current differentiated. B. O. Watkins. 2,319,279; May 18.
- Timing mechanism, Thermal. R. Sardeson. 2,332,171; Oct. 19.
- Timing system. H. D. Belock. 2,318,450; May 4.
- Timing system. C. E. Smith and S. J. Murcek. 2,329,090; Sept. 7.
- Tin can container. S. Musher. 2,316,804; Apr. 20.
- Tin naphthalene, Manufacture of. D. E. Bowers. 2,311,310; Feb. 16.
- Tin, Recovering. J. O. Betterton, Y. E. Lebedeff, and A. E. Hall. 2,329,816-7; Sept. 21.
- Tin surfaces and producing the same, Stain and corrosion resistant. F. E. Rath. 2,327,127; Aug. 17.
- Tin, Treating. W. O. Cook and H. E. Romine. 2,312,076; Feb. 23.
- Tin Vacuum-pack canning. E. P. Bugge. 2,333,841; Nov. 9.
- Tine mounting. M. S. Ariens. 2,309,157; Jan. 26.
- Tinsel cord. L. E. Gavitt. 2,313,234; Mar. 9.
- Tip for fishing rods, Roller. C. W. Berry. 2,324,353; July 13.
- Tippling mechanism. L. W. Wachter. 2,314,531; Mar. 25.
- Tire. V. B. Gay. 2,310,776; Feb. 9.
- Tire. W. W. McMahan. 2,331,795; Oct. 12.
- Tire air pressure gauge. I. D. Fenwick. 2,329,039; Sept. 7.
- Tire and luggage compartment for vehicle bodies, Spare. C. P. Pond. 2,321,239; June 8.
- Tire and tire rim. A. C. Weston. 2,338,066; Dec. 28.
- Tire assembly, Balanced. J. A. Purvis. 2,311,999; Feb. 23.
- Tire assembly, Water expelling. A. D. Steidinger. 2,307,429; Jan. 5.
- Tire balancing apparatus. R. D. Hulslander. 2,308,950; Jan. 19.
- Tire bead aligner. E. A. Glynn. 2,308,602; Jan. 19.
- Tire buffing apparatus. L. E. Terry. 2,333,599; Nov. 2.
- Tire building apparatus. E. Miller. 2,320,190; May 25.
- Tire-building apparatus. F. J. Shook. 2,316,369; Apr. 13.
- Tire carrier. C. W. Gildea and J. A. Hausmann. 2,325,848; Aug. 3.
- Tire carrier for the cover of an automobile luggage compartment. O. W. Ehlers. 2,320,856; June 1.
- Tire chain. W. A. Pool. 2,310,807; Feb. 9.
- Tire chain. W. R. Royer. 2,316,718; Apr. 13.
- Tire chain and its application. W. R. Royer. 2,311,621; Feb. 16.
- Tire chain applying tool. E. L. Kibler. 2,323,917; July 13.
- Tire chain applying tool. H. F. Murphy and T. J. Horton. 2,333,877; Nov. 9.
- Tire chain assembly. E. W. Carlson and C. H. Brainard. 2,326,618; Aug. 10.
- Tire chain tool. W. R. Royer. 2,328,680; Sept. 7.
- Tire, Easy riding. J. V. Martin. 2,331,212; Oct. 5.
- Tire, Emergency. L. F. Thompson. 2,331,581; Oct. 12.
- Tire filling means. W. W. McMahan. 2,320,042; May 25.
- Tire for vehicles, Resilient. W. A. Owen. 2,326,488; Aug. 10.
- Tire for vehicles, Spring. J. E. Griffith. 2,331,024; Oct. 5.
- Tire for wheels, Resilient. R. Yates. 2,323,761; July 6.
- Tire inflating valve. E. Payne. 2,323,237; June 29.
- Tire inflator, Dual. C. W. Parker. 2,317,636; Apr. 27.
- Tire iron. I. M. Taylor. 2,311,789; Feb. 23.
- Tire lighting apparatus, Emergency. A. Illiano. 2,325,403; July 27.
- Tire mold. J. E. Drennan. 2,319,447; May 18.
- Tire, Pneumatic. A. W. Bull. 2,322,505; June 22.
- Tire, Pneumatic. A. W. Bull, G. G. Havens, and J. F. Williams. 2,329,332; Sept. 14.
- Tire, Pneumatic. H. S. Howe. 2,317,912; Apr. 27.
- Tire, Pneumatic. C. J. Jahant. 2,331,323; Oct. 12.
- Tire pressure gauge or signal, Automatic. C. A. Krantz. 2,308,372; Jan. 12.
- Tire pressure indicating means. C. J. Krow. 2,313,247; Mar. 9.
- Tire pressure indicator. E. F. Schubert. 2,334,443; Nov. 16.
- Tire pressure indicator. C. O. Thorson. 2,309,025; Jan. 19.
- Tire pressure signal. E. F. Schubert. 2,316,461; Apr. 13.

- Tire remover. P. E. Passanante and F. Santagata. 2,319,155; May 11.
- Tire removing tool. H. J. Sauer. 2,316,023; Apr. 6.
- Tire removing tool. F. W. Schaff. 2,307,473; Jan. 5.
- Tire repairing apparatus. N. G. Hovlid. 2,318,779; May 11.
- Tire repairing mold. E. A. Glynn. 2,327,781; Aug. 24.
- Tire Resilient. H. F. Betke. 2,317,323; Apr. 20.
- Tire Resilient. A. Jensen and H. Spith. 2,320,331; May 25.
- Tire Resilient. H. McIntyre. 2,336,878; Dec. 14.
- Tire retreading mold. P. E. Hawkinson. 2,331,680; Oct. 12.
- Tire retreading molds. Producing. P. E. Hawkinson. 2,331,679; Oct. 12.
- Tire shaping apparatus. R. W. Allen. 2,324,986; July 20.
- Tire shaping apparatus and method. R. W. Allen. 2,308,957; Jan. 19.
- Tire spreader. C. E. Branick. 2,310,891; Feb. 9.
- Tire stripping vulcanizing press. L. E. Soderquist. 2,328,507; Aug. 31.
- Tire structure. Pneumatic. F. Kovacs. 2,308,467; Jan. 12.
- Tire supporting device. H. D. Saltzman. 2,323,846; July 6.
- Tire tool. G. F. Colley and N. S. Polindexter. 2,314,127; Mar. 16.
- Tire tool. H. J. Leidel. 2,326,234; Aug. 10.
- Tire tool. C. W. Martin. 2,317,072; Apr. 20.
- Tire tool. Olsen, H. C. 2,335,880; Nov. 9.
- Tire tread. C. F. O'Connell. 2,327,057; Aug. 17.
- Tire tread augmenting means. Pneumatic. W. G. Bennett. 2,322,412; June 22.
- Tire valve. H. Z. Gora. 2,311,748; Feb. 23.
- Tire valve. O. W. Hosking. 2,326,998; Aug. 17.
- Tire valve accessory. A. Zimmerman. 2,331,801; Nov. 23.
- Tire. Vehicle. W. S. Cohen. 2,324,906; July 20.
- Tire. Vehicle. W. I. Ginn. 2,331,260; Nov. 16.
- Tire vulcanizing apparatus. I. N. Herman. 2,320,778; June 1.
- Tire vulcanizing bag. O. J. Warman. 2,331,087; Oct. 5.
- Tire vulcanizing equipment. P. O. Chambers. 2,315,934; Apr. 6.
- Tire vulcanizing machine. L. G. Oren. 2,335,878; Dec. 7.
- Tires. Attachable side wall for. W. G. Daniel. 2,334,388; Nov. 16.
- Tires. Building of. J. C. Carlin. 2,332,987; Oct. 26.
- Tires. Fabric airless. P. C. Swoford. 2,317,864; Apr. 27.
- Tires. Filling. W. W. McMahon. 2,334,110; Nov. 9.
- Tires. Method of and apparatus for building. W. J. Breth. 2,313,035; Mar. 9.
- Tires to proper internal air pressure under load. Inflating pneumatic. G. C. Kratt, Jr. 2,313,156; Mar. 9.
- Tires. Treading. T. E. Boyle. 2,309,042; Jan. 19.
- Tissue booklet. Spectacle cleaning. H. T. Snyder. 2,325,999; Aug. 3.
- Tissue container. M. Lichter. 2,316,790; Apr. 20.
- Titanium carbide and similar materials. Purification of. C. C. Laughlin. 2,310,064; Feb. 16.
- Titanium compounds. Hydrolyzing. F. Von Bichowsky. 2,337,215; Dec. 21.
- Titanium dioxide. Production of. A. T. McFord and H. F. Saunders. 2,333,660; Nov. 9.
- Titanium oxide production. C. M. Olson. 2,319,824; May 25.
- Titanium oxide production. C. M. Olson. 2,331,496; Oct. 12.
- Titanium oxide. Production and use of hydrous. A. T. McFord and H. F. Saunders. 2,333,661; Nov. 9.
- Titanium pigment composition and making the same. S. P. Todd, H. F. Saunders, and F. C. Verduin. 2,326,182; Aug. 10.
- Titanium solution manufacture. L. R. G. Bousquet and D. W. Young. 2,313,615; Mar. 9.
- Titanium sulphate. Production of. L. R. G. Bousquet and M. J. Brooks. 2,327,166; Aug. 17.
- Titanium sulphate solutions. Treating. L. W. Ryan and W. J. Cauwenberg. 2,309,988; Feb. 2.
- Toaster. W. J. Russell. 2,320,951; June 1.
- Toaster. N. Schafnitz. 2,336,753; Dec. 14.
- Toaster. A. M. Young. 2,328,046; Aug. 31.
- Toaster, Automatic. P. J. McCullough. 2,336,696; Dec. 14.
- Toaster, Automatic bread. R. J. Anderson. 2,307,347; Jan. 5.
- Toaster, Automatic electric. B. G. Olving. 2,337,124; Dec. 21.
- Toaster-coated unit. J. W. Myers. 2,316,699; Apr. 13.
- Tobacco. T. H. Garber. 2,331,830; Oct. 12.
- Tobacco. Conditioning. R. D. Touton. 2,334,362; Nov. 16.
- Tobacco feed for cigarette machines. C. Arelt. 2,318,588; May 11.
- Tobacco feeding mechanism. J. P. Durning. 2,311,373; Feb. 16.
- Tobacco leaf puller. C. H. Weidman. 2,337,216; Dec. 21.
- Tobacco pipe. M. Andis. 2,329,578; Sept. 14.
- Tobacco pipe. E. M. Houx. 2,320,931; June 1.
- Tobacco pipe. J. T. Howdle. 2,314,982; Mar. 30.
- Tobacco pipe. K. F. J. Kirsten. 2,324,216; July 13.
- Tobacco pipe. E. G. Martin. 2,325,412; July 27.
- Tobacco processing. S. Musber. 2,310,538; Feb. 9.
- Tobacco smoking device. E. B. Helm. 2,316,162; Apr. 13.
- Tobacco supplying means for cigarette machines. C. F. Randolph. 2,310,460; Feb. 9.
- Tobacco, tea, or like leaf cutting machine. H. W. Lang-rish. 2,314,993; Mar. 20.
- Tobacco. Treating. J. Moser. 2,317,792; Apr. 27.
- Tobacco. Treatment of. J. M. Moseley and R. P. Hudson. 2,309,975; Feb. 2.
- Tobacco user's appliance. F. Dougherty. 2,314,303; Mar. 23.
- Toboggan. Laminated. H. N. Smith. 2,317,414; Apr. 27.
- Toboggan. Water. V. H. Hurt. 2,327,794; Aug. 24.
- Toenophorol. Purification or concentration of. J. G. Baxter. 2,317,353; Apr. 27.
- Toenophorol-like products. Preparation of. L. I. Smith. 2,331,849; Oct. 12.
- Toenophorol-like compounds. Production of. M. Tishler and C. C. Charnaud. 2,317,887; Feb. 23.
- Tool. Lasting machine and method. B. Jorgensen. 2,337,558; Dec. 28.
- Toggle C clamp. O. M. Kirilin. 2,325,613; Aug. 3.
- Toggle catch for boxes. H. D. Greenman. 2,327,260; Aug. 17.
- Toggle for crushers. E. T. Peterson. 2,325,195; July 27.
- Toggle joint. L. F. Hammand. 2,313,197; Mar. 9.
- Toggle press. H. C. Bostwick. 2,310,674; Feb. 9.
- Toilet accessory. H. C. Dann. 2,327,096; Aug. 17.
- Toilet article. I. Wexler. 2,316,138; Apr. 6.
- Toilet case. B. A. Arnold. 2,335,898; Dec. 7.
- Toilet cover. Sanitary. L. L. Roeder. 2,316,105; Apr. 6.
- Toilet kit. Belt-supported. B. S. Rhodes. 2,315,095; Mar. 30.
- Toilet paper holder. J. Garson. 2,308,108; Jan. 12.
- Toilet paper holder. S. Segal. 2,313,776; Mar. 16.
- Toilet paper roll holder. C. J. Leveque. 2,312,825; Mar. 2.
- Toilet paper roll holder. V. F. Olson. 2,327,816; Aug. 24.
- Toilet preparation. G. Sperti. 2,320,478; June 1.
- Toilet preparation. B. G. Wilkes and H. E. Wassell. 2,309,722; Feb. 2.
- Toilet preparations dispenser. Combination. G. Wadsworth. 2,313,184; Mar. 9.
- Toilet seat attachment. A. B. Muller. 2,332,658; Oct. 26.
- Toilet seat cover. C. K. Arter, Jr. 2,313,311; Mar. 9.
- Toilet. Sterile. T. R. Porter and A. H. Laddig. 2,332,111; Oct. 19.
- Toilet structure for bathrooms or the like. L. E. Bagwell. 2,331,592; Oct. 12.
- Token control mechanism. H. A. Gersbach. 2,319,541; May 13.
- Toluene. Producing. R. D. Geckler and N. Fragen. 2,316,126; Apr. 6.
- Tolyethyl butyrate and making same. F. J. Soday. 2,316,912; Apr. 20.
- Tone arm. R. Dally. 2,313,126; Mar. 9.
- Tone equalizing mechanism. C. R. La Mar. 2,317,069; Apr. 20.
- Tong. Pipe. H. E. Grau and C. A. Lundeen. 2,313,743; Mar. 16.
- Tong. Pipe. A. E. Hambly. 2,329,196; Sept. 14.
- Tong. Pipe. J. A. Peterson and C. E. Olsen. 2,329,850; Sept. 21.
- Tongs. G. S. Peters. 2,326,676; Aug. 10.
- Tongs. Guy. O. H. Johnson. 2,328,217; Aug. 31.
- Tongs. Lifting. H. E. Bullington. 2,336,527; Dec. 14.
- Tonometer. A. H. Parsons. 2,314,514; Mar. 23.
- Tool: See—
- | | |
|---|---------------------------------------|
| Abbrading tool. | Combination fence tool. |
| Abbrading tool. | Combination fence tool. |
| Artisan's tool. | Commutator trimming tool. |
| Assembling tool. | Compound tool. |
| Automatic cutoff and swaging machine tool. | Contour grinder tool. |
| Band tightening and sealing tool. | Coring tool. |
| Banding tool. | Culinary tool. |
| Battery tool. | Cultivator tool. |
| Bending tool. | Cutting and shaping tool. |
| Bit tool. | Cutting-off tool. |
| Body and fender pickup tool. | Cutting tool. |
| Body and fender tool. | Cylinder grinding tool. |
| Borehole deflecting tool. | Dead-end tool. |
| Borehole tool. | Deflecting tool. |
| Boring tool. | Diaphragm or the like cutting tool. |
| Bushing tool. | Dispensing tool. |
| Carpenter's tool. | Drawing tool. |
| Cementing tool. | Driftpin, swaging and aligning tool. |
| Clamp tool. | Dual pattern controlled machine tool. |
| Clamping tool. | Earth boring tool. |
| Cleaning tool. | Endless tread track tool. |
| Closure removing tool. | Expanding and staking tool. |
| Combination band pulling and punching tool. | Expanding tool. |

- External honing tool.
Fan belt tool.
Fastener applying tool.
Fastener driving tool.
Filing tool.
Flanging tool.
Flaring and swedging tool.
Fluid actuated rotary tool.
Fluid actuated tool.
Flush tank valve seat finishing tool.
Forming tool.
Garden tool.
Gauging tool.
Gear finishing tool.
Grinding tool.
Grinding wheel dressing
- Gun boring tool.
Hardness testing tool.
Honing or polishing tool.
Honing tool.
Hose clamp tool.
Hydraulic machine tool.
Hydraulic tool.
Impact tool.
Internal grooving tool.
Jarring tool.
Lapping tool.
Lathe tool.
Leading tool.
Machine shop tool.
Machine tool.
Mechanic's tool.
Metal cutting tool.
Molder's tool.
Nozzle cleaning tool.
Oil well tool.
Optometrist tool.
Pacshot fishing tool.
Package binding tool.
Paint removing tool.
Parachute tool.
Paraffin scraping tool.
Pea-shelling tool.
Percussion tool.
Percussive tool.
Pipe nipple tool.
Piston ring installing and removing tool.
Pocket tool.
Portable cutting tool.
Portable fastener self-feed-
ing tool.
- Portable sheet metal cutting tool.
Power-driven portable tool.
Precision machine tool.
Propeller friction-test tool.
Punch press tool.
Rail fastening tool.
Regrooving tool.
Reseating tool.
Retractable formation
sealing tool.
Riveting tool.
Rock boring and like tool.
Rod joint cutting tool.
Rotary abrading tool.
Rotary tool.
Roughing tool.
Sanding and buffing tool.
Scraping tool.
Sheet material fastening tool.
Sheet-material shearing tool.
Side wall coring tool.
Spiral wall drilling and sampling tool.
Structural tool.
Swaging tool.
Taping tool.
Thread cutting tool.
Tire chain applying tool.
Tire chain tool.
Tire removing tool.
Tire tool.
Torch tip assembling tool.
Transmission line tool.
Trim tool.
Turning tool.
Universal machine tool.
Universal tool.
Valve keeper tool.
Valve tool.
Wood destroying tool.
Well tool.
Well treating tool.
Well washing tool.
Wheel dressing tool.
Whipstock deflecting tool.
Winding tool.
Wire cutting tool.
Wire stripping tool.
Wrench-acting tool.
- Tool. W. E. Balousek. 2,330,023; Sept. 21.
Tool. H. Bold. 2,333,233; Nov. 2.
Tool. Y. A. Bouget. 2,315,586; Apr. 6.
Tool. A. E. Brickman. 2,324,468; July 20.
Tool. K. C. Bugg. 2,323,375; July 6.
Tool. K. R. L. Grauding. 2,330,575; Sept. 28.
Tool. R. A. Kaplan. 2,324,847; July 20.
Tool. J. Konevski. 2,324,852; July 20.
Tool. D. H. Montgomery. 2,335,570; Nov. 30.
Tool. E. C. Neal. 2,319,253; May 18.
Tool. J. Patrick. 2,313,963; Mar. 16.
Tool. W. U. Watson. 2,326,709; Aug. 10.
Tool alloys. C. J. Schafer. 2,307,960; Jan. 12.
Tool and die maker's lamp. W. L. Garberding. 2,337,237; Dec. 21.
Tool and making the same. L. J. St. Clair. 2,308,569; Jan. 19.
Tool box. W. B. Johnson. 2,311,664; Feb. 23.
Tool carrier control mechanism. J. E. Lovely and N. R. Longe. 2,310,741; May 18.
Tool chest, Carpenter's. J. E. Kalske. 2,332,918; Oct. 26.
Tool construction. G. C. Deakins. 2,328,200; Aug. 31.
Tool construction. Well. O. A. Brown. 2,334,309; Nov. 16.
Tool fluid reservoir, Hydraulic. M. Lee. 2,309,605; Jan. 26.
Tool for applying armor to transmission line conductors. L. J. Kerby. 2,319,996; May 25.
Tool for applying cushions to plugs and cords. H. A. Greenwood. 2,307,884; Jan. 12.
Tool for assembling mechanical pencils. J. W. Para. 2,312,928; Mar. 2.
Tool for balance weights, Removing. H. J. Kalajian. 2,314,145; Mar. 16.
Tool for bridging plugs, Setting. I. M. Spangler. 2,326,404; Aug. 10.
Tool for broach drilling, Quarrying. J. G. Elekhoff. 2,308,067; Jan. 12.
Tool for cement retainer, Setting. F. A. Taylor and L. Spencer. 2,326,411; Aug. 10.
Tool for chamfering, recessing and the like. A. Fried. 2,314,084; Mar. 16.
Tool for connecting insulated wires with attachment plug blades. N. Chirelstein. 2,335,580; Nov. 30.
Tool for crank pins, Refinishing. R. J. Wilson. 2,329,806; Sept. 21.
Tool for cutting patterns, Portable. W. Metting. 2,307,464; Jan. 5.
Tool for cutting threads. A. F. Robertson. 2,324,879; July 20.
Tool for handling batteries. J. P. Gantt. 2,332,998; Oct. 26.
Tool for high tension electric lines, Operating. D. C. Hubbard. 2,319,992; May 25.
Tool for making metallic elbows, Laying out. E. J. Gauthier. 2,332,568; Oct. 26.
Tool for metal turning, Finishing. C. Hanson. 2,323,324; July 6.
Tool for removing connecting rods. F. Hendricks. 2,331,683; Oct. 12.
Tool for removing electrode tips. R. H. Dyer. 2,328,433; Aug. 31.
Tool for removing feeders or sprues from ingots and the like. W. W. Grossett. 2,333,925; Nov. 9.
Tool for splicing cables. I. Jacoel. 2,325,777; Aug. 3.
Tool for testing springs, Hand. E. W. Gent. 2,325,125; July 27.
Tool for tubes, Swaging. C. F. Tuttle. 2,307,432; Jan. 5.
Tool for unsealing crown bottle caps. H. D. Penny and C. S. Jackson. 2,323,621; July 6.
Tool for upsetting tubular rivets. E. M. Bettington. 2,336,058; Dec. 7.
Tool grinding fixture, Lathe. W. R. Landy. 2,317,996; May 4.
Tool guiding apparatus. L. W. Young. 2,334,301; Nov. 16.
Tool handle. C. C. Haumerson. 2,324,839; July 20.
Tool handle. E. R. T. Howard. 2,333,789; Nov. 9.
Tool handle. G. R. Wilcox. 2,337,514; Dec. 21.
Tool head. L. Menzl. 2,334,276; Nov. 16.
Toolhead for rifling machines. F. O. Hoagland. 2,330,584; Sept. 28.
Toolholder. H. F. Bakewell. 2,313,312; Mar. 9.
Toolholder. E. M. Barrett. 2,333,228; Nov. 2.
Tool holder. J. I. Cantral. 2,337,026; Dec. 21.
Tool holder. H. Jones. 2,337,663; Dec. 28.
Toolholder. J. M. Luers. 2,328,477; Aug. 31.
Toolholder. B. Misiura. 2,322,868; June 29.
Tool holder. F. M. Ramsdell. 2,328,359; Aug. 31.
Tool holder. H. C. Specht. 2,314,605; Mar. 23.
Tool holder. F. R. Taylor. 2,331,638; Oct. 12.
Toolholder. H. Wepplo. 2,332,417; Oct. 19.
Tool holder. T. A. Wettig. 2,314,314; Mar. 16.
Tool holder for cartons. H. E. Rue. 2,315,015; Mar. 30.
Toolholder for lathes. W. F. Groene. 2,310,691; Feb. 9.
Toolholder for lathes, Combination. S. Strobl. 2,324,603; July 20.
Toolholder for machine tool turrets. C. L. Stoen. 2,330,156; Sept. 21.
Toolholder, Lathe. H. D. Mellon. 2,308,990; Jan. 19.
Toolholding device. C. F. Maute. 2,337,400; Dec. 21.
Tool holding means for edge setting machines. E. J. Ray. 2,326,894; Aug. 17.
Tool installed wire connector. J. Rogoff. 2,329,653; Sept. 14.
Tool jar, Hydraulic trip. D. U. Shaffer and E. C. Hamm. 2,309,872; Feb. 2.
Tool joint assembly. S. Evans. 2,308,066; Jan. 12.
Tool mechanism, End working. C. E. Miller. 2,325,012; July 20.
Tool mechanism for gear-cutting machines. R. E. Moyer. 2,321,765; June 15.
Tool mounting for hammers. O. O. Appton. 2,333,405; Nov. 2.
Tool moving means. F. A. Fritzsche. 2,308,417; Jan. 12.
Tool orienting method and apparatus. G. A. Smith. 2,333,691; Nov. 9.
Tool rotating mechanism. J. A. Boller. 2,307,382; Jan. 5.
Tool shank, Self-locking. E. J. Armstrong. 2,313,858; Mar. 16.
Tool slide adjusting means. A. Scrivener. 2,333,341; Nov. 2.
Tool speed reducer, Grinding. J. Y. Blazek and G. E. Sears. 2,308,352; Jan. 12.
Tool spindle with removable projection. E. S. Cornell and C. N. Williams. 2,330,686; Sept. 28.
Tool support. E. F. Nelson. 2,329,932; Sept. 21.
Tool transmission and control mechanism, Machine. J. B. Armitage. 2,337,223; Dec. 21.
Tool with adjustable blade, Hand. A. B. Gardella and R. R. Ward. 2,329,833; Sept. 21.
Tool with inserted teeth, Metal cutting. F. W. Curtis. 2,325,746; Aug. 3.
Tools in well bores, Orienting. L. C. Miller. 2,327,658; Aug. 24.
Tools, Method and apparatus for releasing jammed well-drilling. J. F. Kendrick. 2,336,257; Dec. 7.
Tools, Quenching and straightening. J. M. Luers. 2,309,518; Jan. 26.
Tooth, Artificial. W. A. Kurgas. 2,314,503; Mar. 23.
Tooth, Artificial. S. Myerson. Re. 2,331; June 8.
Tooth, Artificial. S. Myerson. 2,328,575; Sept. 7.
Tooth, Artificial. G. Steele and A. E. Schneider. 2,308,553; Jan. 19.
Toothbrush. E. G. Adamsson. 2,312,828; Mar. 2.
Toothbrush. N. J. Davidson. 2,307,493; Jan. 5.
Toothbrush. G. Ulvick. 2,317,002; Apr. 20.

- Toothbrush. G. Urviek. 2,321,265; June 8.
 Toothbrush. H. Warp. 2,317,123; Apr. 20.
 Toothbrush and glass holder. W. Cohen. 2,336,224; Dec. 7.
 Toothbrush cover fastener. L. F. Perwas. 2,317,111; Apr. 20.
 Toothbrush. Fountain. J. D. Kells. 2,311,760; Feb. 23.
 Toothbrush. Fountain. F. Salinger. 2,318,635; May 11.
 Toothbrush holder. G. R. Hylen. 2,309,116; Jan. 28.
 Toothbrush, interchangeable. B. Friedman. 2,326,632; Aug. 10.
 Toothbrush. Midget. D. J. Mayeux. 2,324,789; July 20.
 Toothbrush. Motor driven. J. Gohl. 2,310,626; Feb. 9.
 Toothbrush pack. J. W. Brady. 2,310,571; Feb. 9.
 Toothbrush retainer. B. and J. Oshman. 2,331,222; Oct. 5.
 Toothbrush, Shielded rotary. D. S. Beckner. 2,314,117; Mar. 16.
 Tooth reconstruction. M. M. Renfrew. 2,335,133; Nov. 23.
 Tooth facing and backing therefor. C. L. Morris. 2,308,195; Jan. 12.
 Tooth for excavating apparatus. L. Massa. 2,319,464; May 18.
 Tooth mounting. M. Bartek. 2,328,121; Aug. 31.
 Toothpick dispenser. L. H. Whorton and R. L. Minshall. 2,319,570; May 18.
 Tooth powder dispenser. J. Campbell, Jr. 2,315,244; Mar. 30.
 Tooth powder dispenser. F. L. Reuter. 2,337,855; Dec. 28.
 Tooth relieving machine. H. Pelphrey. 2,321,102; June 8.
 Tooth unit for dredge buckets. A. N. Crawford. 2,307,359; Jan. 5.
 Top. O. R. Dailey. 2,332,507; Oct. 26.
 Top cover construction for stoves. A. G. Sherman. 2,316,992; Apr. 20.
 Top for curns. F. M. Yalove. 2,323,436; July 6.
 Top seal for pavement joints. A. E. Brickman. 2,315,588; Apr. 6.
 Top structure. Foldable. W. P. Levon. 2,323,547; July 6.
 Topping machine. J. L. Beers. 2,319,770; May 18.
 Tops. Manufacture of hot. W. A. Turner. 2,335,622; Nov. 30.
 Torch cutting apparatus. S. W. Hayes. 2,317,526; Apr. 27.
 Torch cutting machine. A. F. Choinard. 2,336,596; Dec. 14.
 Torch cutting machine. C. Mott and A. F. Choinard. 2,336,626; Dec. 14.
 Torch machine. J. L. Anderson. 2,307,442; Jan. 5.
 Torch. Marine. C. Linhardt, Jr. 2,322,716; June 22.
 Torch tip assembling tool. A. F. Jenkins. 2,326,362; Aug. 10.
 Torpedo. G. Wise. 2,329,736; Sept. 21.
 Torpedo. Aerial. L. A. Dunaieff. 2,330,815; Oct. 5.
 Torpedo. Multiple. M. L. Monies. 2,314,655; Mar. 23.
 Torpedo. Submarine depth. R. G. Ruiz. 2,326,973; Aug. 17.
 Torpedo trap. E. Flood. 2,319,672; May 18.
 Torque and power transmitted by shafting. Measurement of. L. W. Chubb. 2,313,923; Mar. 16.
 Torque control in rotary well drilling. C. C. Scharpenberg. 2,314,560; Mar. 23.
 Torque controlled mechanism. R. S. Taylor. 2,334,734; Nov. 23.
 Torque converter interlocking control. Automatic. H. O. Schjoll. 2,322,479; June 22.
 Torque conveying and converting apparatus. R. B. Aspinwall and T. B. Tyler. Re. 22,267; Feb. 16.
 Torque device for coordinator trainers. E. O. Carmody and C. A. West. 2,328,997; Aug. 31.
 Torque dividing mechanism. A. F. Myers. 2,329,075; Sept. 7.
 Torque measuring wrench. H. W. Zimmerman. 2,320,023; May 25.
 Torque of combustion engines. Measuring the. N. Ericson. 2,311,331; Feb. 16.
 Torque responsive device. M. J. Kittler. 2,324,585; July 20.
 Torque transmitting device. L. A. Graham. 2,319,319; May 18.
 Torque transmitting device. Hydraulic. A. Y. Dodge. 2,336,231; Dec. 7.
 Torque transmitting device, with molded plastic rotor. Hydrodynamic. R. L. Smirl. 2,328,175; Aug. 31.
 Torque transmission. Differentially balanced. C. Buraczynski. 2,311,150; Feb. 16.
 Torque tube drive. N. E. Wahlberg. 2,311,143; Feb. 16.
 Torque unit. Thermal. J. R. Gomersall. 2,337,098; Dec. 21.
 Torque wrench. C. W. Hart. 2,315,591; Apr. 6.
 Torque wrench. K. R. Larson. 2,312,104; Feb. 23.
 Torsion-rod suspension for tandem rear-wheel vehicles. J. G. Holmstrom and W. M. Brown. 2,333,008; Oct. 26.
 Torsional vibration damping means. F. L. Prescott. 2,333,122; Nov. 2.
 Totalizer. P. F. Grout. 2,320,275; May 25.
 Totalizer actuator. F. J. Rouan. 2,321,425; June 8.
 Totalizer for rolling mills. S. B. Terry and R. S. Fox. 2,315,747; Apr. 6.
 Totalizer, Off-gauge. E. B. Hudson. 2,315,709; Apr. 6.
 Totalizer system. H. C. Robinson. 2,332,756; Oct. 26.
 Tourniquet. A. Eschner. 2,316,157; Apr. 13.
 Tourniquet, Adjustable. A. Eschner. 2,316,158; Apr. 13.
 Tourniquet, Surgical. H. E. Nieburgs. 2,332,107; Oct. 19.
 Towel bar extensions. F. T. Kent. 2,313,245; Mar. 9.
 Towel. Detergent paper. M. T. Flaxman. 2,333,919; Nov. 9.
 Towel dispenser. J. C. Perrin and P. L. Geer. 2,321,154; Jan. 8.
 Towel holder. J. S. Jones. 2,333,254; Nov. 2.
 Towel rack. H. J. Watral and J. Helenek. 2,315,566; Apr. 6.
 Tower. Concrete mixer. H. A. Wagner. 2,327,477; Aug. 24.
 Tower, Holsting. H. A. and G. H. Wagner. 2,327,476; Aug. 24.
 Tower support. C. A. Booker and A. E. Hill. 2,309,041; Jan. 19.
 Tower unit for concrete mixers and the like. J. D. Farrell. 2,319,807; May 25.
 Towing and release mechanism. M. J. O. Lobeile. 2,333,621; Nov. 2.
 Towing apparatus. Releasable. M. J. O. Lobeile. 2,333,153; Oct. 19.
 Towing connection. Trailer. O. Suttles. 2,331,006; Oct. 5.
 Towing device and hook-up. H. O. Foss. 2,318,150; May 4.
 Towing device. Motorcycle. C. L. Garrison. 2,329,525; Sept. 14.
 Towing material, Producing. J. E. Harvey, Jr. 2,310,194; Feb. 2.
 Toy. A. A. Braddock. 2,320,560; June 1.
 Toy. J. F. Fleming. 2,325,496; July 27.
 Toy. R. A. Froehling. 2,334,486; Nov. 16.
 Toy. A. G. Hadjepetres. 2,310,075; Feb. 2.
 Toy. R. F. Harris. 2,331,187; Oct. 5.
 Toy. W. C. Harris. 2,310,731; Feb. 9.
 Toy. E. J. Haddad. 2,333,776; Oct. 12.
 Toy. K. S. Kassler. 2,327,718; Aug. 24.
 Toy. S. L. Long. 2,313,158; Mar. 9.
 Toy. P. R. Longnecker. 2,308,524; Jan. 19.
 Toy. W. L. Pasek. 2,322,541; June 22.
 Toy. F. H. Richter. 2,334,290; Nov. 16.
 Toy. Aerial. T. R. Frazier. 2,321,904; June 15.
 Toy. Airplane. J. H. Hanley. 2,334,740; Nov. 23.
 Toy. Animated. E. De Blanc. 2,325,689; Aug. 3.
 Toy. Animated. D. C. Shelton. 2,333,687; Nov. 9.
 Toy balloon. S. Solecki. 2,312,369; Mar. 2.
 Toy clamshell bucket. O. P. Erhardt. 2,326,934; Aug. 17.
 Toy construction block. C. H. Pajean. 2,313,357; Mar. 9.
 Toy. Constructional. E. Orlik. 2,311,907; Feb. 23.
 Toy. Concussion. F. E. Thomas. 2,329,564; Sept. 14.
 Toy. Dancing. J. G. Jeffrey. 2,326,225; Aug. 10.
 Toy doll. A. C. H. Henkelmann. 2,313,069; Mar. 9.
 Toy. Educational. E. F. Donovan. 2,337,978; Dec. 28.
 Toy. Educational. S. H. Major. 2,317,206; Apr. 20.
 Toy. Educational. H. R. Palmer. 2,312,773; Mar. 2.
 Toy electric car. G. H. M. Dahl. 2,317,363; Apr. 27.
 Toy. Figures. W. L. Cole. 2,332,988; Oct. 26.
 Toy. Figure. A. Gunterbach. 2,327,261; Aug. 17.
 Toy figure. D. M. Warren. 2,314,744; Mar. 23.
 Toy firearm. A. L. Mannigel. 2,324,860; July 20.
 Toy for simulating airplane attack. R. C. Flynt. 2,327,702; Aug. 24.
 Toy gun. E. C. Borth. 2,313,721; Mar. 16.
 Toy gun. A. N. Smith and J. Bennett. 2,313,400; Mar. 9.
 Toy gun. Repeating. C. S. Johnson. 2,331,332; Nov. 16.
 Toy horse and dog. E. M. Bleecker. 2,334,472; Nov. 16.
 Toy machine gun. R. C. Flynt and U. K. Butler. 2,326,530; Aug. 10.
 Toy molding device. F. M. Duran. 2,309,579; Jan. 26.
 Toy. Mystery. E. S. Savage. 2,310,711; Feb. 9.
 Toy. Parachute. M. K. Culver and T. M. McGregor. 2,312,629; Mar. 2.
 Toy pistol. G. Calabrese. 2,318,139; May 4.
 Toy railroad station. Acoustical. W. R. Smith. 2,311,882; Feb. 23.
 Toy railroad track switch. J. L. Bonanno. 2,325,471; July 27.
 Toy railway mail car or the like. W. E. Rexford. 2,323,240; June 29.
 Toy railway system. D. V. Godfrey. 2,313,335; Mar. 9.
 Toy scenery. D. M. Warren. 2,324,892; July 20.
 Toy seesaw. F. E. Thomas. 2,325,988; Aug. 3.
 Toy sparkling cannon or the like. W. J. Burchett. 2,336,391; Dec. 7.
 Toy steering mechanism. M. S. Anderson. 2,334,742; Nov. 23.
 Toy structural elements. Making. J. E. Grant. 2,318,849; May 11.
 Toy submarine. F. E. Thomas. 2,315,461; Mar. 30.
 Toy top. R. J. Lohr. 2,337,334; Dec. 21.
 Toy trailer truck. T. V. Osborne. 2,311,123; Feb. 16.
 Toy train. E. Hickling. 2,332,718; Oct. 26.
 Toy train controller. J. L. Bonanno. 2,316,551; Apr. 13.
 Toy vacuum cleaner, Electrically driven. F. E. Kinsella. 2,322,804; June 29.

- Toy vehicle. S. Godell. 2,326,026-7; Aug. 3.
 Toy, Vibrating truck. R. Appel. 2,314,472; Mar. 23.
 Toy, Walking. T. A. Repper. 2,309,213; Jan. 26.
 Tractor control for material working machines. P. Volk. 2,330,647; Sept. 28.
 Tractor control mechanism for machine tools. W. F. Ridgway. 2,334,956; Nov. 23.
 Tracer for electrically controlled machine tools. S. H. Caldwell, J. J. Jaeger, and R. Taylor. 2,313,989; Mar. 16.
 Tracer mechanism. E. G. Roehm. 2,332,533; Oct. 26.
 Tracer mechanism for investigating surface irregularities. E. J. Abbott. 2,330,801; Oct. 5.
 Tracing hanger. L. L. Hyler. 2,324,582; July 20.
 Track and brake mechanism therefor. Railway. J. Ledwinka. 2,320,086; May 25.
 Track and compressor for files. S. Roth. 2,332,472; Oct. 19.
 Track and detachable grouser therefor. R. Mayne. 2,318,347; May 4.
 Track and grouser therefor. R. Mayne. 2,326,477; Aug. 10.
 Track circuit for railway cab signal control. Coded. H. A. Thompson. 2,331,815; Oct. 12.
 Track element for aircraft and land vehicles. Endless. O. F. Maclaren. 2,315,901; Apr. 6.
 Track for self-laying track vehicles. H. Gray. 2,318,992; May 11.
 Track for track-laying vehicles. C. P. Galanot. 2,332,313; Oct. 19.
 Track for track-laying vehicles. B. Walker. 2,337,074; Dec. 21.
 Track for vehicles. Endless. H. S. Broadwater. 2,312,072; Feb. 23.
 Track joint lubrication. J. B. McWilliams. 2,337,760; Dec. 28.
 Track or conveyor for fruit or vegetables. Multiple loading. P. Jepson. 2,325,862; Aug. 3.
 Track release mechanism. E. F. Norelius. 2,326,486; Aug. 10.
 Track, Reversible tractor. C. V. Stewart. 2,329,303; Sept. 14.
 Track shoe for endless tracks. C. Saurer and C. W. Tyler. 2,332,976; Oct. 26.
 Track testing apparatus. W. C. Barnes. 2,313,729; Mar. 16.
 Traction and antiskid device for vehicles. H. F. Spatz. 2,322,171; June 15.
 Traction brake. H. E. Brey and H. E. Swanson. 2,318,826; May 11.
 Traction device. H. L. Baldwin. 2,312,518; Mar. 2.
 Traction device. A. L. Bolliger. 2,328,777; Sept. 7.
 Traction device. C. P. Galanot and J. A. Watson, Jr. 2,310,846; Feb. 9.
 Traction device. C. P. Galanot and J. A. Watson, Jr. 2,318,683; May 11.
 Traction device for automobiles. A. B. Austin. 2,318,918; May 11.
 Traction increasing device. S. R. Riesen. 2,312,486; Mar. 2.
 Traction splint. A. H. La Crosse. 2,319,609; May 18.
 Traction unit for tractor wheels. Demountable. W. E. Wine. 2,332,037; Oct. 19.
 Traction wheel. S. W. Shaw. 2,330,085; Sept. 21.
 Traction wheel. J. R. Uddenborg. 2,315,883; Apr. 6.
 Tractor. G. S. Allin. 2,310,727; Feb. 9.
 Tractor. G. S. Allin. 2,311,922; Feb. 23.
 Tractor. B. R. Benjamin and H. J. Mott. 2,320,168; May 25.
 Tractor. W. Gunning. 2,333,173; Nov. 2.
 Tractor. C. A. Gustafson. 2,311,941; Feb. 23.
 Tractor cultivator. G. D. Jones and E. D. Fisher. 2,337,110; Dec. 21.
 Tractor cultivator. C. W. Mott. 2,325,870; Aug. 3.
 Tractor drawn implement. M. M. Hornish. 2,319,458; May 18.
 Tractor drawbar. J. D. Robertson. 2,321,516; June 8.
 Tractor drawn implement. M. M. Hornish. 2,325,855-6; Aug. 3.
 Tractor driving and steering mechanism. H. Hollman, W. G. Van Voorhis, C. L. George and R. O. Gerdeman. 2,328,804; Sept. 7.
 Tractor guide. F. L. Willroot. 2,307,732; Jan. 12.
 Tractor implement. W. Zink and G. L. McKibben. 2,322,268; June 22.
 Tractor-mounted implement. F. E. Hand. 2,337,749; Dec. 28.
 Tractor-mounted implement. J. L. Hipple. 2,330,283; Sept. 28.
 Tractor-mounted implement. J. L. Hipple. 2,332,720; Oct. 26.
 Tractor-mounted implement. J. Morkoski. 2,330,302; Sept. 28.
 Tractor mower. N. D. Colvin and C. J. Frederiksen. 2,318,202; May 4.
 Tractor mower. P. H. Westerlund. 2,318,274; May 4.
 Tractor mower assembly. J. M. Cusenbinder. 2,324,563; July 20.
 Tractor plane. A. C. Glenger. 2,313,934; Mar. 16.
 Tractor plow. W. L. Avrett, Jr. 2,307,980; Jan. 12.
 Tractor seat. A. H. Haberstump. 2,324,152; July 13.
 Traffic signal. M. S. Campbell. 2,312,074; Feb. 23.
 Tractor track and track unit. A. W. Herrington. 2,332,715; Oct. 26.
 Tractor-trailer. S. B. Winn. 2,318,038; May 4.
 Tractor transmission. E. McCormick. 2,309,199; Jan. 26.
 Tractor. Water. F. H. Darragh, Jr. 2,308,327; Jan. 12.
 Tractor wheel. W. E. Wine. 2,335,372; Nov. 30.
 Traffic control sign. H. J. Lowe. 2,308,525; Jan. 19.
 Traffic controlling apparatus. Railway. C. W. Bell. 2,333,974; Nov. 9.
 Traffic controlling apparatus. Railway. J. M. Pellikan. 2,320,792; June 1.
 Traffic controlling system for railroads. Centralized. E. W. Brinker. 2,314,267; Mar. 16.
 Traffic controlling system for railroads. Centralized. S. N. Wight. 2,330,532; Sept. 28.
 Traffic counting apparatus. O. H. Basquin and S. E. Adair. 2,334,143; Nov. 9.
 Traffic guide. F. A. Talty. 2,313,600; Mar. 9.
 Traffic rate finding machine. J. M. Johnson. 2,313,998; Mar. 9.
 Traffic signal. E. F. Hubacker. 2,326,781; Aug. 17.
 Traffic signal. A. McK. Miles. 2,326,875; Aug. 17.
 Traffic signal control apparatus. J. J. Alles. 2,324,051; July 13.
 Traffic signaling mechanism. C. W. Clark. 2,323,793; July 6.
 Trail frame. W. F. Peck and A. A. Gradisar. 2,333,738; Nov. 9.
 Trailer. R. E. Hart. 2,310,431; Feb. 9.
 Trailer. G. A. Johnson. 2,325,609; Aug. 3.
 Trailer and coupling therefor. B. A. Mosling. 2,312,769; Mar. 2.
 Trailer brake control. W. L. Brewer, Jr. 2,336,342; Dec. 7.
 Trailer. Child's. F. M. Cury. 2,334,387; Nov. 16.
 Trailer. Collapsible. F. I. Gosser. 2,328,138; Aug. 31.
 Trailer coupler. C. C. Kitterman. 2,330,125; Sept. 21.
 Trailer coupling and steering apparatus. A. R. Nelson. 2,309,204; Jan. 26.
 Trailer draft connection. D. D. Arehart. 2,329,380; Sept. 14.
 Trailer. Heavy duty. M. W. McCombs. 2,320,631; Jan. 12.
 Trailer hitch. B. F. Klawitter. 2,309,850; Feb. 2.
 Trailer hitch and support. M. L. Sensenig. 2,328,850; Sept. 7.
 Trailer. House. L. Winters. 2,333,910; Nov. 9.
 Trailer mounting device. F. U. Anderson. 2,336,452; Dec. 14.
 Trailer. Steering. C. C. Hunt. 2,312,646; Mar. 2.
 Trailer. Tandem wheel. G. B. Schoenrock. 2,321,864; June 15.
 Trailer. Tank. T. Weber. 2,334,522; Nov. 16.
 Trailer. Transport. G. T. Ronk. 2,334,037; Nov. 9.
 Trailer truck frame. G. S. Minium. 2,329,408; Sept. 14.
 Trailer. Two-wheeled. E. J. Lex. 2,332,326; Oct. 19.
 Trailer vehicle. W. H. Meats. 2,328,387; Aug. 31.
 Trailer vehicle. F. M. Reid. 2,318,602; May 11.
 Trailer wagon. Bottom dump. H. C. French. 2,316,412; Apr. 13.
 Train. Automotive. R. W. Harriun and M. K. Pribil. 2,309,766; Feb. 2.
 Train control system. F. H. Nicholson and L. R. Allison. 2,332,458; Oct. 19.
 Train control system. Coded continuous inductive. C. S. Bushnell. 2,314,268; Mar. 16.
 Train control system. Coded continuous inductive. P. W. Smith. 2,326,049; Aug. 3.
 Train detecting and reporting apparatus. W. P. Place. 2,334,507; Nov. 16.
 Train dispatcher signal system. G. Kiner. 2,334,333; Nov. 16.
 Train order device. E. T. Ford. 2,319,540; May 18.
 Trainer. Football kicking. F. P. Silva. 2,316,994; Apr. 20.
 Trainer. Navigation. C. J. Crane. 2,326,764; Aug. 17.
 Trainer. Pre-flight reflex and gunnery. W. C. Ocker and C. J. Crane. 2,316,181; Apr. 13.
 Training apparatus. D. P. MacDonald. 2,307,840; Jan. 12.
 Training apparatus for teaching radio navigation. L. De Florez and E. Bach. 2,312,962; Mar. 2.
 Training device for aviators. J. E. Crowell. 2,319,115; May 11.
 Training device for conveyor belts. S. D. Robins. 2,330,923; Oct. 5.
 Transcription system. H. P. Clausen. 2,336,777; Dec. 14.
 Transducer. J. O. Parr, Jr. 2,311,079; Feb. 16.
 Transducer apparatus. C. K. Gravley and J. J. Neff. 2,336,241; Dec. 7.
 Transducer. Piezoelectric. W. P. Mason. 2,328,478; Aug. 31.
 Transfer apparatus. Airplane package. R. L. Cooper. Re. 2,235,1; July 20.
 Transfer apparatus. Space heat. W. H. Taylor. 2,321,262; June 8.
 Transfer bearing. W. S. Hoover. 2,324,625; July 20.
 Transfer car. E. W. Schellentrager. 2,321,253; June 8.
 Transfer device. O. G. Hayes. 2,325,203; July 27.
 Transfer equipment. Automatic bus. W. Schaeichlin and J. C. Ponstingl. 2,326,070; Aug. 3.
 Transfer equipment. Multistation. E. Sayen. 2,335,613; Nov. 30.

- Transfer mechanism. W. H. Robertson and W. E. Dickman. 2,330,450; Sept. 28.
- Transfer mechanism. R. L. Wilcox. 2,328,699; Sept. 7.
- Transfer mechanism for accumulators. C. M. Sincerbeaux. 2,336,401; Aug. 10.
- Transfer mechanism for cigar machines. S. Clausen. 2,334,174; Nov. 16.
- Transfer of electrical oscillatory energy, Selective. J. B. Minter. 2nd. 2,336,498; Dec. 14.
- Transfer sheet. F. A. Quick. 2,318,006; May 4.
- Transfer valve. R. E. J. Nordquist. 2,326,794; Aug. 17.
- Transferring heat by a heat exchange liquid. L. L. Shabkowitz. 2,344,636; Mar. 23.
- Transformer. J. L. Bonanno. 2,336,382; Nov. 30.
- Transformer. J. L. Bonanno and A. Ehret. 2,312,382; Mar. 2.
- Transformer. J. L. Bonanno and A. Ehret. 2,325,470; July 27.
- Transformer. C. P. Boucher. 2,312,868; Mar. 2.
- Transformer. C. P. Boucher. 2,321,357; June 8.
- Transformer. C. P. Boucher. 2,333,703; July 6.
- Transformer. C. P. Boucher. 2,331,369; Oct. 12.
- Transformer. G. Camilli. 2,316,558; Apr. 13.
- Transformer. H. W. Lord. 2,310,742; Feb. 9.
- Transformer. O. Marsh. 2,311,450; Feb. 16.
- Transformer. P. K. Ranney. 2,311,128; Feb. 16.
- Transformer. J. S. Smith and F. Dawson. 2,316,370; Apr. 13.
- Transformer, Antenna. W. Weihe. 2,318,271; May 4.
- Transformer apparatus. C. P. Boucher. 2,312,867; Mar. 2.
- Transformer apparatus. C. P. Boucher. 2,335,910; Dec. 7.
- Transformer apparatus. C. P. Boucher. 2,330,665; Dec. 14.
- Transformer bushing. A. A. Skvortzoff. 2,315,696; Apr. 6.
- Transformer connection for protective devices. E. L. Harder. 2,331,186; Oct. 5.
- Transformer, Filament. A. W. Vance and J. M. Morgan. 2,334,519; Nov. 16.
- Transformer gin. D. C. Hubbard. 2,309,769; Feb. 2.
- Transformer, High voltage. A. McEverhart and R. Schärff. 2,337,916; Dec. 28.
- Transformer load indicator. E. D. Treanor. 2,319,646; May 18.
- Transformer motor. F. E. Lange. 2,322,912; June 29.
- Transformer mounting lug. D. W. Callander. 2,333,519; Nov. 2.
- Transformer protection. J. K. Hodnette. 2,320,929; June 1.
- Transformer, Split current. R. B. Annis. 2,332,127; Oct. 19.
- Transformer system. Z. O. St. Palley. 2,330,088; Sept. 21.
- Transformer system, Low capacity filament. J. L. Finch. 2,314,083; Mar. 16.
- Transformers, Making. D. E. Wiegand. 2,313,306; Mar. 9.
- Transfusion equipment. W. F. Butler and F. A. Cutter. 2,309,302; Jan. 26.
- Translating channel, Wave-signal. N. P. Case. 2,327,248; Aug. 17.
- Translating device. B. B. Bauer. 2,326,280; Aug. 10.
- Translating device, Power. J. Sleplan. 2,327,971; Aug. 24.
- Translator. K. J. Germeshausen. 2,329,526; Sept. 11.
- Transmission. F. D. Campbell. 2,332,136; Oct. 19.
- Transmission. A. Y. Dodge. 2,311,740; Feb. 23.
- Transmission. A. Y. Dodge. 2,334,394; Feb. 23.
- Transmission. H. S. Eberhard. 2,320,454; June 1.
- Transmission. H. S. Eberhard. 2,323,384; July 6.
- Transmission. H. R. Greenlee, L. D. Britton, and J. R. Bond. 2,318,481; May 4.
- Transmission. W. R. Griswold and F. R. McFarland. 2,324,603; July 20.
- Transmission. V. Haigh. 2,317,761; Apr. 27.
- Transmission. A. L. Johnson. 2,308,082; Jan. 12.
- Transmission. F. L. Lawrence. 2,319,549; Mar. 18.
- Transmission. R. G. Le Tourneau. 2,337,255; Dec. 21.
- Transmission. L. F. Maurer. 2,329,721; Sept. 21.
- Transmission. P. Orr. 2,319,746; May 18.
- Transmission. A. W. McCarter. 2,329,354; Sept. 14.
- Transmission. W. L. Pollard. 2,312,849; Mar. 2.
- Transmission. W. L. Pollard. 2,325,876; Aug. 3.
- Transmission. A. G. and H. Schneider. 2,333,680; Nov. 9.
- Transmission. J. M. Simpson. 2,328,104; Aug. 31.
- Transmission. R. L. Smirl. 2,324,733; July 20.
- Transmission. N. E. Wahlberg and H. F. Wood. 2,328,519; Aug. 31.
- Transmission, Air cooled. N. F. Adamson. 2,325,647; Aug. 3.
- Transmission and control mechanism. G. H. Johnson. 2,331,695; Oct. 12.
- Transmission and control system therefor, Automatic. H. E. Carnagua, and W. B. Osborne. 2,309,826; Feb. 2.
- Transmission and gear teeth. N. Trojevich. 2,313,183; Mar. 9.
- Transmission, Automatic. O. H. Banker. Re. 22,259; Feb. 2.
- Transmission, Automatic. O. H. Banker. Re. 22,312; May 18.
- Transmission, Automatic. H. Nutt and R. L. Smirl. 2,332,593; Oct. 26.
- Transmission, Automatic. C. W. Osborne. 2,328,291; Aug. 31.
- Transmission, Automatic. G. Schwarzbach. 2,318,186; May 4.
- Transmission, Automatic. J. B. Whitlow. 2,310,724; Feb. 9.
- Transmission casing. T. Backus. 2,308,852; Jan. 19.
- Transmission construction and control. H. O. Schjolin. 2,308,113; Jan. 12.
- Transmission control. K. M. Armantrout. 2,313,717; May 4.
- Transmission control. G. E. Finn. 2,334,402; Nov. 16.
- Transmission control. V. Haigh. 2,314,042; Mar. 16.
- Transmission control. A. E. Leach. 2,334,421; Nov. 16.
- Transmission control. P. Orr. 2,328,227; Aug. 31.
- Transmission control. E. O. Wheaton. 2,320,960; June 1.
- Transmission control, Change speed. O. H. Banker. 2,335,255; Nov. 30.
- Transmission control, Dual. P. Schon. 2,324,542; July 20.
- Transmission control in two-way signal wave transmission systems. B. G. Bjornson. 2,319,717; May 18.
- Transmission control system. A. Y. Dodge. 2,309,051; Jan. 19.
- Transmission control, Truck mixer. G. Jaeger, C. I. Bohmer, and C. Gerst. 2,323,753; July 6.
- Transmission device. C. J. Dillon. 2,336,167; Dec. 7.
- Transmission device, Hydraulic force. C. O. Marshall. 2,313,655; Mar. 9.
- Transmission device, Hydraulic power. A. N. Thomas. 2,318,028; May 4.
- Transmission drive, Gear. S. L. Crawshaw and J. R. Williams. 2,323,648; July 6.
- Transmission faults, Method and apparatus for locating. J. P. Andrews. 2,315,383; Mar. 30.
- Transmission faults, Method of and apparatus for locating. H. Nyquist. 2,315,450; Mar. 30.
- Transmission for machine tools, Power. R. C. Griffith. 2,318,851; May 11.
- Transmissions for motor vehicles. K. Maybach. 2,337,910; Dec. 28.
- Transmission, Frictional toroidal. A. Y. Dodge. 2,318,471; May 4.
- Transmission gear. A. E. Osborn. 2,333,037; Oct. 26.
- Transmission gearing. C. D. Peterson and E. J. Barth. 2,310,310; Feb. 9.
- Transmission gearing, Change speed. G. W. Curtis. 2,316,503; Apr. 13.
- Transmission gearing, Friction. W. L. Groene. 2,317,854; Apr. 27.
- Transmission gearing, Hydromechanical. F. W. Cotterman. 2,319,388; May 18.
- Transmission, Hydraulic. C. B. Cook. 2,313,049; Sept. 14.
- Transmission, Hydraulic. J. T. Corrigan. 2,329,594; Sept. 14.
- Transmission, Hydraulic. F. Kugel. 2,329,915; Sept. 27.
- Transmission, Hydraulic. D. F. McGill. 2,323,926; July 13.
- Transmission, Hydraulic. J. R. Tripp and M. L. Opperud. 2,333,620; Nov. 2.
- Transmission, Hydrodynamic. W. D. Tipton. 2,317,498; Apr. 27.
- Transmission line. G. L. Usselman. 2,317,503; Apr. 27.
- Transmission line matching. P. S. Carter. Re. 22,374; Sept. 14.
- Transmission line tool. D. C. Hubbard. 2,316,243; Apr. 13.
- Transmission mechanism. A. W. Plensler. 2,321,317; June 8.
- Transmission mechanism. O. H. Shenstone. 2,314,064; Mar. 23.
- Transmission mechanism. L. E. Simmons. 2,335,318; Nov. 30.
- Transmission mechanism for motor vehicles. W. M. Blagden and H. Perkins. 2,308,351; Jan. 12.
- Transmission mechanism, Hydraulic. O. V. Malmquist. 2,324,308; July 13.
- Transmission mechanism, Hydraulic force. R. S. Bohannan. 2,307,196; Jan. 5.
- Transmission mechanism, Hydraulic force. R. S. Bohannan. 2,330,797; Oct. 5.
- Transmission network, Dual signal frequency. G. Mountjoy. 2,316,883; Apr. 20.
- Transmission of electrical signals having a direct current component. A. D. Blumlein. 2,307,387; Jan. 5.
- Transmission of sound and conversation. F. Roberts and A. W. Bennett. 2,326,253; Aug. 10.
- Transmission, Planetary turbine. A. G. Schneider. 2,333,681; Nov. 9.
- Transmission, Power. F. T. Harrington and K. Seidel. 2,307,585; Jan. 5.
- Transmission, Power. J. Robinson. 2,307,544; Jan. 5.
- Transmission, Power. W. P. Willett. 2,316,926; Apr. 20.
- Transmission, Presclective. K. Miller. 2,315,808; Apr. 6.
- Transmission reverse gearing. T. Backus. 2,311,201; Feb. 16.
- Transmission, Ring-type variable-speed. B. N. Palm. 2,336,799; Dec. 14.

- Transmission shift mechanism. O. E. Fishburn. 2,309,837; Feb. 2.
- Transmission synchronizer. P. Orr. Re. 22,281; Mar. 2.
- Transmission synchronizer. W. B. Osborne. 2,325,873; Aug. 3.
- Transmission synchronizer. S. O. White. Re. 22,265; Feb. 9.
- Transmission synchronizing mechanism. O. E. Fishburn. 2,333,165; Nov. 2.
- Transmission system. F. A. Leibe. 2,315,434-5; Mar. 30.
- Transmission system employing pulse modulation. W. A. Bently. 2,326,944; Sept. 7.
- Transmission system for ultra short waves. H. Buchholz. 2,317,439; Apr. 27.
- Transmission system, Radio. H. W. Kline. 2,334,011; Nov. 9.
- Transmission system regulation. R. K. Bullington. 2,326,826; Aug. 17.
- Transmission system regulation. P. G. Edwards. 2,329,770; Aug. 17.
- Transmission system, Speech. M. K. Zinn. 2,321,723; June 15.
- Transmission system, Two-wire, two-way, local-central station. A. W. Donelson. 2,327,775; Aug. 24.
- Transmission, Turbo. J. Jandasek. 2,313,645; Mar. 9.
- Transmission unit. E. J. Karp. 2,334,775; Nov. 23.
- Transmission, Variable. W. E. Moffitt. 2,332,588; Oct. 2.
- Transmission, Variable speed. A. G. Bade. 2,328,536; Sept. 7.
- Transmission, Variable speed. W. L. Pollard. 2,322,231; June 22.
- Transmission, Variable speed friction. W. W. Macfarren. 2,308,090; Jan. 12.
- Transmitter. T. Becker. 2,314,487; Mar. 23.
- Transmitter. M. W. Muehter. 2,311,455; Feb. 16.
- Transmitter. W. van B. Roberts. 2,313,700; Mar. 9.
- Transmitter, Call. H. W. Goff. 2,329,466; Sept. 14.
- Transmitter, Call. C. A. Lovell, R. F. Mallina, and L. Vieth. 2,307,521; Jan. 5.
- Transmitter, Call. R. F. Mallina. 2,307,525; Jan. 5.
- Transmitter, Call. R. F. Mallina. 2,315,344; Mar. 30.
- Transmitter, Deflection. G. M. Taylor, L. R. Bradshaw, and S. G. Green. 2,335,890; Dec. 7.
- Transmitter, Emergency. H. B. Canon and J. L. Swallow. 2,310,017; Feb. 2.
- Transmitter, Facsimile. C. J. Young. 2,314,027; Mar. 16.
- Transmitter, Keyboard perforator. R. A. Lake. 2,308,518; Jan. 19.
- Transmitter, Modulated. R. H. George. 2,320,518; June 1.
- Transmitter, Pressure. C. H. Thompson. 2,312,201; Feb. 23.
- Transmitter, Pressure. J. W. Yowell. 2,313,610; Mar. 9.
- Transmitter, Tape. L. M. Potts. 2,329,217; Sept. 14.
- Transmitter, Telegraph. W. J. Zenner. 2,336,910; Dec. 14.
- Transmitter, Television. A. N. Goldsmith. 2,322,355; June 22.
- Transmitter, Television. J. R. Pierce. 2,324,534; July 20.
- Transmitters, Protective means for. P. D. Andrews. 2,331,530; Nov. 16.
- Transmitting and receiving system with electronic change-over device, Simultaneous. W. Hasenberg. 2,319,680; May 18.
- Transmitting and reproducing system, method and apparatus, Facsimile. A. E. Gerhard and E. G. Fraim. 2,334,181; Nov. 23.
- Transmitting apparatus for railway train communicating systems. P. N. Bossart. 2,309,747; Feb. 2.
- Transmitting apparatus for railway train communication systems. A. M. Cravath. 2,313,924; Mar. 16.
- Transmitting apparatus for railway train communication systems. A. M. Cravath. 2,327,249; Aug. 17.
- Transmitting characters by means of revolving drums. R. Hill. 2,335,410; Nov. 30.
- Transmitting communication for statistical purposes, Telegraphically. B. Galster, P. Mansel, H. Voigt, and H. Wlsteney. 2,335,404; Nov. 30.
- Transmitting mechanism, Power. B. W. Keese. 2,314,833; Mar. 23.
- Transmitting mechanism, Power. J. L. Underhill. 2,307,475; Jan. 6.
- Transmitting or receiving device comprising a dipole antenna. A. Van Weel. 2,315,170; Mar. 30.
- Transmitting system. F. W. Jackson. 2,328,556; Sept. 7.
- Transmitting system and apparatus. H. O. Peterson. 2,322,588; June 22.
- Transparent composite material. G. Slayter. 2,311,613; Feb. 16.
- Transparent sheets, Decorating and molding of. L. V. Casto. 2,311,156; Feb. 16.
- Transparent unbreakable nonrefillable container. T. B. and T. G. McGirr. 2,336,943; Dec. 14.
- Transplant, Automatic. A. D. Mast and L. A. Furlow. 2,333,945; Nov. 9.
- Transport. E. H. Graves. 2,321,198; June 8.
- Transportation ticket or other paper. G. C. Wehmann, Jr. 2,320,687; June 1.
- Transportation vehicle. J. B. Fellabaum. 2,333,853; Nov. 9.
- Transporter of tractors and other equipment. E. A. McLeneghan. 2,309,198; Jan. 26.
- Transverse expansion and contraction joint. F. O. Heltzer. 2,309,767; Feb. 2.
- Trap. See
- Animal trap. Power-operated animal trap.
 - Cleanout protected water seal trap.
 - Dairy sediment trap.
 - Drain trap.
 - Fly trap.
 - Gas discharging sewer trap.
 - Grease trap.
 - Incendiary bomb trap.
 - Light trap.
 - Mouse trap.
 - Trap. J. S. Galliano. 2,311,378; Feb. 16.
 - Trap. J. Turpan. 2,311,490; Feb. 16.
 - Trap and bait box therefor. F. Schreyer. 2,316,888; Apr. 20.
 - Trap for ground burrowing rodents. D. F. Jorgensen. 2,337,822; Dec. 28.
 - Trap for projectors, Light. H. Haber. 2,321,080; June 8.
 - Trash separator and beet piece saver. J. W. Butcher. 2,316,556; Apr. 13.
 - Travel case. I. W. Rosenthal. 2,318,527; May 4.
 - Travel limiting device. J. H. Michael and T. G. A. Sillers. 2,320,741; June 1.
 - Traveler. P. C. Wentworth. 2,333,755; Nov. 9.
 - Traveling guide means. W. F. Grinstead. 2,333,312; Nov. 2.
 - Traveling tool carrier. R. S. Stephens. 2,316,747; Apr. 13.
 - Traverser. M. J. Bratley. 2,324,817; July 20.
 - Traversing means for high speed winding. J. H. Thomas and E. Fletcher. 2,325,640; Aug. 3.
 - Tray. H. Auslander. 2,324,811; July 20.
 - Tray. M. Lichter. 2,328,563; Sept. 7.
 - Tray and cage, Incubating and hatching. G. T. Markey. 2,310,534; Feb. 9.
 - Tray and token holder combination. Ash. F. L. Weiss. 2,319,173; May 11.
 - Tray, Ash. E. P. Agnides. 2,316,831; Apr. 20.
 - Tray, Ash. A. F. Boho. 2,323,293; July 6.
 - Tray, Ash. J. D. Gerabty. 2,329,602-3; Sept. 14.
 - Tray, Ash. W. E. Powers. 2,327,452; Aug. 24.
 - Tray, Bubble. H. C. Glitsch. 2,309,309; Jan. 26.
 - Tray, Developing. H. Smith. 2,336,509; Dec. 14.
 - Tray display and container. W. A. Ringler. 2,314,424; Mar. 23.
 - Tray for automobile compartments, Sliding. J. H. Jackson. 2,323,045; June 29.
 - Tray for upholstered furniture, Extensible. K. J. Reynolds. 2,330,627; Sept. 28.
 - Tray, Freezing. R. H. Chilton. 2,337,450-1; Dec. 21.
 - Tray, Freezing. H. D. Geyer. 2,321,669; June 15.
 - Tray, Freezing. F. W. Sampson. 2,317,646; Apr. 27.
 - Tray, Freezing. C. H. Steensrup. 2,307,006; Jan. 5.
 - Tray, Glass. R. A. Miller. 2,316,529; Apr. 13.
 - Tray, Ice. C. R. Carney. 2,321,654; June 15.
 - Tray, Ice. C. R. Carney. 2,325,226; July 7.
 - Tray, Ice cube. G. C. Norris. 2,313,394; Mar. 9.
 - Tray, Impression. C. P. Jochum. 2,321,171; Feb. 23.
 - Tray, Paper. E. H. A. Berry. 2,334,985; Nov. 23.
 - Tray, Photographic developing. J. J. Brown. 2,307,017; Jan. 5.
 - Tray, Refrigerating. G. Pizarro. 2,323,486; July 6.
 - Tray, Seed germinating. L. V. Phelan. 2,318,711; May 11.
 - Tray, Serving. R. P. Gutterman. 2,314,935; Mar. 30.
 - Tray set. D. Heller. 2,309,190; Jan. 26.
 - Tray slide bracket. M. Caviechioli. 2,336,670; Dec. 14.
 - Trays and tray stack. J. R. Jones. 2,334,825; Nov. 23.
 - Trays, Birthday cake. M. O. Ingebrigtsen. 2,322,519; June 22.
 - Tread. H. M. Bishop. 2,329,582; Sept. 14.
 - Tread block core for endless tracks and the like. E. L. Allen and H. B. Muster. 2,335,228; Nov. 30.
 - Tread construction. W. M. McNeil. 2,322,965; June 29.
 - Tread crank mechanism, particularly for cycles. F. Lienhard. 2,326,235; Aug. 10.
 - Tread member for shoes. F. V. Nugent. 2,323,563; July 6.
 - Tread or the like, Manufacture of. A. H. Burkholder. 2,330,072; Jan. 19.
 - Tread, Reinforced. H. H. Bashore. 2,317,963; Apr. 27.
 - Tread unit for shoes. D. C. Hubbard. 2,307,727; Jan. 5.
 - Treadle and catch. H. W. Neunherz. 2,312,184; Feb. 23.
 - Treadle controlled toll checking system. B. Cooper. 2,313,627; Mar. 9.
 - Treadle lever drive, especially for bicycles. A. Huber. 2,312,645; Mar. 2.
 - Treadle mechanism. A. Eppler, Jr. 2,336,395; Dec. 7.
 - Treadle roll for looms. J. T. Ruist. 2,309,985; Feb. 2.
 - Treads, Manufacture of. W. H. Sayre. 2,317,960; Apr. 27.
 - Treading apparatus. M. Cornell. 2,324,824; July 20.
 - Treating emulsion. M. R. Hatfield. 2,336,482; Dec. 14.

- Treating ferrophosphorus. G. L. Bridger. 2,320,342; June 1.
- Treating fish livers to remove the oil therefrom. L. O. Benton and S. T. Lipsius. 2,325,367; July 27.
- Treating fresh fruit. Process of and composition for. I. J. Rhoden. 2,322,128; Oct. 19.
- Treating gasoline. J. J. Allison, J. W. Poole, and F. R. Grant. 2,323,970; June 29.
- Treating hydrocarbons. W. A. Schulze and L. C. Morris. 2,315,875; Apr. 6.
- Treating iron ore. R. H. B. Jones. 2,326,618; Dec. 14.
- Treating sulphate waste liquors. E. G. Goodell. 2,331,621; Nov. 16.
- Treatment of crankcase oil. J. A. Lautrette. 2,315,861; Apr. 6.
- Treatment of drilling fluids. T. B. Wayne. 2,331,282; Oct. 12.
- Treatment of mudladen drilling fluids. T. B. Wayne. 2,331,279-81; Oct. 12.
- Treatment of organic material and resulting product. E. E. Grether. 2,317,992; May 4.
- Treatment of sludge. H. Bach. 2,315,577; Apr. 6.
- Treatment of textile materials. J. L. Baggett. 2,328,600; Sept. 7.
- Treatment of waste water. W. Graham. 2,309,062; Jan. 19.
- Tree, Artificial. J. H. Peroni. 2,309,977; Feb. 2.
- Tree bracket. M. Krause. 2,311,466; Feb. 16.
- Tree feller. Z. Fehel. 2,332,526; Oct. 26.
- Tree holder. W. A. Companger. 2,327,403; Aug. 24.
- Tree mover. B. C. Delbel. 2,319,536; May 18.
- Tree moving apparatus. A. L. Pearson. 2,336,122; Dec. 7.
- Tree removing and supporting apparatus. J. A. Vogel. 2,314,567; Mar. 23.
- Tree removing and transplanting apparatus. J. A. Vogel. 2,314,568; Mar. 23.
- Tree shaver. A. P. Ravendie. 2,336,460; Dec. 11.
- Trees. Pollination of. M. W. Patton. 2,321,801; July 20.
- Trellis support. H. H. Hummel. 2,331,397; Oct. 12.
- Trencher. J. A. Smith. 2,329,659; Sept. 11.
- Trenching machine. A. R. Askue. 2,321,352; June 8.
- Trushes. C. E. Dalton. 2,317,141; Apr. 26.
- Trundle. E. P. Deagle. 2,327,922; Aug. 2.
- Trial frame. L. J. Alger. 2,317,873; Apr. 27.
- Trisulph and triaryl phosphates. Process for the purification of. H. Havemann and K. Welchert. 2,335,511; Nov. 30.
- Triamino-diphenyl-naphthyl-methane dyestuffs. Manufacture of. H. I. Stryker. 2,337,425; Dec. 21.
- Triazine derivatives. G. F. D'Allelo. 2,312,692; Mar. 2.
- Triazine derivatives. G. F. D'Allelo. 2,312,694; Mar. 2.
- Triazine derivatives. G. F. D'Allelo. 2,312,701; Mar. 2.
- Triazine derivatives. G. F. D'Allelo. 2,315,939; Apr. 6.
- Triazine derivatives. G. F. D'Allelo. 2,324,826; July 20.
- Triazine derivatives. G. F. D'Allelo and J. W. Underwood. 2,324,285-6; July 13.
- Triazine derivatives. G. F. D'Allelo and J. W. Underwood. 2,328,958-9; Sept. 7.
- Triazine derivatives. G. F. D'Allelo and J. W. Underwood. 2,328,961; Sept. 7.
- Triazine derivatives. G. F. D'Allelo and J. W. Underwood. 2,335,045; Nov. 23.
- Triazinyl carboxy-alkyl sulphides and salts thereof. G. F. D'Allelo and J. W. Underwood. 2,312,699; Mar. 2.
- Triazone ring compounds. W. J. Burke. 2,321,989; June 15.
- Tri-(β -carboxyethyl)-acetone. H. A. Bruson. 2,329,433; Sept. 14.
- Tri-(cyanoethyl)-acetone. H. A. Bruson. 2,311,183; Feb. 16.
- Tricycle. J. A. Conti. 2,310,064; Feb. 2.
- Trigger control. Synchronous. C. G. Trimbach. 2,329,668; Sept. 14.
- Trigger mechanism for firearms. C. B. Ferrel. 2,308,598; Jan. 19.
- Trigger mechanism for firearms. W. C. Roemer. 2,321,044; June 8.
- Trigger motor. G. W. Pontius, III, and G. A. Goepfrich. 2,322,775; June 29.
- Trigger operating mechanism. W. M. Fay. 2,321,287; June 8.
- Trigger safety for automatic firearms. G. Webb. 2,322,490; June 22.
- Trim material. W. R. Eady. 2,322,836; June 29.
- Trim structure. Snap-on. F. J. Westrope. 2,308,134; Jan. 12.
- Trim tool. A. W. Laing. 2,328,153; Aug. 31.
- Trimmer for abrasive disks. L. A. Smith. 2,333,958; Nov. 9.
- Trimmer mechanism for sewing machines. I. J. Frey. 2,323,750; July 6.
- Trimmer mechanism for sewing machines. F. Parry. 2,308,470; Jan. 12.
- Trimmer. Sheet. C. Silver. 2,327,223; Aug. 17.
- Trimming attachment for sewing machines. A. Krohn. 2,331,612; Oct. 12.
- Trimming board. F. M. Lund. 2,327,000; Aug. 17.
- Trimming for overalls. Metal. F. E. Mefford. 2,320,152; May 25.
- Trimming machine. W. G. Clayton. 2,309,045; Jan. 19.
- Trimming machine. S. R. Keller. 2,326,227; Aug. 10.
- Trimming machine. W. T. B. Roberts. 2,318,099; May 4.
- Trimming mechanism. A. Potdevin. 2,311,692; Feb. 23.
- Trimming mechanism. W. F. Zaleski and W. E. Woodcock. 2,309,726; Feb. 2.
- Trimming mechanism for grid plates. C. L. Feldtkeller. 2,322,351; June 22.
- Trimethyl-hydroquinone condensation product and manufacture of same. J. A. Aeschlimann. 2,307,010; Jan. 5.
- Trip device for well apparatus. R. C. Baker. 2,330,258; Sept. 28.
- Trip lock. H. W. Neunhauer. 2,327,735; Aug. 24.
- Trip mechanism for table leaf brace. T. E. McFall. 2,322,351; Apr. 13.
- Trip mechanism. Phonograph. E. O. Thompson. 2,307,170; Jan. 5.
- Tripping mechanism for record changing apparatus. A. L. Knox. 2,330,293; Sept. 28.
- Triple valve bracket. T. H. Birch. 2,316,218; Apr. 13.
- Tripped and other constructions. W. H. Machin. 2,327,728; Aug. 24.
- Tripod carrying case. R. L. Smith. 2,313,593; Mar. 9.
- Tripod construction. B. J. Foy. 2,312,893; Mar. 2.
- Tripod jack. R. L. Dierckmeier and E. M. Pfauter. 2,327,180; Aug. 17.
- Tripod particularly applicable to photographic cameras. V. E. Whitman. 2,333,501; Nov. 2.
- Trisubstituted and making same. Drastically-oxidized water-insoluble. J. H. De Groot and B. Keiser. 2,331,391; Nov. 16.
- Trolley. J. G. Jackson and R. H. Kingdon. 2,322,640; June 22.
- Trolley clamp. H. Cappellanti. 2,329,391; Sept. 14.
- Trolley conductor support. A. G. Denbin. 2,329,340; Sept. 14.
- Trolley crossing and switch device. W. J. Lewis. 2,316,441; Apr. 13.
- Trolley derailer. W. C. Klein. 2,330,780; Sept. 28.
- Trolley for overhead conveyors or the like. J. Kueho. Jr. 2,333,867; Nov. 9.
- Trolley plow. Safety. R. Hans. 2,316,064; Apr. 6.
- Trolley pole head. T. R. Rideout. 2,326,065; Aug. 3.
- Trolley retriever mechanism. J. Budner. 2,324,761; July 20.
- Trolley system, Overhead. L. S. Holtmeier. 2,328,906; Sept. 7.
- Trolley system, Overhead. W. J. Lewis. 2,337,827; Dec. 28.
- Trolley wire support. S. S. Matthes. 2,325,788; Aug. 3.
- Rolling device. A. M. Davidson and C. A. King. 2,317,445; Apr. 27.
- Trough. Hog. O. F. Zahn. 2,308,735; Jan. 19.
- Trough supporting and connecting means. Shaker conveyor. E. R. Bergmann. 2,335,477; Nov. 30.
- Trough supporting means for shaker conveyors. E. R. Bergmann. 2,331,956; Oct. 19.
- Trough, Vibrating conveyor. T. Rapp. 2,332,600; Oct. 26.
- Trough, Vibrating conveyor. T. Rapp. 2,333,338; Nov. 2.
- Trousers supporting means. W. Gluckmann. 2,308,278; Jan. 12.
- Trunk holder. F. P. Moran. 2,322,152; June 15.
- Truck. P. E. Bachman. 2,317,352; Apr. 27.
- Truck. G. B. Bauer. 2,312,377; Mar. 2.
- Truck. T. V. Buckwalter. 2,316,046; Apr. 6.
- Truck. T. V. Buckwalter. 2,326,093; Aug. 17.
- Truck. R. B. Cottrell. 2,315,047; Mar. 30.
- Truck. P. W. Eaton. 2,325,568; July 27.
- Truck. A. H. Oelkers. 2,324,267; July 13.
- Truck. A. H. Oelkers. 2,330,784; Sept. 28.
- Truck. C. S. Schroeder. 2,335,575; Nov. 30.
- Truck and boom therefor. Trailer. B. A. Mosling. 2,331,713; Oct. 12.
- Truck and its brake mechanism. Railway car. V. Willoughby. 2,322,266; June 22.
- Truck and passenger vehicle. Combination. H. T. Vanhooker. 2,307,172; Jan. 5.
- Truck and trailer apparatus. A. H. Kirksey. 2,330,897; Oct. 5.
- Truck body. G. W. Parker, Jr. 2,318,794; May 11.
- Truck bolster. K. R. Hammerstrom. 2,335,509; Nov. 30.
- Truck bolster suspension means. H. E. Muchnic. 2,330,305; Sept. 28.
- Truck cable reel. J. R. Shoffner. 2,325,805; Aug. 3.
- Truck, Car. W. H. Baselt. 2,327,955; Aug. 24.
- Truck, Car. H. Y. Carpenter. 2,331,305; Oct. 12.
- Truck car. R. B. Cottrell. 2,312,881; Mar. 2.
- Truck, Car. R. B. Cottrell. 2,334,073; Nov. 9.
- Truck, Car. J. E. Fleppa. 2,333,920-21; Nov. 9.
- Truck, Car. G. V. McCormack. 2,317,389-91; Apr. 27.
- Truck, Carriage. G. V. McCormack. 2,319,008; May 11.
- Truck Clamp. R. J. Moorehead. 2,328,224; Aug. 31.
- Truck construction. R. Eksbergian, R. H. Horton, J. W. Morton, and N. K. Skivesen. 2,313,740; Mar. 16.
- Truck construction. G. K. Newell. 2,322,050; June 15.
- Truck, Dump. R. A. Quintin and E. W. Graham. 2,309,787; Feb. 2.
- Truck for carrying box-on-end-stacks. Hand. G. R. Woods. 2,312,461; Mar. 2.
- Truck for explosives. J. E. Turnock and J. E. Kirk. 2,309,145; Jan. 26.
- Truck for mine cars. Four-wheel. L. G. Miller and W. H. Statler. 2,324,943; July 20.

- Truck for railroad cars. K. F. Nystrom and V. L. Green. 2,323,348; July 6.
- Truck for screen printing apparatus. Spool. H. Fleisher and G. H. Tillett. 2,353,239; Nov. 2.
- Truck for trailer vehicles. L. W. Whitmer. 2,325,822; Aug. 3.
- Truck grader, Motor vehicle under-body. Le G. H. Hull. 2,321,833; June 15.
- Truck, Hand. L. Hanssen. 2,329,439; Sept. 14.
- Truck having booster mechanism. R. Hastings, Jr. 2,325,396; July 27.
- Truck, Industrial. R. C. Howell. 2,320,600-1; June 1.
- Truck, Industrial. G. V. Johnson. 2,337,109; Dec. 21.
- Truck, Industrial. C. S. Schroeder. 2,327,848; Aug. 24.
- Truck, Industrial. C. S. Schroeder. 2,331,734; Oct. 12.
- Truck, Industrial lift. G. V. Johnson. 2,321,029; June 8.
- Truck, Lift. G. Quayle. 2,309,138; Jan. 26.
- Truck, Lift. W. Stuebing, Jr. 2,329,145; Sept. 7.
- Truck, Material handling. E. A. Wagner. 2,325,445; July 27.
- Truck, Mining machine. A. L. Lee. 2,331,484; Oct. 12.
- Truck mixer. G. A. Visser. 2,316,137; Apr. 6.
- Truck, Motorized lift. H. J. Framhein. 2,327,583; Aug. 24.
- Truck pedestal structure, Railway. E. F. Dohe and W. J. Wilson. 2,319,920; May 25.
- Truck, Power driven. H. A. Wagner. 2,318,726; May 11.
- Truck, Rail-car. A. O. Williams. 2,336,661; Dec. 14.
- Truck, Railway. H. R. Bartell. 2,317,169; Apr. 20.
- Truck, Railway. R. R. Cease. 2,322,682; June 22.
- Truck, Railway. E. G. Hallquist. 2,317,377; Apr. 27.
- Truck, Railway. K. F. Nystrom, E. S. Beckette, and V. L. Green. 2,317,399; Apr. 27.
- Truck, Railway. H. M. Pfager. 2,330,912; Oct. 5.
- Truck, Railway car. L. E. Endsley. 2,329,257; Sept. 14.
- Truck, Railway vehicle. J. G. Blunt. 2,325,468; July 27.
- Truck, Refuse. C. C. Ottoson. 2,336,884; Dec. 14.
- Truck side frame. F. H. Spemmer. 2,322,599; June 22.
- Truck structure, Railway. W. C. Krauthotte. 2,319,606; May 18.
- Truck structure, Railway. K. F. Nystrom, E. S. Beckette, and V. L. Green. 2,317,398; Apr. 27.
- Truck, Trailer. O. E. Zoder. 2,317,508; Apr. 27.
- Truck unloader, Detachable. W. L. Erickson. 2,325,492; July 27.
- Truck, Vehicle supporting. R. C. Townsend. 2,316,374; Apr. 13.
- Truck, Well logging winch. E. H. Olmstead. 2,309,004; Jan. 19.
- Truck, Wrecking. D. Webster. 2,307,611; Jan. 5.
- Trucks into and from heated chambers of furnaces, Controlling movement of. C. W. Rudolph. 2,311,131; Feb. 16.
- Trucks, Tractor unit for industrial. I. F. Schreck. 2,336,642; Dec. 14.
- True airspeed indicator. R. D. Gilson. 2,318,153; May 4.
- Truing apparatus. L. J. Lallme. 2,326,661; Aug. 10.
- Trunk lock. O. Lalonde. 2,332,238; Oct. 19.
- Truss. E. B. Cline. 2,308,803; Jan. 19.
- Truss. E. B. Lane. 2,318,613; May 11.
- Truss construction for overswinging doors or the like. H. J. Crawford. 2,319,303; May 18.
- Tub, Bath. A. H. Haberstump. 2,326,534; Aug. 10.
- Tub construction. C. H. Widman. 2,322,407; June 22.
- Tub, Laundry. E. O. Dauch. 2,330,800; Oct. 5.
- Tube**
- Braun tube.**
- Cathode ray tube.
- Collapsible tube.
- Cooled electron tube.
- Current regulator tube.
- Discharge tube.
- Electric discharge tube.
- Electron discharge tube.
- Electron tube.
- Electronic tube.
- Fluorescent and phosphorescent tube.
- Heat exchange tube.
- High frequency tube.
- High voltage high current inner tube.
- Low voltage luminescent tube.
- Luminescent tube.
- Tube. C. A. Tome. 2,319,275; May 18.
- Tube and coupling. J. R. Dorman. 2,326,292; Aug. 10.
- Tube and head therefor. C. A. Tome. 2,332,414; Oct. 19.
- Tube and mount, Single use. M. K. Dresden. 2,315,319; Mar. 30.
- Tube base. J. R. Nelson. 2,330,838; Oct. 5.
- Tube casing and support. J. J. Grobe. 2,315,786-7; Apr. 6.
- Tube clamp. J. W. White and R. R. Harrison. 2,331,098; Oct. 5.
- Tube clamp. J. W. White and R. R. Harrison. 2,331,258; Oct. 5.
- Tube cleaning device. K. MacK. Urquhart. 2,328,865; Sept. 7.
- Tube corrugating apparatus. E. W. Riemenschneider. 2,324,026; July 13.
- Tube coupling. J. L. Douglass. 2,310,944; Feb. 16.
- Tube coupling. J. L. Douglass. 2,333,157; Nov. 2.
- Tube coupling. A. L. Parker. 2,316,806; Apr. 20.
- Tube coupling. A. L. Parker. 2,330,841; Oct. 5.
- Tube coupling. A. L. Parker, W. Hargrave, and J. N. Wolfram. 2,316,711; Apr. 13.
- Tube coupling. H. D. Stecher. 2,321,260; June 8.
- Tube coupling and making same. H. D. Stecher. 2,332,354-5; Oct. 19.
- Tube coupling means, Injector. I. Cowles. 2,313,323; Mar. 9.
- Tube couplings, Making. H. D. Stecher. 2,332,353; Oct. 19.
- Tube cutoff, Automatic. L. C. Shippy. 2,325,431; July 27.
- Tube cutoff mechanism. K. Sieg. 2,326,978; Aug. 17.
- Tube drawing apparatus. R. E. Slater. 2,327,936; Aug. 24.
- Tube drawing apparatus. J. A. Staples, B. J. and T. Lewin, and J. W. Goldenberg. 2,308,120; Jan. 12.
- Tube ends, Enlarging. A. A. Carlson and H. E. Karig. 2,330,556; Sept. 28.
- Tube expander. E. A. Dewald. 2,319,216; May 18.
- Tube extrusion apparatus. M. J. Dempsey. 2,337,804; Dec. 28.
- Tube filling and sealing machine, Collapsible. J. H. Fridén. 2,310,413; Feb. 9.
- Tube filling means. M. Halstead and P. R. Fechheimer. 2,336,355; Dec. 7.
- Tube fitting. W. E. Patten. 2,323,099; June 29.
- Tube fitting packaging unit. M. A. Elliott. 2,337,320; Dec. 21.
- Tube fitting, Universal. J. E. Clickner. 2,332,893; Oct. 26.
- Tube for pneumatic tire casings, Inner. G. C. Arey. 2,334,893; Nov. 23.
- Tube gun structures, Making cathode ray. S. J. Koch. 2,331,401; Oct. 12.
- Tube, High frequency. R. S. Briggs. 2,337,444; Dec. 21.
- Tube holding apparatus. W. P. Stuckert and H. H. Snyder. 2,337,528; Dec. 21.
- Tube lighting apparatus, Luminescent. C. P. Boucher. 2,317,845; Apr. 27.
- Tube, Making welded. S. W. Specht. 2,322,671; June 22.
- Tube manufacturing device, Inner. F. J. Shook. 2,311,600; Feb. 16.
- Tube oscillator, Negative transconductance. W. P. Mason. 2,332,102; Oct. 19.
- Tube reel, Seamless. R. B. Wiley. 2,334,853; Nov. 23.
- Tube rolling machine. A. Szabo, Jr. 2,336,133; Dec. 7.
- Tube socket, Acorn. W. S. Keith. 2,320,871; June 1.
- Tube socket structure, Multiple. A. C. Matthews. 2,312,181; Feb. 23.
- Tube structure. K. F. Mayers. 2,325,527; July 27.
- Tube systems and apparatus, Luminescent. C. P. Boucher and F. Kuhl. 2,317,844; Apr. 27.
- Tube testing apparatus. J. Mason. 2,337,259; Dec. 21.
- Tube type collector. H. O. Danz. 2,323,707-8; July 6.
- Tubes and circuits, High frequency. G. E. Pray and S. Riccobene. 2,326,801; Apr. 17.
- Tubes and rods, Machine for straightening, sizing, and polishing. W. Siegerist. 2,334,886; Nov. 23.
- Tubes and rods of sheet wood, Manufacture of. G. Moschetto. 2,307,848; Jan. 12.
- Tubes, Coating hollow. G. E. Holman. 2,309,612; Jan. 26.
- Tubes, Device for cleaning. W. B. Lincoln. 2,317,542; Apr. 27.
- Tubes, Forming. G. G. Harrington. 2,336,397; Dec. 7.
- Tubes, Igniter mercury-pool. K. J. Germeshausen. 2,325,603; Aug. 3.
- Tubes, Securing ends to. R. R. Frederick and A. W. Awot. 2,324,572; July 20.
- Tubes, Supporting collapsible. J. H. Fridén. 2,338,032; Dec. 28.
- Tubes, Testing. L. J. De Lanty. 2,315,943; Apr. 6.
- Tubing and making same, Lined fiber. C. B. Graves. 2,336,540; Dec. 14.
- Tubing board. M. G. Scott. 2,328,925; Sept. 7.
- Tubing cleaner. C. E. Blackburn. 2,321,275; June 8.
- Tubing, Coating. W. Brown. 2,319,657; May 18.
- Tubing, Collapsible. A. E. Chermack. 2,337,374; Dec. 21.
- Tubing, Flexible. W. E. Broedling. 2,321,064; June 8.
- Tubing foot, Hydraulic. S. M. Futral. 2,323,321; July 6.
- Tubing, Method and apparatus for making flexible. A. Dreyer. 2,314,611; Mar. 23.
- Tubing, Ornamental. H. Dreyfuss. 2,319,802; May 25.
- Tubing sets, Preparation of sterile. N. M. Nessel and E. J. Nawoj. 2,322,701; June 22.
- Tubular axle drive. R. P. Lewis. 2,322,149; June 15.
- Tubular bodies, Flanging. H. R. Austin. 2,310,158; Feb. 2.
- Tubular bodies, Manufacture of. C. Obiglio. 2,315,217; Mar. 30.
- Tubular container. E. Schulz. 2,315,229; Mar. 30.
- Tubular core. H. S. Price. 2,312,587; Mar. 2.
- Tubular ducts, Connecting halves of. R. Ortiz. 2,329,938; Sept. 21.
- Tubular latch. F. N. Fellows. 2,314,488; Mar. 23.
- Tubular metallic objects, Strengthening. H. E. Somes. 2,315,558; Apr. 6.
- Tubular night latch. L. Gutman. 2,307,038; Jan. 5.

- Tubular products, Process and apparatus for drying and conveying. O. W. Becker. 2,307,614; Jan. 5.
- Tubular structure and article. P. K. Goldman. 2,334,619; Nov. 16.
- Tubular structures, Flame hardening. F. C. Emery and E. E. Green. 2,318,145; May 4.
- Tucker mechanism. F. H. Peterson. 2,337,268; Dec. 21.
- Tuffing device. M. McIntyre. 2,317,914; Apr. 27.
- Tuffing machine. R. H. Bradwell. 2,314,339; Mar. 23.
- Tuffing machine. M. Chinnici and R. Canish. 2,329,458; Sept. 14.
- Tuffing machine. J. V. Parker. 2,330,615; Sept. 28.
- Tuffing machine and method. R. H. Windham. 2,311,802; Feb. 23.
- Tuffing machine, Mattress. L. L. McRoskey. 2,336,741; Dec. 14.
- Tuffing machine, Multiple needle. J. C. Cobble and G. B. Muse. 2,335,487; Nov. 30.
- Tuffing machine, Universal. P. R. and C. Tanis. 2,337,529; Dec. 21.
- Tubes, Radiating. P. O. McElmerbert. 2,322,865; June 20.
- Tumbler type lock. H. L. Hull. 2,326,358; Aug. 10.
- Turning material for polish finishing metal articles and method. W. G. Balz and L. R. Davidson. 2,318,579; May 11.
- Tuned circuit and associated devices therefor. P. S. Carter. 2,323,201; June 20.
- Turner, Automatic. B. A. Schwarz and L. Fichter. 2,320,893; June 1.
- Turner operating mechanism, Permeability. P. K. McGall. 2,329,635; Sept. 14.
- Tuning barrel for wind instruments. T. T. Kearns. 2,323,138; June 20.
- Tuning device for radio apparatus. F. E. Baum and T. N. D. Phillips. 2,310,547; Apr. 13.
- Tuning device for radio receivers. R. Mashlörrens. 2,310,303; Feb. 9.
- Tuning indicator device. A. T. Vossen. 2,316,916; Apr. 20.
- Tuning mechanism. H. J. Lyman, D. H. Mills, and W. H. Friedrich. 2,313,653; Mar. 9.
- Tuning mechanism for radio receivers, Automatic. L. H. Pitney. 2,322,387; June 22.
- Tuning mechanism for radio receiving sets. A. S. Wells. 2,310,003; Feb. 2.
- Tuning mechanism, Variable. F. W. Godsey, Jr. 2,330,047; Sept. 21.
- Tuning short-wave hollow-body resonator apparatus. A. H. Ryan. 2,323,720; July 6.
- Tuning structure for radio sets. S. S. Cramer. 2,318,572; May 4.
- Tuning system. R. De Cola. 2,312,211; Feb. 23.
- Tuning system, Multiband. C. S. Root. 2,309,014; Jan. 19.
- Tuning system, Permeability. C. Wentworth. 2,322,722; June 22.
- Tuning system, Variable permeability. R. L. Harvey. 2,323,376; July 6.
- Tungsten wires or rods, Treating fabricated. W. E. Mansfield. 2,308,700; Jan. 19.
- Tunnel cementing apparatus. M. F. Kemper. 2,313,826; Mar. 16.
- Tunnel construction. R. V. Proctor. 2,309,012; Jan. 19.
- Tunnel liner. G. O. Harm. 2,323,006; July 13.
- Tunnel liner segment. A. D. Wilkoff. 2,333,908; Nov. 9.
- Tunneling machine. C. C. Roe. 2,320,196; May 25.
- Turbidity meter. J. Katzman. 2,324,304; July 13.
- Turbine apparatus. E. A. Zetterquist. 2,326,112; Aug. 10.
- Turbine arrangement, Elastic fluid. H. Kraft. 2,332,322; Oct. 19.
- Turbine arrangement, Elastic fluid. S. V. R. Simkins and E. F. Harris. 2,322,598; June 22.
- Turbine blade apparatus. F. P. Gooch. 2,336,859; Dec. 14.
- Turbine blade construction. F. P. Corbett. 2,315,598; Apr. 6.
- Turbine blade fastening. R. P. Kroon. 2,326,145; Aug. 10.
- Turbine blade locking apparatus. W. H. Lloyd and J. A. Rydmark. 2,315,631; Apr. 6.
- Turbine blade, shroud fastening. W. D. Flanders. 2,315,610; Apr. 6.
- Turbine blade, shroud fastening. C. C. Franck. 2,315,611; Apr. 6.
- Turbine blade shroud fastening. J. K. Mosser. 2,315,641; Apr. 6.
- Turbine blade shroud fastening. A. H. Redding. 2,315,655; Apr. 6.
- Turbine blade, shroud fastening apparatus. J. F. Shalupa and W. H. Lloyd. 2,315,594; Apr. 6.
- Turbine blading. J. T. Retallata. 2,308,426; Jan. 12.
- Turbine construction. H. Zschokke. 2,327,839; Aug. 24.
- Turbine coupling. A. L. Parker. 2,330,841; Oct. 5.
- Turbine cylinder apparatus. K. R. Stearns. 2,308,897; Jan. 19.
- Turbine driven blower. A. Buchi. 2,322,824; June 20.
- Turbine, Elastic fluid. J. K. Salisbury. 2,314,289; Mar. 16.
- Turbine engine. E. F. Osborne. 2,323,617; July 6.
- Turbine gland apparatus. D. J. Mosshart. 2,330,730; Sept. 28.
- Turbine governing apparatus. M. Gottlieb. 2,332,910; Apr. 26.
- Turbine governing arrangement, Wide range. R. J. Caughey. 2,312,958; Mar. 2.
- Turbine, High temperature elastic fluid. R. Stroehlen. 2,333,053; Oct. 26.
- Turbine inlet piping. H. A. Altorfer and H. T. Loberg. 2,331,644-5; Oct. 12.
- Turbine or compressor. Radial flow elastic fluid. J. H. Doran. 2,318,990; May 11.
- Turbine plant, Gas. W. Traupel. 2,318,905; May 11.
- Turbine plants, Cooling of combustion. H. Holzwarth. 2,307,042; Jan. 5.
- Turbine regulator. C. R. Voorhess and H. N. Amerman. 2,336,150; Dec. 7.
- Turbine, Screw. J. Akins. 2,334,302; Nov. 16.
- Turbine shroud fastening. J. A. Davies. 2,315,601; Apr. 6.
- Turbine shrouding. C. C. Franck. 2,315,612; Apr. 6.
- Turbine system. P. West. 2,322,987; June 29.
- Turbine transmission or drive, Highspeed hydraulic. H. O. Putt. 2,317,938; Apr. 27.
- Turbines, Process relating to the operation of explosion. H. Holzwarth. 2,307,739; Jan. 12.
- Turbocompressor. V. S. De Bolt. 2,321,276; June 8.
- Turboengine. H. E. Chitt. 2,314,572; Mar. 23.
- Turbomachine. F. A. M. Heppner. 2,334,625; Nov. 16.
- Turbo transmission. J. Jandasek. 2,326,655; Aug. 10.
- Turbo transmission. J. Jandasek. 2,327,647; Aug. 24.
- Turbotransmission. J. Jandasek. 2,333,253; Nov. 2.
- Turbo spiking machine. E. C. Dontje. 2,314,035; Mar. 16.
- Turkey saddle. H. L. Abramson. 2,310,825; Feb. 9.
- Turnbuckle lock. S. Billett. 2,321,001; June 8.
- Turncock. W. B. Flynn. 2,313,331; Mar. 9.
- Turnplate for cane sugar mills. N. Capay. 2,314,074; Mar. 16.
- Turnstille. H. A. Gersbach. 2,309,893; Feb. 2.
- Turntable and mounting therefor. F. G. Manly. 2,313,084; Mar. 9.
- Turntable, Double. P. S. Gay. 2,335,661; Nov. 30.
- Turntable drive mechanism. E. O. Thompson. 2,316,858; Apr. 20.
- Turntable, Portable. R. G. Le Tourneau. 2,337,670; Dec. 28.
- Turnable suppressor for filament feedback disturbances. S. Whisk. 2,307,979; Jan. 12.
- Turning attachment. G. M. Class. 2,311,211; Feb. 16.
- Turning machine. De W. Clausen. 2,316,405; Apr. 13.
- Turning tool. C. H. Collins. 2,321,281; June 8.
- Turpentine and like matters, Hydrating. T. Hasselstrom. 2,330,579; Sept. 28.
- Turpentine, Redding. J. O. Reed. 2,308,715; Jan. 19.
- Turret. R. H. Walker. 2,319,895; May 25.
- Turret attachment for machine tools and the like, Multiple spindle. R. A. Johnstone. 2,322,450; June 22.
- Turret control. W. R. Tucker. 2,309,998; Feb. 2.
- Turret, Control. W. R. Tucker. 2,325,348; July 27.
- Turret device. J. Kreimberg and J. J. Richsel. 2,333,939; Nov. 9.
- Turret, Flush gun. H. H. McCallister. 2,336,557; Dec. 14.
- Turret for engine lathes. J. Vitale. 2,335,712; Nov. 30.
- Turret lathe, Multiple. D. E. Bench, M. A. Crosby, and H. A. Toulmin, Jr. 2,330,859; Oct. 5.
- Turret, Multiple chuck. R. G. Le Tourneau. 2,326,371; Aug. 10.
- Turret type injection press. R. Thoreson and W. Ernet. 2,332,056; Oct. 26.
- Turret-type universal joint. S. H. Brooks. 2,333,292; Nov. 2.
- Tweezer block. C. E. Harrison. 2,309,450; Jan. 26.
- Tweezers. E. M. Darling. 2,334,252; Nov. 16.
- 12 ketostearamide, Making. W. E. Hanford and R. H. Wiley. 2,320,232; May 25.
- Twin or individual chair or seat structure. O. S. Caesar and B. F. Monroe. 2,335,234; Nov. 30.
- Twist drill. C. Stevens. 2,322,894; June 29.
- Twist drills and machine for same. Grinding. F. A. Eich and P. E. Higgins. 2,328,549; Sept. 7.
- Twisting apparatus, False. N. S. Campbell. 2,307,821; Jan. 12.
- Twisting device. E. E. Dorr. 2,336,534; Dec. 14.
- Twisting machine. F. P. A. Corda. 2,326,621; Aug. 10.
- Twisting machine. F. P. A. Corda. 2,314,151; Mar. 16.
- 2-amino-1,3,5-triazine, Preparation of. J. P. English and J. H. Paden. 2,334,162; Nov. 16.
- 2-aminopyrimidine, Production of. E. T. Tisza, B. F. Duesel, and H. L. Friedman. 2,332,615; Oct. 26.
- 2-aminopyrimidines. R. O. Robin, Jr., and J. P. English. 2,309,759; Feb. 2.
- Two button, permanently off switch. E. G. Gaynor. 2,331,181; Oct. 5.
- Two button switch. E. G. Gaynor. 2,320,072; May 25.
- Two color injection die. W. R. Tucker. 2,333,059; Oct. 26.
- Two-color printing press. W. R. Hildebrand. 2,312,037; Feb. 23.
- Two compartment container. W. W. Crouch. 2,315,938; Apr. 6.
- Two-compartment container. W. W. Crouch and A. W. M. Dickens. 2,321,998; June 15.

- 2-cyano-1,3-butadienes. A. M. Clifford and J. R. Long. 2,328,890; Sept. 7.
- Two-cycle engine. I. H. Larson. 2,337,668; Dec. 28.
- Two-cycle engine. F. B. Vingling. 2,322,961; June 29.
- Two-cycle, supercharged, compound, Diesel engine. F. Marburg. 2,309,968; Feb. 2.
- 2,4-dioxo-3,3-dialkylpyrrolidines and the manufacture of same. O. Schnider. 2,328,232; Aug. 31.
- 2,4-lutidine and 2,5-lutidine, Separating. F. E. Cislak and O. D. Cunningham. 2,320,822; May 25.
- 4-oxazolidinone. Derivatives of. R. W. Stoughton. 2,338,064; Dec. 28.
- Two-hand control. B. J. Yanchenko. 2,328,765; Sept. 7.
- Two-hand control, Safety. E. Davis. 2,332,132; Oct. 19.
- 2-hydroxy-alkylamino-5-sulphobenzoic acid. P. Petitcolas and J. Frenkel. 2,316,809; Apr. 20.
- 2-hydroxy carbazone. W. H. von Glahn and B. W. Rottschaefer. 2,328,588; Sept. 7.
- 2-Mercapto-thiazoline, Manufacture of. S. D. Shinkle. 2,328,929; Sept. 7.
- 2-methyl-1,4-naphthoquinone, Preparation of. R. W. Price and G. H. Carlson. 2,331,725; Oct. 12.
- Two-phase composition and preparing the same. W. C. Geer. 2,335,405; Nov. 30.
- 2,6-trimethyl phenol, Separating. A. De Benedictis and D. B. Lutz, Jr. 2,336,720; Dec. 14.
- Two way rail anchor, The plate interlocking. P. H. Hamilton. 2,325,551; Aug. 3.
- Two-way speed control valve. L. A. Ward. 2,337,512; Dec. 21.
- Two-way telephone system. U. S. Berger. 2,332,430; Oct. 19.
- Two-way trunk circuit. B. A. Wallace. 2,310,481; Feb. 9.
- Type. E. Thorell. 2,312,782; Mar. 2.
- Type-bar buffer for typewriters, Compensating. H. W. Young. 2,314,677; Mar. 23.
- Type bar cushioning pad. G. Prezioso. 2,329,942; Sept. 21.
- Type, Printing. G. Chisholm. 2,332,437; Oct. 19.
- Type tie-up. J. J. Riehl. 2,310,709. Feb. 9.
- Type-locked stop unit. R. W. Hewitt. 2,326,208; Aug. 10.
- Typewriter. A. S. Dennis. 2,331,827; Oct. 12.
- Typewriter. J. Q. Sherman. 2,307,509; Jan. 12.
- Typewriter attachment. E. O. Goodell. 2,309,184; Jan. 29.
- Typewriter case. M. Lipman. 2,311,057; Feb. 16.
- Typewriter casing. J. F. Koca. 2,308,179; Jan. 12.
- Typewriter casing. G. Prezioso. 2,316,617; Apr. 13.
- Typewriter combination. J. S. Edison. 2,322,289; June 22.
- Typewriter desk. J. H. Page. 2,311,861; Feb. 23.
- Typewriter hood. M. G. Logan. 2,325,962; Aug. 3.
- Typewriter punching machine, Intercontrolled. C. R. Doty. 2,318,299; May 4.
- Typewriting and computing machine, Combined. H. L. Pitman. 2,311,863; Feb. 23.
- Typewriting and computing machine, Combined. H. L. Pitman. 2,323,622; July 6.
- Typewriting and computing machine, Combined. V. F. Schneble. 2,318,425; May 4.
- Typewriting and like machine. E. S. Dodge and J. Tobin. 2,326,291; Aug. 10.
- Typewriting and like machine. F. W. Schremp. 2,312,676; Mar. 2.
- Typewriting and like machine. R. G. Thompson. 2,326,312; Aug. 10.
- Typewriting-calculating machine. R. Anschütz. 2,335,251; Nov. 30.
- Typewriting-calculating machine. H. E. Kümmel. 2,308,924; Jan. 19.
- Typewriting-calculating machine with several cross totalizers. R. Anschütz. 2,308,906; Jan. 19.
- Typewriting machine. L. C. Antrim. 2,307,351; Jan. 5.
- Typewriting machine. J. P. Barkdoll. 2,336,976; Dec. 14.
- Typewriting machine. R. J. Bastow and J. R. Coburn. 2,317,170; Apr. 20.
- Typewriting machine. R. L. Bredimus. 2,316,666; Apr. 13.
- Typewriting machine. F. M. Carroll. 2,320,810; June 1.
- Typewriting machine. R. W. Davidson. 2,315,689; Apr. 6.
- Typewriting machine. W. A. Dobson. 2,317,183; Apr. 20.
- Typewriting machine. W. A. Dobson. 2,328,375-7; Aug. 31.
- Typewriting machine. W. A. Dobson. 2,337,593; Dec. 28.
- Typewriting machine. R. D. Dodge. 2,328,624; Sept. 7.
- Typewriting machine. R. D. Dodge. 2,330,960; Oct. 5.
- Typewriting machine. R. D. Dodge and J. E. Wood. 2,315,693; Apr. 6.
- Typewriting machine. G. F. Handley. 2,307,268; Jan. 5.
- Typewriting machine. G. F. Handley and W. O. Michelson. 2,311,257; Feb. 16.
- Typewriting machine. G. F. Handley and W. O. Michelson. 2,334,261; Nov. 16.
- Typewriting machine. W. F. Helmond. 2,316,865; Apr. 20.
- Typewriting machine. W. F. Helmond. 2,327,423; Aug. 24.
- Typewriting machine. W. F. Helmond. 2,333,566; Nov. 2.
- Typewriting machine. L. B. Hill and E. G. Moshier. 2,328,146; Aug. 31.
- Typewriting machine. L. B. Hill and E. G. Moshier. 2,331,120; Oct. 5.
- Typewriting machine. C. T. Jackson. 2,318,314; May 4.
- Typewriting machine. J. J. Kittel. 2,322,524; June 22.
- Typewriting machine. W. O. Michelsen. 2,307,942; Jan. 12.
- Typewriting machine. J. F. Smathers. 2,307,164; Jan. 5.
- Typewriting machine. J. F. Smathers. 2,315,744; Apr. 6.
- Typewriting machine. O. J. Sundstrand. 2,310,717; Feb. 9.
- Typewriting machine. O. J. Sundstrand. 2,326,409; Aug. 10.
- Typewriting machine. I. Szegö and E. Keszler. 2,307,339; Jan. 5.
- Typewriting machine. R. G. Thompson. 2,312,737; Mar. 2.
- Typewriting machine. J. Toggenburger. 2,320,487; June 1.
- Typewriting machine. R. von Reppert. 2,315,992; Apr. 6.
- Typewriting machine. E. L. Wise. 2,334,464; Nov. 16.
- Typewriting machine, Shorthand. C. C. M. Palanque. 2,318,519; May 4.
- Typing-projection system. E. H. Unkles. 2,307,433; Jan. 5.
- Typographic printing ink vehicle and preparing. A. E. Gessler. 2,335,505; Nov. 30.
- Typographical composing, casting, and distributing machine. J. C. Plataras. 2,307,069; Jan. 5.
- Typographical composing, casting, and distributing machine. J. C. Plataras. 2,307,072; Jan. 5.
- Typographical composing machine. H. A. Burt. 2,314,768; Mar. 23.
- Typographical composing machine. F. D. George. 2,314,536; Mar. 23.
- Typographical composing machine. J. C. Plataras. 2,307,071; Jan. 5.
- Typographical machine. G. W. Allan and A. H. Simpson. 2,314,324; Mar. 23.
- Typographical slug casting machine. W. J. Turenne. 2,315,234; Mar. 30.
- Typographical slug casting molds, Manufacture of the cap portions of. G. W. Allison. 2,307,185; Jan. 5.
- Udder bag. E. G. Doughty. 2,331,601; Oct. 12.
- Ultra high frequency generator. F. Lüdi. 2,323,613; July 6.
- Ultra high frequency impedance measuring apparatus. M. W. Scheldorf. 2,337,934; Dec. 28.
- Ultra high frequency oscillator. W. van B. Roberts. 2,308,391; Jan. 12.
- Ultra short wave amplifier circuit. J. Müller. 2,310,455; Feb. 9.
- Ultra short wave apparatus. H. Tunick. 2,337,214; Dec. 21.
- Ultra short wave tube. K. Kohl. 2,329,540; Sept. 14.
- Ultraviolet exposure chamber. E. K. Knott. 2,309,124; Jan. 26.
- Ultraviolet filter. B. H. Carroll. 2,327,764; Aug. 24.
- Ultra violet lamp. J. W. Marden and M. G. Nicholson, Jr. 2,311,487; Feb. 16.
- Ultraviolet tube. C. W. McKinley and W. S. Brian. 2,336,183; Dec. 7.
- Umbilical cord. P. Riccardi. 2,307,377; Jan. 5.
- Umbrella. A. Farkas and W. Farkas. 2,319,118; May 11.
- Umbrella. R. D. Lyon. 2,328,822; Sept. 7.
- Umbrella. E. R. Morando. 2,336,116; Dec. 7.
- Umbrella, Adjustable. G. A. Houseman. 2,335,184; Nov. 23.
- Umbrella and article carrying attachment. G. C. Ford. 2,319,729; May 13.
- Umbrella attachment. Postman's. W. H. Major. 2,325,526; July 27.
- Umbrella cover, Removable. S. Weinberg. 2,317,160; Apr. 20.
- Umbrella ferrules. J. Levin. 2,329,629; Sept. 14.
- Umbrella, Field. H. L. Byars. 2,320,848; June 1.
- Umbrella, Folding. E. Janowsky. 2,334,330; Nov. 16.
- Umbrella frame assembly. J. Levin. 2,321,495; June 8.
- Umbrella handle and receptacle, Combined. H. A. Lillie. 2,312,041; Feb. 23.
- Umbrellas, Manufacture of. A. Wright. 2,327,688; Aug. 24.
- Unbalance correction method and machine. W. I. Senger. 2,331,733; Oct. 12.
- Uncoiler. F. Z. Fouze. 2,329,832; Sept. 21.
- Uncoiler. P. H. Washam, Jr. 2,323,104; June 29.
- Uncoupling means for the cars of toy trains. B. Bowen and R. L. Houghton. 2,318,741; May 11.
- Undercoat composition and making same. L. S. Engle. 2,331,544; Oct. 12.
- Under-cut sickle for windrowers. P. C. Viken. 2,316,475; Apr. 13.
- Undercutter. J. Sauerwein. 2,327,374; Aug. 24.
- Under-drive for traveling cranes, monorails, and the like. A. L. Medenwald, E. B. Spencer, and G. B. Morris. 2,317,689; Apr. 27.
- Underframe construction for rail cars, End. A. G. Dean. 2,331,891; Oct. 19.
- Undergarment. H. Blau. 2,309,822; Feb. 2.
- Undergarment. C. Bullinger. 2,323,451; July 6.
- Undergarment. A. M. Butler. 2,312,025; Feb. 23.
- Undergarment. E. C. Clark. 2,320,408; June 1.

- Undergarment. H. Fredericksen. 2,313,992; Mar. 16.
Undergarment. A. J. Harwood. 2,310,367; Feb. 9.
Undergarment. A. J. Harwood. 2,336,248; Dec. 7.
Undergarment. A. R. Kneibler. 2,309,601; Jan. 26.
Undergarment. A. R. Kneibler. 2,319,138; May 11.
Undergarment. E. C. Madden and B. Murdock. 2,323,718; July 6.
Undergarment. D. L. McDonald. 2,328,087; Aug. 31.
Undergarment. H. H. Smith. 2,317,819; Apr. 27.
Undergarment. P. Snyder. 2,313,595; Mar. 9.
Undergarment. P. Snyder. 2,332,170; June 15.
Undergarment in the form of a girdle and making the same. D. M. Clark. 2,336,222; Dec. 7.
Undergarment for horseback riding. R. W. Clements. 2,318,199; May 4.
Undergarment. Man's. F. Chatfield and J. M. Lindh. 2,310,839; Feb. 9.
Undergarment. Man's. F. Chatfield and J. M. Lindh. 2,328,953; Sept. 7.
Undergarment. Women's. A. M. Moon. 2,333,268; Nov. 2.
Underskirt attachment. K. Wiley. 2,315,832; Apr. 6.
Underwater cable cutter. R. Temple. 2,314,528; Mar. 23.
Union. J. B. Nowak, E. A. Preston, and J. W. Sargent. 2,329,935; Sept. 21.
Union. C. K. Stillwagon. 2,318,112; May 4.
Union coupling. W. A. Shaw and A. O. A. Hodge. 2,327,464; Aug. 24.
Unit. Adjusting. F. M. Sallsbury and R. H. Dufort. 2,315,483; Mar. 30.
Unit for dehumidifying, filtering, cooling, and recirculating air. F. M. Young and S. K. Andersen. 2,337,518; Dec. 21.
Unit heat generator. P. Mango. 2,308,765; Jan. 19.
Unit heater. R. W. Kritzer. 2,333,317; Nov. 2.
Unit heater. E. H. Stempel and E. E. Johnson. 2,332,762; Oct. 26.
Unit heater. L. F. Wilson. 2,326,207; May 25.
Unit. Scaffold. J. C. Halferty. 2,316,952; Apr. 20.
Universal backless prevention device. E. W. McKinney. 2,328,732; Sept. 7.
Universal corn cutter. C. E. Kerr. 2,323,092; June 29.
Universal joint. E. S. Aker. 2,319,027; May 11.
Universal joint. A. Y. Dodge. 2,309,939; Feb. 2.
Universal joint. A. Y. Dodge. 2,322,570; June 22.
Universal joint. A. F. Greiner. 2,328,139; Aug. 31.
Universal joint. R. Suezek. 2,313,279; Mar. 9.
Universal joint. A. Vendity and M. P. Graham. 2,336,579; Dec. 14.
Universal joint. A. O. Williams. 2,337,287; Dec. 21.
Universal joint friction attachment. T. O. Rueb. 2,327,821; Aug. 24.
Universal machine tool. F. W. Hack. 2,318,938; May 11.
Universal measuring indicator. A. Menzer. 2,322,951; June 29.
Universal radius truing fixture for grinding machines. R. E. Root. 2,309,924; Feb. 2.
Universal seat back cover. J. M. Kline. 2,313,878; Mar. 16.
Universal stereo attachment for projectors and cameras. D. B. Steinman. 2,314,174; Mar. 16.
Universal tool. H. Long. 2,318,172; May 4.
Universal tool holder. A. Kouschpil. 2,332,449; Oct. 19.
Universally adaptable combination overflow and remote control drain. H. F. Becke and S. A. Young. 2,327,393; Aug. 24.
Unloader for compressors. J. Le Valley. 2,329,401; Sept. 14.
Unloading and loading mechanism. The. E. H. Kidder. 2,322,636; June 22.
Unloading mechanism. R. E. Lamberton. 2,334,633; Nov. 16.
Unloading mechanism. Compressor. P. Diserens. 2,332,372; Oct. 19.
Unsaturated degradation products of sterols and producing the same. W. Schoeller, A. Serini, F. Hildebrandt, L. Strassberger, J. Kathol, and W. Logemann. 2,323,584; July 6.
Unsymmetrical derivatives of 4,4'-diamino-diphenyl sulphone. H. A. Shonle and A. M. Van Arendonk. 2,325,344; July 27.
Unsymmetrical thiazolinocarboxyanine dyes and photographic emulsion. L. G. S. Brooker. 2,307,916; Jan. 12.
Upholstered door cover. S. A. Mayes. 2,334,881; Nov. 23.
Upholstered metal chair. H. L. Walker. 2,332,619; Oct. 26.
Upholstering construction. H. J. Norwood. 2,325,269; July 27.
Upholstering furniture. P. Stadler. 2,327,143; Aug. 17.
Upholstering material. C. Herrmann. 2,310,785; Feb. 9.
Upholstery. J. R. Millar. 2,318,702; May 11.
Upholstery construction. R. A. Parker, M. Kiessling, and M. J. Kiessling. 2,330,617; Sept. 28.
Upholstery material. J. R. Millar. 2,311,068; Feb. 16.
Upholstery pin. F. S. Welch. 2,334,662; Nov. 16.
Upper trimming means. B. Jorgensen. 2,324,512; July 20.
Uppers over lasts, Machine for shaping. R. W. Cummings. 2,337,085; Dec. 21.
Upsetting mechanism. R. L. Wilcox. 2,327,479; Aug. 24.
Urea and thiourea derivatives. J. S. Buck and E. J. de Beer. 2,336,464; Dec. 14.
Urea-formaldehyde molding composition. F. Nozicka. 2,335,440; Nov. 30.
Urea-formaldehyde resin molding. C. R. Stock. 2,335,366; Nov. 2.
Urea-formaldehyde-triethanolamine hydrochloride condensation product. G. F. D'Alelio. 2,317,181; Apr. 20.
Urinal. L. Strite and G. U. Small. 2,310,658; Feb. 9.
Urinal bag. L. I. Blackburn and L. de Cordova. 2,310,505; Feb. 9.
Urine collector. R. Cohen and M. L. Blatt. 2,333,297; Dec. 2.
Utensil, Coffee brewing. O. E. Neshaim. 2,319,511; May 18.
Utensil, Combination. J. Di Pietro. 2,331,068; Oct. 5.
Utensil, Enamelled cooking. R. S. Cobb and W. B. Moore. 2,315,475; Mar. 30.
Utility bag. M. Freedland. 2,326,452; Aug. 10.
Utility board and sign, Combination. W. Walker. 2,308,556; Jan. 19.
Utilization of foul steam for hydrogen sulphide removal. W. H. Shiffler and L. P. Elliott. 2,312,365; Mar. 2.
V-belt. W. T. Wagner. 2,323,740; July 6.
Vacuum and packer treatment of coffee. O. A. Schmitt. 2,338,012; Dec. 28.
Vacuum apparatus. Manufacture of. H. S. Cooke. 2,324,559; July 20.
Vacuum breaking valve. D. M. Anderson. 2,328,598; Sept. 7.
Vacuum bottle support. O. M. Anderson. 2,324,253; July 13.
Vacuum cleaner. O. M. Anderson and N. T. Almquist. 2,333,226; Nov. 2.
Vacuum cleaner. G. R. Coss. 2,322,223; June 22.
Vacuum cleaner. F. C. Doughman. 2,307,827; Jan. 12.
Vacuum cleaner. D. M. Dow. 2,332,208; Oct. 19.
Vacuum cleaner. D. M. Dow, F. H. Burmeister, and C. A. Lindberg. 2,316,674; Apr. 13.
Vacuum cleaner. D. M. Dow and G. D. Welles. 2,314,081; Mar. 16.
Vacuum cleaner. R. E. Dunbar. 2,327,181; Aug. 17.
Vacuum cleaner. A. A. Forsberg. 2,314,858; Mar. 23.
Vacuum cleaner. O. Holm-Hansen. 2,312,965; Mar. 2.
Vacuum cleaner. H. G. Hunt. 2,331,692; Oct. 12.
Vacuum cleaner. P. J. Kircher. 2,332,234; Oct. 19.
Vacuum cleaner. R. C. Lampe. 2,324,306; July 13.
Vacuum cleaner. W. Leathers. 2,333,017; Oct. 26.
Vacuum cleaner. G. E. Lofgren. 2,332,428; Mar. 2.
Vacuum cleaner. G. E. Lofgren. 2,321,322; June 8.
Vacuum cleaner. G. E. Lofgren. 2,322,948; June 29.
Vacuum cleaner. G. E. Lofgren. 2,325,188; July 27.
Vacuum cleaner. G. E. Lofgren. 2,335,428; Nov. 30.
Vacuum cleaner. J. A. McAnaney. 2,327,810; Aug. 24.
Vacuum cleaner. G. R. Paulus. 2,307,558; Jan. 5.
Vacuum cleaner. R. A. Ponselle. 2,327,558; Aug. 24.
Vacuum cleaner. R. A. Ponselle. 2,333,963; Dec. 7.
Vacuum cleaner. C. E. Stevens. 2,335,031; Nov. 23.
Vacuum cleaner and supporting means therefor. Tank type. W. J. Clements. 2,311,369; Feb. 16.
Vacuum cleaner appliance. D. H. Reeves. 2,333,339; Nov. 2.
Vacuum cleaner coupling construction. A. W. Gardes. 2,328,003; Aug. 31.
Vacuum cleaner dust bag. R. K. Osterdahl. 2,324,231; July 13.
Vacuum cleaner electric indicator. W. Leathers. 2,320,368; June 1.
Vacuum cleaner having a suction set which is movable over the surface to be cleaned. Electric. J. van der Heem. 2,326,514; Aug. 31.
Vacuum cleaner support. J. W. Sheker. 2,319,638; May 18.
Vacuum cleaning apparatus. R. D. Mason. 2,323,554; July 6.
Vacuum closing machine. W. Pechy. 2,323,930; July 13.
Vacuum condensation pump. A. C. Durdin, Jr.; 2,315,946; Apr. 6.
Vacuum control of clutch capacity. J. Dolza. 2,310,518; Feb. 9.
Vacuum controlling device for carburetors. A. C. Gutenberg and R. L. Brower. 2,314,141; Mar. 16.
Vacuum device. H. Scherbak. 2,325,575; July 27.
Vacuum distillation process and apparatus. R. F. Scott and A. C. Plewes. 2,313,175; Mar. 9.
Vacuum gauge. B. Salzberg and R. B. Nelson. 2,334,356; Nov. 16.
Vacuum governor and spark control, Combination. R. Hufford. 2,332,515; Oct. 26.
Vacuum governor and spark control, On-center valve. R. Hufford. 2,327,599; Aug. 24.
Vacuum operated window regulator. R. H. Dean. 2,323,519; July 6.
Vacuum pan. J. R. Carreras. 2,326,619; Aug. 10.
Vacuum pan. J. Hamill. 2,312,407; Mar. 2.
Vacuum pressure pump. L. B. Harrington. 2,319,228; May 18.
Vacuum pump. J. Dubrovina. 2,337,849; Dec. 28.

- Vacuum pump or compressor, Rotary vane. A. Sobek. 2,314,056; Mar. 16.
- Vacuum relief valve. D. E. Larson. 2,310,447; Feb. 9.
- Vacuum sealing device. W. H. Exley. 2,335,502; Nov. 30.
- Vacuum trap, Self-venting. I. Kirshenbaum and H. McCabe. 2,317,467; Apr. 27.
- Vacuum tube. R. C. Hergenrother. 2,324,776; July 20.
- Vacuum tube amplifying apparatus. C. H. Bidwell and P. V. Koos. 2,315,662; May 11.
- Vacuum tube apparatus. J. W. Skehan and G. J. Agule. 2,315,280; Mar. 30.
- Vacuum tube seal and method. C. V. Litton. 2,309,967; Feb. 2.
- Valance and drapery and curtain supporting means, Combined. V. S. Lee. 2,329,516; Sept. 14.
- Valance or the like. R. C. Pratt. 2,332,339; Oct. 19.
- Valuable subterranean deposits, Locating. L. W. Blau. 2,337,443; Dec. 21.
- Value stamping and vending machine. W. H. Wheeler, Jr. 2,335,718; Nov. 30.
- Valve: See—
- Adjustable, characteristic control valve.
 - Adjustable hydraulic valve.
 - Air valve.
 - Altitude-controlled valve.
 - Automatic air vent valve.
 - Automatic choke valve.
 - Automatic cutoff valve.
 - Automatic drain valve.
 - Automatic shutoff valve.
 - Automatic valve.
 - Auxiliary air admission valve.
 - Balanced valve.
 - Bimetal valve.
 - Blow-off valve.
 - Blowout preventor and valve.
 - Booster valve.
 - Brake valve.
 - Bypass valve.
 - Carburetor valve.
 - Carburetor vapor relief valve.
 - Check valve.
 - Circulating valve.
 - Closing valve.
 - Conduit valve.
 - Control valve.
 - Delayed closing automatic water discharge valve.
 - Delivery valve.
 - Diaphragm valve.
 - Differential pressure loaded control valve.
 - Distributing valve.
 - Double seated valve.
 - Drain valve.
 - Dual atom valve.
 - Drinking valve.
 - Emergency cut-over valve.
 - Faucet valve.
 - Filler valve.
 - Filling valve.
 - Flat-top slush pump valve.
 - Flood valve.
 - Flow control valve.
 - Fluid control valve.
 - Fluid lift valve.
 - Fluid mixing valve.
 - Fluid pressure regulating valve.
 - Fluid valve.
 - Flush tank valve.
 - Flush valve.
 - Fuel control valve.
 - Gate valve.
 - Grain grinding gate valve.
 - Gravel packing valve.
 - Gravity operable valve.
 - Heat actuated safety shutoff valve.
 - Hot blast valve.
 - Hydraulic control valve.
 - Hydraulic controlling valve.
 - Hydraulic gate valve.
 - Hydraulic valve.
 - Indicator valve.
 - Inflation valve.
 - Injector discharge control valve.
 - Intermittent flow valve.
 - Light valve.
 - Liquid filling valve.
 - Loading valve.
 - Lubricated plug valve.
- Valve. H. Allen. 2,329,315; Sept. 14.
- Valve. S. H. Atkinson and C. P. Graham. 2,307,443; Jan. 5.
- Valve. H. L. Beekley, R. H. Gilbert, and R. H. Lacart. 2,319,578; May 18.
- Valve. H. A. Benzel. 2,333,288; Nov. 2.
- Valve. D. M. Berges. 2,308,583; Jan. 19.
- Valve. C. E. Branick. 2,310,892; Feb. 9.
- Valve. E. F. Brunner. 2,332,621; Oct. 26.
- Valve. W. C. Bucknam. 2,308,643; Jan. 19.
- Valve. F. D. Butler. 2,323,894; July 13.
- Valve. G. H. Clark. 2,310,516; Feb. 9.
- Valve. T. E. Cravens. 2,308,269; Jan. 12.
- Valve. E. J. Dillman. 2,335,824; Nov. 30.
- Valve. A. M. Edwards. 2,331,602; Oct. 12.
- Valve. W. Ernst. 2,316,944; Apr. 20.
- Valve. H. G. Fack. 2,337,321; Dec. 21.
- Valve. H. W. Goetz. 2,318,773; May 11.
- Valve. H. Z. Gora. 2,330,881; Oct. 5.
- Valve. D. G. Griswold. 2,328,008; Aug. 31.
- Valve. F. W. Guibert and F. B. Fuller. 2,321,743; June 15.
- Valve. C. H. Hart. 2,308,753; Jan. 19.
- Valve. F. H. Hehemann. 2,316,957; Apr. 20.
- Valve. F. R. Higley. 2,333,102; Nov. 2.
- Valve. E. A. Hoeh. 2,319,404; May 18.
- Valve. P. S. Jackson. 2,311,987; Feb. 23.
- Valve. C. F. Johnson. 2,310,583; Feb. 9.
- Valve. R. W. Johnson. 2,311,110; Feb. 16.
- Valve. E. S. Kaelin. 2,317,065; Apr. 20.
- Valve. W. J. Kiene. 2,325,325; July 27.
- Valve. H. B. King. 2,330,990; Sept. 28.
- Valve. E. J. Lauer. 2,310,963; Feb. 16.
- Valve. J. H. Laws. 2,328,349; Aug. 31.
- Valve. A. C. Layton. 2,318,236; May 4.
- Valve. O. H. Ludeman. 2,313,448; Mar. 9.
- Valve. O. C. Martin. 2,317,627-8; Apr. 27.
- Valve. W. K. Matheson. 2,333,805; Nov. 9.
- Valve. J. D. Mattimore. 2,336,694; Dec. 14.
- Valve. E. H. Mueller. 2,334,349; Nov. 16.
- Valve. R. W. Mueller. 2,336,282; Dec. 7.
- Valve. K. O. Nelson. 2,313,257; Mar. 9.
- Valve. R. L. Ohls. 2,314,732; Mar. 23.
- Valve. J. W. Overbeke. 2,322,658; Aug. 22.
- Valve. J. W. Overbeke. 2,326,487; Aug. 10.
- Valve. J. W. Overbeke and H. P. Kupiec. 2,327,210; Aug. 17.
- Valve. E. B. Schmidt and C. W. Yant. 2,325,802; Aug. 3.
- Valve. C. H. Scott. 2,318,638; May 11.
- Valve. M. J. Smith. 2,336,968; Dec. 14.
- Valve. W. V. Smith and F. R. Venton. 2,312,290; Feb. 23.
- Valve. C. B. Spangenberg. 2,336,647; Dec. 14.
- Valve. D. G. Taylor. 2,336,653; Dec. 14.
- Valve. W. O. Teeters and D. B. Salmon. 2,310,558; Feb. 9.
- Valve. W. A. V. Thomsen. 2,317,422; Apr. 27.
- Valve. A. W. Tondreau. 2,321,336; June 8.
- Valve. I. I. Tubbs. 2,318,115; May 4.
- Valve. W. G. Wilson. 2,330,020; Sept. 21.
- Valve. W. P. Yant. 2,318,827; May 11.
- Valve actuating mechanism. O. H. Banker. 2,325,932; Aug. 3.
- Valve actuating mechanism. W. M. Goodwin. 2,322,514; June 22.
- Valve actuating mechanism. L. R. Spencer. 2,322,172-4; June 15.
- Valve actuating mechanism, Locomotive. J. Kirchhof. 2,320,613; June 1.
- Valve and choke, Combination. H. Allen. 2,334,166; Nov. 16.
- Valve and gas sampling, Multiple sampling. M. G. Jacobson. 2,333,934; Nov. 9.
- Valve and gauge. F. C. Sutcliffe and R. Ashley. 2,324,544; July 20.
- Valve and operating the same. E. A. Rutledge. 2,326,686; Aug. 10.
- Valve and seat thereof, Needle. O. Natter. 2,330,610; Sept. 28.
- Valve and strainer construction. W. J. Robb. 2,332,114; Oct. 19.
- Valve and system of control therefor, Automatic. F. A. Gauger. 2,308,275; Jan. 12.
- Valve and the like, Power driven. H. E. Hodgson and C. W. Kuhn. 2,317,529; Apr. 27.
- Valve and valve seat. J. M. Shimer. 2,307,546; Jan. 5.
- Valve arrangement. G. B. Warren. 2,333,455; Nov. 2.
- Valve arrangement, Antileak. W. H. Allen and W. A. Deena. 2,312,063; Feb. 23.
- Valve arrangement for gas ranges. T. E. Phares. 2,335,443; Nov. 30.
- Valve arrester, Auto. S. C. Ppk. 2,324,108; July 13.
- Valve assembly. A. V. Hose. 2,322,517; June 22.
- Valve assembly. L. H. Kennon. 2,327,600; Aug. 24.
- Valve assembly. A. L. Parker. 2,308,300; Jan. 12.
- Valve assembly. A. L. Parker. 2,311,454-5; Feb. 16.
- Valve assembly. A. L. Parker. 2,318,962-4; May 11.
- Valve assembly. A. L. Parker. 2,335,670; Nov. 9.
- Valve assembly. R. S. Thoresen. 2,327,942; Aug. 24.
- Valve assembly, Balanced. G. T. Downey. 2,313,631; Mar. 9.
- Valve assembly, Flush tank float. F. J. Woodrum. 2,328,701; Sept. 7.
- Valve assembly for fuel systems. A. L. Parker. 2,314,512; Mar. 23.

- Valve assembly, Priming. A. L. Parker. 2,323,416; July 6.
- Valve chamber, Oval plug. R. M. Garrison. 2,316,413; Apr. 13.
- Valve circuit having a constant output, Thermionic. B. M. Hladfield. 2,308,752; Jan. 19.
- Valve closing means, Gas range. R. J. Lawrence. 2,314,995; Mar. 16.
- Valve construction. K. G. Cahaway. 2,309,338; Jan. 26.
- Valve construction. D. M. Hammett. 2,308,876; Jan. 19.
- Valve construction. J. C. Hobbs. 2,321,597; June 15.
- Valve construction. O. C. Martin. 2,311,562; Oct. 12.
- Valve construction. A. Roberts. 2,335,085; Nov. 23.
- Valve construction. R. C. Russell. 2,329,087; Sept. 7.
- Valve construction, Thermostatic. L. E. Rowman. 2,308,487; Jan. 19.
- Valve control. R. C. Benson and N. H. Mageoch. 2,315,339; Mar. 30.
- Valve control. R. C. Benson and W. F. Plume. 2,319,842; May 25.
- Valve control. F. M. MacDougall. 2,323,480; July 6.
- Valve control. E. J. Panish. 2,318,010; May 4.
- Valve control. W. B. Reed. 2,319,347; May 18.
- Valve control mechanism for liquid treating apparatus. C. M. Irwin. 2,320,052; Sept. 7.
- Valve control system, Electric. S. R. Durand. 2,331,896; Oct. 19.
- Valve cooling means. F. B. Yingling. 2,310,144; Feb. 2.
- Valve coupling. L. G. Speth. 2,319,015; May 11.
- Valve device. T. A. Creighton. 2,309,304; Jan. 26.
- Valve device. D. B. Gardiner and R. S. Miller. 2,324,690; July 29.
- Valve device. M. Langley. 2,335,067; Nov. 23.
- Valve device, Equalizing. C. C. Farmer. 2,308,870; Jan. 19.
- Valve diaphragm. V. C. Rogers and D. P. Barr. 2,321,880; July 20.
- Valve for automobile heaters. H. J. De N. McCollum. 2,325,189; July 27.
- Valve for bags. T. A. Contryman. 2,307,111; Jan. 5.
- Valve for carburetors. P. P. Bauernschmid. 2,331,161; Oct. 5.
- Valve for filling spouts, Automatic shutoff. W. A. Hanson. 2,316,631; Feb. 9.
- Valve for fluid compressors. C. V. Seawright. 2,307,336; Jan. 5.
- Valve for fuel injection systems. C. M. Bovard. 2,310,350; Feb. 9.
- Valve for fuel tanks. A. L. Parker. 2,324,464; July 20.
- Valve for fuel tanks, Sump selector. A. L. Parker. 2,332,007; Oct. 19.
- Valve for grease dispensers. S. J. Goldwater. 2,312,832; Mar. 2.
- Valve for hotwater systems, Automatic air vent. C. B. Simoneau. 2,331,431; Oct. 12.
- Valve for hydraulic coupling, Pump. N. L. Alfson. 2,325,090; July 27.
- Valve for liquids under gas pressure. E. Rotheim. 2,335,312; Nov. 30.
- Valve for milking machines. J. R. Lowry. Re. 22,366; Aug. 17.
- Valve for oil well swabs. R. B. Fraser. 2,324,689; July 20.
- Valve for oil wells. J. E. Fleming. 2,332,787; Oct. 26.
- Valve for pumps, Discharge. A. P. Adney. 2,319,574; May 18.
- Valve for road sanding machines. R. R. Elston. 2,324,181; Nov. 16.
- Valve for rock drills. W. A. Morrison. 2,307,847; Jan. 12.
- Valve for steam heated cabinets. E. Banks, Jr. 2,313,798; Mar. 16.
- Valve for water-cooled dental trays. F. J. and A. Gibbons, and M. Rom. 2,309,338; Jan. 26.
- Valve for wells, Bellows type slugging foot. A. Bynton. 2,317,356; Apr. 27.
- Valve forging machine. L. Blackmore and M. C. Kristek. 2,323,971; July 13.
- Valve gates, Device for reseating. R. P. Norton. 2,332,394; Oct. 19.
- Valve gear for plural valve control, Single. W. N. Hede- man and W. E. Snyder. 2,314,842; Mar. 23.
- Valve gauge. R. E. Acker. 2,323,508; July 6.
- Valve gear. W. A. Besserich. 2,326,747; Aug. 17.
- Valve gear. C. E. Hathaway. 2,321,061; June 12.
- Valve guide remover. H. A. Berkman. 2,308,413; Jan. 19.
- Valve handwheel. C. R. Crane, II, and W. J. Gartz. 2,307,392; Jan. 5.
- Valve housing, Drain. F. C. Kuhnle. 2,323,224; June 29.
- Valve keeper inserter. H. A. Berkman. 2,317,512; Apr. 27.
- Valve keeper tool. A. B. June. 2,318,866; May 11.
- Valve lifter. H. L. Oserowsky. 2,310,372; Feb. 9.
- Valve lifter and spring compressor. H. A. Berkman. 2,316,646; Apr. 13.
- Valve lock. E. C. Steiner. 2,314,059; Mar. 16.
- Valve lock remover and catcher. R. Monnot. 2,313,885; Mar. 16.
- Valve locking device. H. E. Heath. 2,316,956; Apr. 20.
- Valve means. E. L. Wiegand. 2,315,031; Mar. 30.
- Valve mechanism. V. O. Beam. 2,322,911; June 29.
- Valve mechanism. V. O. Beam. 2,333,913; Nov. 9.
- Valve mechanism. N. W. Dorman and R. W. Hadley. 2,329,254; Sept. 14.
- Valve mechanism. H. Harvey. 2,312,815; Mar. 2.
- Valve mechanism. H. B. Holthouse. 2,328,805; Sept. 7.
- Valve mechanism. C. C. Lamar. 2,335,519; Nov. 30.
- Valve mechanism. O. H. Ludeman. 2,307,628; Jan. 5.
- Valve mechanism. J. K. Lund. 2,310,975; Feb. 16.
- Valve mechanism. E. Martin. 2,320,445; June 1.
- Valve mechanism. E. Martin. 2,328,880; Sept. 7.
- Valve mechanism. W. T. Tabb. 2,310,913; Feb. 9.
- Valve mechanism. P. C. Temple. 2,308,727; Jan. 19.
- Valve mechanism, Flush. C. S. Garratt, Jr. 2,322,123; June 15.
- Valve mechanism for jigs. O. R. Strawn. 2,331,580; Oct. 12.
- Valve mechanism for master cylinders. S. Schnell. 2,307,642; Jan. 5.
- Valve mechanism for water softeners. H. L. Bowers and E. Pick. 2,328,223; Aug. 31.
- Valve mechanism, Hydraulic. H. Z. Gora. 2,311,330; Feb. 16.
- Valve operating means. J. A. Cerow, Jr. 2,327,959; Aug. 24.
- Valve operating mechanism. E. J. Flitz. 2,324,571; July 29.
- Valve operating mechanism. E. E. Hilker. 2,327,425; Aug. 24.
- Valve operating mechanism. E. A. Rutledge. 2,329,788; Sept. 21.
- Valve operating mechanism. T. N. Smith. 2,323,251; June 29.
- Valve operating mechanism, Automatic. C. T. McGill and O. F. Dubruiel. 2,310,975; Feb. 16.
- Valve operator. H. G. Hughes. 2,328,645; Sept. 7.
- Valve sealing means, Check. J. D. Langdon. 2,336,486; Dec. 14.
- Valve seat grinder. W. K. Beckwith. 2,314,028; Mar. 16.
- Valve seat grinding device. J. A. Smith, II. 2,308,472; Jan. 12.
- Valve seat grinding means, Portable. E. A. Hall. 2,318,551; May 11.
- Valve setting template. G. Groskritz. 2,313,936; Mar. 16.
- Valve sleeves, Making. R. Insley and A. W. Green. 2,319,546; May 18.
- Valve spacer for pump rods. J. R. Collins. 2,311,816; Feb. 23.
- Valve spring retainer lock. A. Townhill. 2,330,091; Sept. 21.
- Valve stem. L. S. Speth. 2,312,679; Mar. 2.
- Valve stem for faucets. M. Esnard. 2,315,948; Apr. 9.
- Valve stem grinding attachment. L. L. Johnson. 2,316,591; Apr. 13.
- Valve stem or valve operating device for fire hydrants. W. W. Corey. 2,309,238; Jan. 26.
- Valve, strainer and preheater, Combination. S. Hutterer. 2,337,893; Dec. 28.
- Valve structure. A. L. Arey. 2,311,506; Feb. 16.
- Valve structure. C. J. Huber. 2,313,550; Mar. 9.
- Valve structure. E. S. Minard. 2,324,792; July 20.
- Valve structure. F. H. Mueller. 2,321,233; June 8.
- Valve structure. W. A. Ray. 2,321,853; June 15.
- Valve structure for combined formation testing tools and pressure recorders. H. D. Kinney. 2,326,867; Aug. 17.
- Valve structure for protective masks, Exhalation. H. A. Rust. 2,326,651; Aug. 10.
- Valve structure, Homogenizer. R. A. Yohpe. 2,328,702; Sept. 7.
- Valve system. C. Thumlin, E. J. Frank, and A. C. Bols- eau. 2,310,130; Feb. 2.
- Valve system, Blowoff. W. E. Shafer. 2,307,963; Jan. 12.
- Valve, tappet. C. L. Brackett. 2,328,706; Sept. 7.
- Valve timing device. E. F. Pierce and F. J. Weigand. 2,326,883; Aug. 17.
- Valve timing device, Variable. S. M. Udale. 2,332,280; Oct. 19.
- Valve tool. A. E. Miller. 2,311,956; Feb. 23.
- Valve unit, Pressure-reducing. C. D. P. Smallpiece and C. E. Curzon. 2,322,480; June 22.
- Valved can closure. H. Ingram. 2,322,236; June 22.
- Valved connector. W. W. Davies and G. A. Page. 2,320,719; June 1.
- Valved coupling. A. G. Frazer-Nash. 2,320,456; June 1.
- Valved coupling. A. L. Parker and J. N. Wolfram. 2,318,985; May 11.
- Valves, Sealing of rotary. C. W. P. Heylandt, R. Mewes, A. Pomutz and A. Baer. 2,330,583; Sept. 28.
- Vane motor, Reversible. E. W. Kay. 2,335,567; Nov. 30.
- Vane pump. J. S. Wentworth. 2,331,878; Oct. 19.
- Vane, Spin neutralizing. H. F. Hagen. 2,308,685; Jan. 19.
- Vanity case. L. Esterow. 2,327,513; Aug. 24.
- Vanity case and like container, Illuminatable. J. G. Pucci. 2,314,517; Mar. 23.
- Vapor and liquid contact apparatus. L. B. Bragg. 2,327,993; Aug. 31.
- Vapor and liquid contact apparatus and packing therefor. L. B. Bragg. 2,336,060; Dec. 7.

- Vapor and liquid contacting apparatus. A. W. Weitkamp and L. C. Brunstrum. 2,325,819; Aug. 3.
- Vapor and liquid contacting apparatus. A. W. Weitkamp and A. G. Oblad. 2,325,818; Aug. 3.
- Vapor bath cabinet. M. W. Jessup. 2,326,035; Aug. 3.
- Vapor condenser and liquid radiator. N. C. Price. 2,309,274; Jan. 26.
- Vapor electric device. J. H. Cox. 2,333,525; Nov. 2.
- Vapor electric device. J. H. Cox and H. C. Myers. 2,331,176; Oct. 5.
- Vapor-electric device. H. C. Myers. 2,318,091; May 4.
- Vapor electric device. H. von Bertele. 2,320,685; June 1.
- Vapor electric device and operation. N. T. Gordon and W. R. Whitney. 2,307,502; Jan. 5.
- Vapor electric system. J. H. Cox and L. A. Casanova. 2,315,599; Apr. 6.
- Vapor generator. N. C. Artsay. 2,325,583; Aug. 3.
- Vapor generator. E. G. Bailey. 2,320,343; June 1.
- Vapor generator. G. D. Ebblts, W. H. Rowand, and G. J. Schuessow. 2,333,644; Nov. 9.
- Vapor generator. M. Frisch. 2,334,187; Nov. 16.
- Vapor generator. G. C. Whitney Jr. 2,312,375; Mar. 2.
- Vapor generators. Controlling the operation of. C. Schroeder. 2,322,975; June 29.
- Vapor-liquid mixtures. Method and apparatus for fractionating. C. M. Ridgway. 2,338,010; Dec. 28.
- Vapor phase hydrogenation of phenols. A. S. Houghton and E. E. McNatt. 2,328,719; Sept. 30.
- Vapor scrubbing system. H. S. Simpson and C. W. Bilbe. 2,321,893; June 15.
- Vaporizer. E. R. Alles. 2,329,506; Sept. 14.
- Vaporizer. G. E. Lofgren. 2,337,906; Dec. 28.
- Vaporizer. W. M. V. Lvnch. 2,330,297; Sept. 28.
- Vaporizer. G. A. Peterson. 2,336,635; Dec. 14.
- Vaporizer. J. B. Schmitt. 2,320,669; June 1.
- Vaporizer-carburetor combination. High pressure fuel. O. L. Garreton. 2,315,847; Apr. 6.
- Vaporizer, Electrical. G. Hettinger. 2,329,536; Sept. 14.
- Vaporizer, Fuel. I. W. Wepplo. 2,318,824; May 11.
- Vaporizer, Fuel gas. A. J. Faucher. 2,320,750; Sept. 21.
- Vaporizer, Liquefied gas. J. W. Martin. 2,319,819; May 25.
- Vaporizing machine. J. C. Smernis. 2,319,852; May 18.
- Vapors, Fractionating. F. V. Atkeson. 2,330,326; Sept. 29.
- Variable air-gap crystal holder. G. M. Thurston. 2,319,357; May 18.
- Variable condenser. G. M. Ehlers and G. Kodama. 2,326,341; Aug. 10.
- Variable control shock absorber. B. D. McIntyre, C. E. Read, and A. Boor. 2,332,161; Oct. 19.
- Variable crank gear. G. Cello. 2,335,645; Nov. 30.
- Variable displacement pump. R. M. Helntz. 2,327,787; Aug. 24.
- Variable face cam. H. Devlin. 2,317,740; Apr. 27.
- Variable impedance. H. J. Craymer. 2,308,863; Jan. 19.
- Variable inductance device. A. O. Dodge. 2,334,178; Nov. 16.
- Variable pressure system. W. H. Jordan. 2,332,725; Oct. 26.
- Variable reactance device. W. Krämer and W. Köchling. 2,333,015; Oct. 26.
- Variable resistance. E. R. Stoeckle. 2,309,798; Feb. 2.
- Variable resistor for arc welder fields. C. F. Mullenbach. 2,308,199; Jan. 12.
- Variable sign. A. J. Hadert. 2,331,832; Oct. 12.
- Variable speed gear. A. Booth. 2,328,544; Sept. 7.
- Variable speed motor. M. Schiff. 2,310,874; Feb. 9.
- Variable-speed power device. C. E. Johnson. 2,308,813; Jan. 19.
- Variable speed power transmission. H. Hill. 2,336,610; Dec. 14.
- Variable speed transmission device. C. E. Johnson, E. Mendenhall, and B. N. Palm. 2,325,323; July 27.
- Variable support hanger. J. K. Wood. 2,335,834; Nov. 30.
- Varnish. W. W. Ginn. 2,310,419; Feb. 9.
- Varnish and coating. Printing ink. D. R. Erickson and P. J. Thoma. 2,332,066; Oct. 19.
- Varnish bases. Manufacture of. L. Auer. 2,324,900; July 20.
- Varnish oil. I. J. Novak. 2,318,009; May 4.
- Vase and flower lifter. J. P. Bull. 2,312,521; Mar. 2.
- Vat. T. Majonnier. 2,320,531; June 1.
- Vault, Waste. S. Nyboer. 2,317,693; Apr. 27.
- Vaults and caskets. Device for placing burial. F. J. Mead. 2,307,420; Jan. 5.
- Vegetable cleaning machine. S. Olson. 2,308,775; Jan. 19.
- Vegetable cutter. T. A. Plagens. 2,333,194; Nov. 2.
- Vegetable juices. Preparing. J. G. Souther. 2,311,316; Feb. 16.
- Vegetable peeling machine. N. S. Sells. 2,318,368; Apr. 13.
- Vegetable products. Precooling cargoes of. A. Y. Preble. 2,333,125; Dec. 7.
- Vegetable protein resin product and preparation thereof. C. S. Leonardson and D. J. White. 2,332,801; Oct. 26.
- Vegetable proteins. Extraction of. E. H. Morse. 2,331,619; Oct. 12.
- Vegetable thinner and blocker. E. A. Boelter. 2,316,663; Apr. 13.
- Vegetable toppler. W. E. Tenbrook. 2,322,905; June 29.
- Vegetable washing machine. J. Christian. 2,322,417; June 22.
- Vegetable washing machine. W. H. Haslam. 2,326,356; Aug. 10.
- Vegetables. Canning green. W. L. Schroder and T. A. Rogers. 2,318,428; May 4.
- Vegetative propagation of plants. L. Chalkley. 2,328,193; Aug. 31.
- Vehicle: See—
- Amphibious armored vehicle. Motor vehicle.
- Automotive vehicle. Refuse collecting vehicle.
- Coal sleeper vehicle. Robot vehicle.
- Coal mine haulage vehicle. Self-propelled amphibian vehicle.
- Crawler and rail vehicle. Trailer vehicle.
- Cross-country motor vehicle. Transportation vehicle.
- Dual wheel vehicle. Truck and passenger vehicle.
- Equipped vehicle. Wheeled vehicle.
- Mine haulage vehicle.
- Vehicle. D. B. Baker and W. O. Bechman. 2,327,850; Aug. 24.
- Vehicle. W. Haspel. 2,328,144; Aug. 31.
- Vehicle. G. G. McNamara, Jr. 2,330,299; Sept. 28.
- Vehicle. S. C. Olson. 2,314,419; Mar. 23.
- Vehicle. E. J. Weller, Jr. 2,311,424; Feb. 16.
- Vehicle advertising sign retainer and the like. E. Wotton. 2,327,517; Dec. 21.
- Vehicle anchor means. B. H. Davis. 2,332,993; Oct. 26.
- Vehicle axle. S. B. Jamieson. 2,337,609; Dec. 28.
- Vehicle barrier. E. H. Mitcham. 2,308,706; Jan. 19.
- Vehicle body. R. Cadwallader. 2,324,677; July 20.
- Vehicle body. R. J. Theriault. 2,330,182; Sept. 21.
- Vehicle body and making same. E. Komenda. 2,326,952; Aug. 17.
- Vehicle body and supporting same. Removable. E. L. Fraley. 2,328,971; Sept. 7.
- Vehicle body construction. D. G. Renno. 2,311,129; Feb. 16.
- Vehicle body, Military. W. B. Johnson. 2,324,508; July 20.
- Vehicle body, Motor. F. W. Kramer. 2,319,002; May 11.
- Vehicle body, Refrigerated. L. A. De More. 2,330,339; Sept. 28.
- Vehicle brake. C. A. Sawtelle. 2,312,363; Mar. 2.
- Vehicle brake and propulsion control. C. M. Hines. 2,337,717; Dec. 28.
- Vehicle brake control system. D. R. Borst and C. M. Hines. 2,329,762; Sept. 21.
- Vehicle brake control system. C. M. Hines. 2,329,761; Sept. 21.
- Vehicle brake signal. T. Van Tuyl and C. B. Hale. 2,326,808; Aug. 17.
- Vehicle construction. A. L. Koch and J. B. Covi. 2,309,735; Feb. 2.
- Vehicle construction, Motor. J. W. Greig. 2,322,630; June 22.
- Vehicle construction, Motor. E. C. Horton. 2,326,357; Aug. 10.
- Vehicle control mechanism. J. Nicol. 2,314,730; Mar. 23.
- Vehicle direction signal. A. P. Welsh. 2,336,905; Dec. 14.
- Vehicle door handle. B. S. Floraday. 2,311,821; Feb. 23.
- Vehicle door latch. H. W. Rightmeyer. 2,315,815; Apr. 6.
- Vehicle drive mechanism. G. A. Collender. 2,322,279; June 22.
- Vehicle driving means. E. P. Lamb, R. H. Duff, and W. P. Floetz. 2,329,916; Sept. 21.
- Vehicle driving mechanism. A. M. Wolf. 2,333,611; Nov. 2.
- Vehicle fender. C. Saurer. 2,313,587; Mar. 9.
- Vehicle fender, Reinforced. E. F. Hansen. 2,309,898; Feb. 2.
- Vehicle frame. J. M. Foster. 2,322,841; June 29.
- Vehicle frame. C. E. Sorensen and L. S. Sheldrick. 2,314,603; Mar. 23.
- Vehicle headlamp unit. V. J. Roper. 2,321,705; June 15.
- Vehicle heating apparatus, Automotive. E. L. Mayo. 2,322,041; June 15.
- Vehicle heating system. R. H. Horton. 2,332,149; Oct. 19.
- Vehicle impeding device. W. J. McDonald. 2,313,388; Mar. 9.
- Vehicle lamp. G. F. Bahr. 2,320,209; May 25.
- Vehicle loading and unloading device. A. Tognetti. 2,321,168; June 8.
- Vehicle mounting structure. A. L. Lee. 2,316,521; Apr. 13.
- Vehicle rear signal. F. R. Dietrich. 2,330,561; Sept. 28.
- Vehicle running gear. B. Barényi and K. Wilfert. 2,326,918; Aug. 17.
- Vehicle safety door construction. E. H. Mosher. 2,331,340; Oct. 12.
- Vehicle safety seat. M. Koppelman. 2,335,340; Nov. 30.
- Vehicle seat. P. Carlson. 2,318,751; May 11.
- Vehicle seat. C. A. Gustafson. 2,334,922; Nov. 23.
- Vehicle seat suspension. H. Fruehauf. 2,308,446; Jan. 12.
- Vehicle signal. J. B. Holmes and L. H. Tiley. 2,325,319; July 27.
- Vehicle signal. H. J. Murray, Jr. 2,320,641; June 1.

- Vehicle signal and switch mechanism. G. H. Bird. 2,318,281; May 4.
- Vehicle spring lock. J. W. Hingley. 2,312,163; Feb. 28.
- Vehicle spring suspension. W. R. Fageol. 2,330,482; Sept. 28.
- Vehicle spring suspension system. T. Ulrich. 2,311,420; Feb. 16.
- Vehicle stabilizer-forming apparatus. B. H. Urschel. 2,318,344; May 4.
- Vehicle stabilizing mechanism. C. F. Schoelm. 2,328,849; Sept. 7.
- Vehicle suspension. J. E. Casner. 2,314,076; Mar. 16.
- Vehicle suspension. C. C. Uta. 2,309,811; Feb. 2.
- Vehicle suspension and steering mechanism. R. Collis. 2,330,557; Sept. 28.
- Vehicle suspension mechanism. G. M. Cross. 2,323,204; June 29.
- Vehicle tire lock. M. K. Bernhardt. 2,307,663; Jan. 5.
- Vehicle top. C. Dumelin. 2,309,242; Jan. 26.
- Vehicle top. Foldable. F. J. Westrope. 2,329,802; Sept. 21.
- Vehicle traction device and tire lug. J. Wampfler. 2,314,295; Mar. 16.
- Vehicle undercarriage and brake operating mechanism. F. M. Road. 2,311,252; Feb. 16.
- Vehicle wall, especially door structure. G. Trautvetter. 2,329,494; Sept. 14.
- Vehicle wheel. F. J. Hauschild. 2,325,953; Aug. 3.
- Vehicle wheel. C. R. Storch. 2,317,311; Apr. 20.
- Vehicle wheel lock. E. L. Heath. 2,328,339; Aug. 31.
- Vehicle wheel suspension. F. W. Slack. 2,322,890; June 29.
- Vehicle window regulator handle. B. S. Floraday. 2,336,082; Dec. 7.
- Vehicle with a scraper bowl. Automotive crawler. H. Cordes. 2,312,389; Mar. 2.
- Vehicle with scraper bowls having bulldozer blades. Automotive crawler. H. Cordes. 2,312,390; Mar. 2.
- Vehicles. Means to facilitate parking of. J. K. Toney. 2,334,840; Nov. 23.
- Velocipede frame and making it. J. A. Conli. 2,335,583; Nov. 30.
- Velocity measuring device. C. L. Robinson. 2,310,546; Feb. 9.
- Velocity modulated electrical discharge tube. C. V. Litton. 2,309,986; Feb. 2.
- Vending machine. H. E. Anthony. 2,321,642; June 15.
- Vending machine. C. L. Casey. 2,316,315; Apr. 13.
- Vending machine. H. S. Childers. 2,307,450; Jan. 5.
- Vending machine. J. R. Chem. 2,323,517; July 6.
- Vending machine. B. W. Fry. 2,310,072; Feb. 2.
- Vending machine. C. R. Holcomb, Jr. 2,332,317; Oct. 19.
- Vending machine. J. Jetseck and F. W. Jaeh. 2,330,186; Sept. 21.
- Vending machine. B. E. Mills. 2,308,532; Jan. 19.
- Vending machine. D. Neldig. 2,320,378; June 1.
- Vending machine. F. Niewoehner. 2,315,811; Apr. 6.
- Vending machine. C. F. Pease. 2,309,008; Jan. 19.
- Vending machine. E. H. Sargent and A. G. Alex. 2,310,321; Feb. 9.
- Vending machine. M. E. Schloff. 2,309,674; Feb. 2.
- Vending machine. M. L. Smith. 2,316,897; Apr. 20.
- Vending machine. H. B. Stoner and R. D. Stayton. 2,324,040; July 13.
- Vending machine attachment, Automatic. R. R. Dunn. 2,336,780; Dec. 14.
- Vending machine. Cigar. M. M. Berger and J. Sharenow. 2,311,632; Feb. 23.
- Vending machine for bottled goods. O. C. Olsen. 2,333,118; Nov. 2.
- Vending machine. Hairpin. C. A. Hanf. 2,311,749; Feb. 23.
- Vending machine magazine. F. D. Vogel. 2,309,802; Feb. 2.
- Veneer gluing machine. R. L. Dennis. 2,317,446; Apr. 27.
- Veneer press. V. Bendix. 2,331,296-7; Oct. 12.
- Veneer. Producing forms for molding. J. A. Miller. 2,330,371; Sept. 28.
- Veneer structure. E. L. Vidal and L. J. Marhoefer. 2,337,007; Dec. 14.
- Venetian blind. E. M. Krantz. 2,307,278; Jan. 5.
- Venetian blind. G. L. Sherwood. 2,334,132; Nov. 9.
- Venetian blind. C. H. Wood. 2,335,892; Dec. 7.
- Venetian blind slat. B. Walker. 2,311,716; Feb. 23.
- Venetian blind slat and method of and apparatus for forming the same. A. B. Wilson. 2,313,111; Mar. 9.
- Venetian slat unit. M. J. Wittenman. 2,325,458; July 27.
- Vent, Air. H. M. Woelfel. 2,314,850; Mar. 23.
- Vent, Battery filling. L. H. Middleton. 2,328,223; Aug. 31.
- Vent for portable dishwashers. J. H. Reifenberg. 2,320,888; June 1.
- Vent structure. G. L. Rees. 2,337,349; Dec. 21.
- Ventilated machine. E. I. Pollard and R. A. Baudry. 2,315,653; Apr. 6.
- Ventilated vapor regulator. J. Van Vulpen. 2,323,259; June 29.
- Ventilated wooden ironing board. H. B. and T. H. Fay. 2,308,807; Jan. 19.
- Ventilating and circulating system. J. B. Shaver. 2,313,676; Mar. 9.
- Ventilating apparatus. H. J. Findley. 2,325,842; Aug. 3.
- Ventilating apparatus and method. J. L. Breese. 2,319,035; May 11.
- Ventilating system for submarines. W. F. Sheffield. 2,333,686; Nov. 9.
- Ventilating system for telephone booths. J. J. Kuhn. 2,332,091; Oct. 19.
- Ventilating system. Toilet. W. J. Hazard. 2,322,515; June 22.
- Ventilating unit. E. W. Denman. 2,323,178; June 29.
- Ventilator. H. K. Adams. 2,336,765; Dec. 14.
- Ventilator. F. F. Bell. 2,308,262; Jan. 12.
- Ventilator. O. P. Cramer. 2,320,268; May 25.
- Ventilator. M. B. Curley. 2,307,490; Jan. 5.
- Ventilator. M. B. Curley and J. Kilbourne. 2,323,456; July 6.
- Ventilator. H. M. Kistler. 2,309,774; Feb. 2.
- Ventilator. E. O. Martinson. 2,322,302; June 22.
- Ventilator. C. W. Olson. 2,334,789; Nov. 23.
- Ventilator. A. G. Siebenlist. 2,309,717; Feb. 2.
- Ventilator. R. A. Walker. 2,310,331; Feb. 9.
- Ventilator, Adjustable. A. E. Guettler. 2,314,492; Mar. 23.
- Ventilator and drier, Combination. H. J. Lagodzinski. 2,311,948; Feb. 23.
- Ventilator, Attic. C. F. Beeler. 2,337,863; Dec. 28.
- Ventilator, Bathroom. C. F. Maguire. 2,326,957; Aug. 17.
- Ventilator device for poultry houses. D. B. Tolley. 2,324,043; July 13.
- Ventilator for porches and like openings. W. W. Carver. 2,337,799; Dec. 28.
- Ventilator for refrigerator cars. Hatch. J. S. Lundvall. 2,328,604; Aug. 10.
- Ventilator or cowl, Chimney. V. J. Kennedy. 2,321,919; June 15.
- Ventilator or window, or similar closure. B. D. Winsor. 2,337,632; Dec. 28.
- Ventilator, Roof fan. J. T. Belanger. 2,332,552; Oct. 26.
- Ventilator structure. S. J. Olshin. 2,334,121; Nov. 9.
- Ventilator, Toilet. C. F. Briscoe and H. L. Graham. 2,320,065; May 25.
- Ventilator, Window. C. S. Amsler. 2,311,324; Feb. 16.
- Ventilator, Window. T. L. Atkinson. 2,313,796; Mar. 16.
- Ventilator, Window. A. H. Hardy. 2,337,326; Dec. 21.
- Ventilator, Window. C. J. Niesner. 2,311,122; Feb. 16.
- Ventilator, Window. G. Pickering and F. O. Pickering. 2,323,590; June 22.
- Venting apparatus. V. G. Klein. 2,328,812; Sept. 7.
- Venturi. Air. J. F. Campbell. 2,332,694; Oct. 26.
- Verifying machine. J. W. Bryce. 2,320,338; June 1.
- Verifying machine. O. B. Shafer. 2,315,741; Apr. 6.
- Vermutuge and making same. A. H. Howard. 2,327,644; Aug. 24.
- Vermutuge trap. E. Shea. 2,307,163; Jan. 5.
- Vermutuge condenser. De W. R. Goddard. 2,313,429; Mar. 9.
- Vertical axis canister-type vacuum cleaner. W. Leathers. 2,333,018; Oct. 26.
- Vertical boring mill. A. Trosch and W. J. F. Forward. 2,330,529; Sept. 28.
- Vertical conveyor system. S. L. G. Knox. 2,310,462; Feb. 9.
- Vertical conveyor system. J. E. Regan and A. N. Klyver. 2,310,461; Feb. 9.
- Vertical crossover elimination. A. G. Kandoian. 2,311,837; Feb. 23.
- Vertical faces of road slabs, Reinforcing. J. H. Jacobson. 2,321,087; June 8.
- Vertical injection press. W. R. Tucker. 2,333,601; Nov. 2.
- Vessel. J. B. McMullen. 2,337,120; Dec. 21.
- Vessel, High-pressure. J. Schierenbeck. 2,326,176; Aug. 10.
- Vessel, Low draft transport. C. C. Cristadoro. 2,322,790; June 29.
- Vessel, Marine. J. Napoli. 2,327,660; Aug. 24.
- Vessel, Measuring. F. C. Johnston. 2,326,144; Aug. 10.
- Vessel, Multilayer pressure. E. H. Nilson. 2,332,462; Oct. 19.
- Vessel, Reaction. G. B. Zimmerman. 2,329,970; Sept. 21.
- Vessel, Storage and cooling. C. P. Deibel, O. A. Knable, and R. Anshutz. 2,307,115; Jan. 5.
- Vessel, Underground storage. E. H. Kares. 2,337,472; Dec. 21.
- Vessel and the like. Towage of. G. W. Pettigrew-Smith. 2,331,567; Oct. 12.
- Vessels, Filling. A. B. Mojonner and M. Miller. 2,309,859; Feb. 2.
- Vessels, Making multilayer. W. R. Kepler. 2,337,247; Dec. 21.
- Vestibule passageway for railway vehicles. A. G. Hoppe. 2,310,088; Feb. 2.
- Vibrating processing machine. L. M. De Kanski. 2,309,172; Jan. 26.
- Vibrating screen. J. P. Hall. 2,319,901; May 25.
- Vibrating screen. R. A. Leahy. 2,329,773; Sept. 21.
- Vibrating screen. M. Lintz. 2,312,343; Mar. 2.

- Vibrating screen. H. C. Pollitz. 2,312,477; Mar. 2.
 Vibrating screen. L. G. Symons. 2,316,725; Apr. 13.
 Vibration amplitude and center of oscillation indicator. I. A. Weaver and C. H. Phelps. 2,328,114; Aug. 31.
 Vibration amplitude control system. C. W. Baird. 2,323,081; June 29.
 Vibration control apparatus. C. Baird. 2,322,217; June 22.
 Vibration dampener. W. B. Flanders. 2,310,412; Feb. 9.
 Vibration dampener. Torsional. W. L. Fischer. 2,317,983; May 4.
 Vibration damping device. A. T. Gregory and F. E. Fuller. 2,332,072; Oct. 19.
 Vibration-free mounting. F. H. Juddins. 2,311,396; Feb. 16.
 Vibration measuring apparatus. M. J. Burger. 2,322,708; June 22.
 Vibration motor. D. P. Dyer, Jr. 2,336,930; Dec. 14.
 Vibration motor. R. M. Miller. 2,310,107; Feb. 2.
 Vibration responsive device. F. K. Powell. 2,316,616; Apr. 13.
 Vibration translating device. G. J. V. Paley. 2,325,117; July 27.
 Vibration translating means. C. P. Walker. 2,310,559; Feb. 9.
 Vibration translating system. W. J. Albersheim. 2,310,048; Feb. 2.
 Vibrational effects. Method and apparatus for measuring and recording. W. R. Welty. 2,309,560; Jan. 26.
 Vibrator. C. Huettner. 2,334,769; Nov. 23.
 Vibrator. R. L. Johnstone. 2,325,248; July 27.
 Vibrator attachment for washing machines. E. C. Heard. 2,314,981; Mar. 30.
 Vibrator inverter system. M. A. Edwards. 2,313,527; Mar. 9.
 Vibrator, Sheet warp. R. R. Cone. 2,319,491; May 18.
 Vibratory drive apparatus. T. H. Morgan. 2,327,206; Aug. 17.
 Vibratory feeder. C. S. Weyandt. 2,323,864; July 6.
 Vibratory machine. E. Ahlskog. 2,309,689; Feb. 2.
 Vibratory motion producing apparatus. L. M. De Kanski. 2,309,171; Jan. 26.
 View finder. W. W. Eaton. 2,331,667; Oct. 12.
 View-finding and focusing device, Combined. J. Bolsey. 2,327,859; Aug. 24.
 Viewing device. I. Cerrachio. 2,334,750; Nov. 23.
 Viewing instrument. Object. H. J. Veatch. 2,337,139; Dec. 21.
 Vining, pulling machine. E. D. Dahlman. 2,314,773; Mar. 23.
 Viner. W. de Back. 2,309,030; Feb. 2.
 Vinyl alcohol-methacrylic ester copolymers. Preparing. H. T. Neher and E. H. Kroecker. 2,328,922; Sept. 7.
 Vinyl and acrylate resins. Composition of mixtures of. G. M. Powell III. 2,311,249; Feb. 16.
 Vinyl compounds. Polymerizing. E. C. Britton and W. J. Le Fevre. 2,332,635; Nov. 9.
 Vinyl esters. G. F. D'Aiello. 2,335,652; Nov. 30.
 Vinyl esters. Manufacture of. K. H. W. Tuerck. 2,316,472; Apr. 13.
 Vinyl esters of tertiary carboxylic acids. W. E. Hanford and W. E. Mochel. 2,310,780; Feb. 9.
 Vinyl halides with vinylidene halides. Copolymerization of. E. C. Britton and C. W. Davis. 2,333,634; Nov. 9.
 Vinyl plastic. Modified. B. J. Dennison. 2,322,571; June 22.
 Vinyl polymer. Stabilized. L. J. Stage and M. T. Harvey. 2,330,087; Sept. 21.
 Vinyl polymers. Dyeing. K. Heymann. 2,328,903; Sept. 7.
 Vinyl resin coating composition. A. K. Doolittle. 2,316,323; Apr. 13.
 Vinyl resin composition. C. Bogin. 2,337,635; Dec. 28.
 Vinyl resin composition. W. M. Quattlebaum, Jr., and D. M. Young. 2,307,075; Jan. 5.
 Vinyl resin composition and articles of manufacture comprising same. L. Becker. 2,310,889; Feb. 9.
 Vinylidene chloride composition stable to light. L. A. Matheson and R. F. Boyer. 2,313,757; Mar. 16.
 Vinylidene chloride fibers. A. W. Hanson. 2,332,485; Oct. 19.
 Vinylidene chloride graphite composition. A. W. Hanson. 2,331,392; June 8.
 Violin string adjuster. M. Jauch. 2,322,137; June 15.
 Viscose process rayon with acid and direct colors. Printing. C. F. Miller. 2,321,501; June 8.
 Viscose. Spinning. J. J. Stockley and W. Linnhoff. 2,315,559; Apr. 6.
 Viscosimeter. H. Albertine. 2,331,284; Oct. 12.
 Viscosimeter. G. S. Buckley. 2,322,814; June 29.
 Viscosimeter. S. E. Buckley. 2,320,218; May 25.
 Viscosimeter. S. E. Buckley and C. R. Hocott. 2,320,219; May 25.
 Viscosimeter. W. T. Knauth. 2,314,991; Mar. 30.
 Viscosimeter. H. Kott. 2,309,910; Feb. 2.
 Viscosity control valve. W. Worth. 2,317,427; Apr. 27.
 Viscosity responsive apparatus. T. D. Thompson and G. V. Caesar. 2,325,573; July 27.
 Viscous liquid dispenser. W. J. Strong. 2,328,106; Aug. 31.
 Vise. C. B. Cross. 2,335,743; Nov. 30.
 Vise. C. G. Garrigus and C. B. Cross. 2,311,335; Feb. 16.
 Vise. C. M. Gearing. 2,322,291; June 22.
 Vise. F. Horn, Jr. 2,318,487; May 4.
 Vise. J. Meyer. 2,333,114; Nov. 2.
 Vise. W. O. Mosley, Jr. 2,322,380; June 22.
 Vise. C. B. Richards. 2,330,382; Sept. 28.
 Vise assembly. Hydraulically operated. F. D. Butler. 2,335,258; Nov. 30.
 Vise. Bench. F. C. Moran. 2,321,503; June 8.
 Vise. Pipe holding. P. B. Wallace. 2,317,702; Apr. 27.
 Vise. Portable pipe. A. S. Foster. 2,324,379; July 13.
 Vise. Screw-actuated. W. Gordon. 2,331,831; Oct. 12.
 Vise. Universal. J. B. Giern and A. P. Anholtt. 2,310,025; Feb. 2.
 Vise. Universal drill. L. H. Deubler, Jr. 2,315,318; Mar. 30.
 Vise. Yoke. C. E. Wright. 2,318,566; May 4.
 Visible index or record strips. Manufacture of. H. J. Hopkins. 2,323,043; June 29.
 Visible index. Self-labeling. J. T. Quigley. 2,324,537; July 20.
 Visor and aerial for vehicles. Combined sun. R. T. Atkinson. 2,334,856; Nov. 23.
 Visor structure. W. C. Van Dresser. 2,322,898; June 29.
 Vigor. Weather shield. G. S. Macvaugh. 2,307,054; Jan. 5.
 Visual color comparator. E. M. Zelony. 2,321,722; June 15.
 Visual indicator. W. R. Clark. 2,318,140; May 4.
 Visual indicator. W. R. Clark. 2,318,197; May 4.
 Vitamin B₂ and related compounds. S. A. Harris. 2,325,053; July 27.
 Vitamin B₆ intermediate. G. H. Carlson. 2,310,168-72; Feb. 2.
 Vitamin B₆. Synthesizing. G. H. Carlson. 2,310,167; Feb. 2.
 Vitamin-bearing materials. Refining. L. O. Buxton. 2,328,053; Aug. 31.
 Vitamin composition and preparing the same. Water-dispersible fat-soluble. S. T. Lipsius. 2,311,554; Feb. 16.
 Vitamin concentration. Producing fat-soluble. L. O. Buxton. 2,324,063; July 13.
 Vitamin concentrates. Production of fat-soluble. L. O. Buxton and H. B. Colman. 2,318,749; May 11.
 Vitamin containing composition and making the same. G. H. Lubarsky. 2,321,400; June 8.
 Vitamin containing shortening. J. G. Blaso. 2,307,756; Jan. 12.
 Vitamin D distillation process and products. K. C. D. Hickman and E. Le B. Gray. 2,316,068; Apr. 6.
 Vitamin E in concentrated form. Preparation of. J. D. Cawley. 2,327,766; Aug. 24.
 Vitamin preparation. K. C. D. Hickman. 2,326,644; Aug. 10.
 Vitamin preparation for parenteral administration. H. Vollmer. 2,310,479; Feb. 9.
 Vitamins A and D into aqueous mediums. Incorporating. L. O. Buxton and S. T. Lipsius. 2,311,517; Feb. 16.
 Vitamins. Stabilization of fat-soluble. E. J. Simons and L. O. Buxton. 2,331,432; Oct. 12.
 Vitreous articles. Decoration of. H. F. Scheetz, Jr. 2,311,876; Feb. 23.
 Vitreous coated bodies. Making. E. J. W. Verwey, P. C. van der Willigen, and J. Hoekstra. 2,321,439; June 8.
 Vitreous objects. Multicolor decoration. H. F. Scheetz, Jr. 2,324,433; July 13.
 Vitreous seal protector. W. G. Wagener. 2,329,019; Sept. 7.
 Voice for toys. Selective. S. Marcus. 2,314,153; Mar. 16.
 Volatile metals. Recovery of. E. W. Steckel and G. T. Mahler. 2,310,471; Feb. 9.
 Volatilizable metals. Method and apparatus for recovering. L. M. Pidgeon. 2,330,142; Sept. 21.
 Volt ampere measurement regulator. R. A. Warner. 2,327,833; Aug. 24.
 Voltage and frequency regulator. W. C. Grabau. 2,329,195; Sept. 14.
 Voltage control. B. Trevor. 2,323,857; July 6.
 Voltage control apparatus. R. B. Hull. 2,330,429; Sept. 28.
 Voltage control apparatus. R. B. Hull. 2,333,863; Nov. 9.
 Voltage control means. A. N. Garin. 2,330,043; Sept. 21.
 Voltage control system. Variable. P. McShane. 2,315,637; Apr. 6.
 Voltage divider. V. J. Terry and T. F. S. Hargreaves. 2,313,601; Mar. 9.
 Voltage igniter. Low current-low. E. G. F. Arnott. 2,308,346; Jan. 12.
 Voltage limiting and are extinguishing device. R. R. Pittman. 2,336,420; Dec. 7.
 Voltage planer control. Variable. G. E. King and W. H. Formhals. 2,322,637; June 22.
 Voltage rectifier. Constant. J. A. Hutcheson and R. Lee. 2,315,619; Apr. 6.
 Voltage regulating apparatus. L. K. Hedding. 2,316,331; Apr. 13.
 Voltage regulating system. G. E. Hansell. 2,310,286; Feb. 9.
 Voltage regulation. J. W. Allen. 2,336,523; Dec. 14.

- Voltage regulation and supply. E. A. Tubbs. 2,318,644; May 11.
- Voltage regulator. M. Debray. 2,324,370; July 13.
- Voltage regulator. A. L. Hopper. 2,320,287; May 25.
- Voltage regulator. I. A. Mitchell. 2,312,708; Mar. 2.
- Voltage regulator. B. E. Stevens. 2,333,211; Nov. 2.
- Voltage regulator. C. M. Summers. 2,328,037; Aug. 31.
- Voltage regulator. J. M. Weed. 2,315,913; Apr. 6.
- Voltage regulator for electric generators. W. G. Weatherly. 2,309,558; Jan. 26.
- Voltage regulator for the electrical systems of automotive vehicles. P. W. Nippert. 2,312,669; Mar. 2.
- Voltage regulator system. H. E. Young and D. H. Haug. 2,325,890; Aug. 3.
- Voltage responsive switch. W. E. Berkeley. 2,323,702; July 6.
- Voltage transforming and rectifying vibratory contactor arrangement. H. B. Shapiro. 2,308,549; Jan. 19.
- Volume control. Automatic. S. A. Scherbatky. 2,329,558; Sept. 14.
- Volume control circuit. D. S. Bond. 2,317,025; Apr. 20.
- Volume control circuit. H. A. Gross. 2,312,748; Mar. 2.
- Volume control for recorder amplifiers. Automatic. O. S. Petty and J. O. Parr, Jr. 2,315,624; May 11.
- Volume control system for sound recording machines. E. W. Beal. 2,333,081; Nov. 2.
- Volumeter, Inertia stabilized. E. C. Lunda and R. E. Wald. 2,322,639; June 15.
- Volumetric device. A. Glawon. 2,331,549; Oct. 12.
- Vortex eliminator in air handling apparatus. T. A. Walters. 2,325,154; July 27.
- Vote counting machine. J. H. Randolph. 2,310,544; Feb. 9.
- Voting machine. F. Conrad. 2,315,597; Apr. 6.
- Voting machine. R. F. Shoup. 2,312,128; Feb. 23.
- Voting machine. R. F. Shoup. 2,320,105; May 25.
- Voting machine. R. F. Shoup. 2,329,005; Sept. 7.
- Vulcanization. R. C. Bassom. 2,310,926; Feb. 16.
- Vulcanization accelerators. R. S. Hanslick. 2,318,482; May 4.
- Vulcanization method. M. Carter. 2,308,970; Jan. 19.
- Vulcanizer. H. T. Tornberg. 2,330,319; Sept. 28.
- Vulcanizer. G. P. Bosomworth. 2,308,948; Jan. 19.
- Vulcanizer. F. C. Dawson. 2,317,890; Apr. 27.
- Vulcanizer, Convertible tire. J. C. Helntz. 2,327,639; Aug. 24.
- Vulcanizer, Repair. J. H. Moore. 2,333,546; Nov. 2.
- Vulcanizing apparatus. G. D. Marcy. 2,310,642; Feb. 9.
- Vulcanizing bottle supply system. E. A. Glynn. 2,329,467; Sept. 14.
- Vulcanizing machine. R. G. Tilton. 2,319,372; May 18.
- Vulcanizing method and apparatus. G. P. Bosomworth. 2,324,981; July 20.
- Vulcanizing press. C. Iverson and W. A. Magerkurth. 2,308,977; Jan. 19.
- Vulcanizing press. R. G. Minns and H. T. Tornberg. 2,316,352; Apr. 13.
- Vulcanizing press and timing mechanism therefor. L. E. Soderquist. 2,321,326; Jan. 8.
- Vulcanizing rubber and product obtained thereby. E. S. Blake. 2,336,217; Dec. 7.
- Vulcanizing rubber articles. E. F. Powell, D. Bulgin, and P. W. Badham. 2,324,644; July 20.
- Vulcanizing running length of composite rubber strip and apparatus therefor. L. H. DeWys, Jr. 2,319,042; May 11.
- Waffle iron. E. M. Schara. 2,317,225; Apr. 20.
- Wagon, Pump. C. A. Gustafson. 2,322,437; June 22.
- Wagon, Pump. R. G. Le Tourneau. 2,318,078; Mar. 9.
- Waistcoat attachment. A. Osth. 2,321,768; June 15.
- Walker and rolling chair. J. O. Taylor. 2,312,602; Mar. 2.
- Walker mechanism for invalids. J. A. Rupprecht. 2,327,671; Aug. 24.
- Walking block. J. G. Banister. 2,317,020; Apr. 20.
- Wall. O. L. Gent. 2,317,907; Apr. 27.
- Wall. H. F. Woodward. 2,324,971; July 20.
- Wall and block for the same, Retaining. G. H. Schmitt. 2,313,363; Mar. 9.
- Wall and building structure. H. G. Pillsbury and E. B. Ingersoll. 2,318,966; May 11.
- Wall and ceiling construction. G. C. Wright. 2,307,653; Jan. 5.
- Wall and partition assembly. A. F. Marshall. 2,311,951; Feb. 23.
- Wall and partition construction. A. F. Marshall. 2,325,694; Aug. 3.
- Wall and plumbing fixture. M. Grunt. 2,316,514; Apr. 13.
- Wall and the like. R. L. Hohl. 2,308,242; Jan. 12.
- Wall assembly. L. C. Sigloch and C. W. Lund. 2,316,980; Apr. 20.
- Wallboard. D. D. Crandell. 2,310,216-7; Feb. 9.
- Wallboard. G. A. Hoggatt. 2,336,251; Dec. 7.
- Wallboard fastener. S. H. Tummins. 2,314,638; Mar. 23.
- Wallboard fastener. S. H. Tummins. 2,326,506; Aug. 10.
- Wallboard joint structure. A. S. Speer. 2,314,523; Mar. 23.
- Wall board joint system. D. D. Crandell. 2,313,990; Mar. 16.
- Wallboard, Making scored. H. Feder. 2,311,589; Feb. 16.
- Wallboard, Scored. H. Feder. 2,311,590; Feb. 16.
- Wall box. S. W. McChesney, Jr. 2,336,559; Dec. 14.
- Wall bracket display device. E. W. Plowe. 2,335,609; Nov. 30.
- Wall cleaning device. J. G. Utterback. 2,335,623; Nov. 30.
- Wall clip. F. La Grotta. 2,321,671; June 15.
- Wall clip. F. La Grotta. 2,336,870; Dec. 14.
- Wall construction. W. A. Bingham. 2,325,653; Aug. 3.
- Wall construction. D. L. Boeglen and E. P. Lockart. 2,318,362; May 4.
- Wall construction. R. A. Bonnell. 2,328,779; Sept. 7.
- Wall construction. A. S. Bull. 2,328,051; Aug. 31.
- Wall construction. R. Follen. 2,332,705; Oct. 28.
- Wall construction. G. A. Hoggatt. 2,314,448-9; Mar. 23.
- Wall construction. P. E. Knudsen and J. A. Desmone. 2,310,443; Feb. 9.
- Wall construction. F. La Grotta. 2,329,542; Sept. 14.
- Wall construction. G. H. Lenke. 2,314,224; Mar. 16.
- Wall construction. W. M. McNeil. 2,321,304; June 8.
- Wall construction. G. A. Tinnerman and G. A. Hansman. 2,324,654; July 20.
- Wall construction and assembling the same, Fluid cooled. R. L. Godshalk. 2,333,777; Nov. 9.
- Wall construction, Building. H. Hasenburger and H. W. Corbett. 2,328,977; Sept. 7.
- Wall construction, Building. W. H. Willis. 2,320,690; June 1.
- Wall construction, Floating. B. W. Dalton. 2,313,325; Mar. 9.
- Wall construction, Plywood. R. H. Brent. 2,332,052; Oct. 19.
- Wall construction, Stressed panel double. I. F. Lauks. 2,332,732; Oct. 26.
- Wall covering, Acoustical. K. S. Rankin. 2,312,776; Mar. 2.
- Wall covering, Decorative. G. Desagnat. 2,308,650; Jan. 19.
- Wall facing, Tiled. A. M. Burdon-Cooper. 2,337,180; Dec. 21.
- Wall for basement windows, Soil retaining. R. E. Prince and J. T. Edwards. 2,316,712; Apr. 13.
- Wall for buildings. K. Nichols and J. A. Desmone. 2,326,245; Aug. 10.
- Wall form. W. R. Bagot. 2,314,116; Mar. 16.
- Wall form, Collapsible. H. Hayes. 2,307,678; Jan. 5.
- Wall form, Concrete. R. R. Leggett, Sr. 2,313,880; Mar. 16.
- Wall form tie. F. P. Cooper. 2,323,705; July 6.
- Wall joint. H. W. Paul and W. J. Bates. 2,307,293; Jan. 5.
- Wall joint construction. L. W. Brusse. 2,318,053; May 4.
- Wall lining, House car end. J. Purcell. 2,308,025; Jan. 12.
- Wall moldings, Shield for. C. F. Kirby. 2,332,579; Oct. 26.
- Wall of steam generator furnaces, Water tube. A. W. Bennis. 2,336,339; Dec. 7.
- Wall panel construction. J. J. Zeugner. 2,312,949; Mar. 2.
- Wall panel for furnace jackets or the like. A. P. Livar. 2,324,710; July 20.
- Wall panel mounting means. D. R. Rizzolo. 2,312,673; Mar. 2.
- Wall panel securing means. H. Hasenburger and H. W. Corbett. 2,316,424; Apr. 13.
- Wallpaper steaming pans. Adjustable device for supporting. B. Lavalley. 2,332,240; Oct. 19.
- Wall plugs, Manufacture of. J. J. Rawlings. 2,308,825; Jan. 19.
- Wall pocket. M. Lichter. 2,316,797; Apr. 20.
- Wall section and the like, Fabricating. O. Bergstrom. 2,321,174; June 8.
- Wall structure. C. A. Hill. 2,319,403; May 18.
- Wall structure. H. G. Pillsbury and E. B. Ingersoll. 2,318,967; May 11.
- Wall structure. R. B. Tedrow. 2,316,819; Apr. 20.
- Wall tile clip. D. B. Anderson. 2,317,428; Apr. 27.
- Wall unit. E. B. Ingersoll and L. E. Willett. 2,318,944; May 11.
- Wall unit assembly. J. E. Bronner. 2,316,668; Apr. 13.
- Wall unit for oil tank installation. J. E. Leary. 2,319,410; May 18.
- Wallet retainer. F. F. Keteik, Sr. 2,312,100; Feb. 23.
- Wallet with envelope, War bond credit ration. L. E. Delson. 2,318,677; May 11.
- Wardrobe, Collapsible. H. Derman. 2,337,154; Dec. 21.
- Wardrobe, Rotary. W. V. Pittman. 2,326,064; Aug. 3.
- Warm air furnace. A. Kamber. 2,318,496; May 4.
- Warmer, Food. H. J. Malhack. 2,319,422-3; May 18.
- Warning device for cameras with vacuum-type platens. E. O. Wangerin. 2,333,835; Nov. 9.
- Warning indicator for the instrument panels of airplanes and the like. J. A. Acs, Jr. 2,337,535; Dec. 28.
- Warning light. F. C. Kinney. 2,308,085; Jan. 12.
- Warp compressor. I. R. Rowe. 2,337,129; Dec. 21.
- Warp knitting machine. R. Bassist. 2,334,058; Nov. 9.
- Warp tension bar for textile machines. G. L. Bolden and J. L. M. Morrison. 2,308,430; Jan. 12.
- Warping machine. G. Wiggermann. 2,308,663; Jan. 19.
- Warping or beaming machine. F. Lambach. 2,324,520; July 20.
- Warping or beaming machine. F. Lambach. 2,324,612; July 20.

- Washbasin. J. L. Brack. 2,315,927-8; Apr. 6.
Washbasin. J. K. Tully and B. E. Jones. 2,315,233; Mar. 30.
Wash-basin assembly. R. G. Fensch and G. White. 2,317,898; Apr. 27.
Washbasin, Folding. P. Parke and C. H. Apel. 2,334,951; Nov. 23.
Washboard. J. L. Snyder. 2,312,220; Feb. 23.
Washboard device for inserting pipe into granular material. C. E. Reistle, Jr. 2,321,318; June 8.
Wash fountain. M. Conner. 2,310,617; Feb. 9.
Wash machine. B. Goldman. 2,310,950; Feb. 16.
Wash tank. H. A. Dohrmann. 2,315,089; Mar. 30.
Washer. See—
Air and gas washer. Lock washer.
Bottle washer. Photographic print washer.
Clothes washer. Photoprint washer.
Fire hose washer.
Kite type sewer washer.
Washer and extractor, Combined clothes. J. B. Kirby. 2,331,699-700; Oct. 12.
Washer feeding means. W. M. Hanneman. 2,321,548; Mar. 8.
Washer placing machine. C. and F. Hall. 2,314,494; Mar. 23.
Washer seal, Rubber bonded split metal. D. E. Batesole. 2,310,607; Feb. 9.
Washing and cleaning composition. A. Volz and R. Watzel. 2,335,466; Nov. 30.
Washing apparatus. G. W. Dunham. 2,316,570; Apr. 13.
Washing apparatus. N. Ransohoff. 2,323,154; June 29.
Washing apparatus. E. S. Stoddard. 2,314,666; Mar. 23.
Washing apparatus. E. S. Stoddard. 2,337,356; Dec. 21.
Washing apparatus. F. A. Walker. 2,314,673; Mar. 23.
Washing apparatus, Vehicle. L. D. Holmes. 2,318,995-6; May 11.
Washing, cleansing, bleaching, and rinsing agents containing peroxides. Producing. A. Mertens. 2,308,992; Jan. 19.
Washing device. L. Garin. 2,316,326; Apr. 13.
Washing device. G. P. Wakefield. 2,315,750; Apr. 6.
Washing machine. L. Anderson. 2,321,641; June 15.
Washing machine. H. H. Bensley. 2,311,811; Feb. 23.
Washing machine. B. A. Benson. 2,309,617; Jan. 26.
Washing machine. T. B. Chace. 2,321,573; June 15.
Washing machine. E. R. De Lutz. 2,308,478; Jan. 19.
Washing machine. G. W. Dunham. Re. 22,307; May 4.
Washing machine. G. W. Dunham. 2,328,432; Aug. 31.
Washing machine. E. W. Forney. 2,313,634; Mar. 9.
Washing machine. W. B. Glisson. 2,320,230; May 25.
Washing machine. A. H. Haberstamp. 2,323,765; July 6.
Washing machine. J. M. Harvey. 2,323,993; July 13.
Washing machine. M. M. Jackson. 2,321,210; June 8.
Washing machine. J. P. Jorgenson. 2,313,152; Mar. 9.
Washing machine. I. Nachumsohn. 2,328,226; Aug. 31.
Washing machine. A. C. Schmelzer. 2,327,117; Apr. 20.
Washing machine. W. West and E. Winkeler. 2,320,689; June 1.
Washing machine. L. Zimarik. 2,332,769; Oct. 26.
Washing machine, Colling. N. A. Pethy. 2,312,159; Feb. 23.
Washing machine construction, Domestic. S. E. Schroeder. 2,323,571; July 6.
Washing machine cylinders, Control for. R. S. Thacker. 2,334,965; Nov. 23.
Washing machine formula control. A. F. Hanney. 2,328,073; Aug. 31.
Washing machine heater. G. M. Lumley. 2,322,580; June 22.
Washing machine, Sea food. C. B. Nelson. 2,326,485; Aug. 10.
Washing machine transmission. W. G. Baule. 2,309,567; Jan. 26.
Washing machine transmission. C. A. Moore. 2,321,502; June 8.
Waste and overflow fitting. L. Bloch. 2,321,176; June 8.
Waste container. B. M. Tormohlen. 2,324,440; July 13.
Waste disposal unit. J. H. Powers. 2,322,058; June 15.
Waste heat recovery system. J. P. Badenhausen. 2,335,727; Nov. 30.
Waste heat, Utilization of. C. F. Rosenblad. 2,329,727; Sept. 21.
Waste material, Reutilizing. F. H. Reichel. 2,337,923; Dec. 28.
Watch and timepiece. R. W. Horing. 2,333,932; Nov. 9.
Watch band. Wrist. G. B. Hovey. 2,313,073; Mar. 9.
Watchcase. S. Kramer and J. Kahn. 2,327,112; Aug. 17.
Watchcase. F. Marti. 2,308,189; Jan. 12.
Watchcase, Waterproof. W. A. Muney and C. Wapner. 2,332,458-9; Oct. 19.
Watch, Pilotage. F. A. Reece. 2,334,287; Nov. 16.
Watch stand. R. P. Fleischner. 2,311,332; Feb. 16.
Watch timing apparatus. E. Norman. 2,308,202; Jan. 12.
Water-alcohol solutions of amino acid-diamine-dibasic acid interpolymers. R. M. Leekley. 2,320,688; May 25.
Water closet construction. M. Grunt. 2,316,515; Apr. 13.
Water closet or toilet, Ventilated. J. G. Schotthoefer. 2,309,925; Feb. 2.
Water, Conditioning. L. O. Gunderson. 2,328,551; Sept. 7.
Water content of cores, Determining connate. M. C. Leverett. 2,330,721; Sept. 28.
Water control, Substratum. L. A. Schmidt, Jr. 2,329,223; Sept. 14.
Water cooler. H. C. T. Whittenberg. 2,330,463; Sept. 28.
Water correction device. E. M. Butler. 2,321,796; June 15.
Water correction device, Electrolytic. E. M. Butler. 2,337,151; Dec. 21.
Watercraft. J. R. Garber and J. Denequolo, Jr. 2,336,987; Dec. 14.
Watercraft. P. C. Lombardini. 2,318,789; May 11.
Water cycle. J. Galkin. 2,317,905; Apr. 27.
Water cycle. D. Vigo. 2,323,261; June 29.
Water distribution apparatus. R. Reynolds. 2,318,969; May 11.
Water eliminator. R. S. Grant. 2,317,144; Apr. 20.
Water feeder for boilers, Automatic. W. Homfeldt. 2,310,696; Feb. 9.
Water filter. F. P. Blair. 2,332,962; Oct. 26.
Water filter. S. Lieberman. 2,321,220; June 8.
Water from hydrocarbon vapors, Removing. W. H. Rupp and M. R. Smith. 2,324,955; July 20.
Water from insulation of refrigerated truck bodies, Method and apparatus for draining. G. E. Muma and L. A. De More. 2,307,850; Jan. 12.
Water gas, Manufacture of. H. T. Cohen. 2,332,781; Oct. 26.
Water gauge. S. Bochonok. 2,314,761; Mar. 23.
Waterhead device. S. O. Ferguson. 2,325,758; Aug. 3.
Water heater. L. I. Aldrich. 2,318,913; May 11.
Water heater. H. A. Beckstrom. 2,322,502; June 22.
Water heater. C. W. Davis and W. B. Engh. 2,335,918; Dec. 7.
Water heater. J. W. Farren, R. W. Heywood, and J. F. Donnelly. 2,334,398; Nov. 16.
Water heater. S. P. Locke. 2,330,436; Sept. 28.
Water heater. H. S. Murphy. 2,310,253; Feb. 9.
Water heater. E. S. Stack. 2,311,484; Feb. 16.
Water heater with safety drain. M. Yavitch. 2,328,245; Aug. 31.
Water heating unit for oil burners. W. H. Wood, Jr. 2,325,524; Aug. 3.
Water-in-oil emulsions, Stabilized. H. P. Schmitz and H. Unterguggenberger. 2,332,939; Oct. 26.
Water motor. A. M. Taylor. 2,310,816; Feb. 9.
Water of swimming pools at a substantially uniform temperature, Maintaining the. E. W. N. Boosey. 2,315,184; Mar. 30.
Water, oil, or other liquid cooler. G. E. Dono. 2,315,404; Mar. 30.
Water, Process and composition for softening hard. N. B. Tucker. 2,311,008; Feb. 16.
Waterproof container. N. J. Moll. 2,332,245; Oct. 19.
Waterproofing apparatus. H. C. Koch. 2,321,397; June 8.
Waterproofing permeable material, Process of and composition for. C. F. Fabian and J. B. Lee. 2,314,135; Mar. 16.
Waterproofing permeable material, Process of and composition for. C. F. Fabian and J. B. Lee. 2,318,302; May 4.
Water purification. C. G. Hawley. 2,311,830; Feb. 23.
Water, Purification of. J. S. Reichert and A. A. Elston. 2,311,314; Feb. 16.
Water recovery device for airships. L. Durr. 2,310,767; Feb. 9.
Water regulating valve. R. W. Johnson and C. E. Zarwell. 2,318,161; May 4.
Water-repellent surfacing for cement. R. G. Wetton. 2,315,029; Mar. 30.
Water-repellent ultramarine. H. F. Dieterle. 2,323,748-9; July 6.
Water replenisher for cooking vessels. R. Ash. 2,329,316; Sept. 14.
Water sands, Plugging off. M. Williams. 2,332,822; Oct. 26.
Water sealed expansion joint. B. C. Berry. 2,337,634; Dec. 28.
Water sealing composition for oil wells. D. L. Mitchell and H. Marks. 2,320,633; June 1.
Water ski binding. D. B. Hains. 2,327,783; Aug. 24.
Water softener. A. L. Riche. 2,315,223; Mar. 30.
Water softening apparatus. E. W. Eweson. 2,335,657; Nov. 30.
Water softening apparatus. E. W. Welp. 2,336,659; Dec. 14.
Water softening process. A. S. Behrman. 2,333,142; Nov. 2.
Water softening system and apparatus. T. Kaysen Jr. 2,329,350; Sept. 14.
Water-soluble azo dyes from amino-aryloxy-acyl-diamines. C. E. Sparks and J. W. Libby, Jr. Re. 22,287; Mar. 9.
Water-soluble compounds. H. Morschel and W. Meiser. 2,331,415; Oct. 12.
Water-soluble condensation product. R. Bauer. 2,321,451; June 8.
Water soluble condensation product and making the same. E. A. Mauersberger. 2,329,406; Sept. 14.

- Water-soluble high molal oxalkylated esters and making same. Certain. M. De Grootte and B. Keiser. 2,328,062; Aug. 31.
- Water-soluble high molecular acyl-biguamide. J. Bindler and H. Schlupfer. 2,324,354; July 13.
- Water-soluble nitrogen-containing heterocyclic compounds. O. Riester and G. Willmanns. 2,326,497; Aug. 10.
- Water-soluble phenolic resin and making same. H. Burrell. 2,309,610; Jan. 26.
- Water supply tank for concrete mixers. G. Jaeger. 2,316,132; Apr. 6.
- Water treating. A. W. Radston and W. O. Pool. 2,315,734; Apr. 6.
- Water-treating agents. W. O. Teeters. 2,327,323; Aug. 17.
- Water treating apparatus. M. P. Robinson. 2,330,008; Sept. 21.
- Water treating method. M. A. Enquist. 2,332,209; Oct. 19.
- Watering apparatus. J. Null. 2,336,120; Dec. 7.
- Waters. Process and composition for purification and treatment of natural or sewerage. P. C. Schneider. 2,310,655; Feb. 9.
- Watt-hour meter. W. H. Farr. 2,316,410; Apr. 13.
- Watt-hour meter. R. M. Leippe. 2,313,951; Mar. 16.
- Watt-hour meter. R. M. Leippe. 2,329,123; Sept. 7.
- Watt-hour, High frequency. E. Mittelmann. Re. 2,258; Jan. 26.
- Wattmeter. Thermal demand. H. C. Thomas and E. E. Lynch. 2,325,138; July 27.
- Wattmeter. Ultra high frequency. G. H. Brown. 2,314,764; Mar. 23.
- Wave amplitude limiting device. C. W. Carnahan. 2,323,880; July 6.
- Wave banding. E. Paschke. 2,311,124; Feb. 16.
- Wave generating system. E. Peterson. 2,317,482; Apr. 27.
- Wave length modulation. M. G. Crosby. 2,324,282; July 13.
- Wave length modulation. R. E. Schock. 2,310,260; Feb. 9.
- Wax composition. J. B. Holtzelaw and J. E. Clemens. 2,311,338; Feb. 16.
- Wax composition. E. A. Noll. 2,320,644-5; June 1.
- Wax composition. Stabilized. H. W. Stieglitz and J. M. Hood. 2,318,898; May 11.
- Wax from floors. Removing. A. E. Budner. 2,327,495; Aug. 24.
- Wax. Method of oxidizing. D. E. Carr. 2,318,669; May 11.
- Wax modifying agent and making the same. P. K. Frolich. 2,322,012; June 15.
- Wax modifying agents. Producing valuable. P. L. Young. 2,332,824; Oct. 26.
- Wax. Refining. J. W. Pool. 2,329,785; Sept. 21.
- Wax. Treating. R. C. Pollock. 2,327,155; Aug. 17.
- Wax. Treating. Mark. R. F. Pfenning and C. R. Davis. 2,315,077; Mar. 30.
- Waxer. Floor. A. J. Rufo. 2,307,858; Jan. 12.
- Ways for lathes and like machine. A. M. Stabinski. 2,330,154; Sept. 21.
- Weaning device for animals. A. R. Miskin. 2,314,625; Mar. 23.
- Wear-resisting tool joint. R. Neuhaus. 2,331,350; Nov. 16.
- Wear test method and composition. S. W. Ferris. 2,315,845; Apr. 6.
- Wear testing machine. H. A. Young and J. C. H. Wendes. 2,323,175; June 29.
- Wearing apparel. M. N. Peterson. 2,337,768; Dec. 28.
- Wearing apparel and protector therefor. Combination. H. Marx. 2,314,796; Mar. 23.
- Wearing surfaces. Preparing. T. H. Greer. 2,310,952; Feb. 16.
- Weatherproof electric wire. R. W. Shoemaker. 2,335,088; Nov. 23.
- Weatherproofing, aggregate and the like. Method and apparatus. J. E. Hall. 2,313,820; Mar. 16.
- Weather strip. J. S. Benson. 2,321,730; June 15.
- Weather strip. A. G. Nord. 2,315,979; Apr. 6.
- Weather strip. F. Reese. 2,333,742; Nov. 9.
- Weather strip. L. Spragen. 2,337,303; Dec. 21.
- Weather strip means for double hung sash. H. Hasenburger and H. W. Corbett. 2,329,533; Sept. 14.
- Weather strip and sash mounting. A. M. Starck. 2,307,647; Jan. 6.
- Weatherstrip for doors and the like. T. M. Hester. 2,310,433; Feb. 9.
- Weather stripping. A. A. Guillaume. 2,315,200; Mar. 30.
- Weather stripping. L. F. Julien. 2,322,029; June 15.
- Weather surface covering. W. R. Gardner. 2,325,124; July 27.
- Weaving. R. E. Burdett. 2,309,825; Feb. 2.
- Weaving frame. T. P. Littlepage, Jr. 2,316,698; Apr. 13.
- Web aligning apparatus. A. T. King. 2,331,030; Oct. 5.
- Web and air conditioning means. A. Weiss. 2,333,220; Nov. 2.
- Web. Coating flexible. L. W. Porter. 2,325,798; Aug. 3.
- Web dispenser. F. P. Vaughan. A. G. Krueger. N. J. Slye, and J. B. Engel. 2,308,840; Jan. 19.
- Web. Divisible paper. O. T. Thompson. 2,328,109; Aug. 31.
- Web feed. Stop mechanism for. E. B. Otis. 2,313,888; Mar. 16.
- Web-guiding. Tensioning, fulling, and smoothing mechanism for forming machines. L. W. Neely. 2,323,234; June 29.
- Web roll changing. O. C. Roesen. 2,320,656; June 1.
- Web roll replacement. O. C. Roesen. 2,320,658; June 1.
- Web roll splicing method and apparatus. O. C. Roesen. 2,320,657; June 1.
- Web roll supporting and controlling mechanism. R. A. Williams. 2,337,790; Dec. 28.
- Web splicing device. C. S. Caffrey. 2,334,160; Nov. 16.
- Web tensioning apparatus. H. N. Durham. 2,332,310; Oct. 19.
- Web tension equipment for printing presses. H. L. McCleery. 2,336,112; Dec. 7.
- Web tensioning device. H. A. Lotz. 2,334,164; Nov. 16.
- Web tensioning for web splicing machines. C. L. Ricards. 2,326,680; Aug. 10.
- Web winding apparatus. C. P. Vogel. 2,327,832; Aug. 24.
- Webs. Method and apparatus for cutting. P. Korsgaard. 2,307,889; Jan. 12.
- Webs. Method of and apparatus for superposing and severing. H. E. Lee. 2,307,142; Jan. 5.
- Webs or fleeces produced on carding engines. Treatment of. Varga. 2,323,167; June 29.
- Webs. Producing laterally stretchable. W. W. Rowe and W. A. Morris. 2,335,313; Nov. 30.
- Wedge keeper for rotary latches. W. A. Endter. 2,314,613; Mar. 23.
- Wedge-type clamp and carrier bar. J. P. Ratigan. 2,328,167; Aug. 31.
- Weed cutter. N. E. Brooke. 2,314,685; Mar. 23.
- Weed cutting machine. Combination. W. Withington. 2,337,141; Dec. 21.
- Weed cutting attachment. Adjustable. W. T. Graham. 2,333,371; Nov. 2.
- Weed destroying tool. F. C. Hill. 2,335,182; Nov. 23.
- Weeder. S. J. Williams, Jr. 2,321,537; June 8.
- Weeder attachment for cultivators. E. R. Neumann and W. J. Walter. 2,307,533; Jan. 5.
- Weeder. Rod. A. A. Scarlett. 2,325,882; Aug. 3.
- Weeder. Rod. M. H. Tuft. 2,322,328; June 22.
- Weft replenishing loom. B. W. Brouwer and W. A. Patterson. 2,312,146; Feb. 23.
- Weigh tank. E. R. Ailing. 2,328,885; Sept. 7.
- Weighing and grading apparatus. C. T. Walter. 2,311,614; Feb. 16.
- Weighing and indicating apparatus. M. C. Tate. 2,331,871; Oct. 19.
- Weighing and receiving unit. Grain. A. P. Winter. 2,329,969; Sept. 21.
- Weighing and testing machine. Automatic. F. F. Lewis. 2,334,106; Nov. 9.
- Weighing apparatus. C. Best. 2,322,108; June 15.
- Weighing apparatus. C. Best. 2,329,975; Sept. 21.
- Weighing apparatus. W. H. Venable. 2,328,935; Sept. 7.
- Weighing apparatus with overhead dial unit. O. S. Carless. 2,310,614; Feb. 9.
- Weighing device. J. M. Robinson. 2,330,746; Sept. 28.
- Weighing machine. Automatic. J. P. Clifford. 2,336,347; Dec. 7.
- Weighing machine with digit indication of weighing value. A. J. Bange. 2,315,181; Mar. 30.
- Weighing mechanism. C. J. Malhot. 2,322,862; June 29.
- Weighing mechanism. E. W. Vredenburg. 2,314,299; Mar. 16.
- Weighing scale. J. H. Homrighous. 2,311,437; Feb. 16.
- Weighing scales. Control means for. E. J. Lynch. 2,336,407; Dec. 7.
- Weighing system. M. C. Tate. 2,325,345; July 27.
- Weight classifier. C. T. Walter. 2,308,729; Jan. 19.
- Weight indicator. F. N. Fossalt. 2,330,432; Sept. 28.
- Weight indicator. A. L. Rodgers. 2,324,174; July 13.
- Weight testing machine. F. P. Mansbendel. 2,307,695; Jan. 5.
- Weighting and stiffening device. M. Walker. 2,333,603; Nov. 2.
- Weighting device. J. Oetli and H. Hess. 2,315,813; Apr. 6.
- Weld backing construction. E. F. Miller. 2,321,308; June 8.
- Welded assembly. J. E. Anderson. 2,320,164; May 25.
- Welded joint for hot water tanks. W. G. Martin. 2,332,454; Oct. 19.
- Welded pipe joint. H. O. Hill. 2,324,928; July 20.
- Welded steel structure. J. O. Jackson. 2,337,049; Dec. 21.
- Welded tanks and other structures. Construction of. R. Saulnier. 2,335,451; Nov. 30.
- Welder circuits. J. Slepian. 2,337,842; Dec. 28.
- Welder. Repeat. J. Abplanalp. 2,337,019; Dec. 21.
- Welder. Spot. M. M. A. Sodoff. 2,337,302; Dec. 21.
- Welder. Stud. E. F. Nelson. Re. 2,237; May 18.
- Welder's electrode holder. C. Laskey. 2,317,780; Apr. 27.
- Welder's training device. C. E. Moberg. 2,333,192; Nov. 2.
- Welding. P. P. Anderson, Jr., and R. M. Major. 2,330,943; Oct. 5.
- Welding. E. G. Beiderman. 2,337,022; Dec. 21.

- Welding. W. J. De Witt, A. Hommel, and A. Schoenwald. 2,321,068; June 8.
- Welding. N. G. Schreiner. 2,331,937; Oct. 19.
- Welding alloy. W. C. McLott. 2,310,104; Feb. 2.
- Welding and flash removing machine. H. E. Morton. 2,314,656; Mar. 23.
- Welding apparatus. J. L. Adams, Jr. 2,335,895; Dec. 7.
- Welding apparatus. G. D. Agnew. 2,310,015; Feb. 2.
- Welding apparatus. A. E. Berriman. 2,330,465; Sept. 28.
- Welding apparatus. J. W. Dawson and R. N. Stoddard. 2,314,691; Mar. 23.
- Welding apparatus. D. W. Fentress. 2,322,796; June 29.
- Welding apparatus. G. R. Herman. 2,308,510; Jan. 19.
- Welding apparatus. F. Hill. 2,323,039; June 29.
- Welding apparatus. M. O. Kuhn. 2,325,000; July 20.
- Welding apparatus. F. C. Owen. 2,322,709; June 22.
- Welding apparatus. H. T. Platz. 2,329,851; Sept. 21.
- Welding apparatus. E. Riemenschneider. 2,317,221; Apr. 20.
- Welding apparatus. B. Shmurak. 2,326,805; Aug. 17.
- Welding apparatus. C. W. Steward. 2,333,595; Nov. 2.
- Welding apparatus. H. A. Strickland, Jr. 2,318,023-4; May 4.
- Welding apparatus. W. A. Weightman. 2,313,789; Mar. 16.
- Welding apparatus. W. A. Weightman. 2,323,361; July 6.
- Welding apparatus. W. A. Weightman. 2,323,696; July 6.
- Welding apparatus. W. A. Weightman. 2,325,291; July 27.
- Welding apparatus. W. A. Weightman. 2,326,590; Aug. 10.
- Welding apparatus. I. F. Weller. 2,307,553; Jan. 5.
- Welding apparatus and welding. J. L. Adams, Jr. 2,335,894; Dec. 7.
- Welding appliance. C. F. Kaunitz. 2,336,403; Dec. 7.
- Welding arc protector. C. B. Neill. 2,336,283; Dec. 7.
- Welding circuit. S. M. Humphrey. 2,319,763; May 18.
- Welding clamp. G. Brosco. 2,323,450; July 6.
- Welding composition. G. G. Diem. 2,333,486; Nov. 9.
- Welding controller. C. Stansbury. 2,309,280; Jan. 26.
- Welding device. J. C. Albright. 2,330,658; Sept. 28.
- Welding device. W. S. Southwick. 2,323,022; Oct. 19.
- Welding electric. H. Tannheim. 2,332,950; Oct. 26.
- Welding electrode. J. Fletcher. 2,317,681; Apr. 27.
- Welding electrode holder. F. R. Hensel. 2,322,691; June 10.
- Welding electrode holder. E. F. Holt. 2,315,854; Apr. 6.
- Welding fixture. E. P. Townsley. 2,328,694; Sept. 7.
- Welding flash-arc. E. F. Holt. 2,323,660; July 6.
- Welding flash trimmer. F. W. Schwin. 2,309,218; Jan. 26.
- Welding flux for magnesium base alloys. H. A. Reimers. 2,327,065; Aug. 17.
- Welding fusion. J. E. Anderson. 2,320,163; May 25.
- Welding glove. G. L. Smith, Jr. 2,333,594; Nov. 2.
- Welding gun. C. B. Van Eck. 2,314,320; Mar. 16.
- Welding jig. J. W. Innes. 2,314,788; Mar. 23.
- Welding machine. P. E. Brumberg. 2,329,977; Sept. 21.
- Welding machine. D. W. Fentress. 2,337,037; Dec. 21.
- Welding machine. J. B. Quigley. 2,327,929; Aug. 24.
- Welding machine. Electric flash. W. H. Millwood. 2,321,911; July 20.
- Welding machine electrode. O. W. Winter. 2,317,962; July 27.
- Welding machine. Press. W. A. Weightman. 2,319,095; May 11.
- Welding machine. Projection. H. P. Guird and F. G. Troppman. 2,325,507; July 27.
- Welding metals electrically. A. Longoria. 2,330,503; Sept. 28.
- Welding method and apparatus. C. E. Coates and J. H. Cooper. 2,328,781; Sept. 7.
- Welding method and apparatus. D. W. Fentress. 2,323,903; July 13.
- Welding method and apparatus. J. C. Hodge. 2,331,689; Oct. 12.
- Welding method and apparatus. C. F. Leathers and G. E. July. 2,329,122; Sept. 7.
- Welding method and apparatus for. M. S. Clark. 2,313,537; Oct. 12.
- Welding method of and apparatus for. H. Kershaw. 2,316,597; Apr. 13.
- Welding mill. W. Rodder and J. H. Hopkins. 2,327,318; Aug. 17.
- Welding of manganese bronze, Electric arc. C. E. Swift. 2,320,675; Jan. 19.
- Welding organization. E. F. Nelson. Re. 22,411; Dec. 21.
- Welding rod. L. C. Dodd. 2,319,539; May 18.
- Welding rod. J. A. Goodford. 2,329,996; Sept. 21.
- Welding rod. N. K. G. Tholand. 2,317,421; Apr. 27.
- Welding rod. J. J. Vetter. 2,315,466; Mar. 30.
- Welding rod and making the same. L. Neumann. 2,333,811; Nov. 9.
- Welding rod connector. C. E. Rockne. 2,316,890; Apr. 20.
- Welding rod holder. J. P. Weed. 2,325,926; Aug. 3.
- Welding rod or electrode. G. Halm and E. J. Rogers. 2,337,714; Dec. 28.
- Welding side seams. H. T. Odquist. 2,323,349; July 6.
- Welding, soldering, and fusing metals together. A. Rakos. 2,317,483; Apr. 27.
- Welding system, Condenser. J. W. Dawson. 2,319,215; May 18.
- Welding tip, Multiflame. W. R. Linden. 2,322,300; June 22.
- Welding transformer. E. C. Wentz. 2,310,886; Feb. 9.
- Welding unit, Portable. B. A. Keener and C. G. Comer. 2,313,944; Mar. 16.
- Welds. Treating. J. R. Craig. 2,325,113; July 27.
- Well-bore radiation logging apparatus. J. C. Arnold. 2,313,310; Mar. 9.
- Well bores, Surveying. L. C. Miller. 2,317,632; Apr. 27.
- Well casing. E. L. Carter. 2,335,578; Nov. 30.
- Well casing attachment. D. Scaramucci. 2,320,670; June 1.
- Well cementing apparatus. C. E. Burt and W. S. Alt-house, Jr. 2,330,267; Sept. 28.
- Well cementing apparatus. N. W. Wickersham. 2,310,483; Feb. 9.
- Well cleaning. N. E. Gunderson. 2,309,697; Feb. 2.
- Well control head. E. J. Roach and E. F. Cooke, Jr. 2,312,487; Mar. 2.
- Well control head. E. J. Roach and E. F. Cooke. 2,315,134; Mar. 30.
- Well depth recording. J. T. Hayward. 2,326,219; Aug. 10.
- Well device. L. C. Miller. 2,334,428; Nov. 16.
- Well drilling apparatus. R. Ogarrlo. 2,336,029; Dec. 7.
- Well drilling bit. C. L. Allen. 2,320,550; June 1.
- Well drilling bit. A. W. Kammerer. 2,320,136-7; May 2.
- Well drilling fluid. T. F. Ford and A. G. Loomis. 2,335,146; Nov. 23.
- Well equipment, Closing and leakage testing of. H. Allen and R. N. Bean. 2,334,303; Nov. 16.
- Wellhead. H. Allen. 2,337,221; Dec. 21.
- Well head. A. J. Penick and K. T. Penick. 2,312,476; Mar. 2.
- Well head assembly. A. J. and K. T. Penick. 2,313,169; Mar. 9.
- Well liners, Setting. F. G. Beckman and E. F. Edwards. 2,336,586; Dec. 14.
- Well logging. L. W. Blau. 2,337,442; Dec. 21.
- Well logging. J. J. Heigl. 2,337,465; Dec. 21.
- Well logging apparatus and method thereof. R. E. Fearon. 2,309,835; Feb. 7.
- Well logging. Geochemical. L. Horvitz and E. E. Rosaire. 2,324,085; July 13.
- Well logging method. H. Hoover, Jr. 2,328,555; Sept. 7.
- Well-logging method and apparatus. J. Neufeld. 2,323,484; July 6.
- Well logging method and device. R. E. Fearon. 2,308,361; Jan. 12.
- Well measuring device. M. L. Hart. 2,324,698; July 20.
- Well mechanism. R. A. Steps. 2,312,600; Mar. 2.
- Well packer. D. Brookshire. 2,319,295; May 18.
- Well packer apparatus. R. C. Baker. 2,315,921; Apr. 6.
- Well plug. R. Bassinger. 2,331,532; Oct. 12.
- Well pump. W. J. Crites. 2,315,841; Apr. 6.
- Well pump. H. J. Pankratz. 2,329,359; Sept. 14.
- Well pump construction. C. J. Coberly. 2,327,503; Aug. 24.
- Well pumping apparatus. W. L. Kitsman. 2,314,583; Mar. 23.
- Well pumping apparatus. E. W. Rearwin. 2,326,170; Aug. 10.
- Well pumping apparatus. E. J. Weatherby. 2,311,893; Feb. 23.
- Well pumping device. G. W. Miller and W. L. Kimsey. 2,328,663; Sept. 7.
- Well pumping device. G. W. Miller and W. L. Kimsey. 2,334,943; Nov. 23.
- Well pumping unit, Power. R. P. Grayson. 2,333,857; Nov. 9.
- Well pumps, Preventing pitting of. E. M. Wagner. 2,310,757; Feb. 9.
- Well screen. B. B. Young. 2,335,558; Nov. 30.
- Well screen having water contacting surfaces formed of plastic material. C. E. Bodey, Jr. 2,314,477; Mar. 23.
- Well shooting. H. T. Kennedy. 2,316,596; Apr. 13.
- Well survey apparatus. L. C. Miller. 2,324,103; July 13.
- Well survey system. E. M. Irwin, G. E. Lewis, R. H. Duval, B. H. Rule, and R. M. Chenoweth. 2,336,101; Dec. 7.
- Well surveying apparatus. H.-G. Doll. 2,338,029; Dec. 28.
- Well surveying device. G. L. Kothny. 2,318,612; May 11.
- Well surveying device. R. G. Piety. 2,333,883; Nov. 9.
- Well surveying instrument. H.-G. Doll. 2,338,028; Dec. 28.
- Well surveying method and apparatus. R. E. Fearon. 2,316,576; Apr. 13.
- Well surveying method and apparatus. W. G. Green. 2,320,863; June 1.
- Well surveying method and apparatus. J. Neufeld. 2,320,643; June 1.
- Well surveying method and apparatus. S. A. Scherbatskov. 2,315,355; Mar. 30.
- Well surveying method and apparatus. S. A. Scherbatskov. 2,322,478; June 22.
- Well swab. G. A. Rayner. 2,309,922; Feb. 2.

- Well tester, P. P. Shelby, 2,313,176; Mar. 9.
Well tool, P. W. Appleby, 2,312,789; Mar. 2.
Well tool, J. T. Phipps, 2,329,939; Sept. 21.
Well tool, A. Sowers, 2,321,886; July 20.
Well tools, Improvement in, J. S. McDonald and W. E. A. Ruska, 2,327,362; Aug. 24.
Well treating fluid, L. C. Morgan and T. J. Stewart, 2,335,689; Nov. 30.
Well-treating tool, M. W. Frack, 2,329,157; Sept. 7.
Well washing tool, P. W. Appleby, 2,307,058; Jan. 5.
Wells, Apparatus for elevating fluids in, H. D. Woodmansee, 2,307,557; Jan. 5.
Wells, Cleanout, F. G. Beckman, 2,312,018; Feb. 23.
Wells, Controlling, A. S. Baylor, 2,307,062; Jan. 5.
Wells, Flowing, H. C. Giltisch, 2,331,550; Oct. 12.
Wells, Logging, F. Willis, Jr., 2,331,152; Oct. 5.
Wells, Method and apparatus for cementing, C. S. Sanders, 2,309,791; Feb. 2.
Wells, Method and apparatus for completing, J. A. Birmingham, Jr., 2,312,862; Mar. 2.
Wells, Method and apparatus for surveying, R. G. Piety, 2,316,361; Apr. 13.
Wells, Packing, C. J. Coberly, 2,310,397; Feb. 9.
Wells, Producing equipment for, A. J. and K. T. Penick, 2,335,355; Nov. 30.
Wells producing mineral fluid, Treatment of, L. C. Chamberlain, 2,327,017; Aug. 17.
Wells, Testing, J. E. Goslin, W. R. Postlewaite and W. C. Miller, 2,334,920; Nov. 23.
Wells, Testing, M. O. Johnston, 2,337,752; Dec. 28.
Wells, Treatment of, F. N. Alquist, 2,331,155; Oct. 5.
Wells, Treatment of, W. B. Campbell, 2,308,414; Jan. 12.
Wells, Treatment of, C. A. Prince, 2,308,425; Jan. 12.
Wells, Treatment of, J. B. Stone, 2,314,022; Mar. 16.
Wells, butane and packing machine, E. A. Holmgren, 2,331,911; Oct. 19.
Wells feeding device, A. R. Morrill, 2,321,610; June 15.
Wells for heat and shoe construction, Preferred, W. C. Wright, 2,329,314; Sept. 14.
Wells hook, H. J. Straussberger, 2,325,208; July 27.
Wells inside and making, E. A. Ellis, 2,332,996; Oct. 26.
Wells laying machine, P. J. Connors, 2,320,111; June 1.
Wells mechanism for knitting machines, C. A. Hepp, 2,310,368; Feb. 9.
Wells type shoe, M. L. Brown, 2,320,321; May 25.
Wetting and making the same, W. B. White, 2,328,937; Sept. 7.
Wetting for boots and shoes, G. O'Gorman, 2,329,290; Sept. 14.
Wet solids, Treating, T. Woodward, 2,335,373; Nov. 30.
Wetting and dispersion of pigments, F. L. Turbett, 2,325,877; July 6.
Wheat cereal, Preparing, F. James, C. A. Cobb, and L. Kishlar, 2,332,914; Oct. 26.
Wheel; See—
Abrading wheel. Porewheel bushing grinding wheel.
Abrasive faced wheel. Pressure sealed wheel.
Adjustable sprocket wheel. Pulley or feed wheel.
Anti-theft wheel. Rapid-change vehicle wheel.
Auxiliary traction wheel. Resilient car wheel.
Auxiliary wheel. Resilient wheel.
Blade wheel. Sand dewatering wheel.
Bogie wheel. Segmental grinding wheel.
Buffing wheel. Shiftable steering wheel.
Built-up wheel. Snow ring and wheel.
Chain wheel. Solid tire cushion wheel.
Clear vision steering wheel. Spring cushioned wheel.
Composite grinding wheel. Spring wheel.
Differential wheel. Star wheel.
Double inlet blower wheel. Steerable caster type tail wheel.
Electroconductive wheel. Steering wheel.
Forged car wheel. Traction wheel.
Grinding wheel. Tractor wheel.
Gyro wheel. Vehicle wheel.
Hand wheel.
Nonlifting fifth wheel.
Peripheral diamond grinding wheel.
Wheel, H. D. Corwin, 2,332,131; Oct. 19.
Wheel, E. P. Hawthorne, 2,334,673; Nov. 16.
Wheel, A. W. Herrington, 2,329,901; Sept. 21.
Wheel, H. J. Horn, 2,327,044; Aug. 17.
Wheel, F. K. Loomis, 2,312,345; Mar. 2.
Wheel, J. Mercier, 2,308,379; Jan. 12.
Wheel, T. F. McManamen and L. White, 2,330,133; Sept. 21.
Wheel, E. L. Rietz, 2,332,754; Oct. 26.
Wheel, H. W. Sanford, 2,312,361; Mar. 2.
Wheel, C. W. Sinclair, 2,337,779; Dec. 28.
Wheel, S. R. Smith, 2,313,277; Mar. 9.
Wheel alignment gauge, G. M. Graham, 2,308,808; Jan. 19.
Wheel and disks thereof, Polishing or buffing, T. Whitehead, 2,317,703; Apr. 27.
Wheel and making the same, Buffing, H. R. Benbow, 2,318,986; May 11.
Wheel and tire locking device, Anti-theft automobile, O. J. Blanchet, 2,333,356; Nov. 2.
Wheel assembly, A. W. Woodward, 2,316,642; Apr. 13.
Wheel assembly and drive therefor, Furnishing, W. A. Ingalls, 2,318,998; May 11.
Wheel assembly, Spring, P. C. Pezzella, 2,317,218; Apr. 20.
Wheel balancer, Dynamic and static, B. Castiglia, 2,334,991; Nov. 23.
Wheel balancing, T. G. Hare, 2,313,339; Mar. 9.
Wheel balancing apparatus, C. C. Bennett, 2,319,655; May 18.
Wheel balancing ring, T. F. Beaman, 2,336,920; Dec. 14.
Wheelbarrow, E. Balls, 2,330,944; Oct. 5.
Wheelbarrow, Side delivery, S. Slaughter, 2,313,591; Mar. 9.
Wheel body for dual demountable rims, J. W. Holt, 2,330,285; Sept. 28.
Wheel chair and stretcher, Combination, J. Costa and F. Costa, 2,322,683; June 22.
Wheel construction, W. S. Brink, 2,308,959; Jan. 19.
Wheel construction, Airplane, C. Hollerith, 2,317,610; Apr. 27.
Wheel construction, Dual, V. C. and E. V. Garnett, 2,317,906; Apr. 27.
Wheel construction, Independently rotatable dual, G. Walther and E. L. Miller, 2,333,753; Nov. 9.
Wheel construction, Resilient, Z. E. Keough, 2,322,454; June 22.
Wheel-control structure for educational airplane-cockpit outfits, S. Gold, 2,332,216; Oct. 19.
Wheel control, Twin, S. E. Angell, 2,335,469; Nov. 30.
Wheel cover, C. A. Lyon, 2,308,615; Jan. 19.
Wheel cover structure and assembly, G. A. Lyon, 2,312,568; Mar. 2.
Wheel dresser and gear form checker, Gear grinding, S. J. Kopec, 2,321,825; June 15.
Wheel dresser for gear grinding machine, C. Knowles and A. L. Wilder, 2,335,341; Nov. 30.
Wheel dresser, Grinding, J. Sneed, 2,308,317; Jan. 12.
Wheel dressing device, O. Storz, 2,336,650; Dec. 14.
Wheel dressing tool, S. Koller, 2,337,249; Dec. 21.
Wheel drive for airplanes, P. A. Downey, 2,335,398; Nov. 30.
Wheel feed, H. A. W. Metzner, 2,309,656; Feb. 2.
Wheel for aircraft, Landing, H. F. Schipfel, 2,333,447; Nov. 2.
Wheel for marking machines, Type, O. B. Meyers, 2,310,644; Feb. 9.
Wheel for roller skates, C. A. Biczak, Jr., 2,316,498; Apr. 13.
Wheel for roller skates, J. T. Enley, 2,312,396; Mar. 2.
Wheel grinding machine, Multiple, H. N. Rocks, M. A. Holmgren, and H. E. Balsiger, 2,313,482; Mar. 9.
Wheel locking assembly, Automobile, H. S. Jandus, 2,315,206; Mar. 30.
Wheel mount, Grinding, B. A. Wilson, 2,308,843; Jan. 19.
Wheel mounting, K. Brenkert, Re. 22,388; Nov. 2.
Wheel mounting, S. A. Fred, 2,323,813; July 6.
Wheel mounting, A. A. Scarlett, 2,309,257; Jan. 28.
Wheel mounting for vehicles, Shock reducing and cushioning, G. L. Larson, Re. 22,316; May 18.
Wheel mounting means, A. S. Charles, 2,336,767; Dec. 14.
Wheel mounting means, Adjustable tractor, O. Dekker, 2,324,681; July 20.
Wheel or other articles, Steering, J. B. Tegarty, 2,311,317; Feb. 16.
Wheel rotating device for airplanes, Landing, R. L. Tiger, 2,320,547; June 1.
Wheel rotator, Automatic airplane, R. E. Mitton and A. M. Campbell, 2,333,191; Nov. 2.
Wheel shroud fastener, A. Claud-Mantie, 2,314,651; Mar. 23.
Wheel slip responsive means, C. M. Hines, 2,317,146; Apr. 20.
Wheel slippage, Preventing locomotive, H. A. Hoke and N. E. Merrell, 2,330,712; Sept. 28.
Wheel structure, G. A. Lyon, 2,308,616-8; Jan. 19.
Wheel structure, G. A. Lyon, 2,309,519; Jan. 26.
Wheel structure, G. A. Lyon, 2,317,393; Apr. 27.
Wheel structure, G. A. Lyon, 2,326,788; Aug. 17.
Wheel structure, G. A. Lyon, 2,329,921; Sept. 21.
Wheel structure, Dual, F. W. Burger, 2,309,573; Jan. 26.
Wheel suspension, D. K. Badertscher, 2,334,597; Nov. 16.
Wheel suspension, H. A. Knox, 2,323,919; July 13.
Wheel suspension, especially for motor cars, W. Seyerle, 2,330,633; Sept. 28.
Wheel suspension for track-laying tractors, Track, J. G. Heaslet, 2,308,331; Jan. 12.
Wheel suspension, Individual, J. W. Leighton, 2,321,832; June 15.
Wheel theft prevention means, R. M. Shaw, Jr., 2,328,301; Aug. 31.
Wheel traction device, B. A. Bryon, 2,315,838; Apr. 6.
Wheel trim, Making, G. A. Lyon, 2,316,346; Apr. 13.
Wheel trim securing means, Ornamental, C. B. Aske, Jr., 2,333,626; Nov. 9.
Wheel truing apparatus, Grinding, C. G. Flygare and F. T. MacKenzie, 2,335,207; Nov. 23.
Wheeled golf club carrier, W. C. Moffitt, 2,326,482; Aug. 10.
Wheeled vehicle, B. P. Joyce, 2,313,877; Mar. 16.

- Wheeled vehicle of the elevator type. P. B. Ashworth. 2,336,831; Dec. 14.
- Wheels, Making vehicle. J. D. Reddick. 2,307,335; Jan. 5.
- Wheels, Manufacturing and case hardening gear. G. E. Millard. 2,335,295; Nov. 30.
- Whey, Drying. K. Bertram and E. Lemmerich. 2,335,380; Nov. 30.
- Whipped cream dispenser. W. W. Hubenet. 2,324,162; July 13.
- Whipstock. H. W. Ballard. 2,331,293; Oct. 12.
- Whipstock. Collapsible. J. E. Brantly. 2,334,746; Nov. 23.
- Whipstock deflecting tool. F. L. Le Bus. 2,312,656; Mar. 2.
- Whipstock, Vibrating head. J. E. Brantly. 2,334,747; Nov. 23.
- White lead, Manufacture of. E. J. Dunn, Jr. 2,323,982; Jan. 13.
- Wick seal for flares and making same. P. E. Damon. 2,336,675; Dec. 14.
- Wicket. C. M. Wellons. 2,335,327; Nov. 30.
- Wicket for drying ovens. J. W. Seigh. 2,309,259; Jan. 26.
- Winch. N. H. Drake. 2,314,200; Mar. 16.
- Winch. M. R. Robinson. 2,337,772; Dec. 28.
- Winch assemblies. H. C. French. 2,321,905; June 15.
- Winch drums, Level winding device for. R. T. Hendrickson. 2,336,684; Dec. 14.
- Winch construction. C. B. Curtiss. 2,323,800; July 6.
- Winch structure. D. B. Livingston. 2,326,785; Aug. 17.
- Windback device. L. L. Harmon. 2,336,245; Dec. 7.
- Wind board. O. M. Barber. 2,324,754; July 20.
- Wind-driver electric generator. H. Skreberg. 2,329,089; Sept. 7.
- Wind screen wiper for motor vehicles. P. A. Scott-Iversen and A. Huyton. 2,308,212; Jan. 12.
- Wind sounding device. G. L. Herter. 2,317,458; Apr. 27.
- Winder implement. J. Robinson. 2,311,575; Feb. 16.
- Winding. L. F. Romine. 2,328,497; Aug. 31.
- Winding and unwinding attachment for tractors. Wire. M. H. Baal. 2,324,350; July 13.
- Winding apparatus. E. J. Abbe. 2,325,211; July 27.
- Winding apparatus. W. Bridges. 2,313,618; Mar. 9.
- Winding apparatus. P. J. Christman. 2,318,056; May 4.
- Winding apparatus. C. M. Croft. A. W. Bergeron, and F. G. Dodge. 2,307,680; Jan. 12.
- Winding apparatus. E. J. McIlvried. 2,317,290; Apr. 20.
- Winding device for spools of surgical instruments. J. D. Karle. 2,328,557; Sept. 7.
- Winding device for watches. Tight. H. Aegler. 2,309,428; Jan. 26.
- Winding for single-phase series motors. K. Töflinger. 2,310,131; Feb. 2.
- Winding machine. E. J. Abbott. 2,309,085; Jan. 26.
- Winding machine. R. R. Almy. 2,329,027; Sept. 7.
- Winding machine. C. H. Jones. 2,328,344; Aug. 31.
- Winding machine. A. L. Quinlan. 2,326,969; Aug. 17.
- Winding machine, Automatic. H. F. Hild. 2,333,570; Nov. 2.
- Winding machine, Continuous. W. S. Corbin and C. S. Hartman. 2,332,371; Oct. 19.
- Winding machine, Cross wound cop. W. Schweiter. 2,336,963; Dec. 14.
- Winding machine having a plurality of winding spindles. W. Siegenthaler. 2,316,462; Apr. 13.
- Winding tool. G. G. Eisenbeis. 2,328,792; Sept. 7.
- Windmill. J. J. Duffy. 2,314,612; Mar. 23.
- Windmill. H. N. Edens and C. B. Molter. 2,307,622; Jan. 5.
- Windmill. W. J. Fiedler. 2,319,592; May 18.
- Windmill. H. A. J. Thiesen. 2,309,283; Jan. 26.
- Window. P. L. Adams. 2,326,743; Aug. 17.
- Window. C. A. Bowron. 2,336,922; Dec. 14.
- Window. E. G. Bunjes. 2,327,246; Aug. 17.
- Window. T. J. Collieran. 2,332,060; Oct. 19.
- Window. A. R. Exiner. 2,330,696; Sept. 28.
- Window. E. H. Lunken and G. A. Just. 2,310,247; Feb. 9.
- Window. E. H. Lunken and G. A. Just. 2,319,245; May 18.
- Window. E. Peremi and L. Toth. 2,315,542; Apr. 6.
- Window and operating means therefor. H. Coleman. 2,314,970; Mar. 30.
- Window and protective material therefor. H. G. Matthews, L. W. and T. M. Cole. 2,331,410; Oct. 12.
- Window assembly. H. W. Mackey. 2,322,649; June 22.
- Window, Automatic multiple sash. H. Larson. 2,313,827; Mar. 16.
- Window, Black-out. R. H. Lootens. 2,316,442; Apr. 13.
- Window channel, Metal. B. R. Billmeyer. 2,313,507; Mar. 9.
- Window channeling. R. J. Bush. 2,313,419; Mar. 9.
- Window cleaner. E. Simor. 2,313,367; Mar. 9.
- Window cleaning apparatus. W. L. Kraemer. 2,326,231; Aug. 10.
- Window closure. F. Beachy. 2,310,672; Feb. 9.
- Window construction. F. F. Beil. 2,337,633; Dec. 28.
- Window construction. R. H. Bliss. 2,310,506; Feb. 9.
- Window construction. O. F. Graebner. 2,326,532; Aug. 10.
- Window construction. H. H. Hebestreit. 2,309,067; Jan. 19.
- Window construction. G. Schuler and H. Tymann. 2,308,548; Jan. 19.
- Window construction. E. C. Swanson, V. P. Frederickson, and P. C. Gaskell. 2,317,312; Apr. 20.
- Window construction. C. B. Weedon. 2,324,447; July 13.
- Window construction, Sliding sash. F. Albert. 2,332,979; Oct. 26.
- Window construction unit. H. Edwards and R. B. Nelson. 2,310,621; Feb. 9.
- Window control and locking device. L. W. Kent. 2,335,421; Nov. 30.
- Window control means. L. C. Maher. 2,334,635; Nov. 16.
- Window cowl. W. C. Rife. 2,325,276; July 27.
- Window, Double. H. Hertel and J. Muttray. 2,308,918; Jan. 19.
- Window drier. C. Crawford. 2,314,078; Mar. 16.
- Window, Flexible storm. A. D. Greene. 2,321,078; June 8.
- Window for X-ray tubes. Z. J. Atlee and R. F. Wilson. 2,309,566; Jan. 26.
- Window frame and outer sash. E. L. Cridge. 2,319,179; May 11.
- Window frame structure. D. H. Jolivette. 2,308,978; Jan. 19.
- Window guard. B. J. Dahl. 2,308,158; Jan. 12.
- Window guard. M. S. McDowell. 2,323,097; June 29.
- Window guard and screen. E. H. Lunken. 2,314,230; Mar. 16.
- Window lifting and lowering device. W. S. Wiseman. 2,331,260; Oct. 5.
- Window lock. F. J. Westrope. 2,326,084; Aug. 3.
- Window, Locomotive. J. B. Kauffman. 2,333,574; Nov. 2.
- Window Locomotive storm. J. B. Kauffman. 2,311,550; Feb. 16.
- Window opener, Casement. W. M. McClearen. 2,337,913; Dec. 28.
- Window operating means. W. F. Shetzline. 2,323,731; July 6.
- Window operating mechanism. R. W. Treverton. 2,317,966; Apr. 27.
- Window operating mechanism. R. W. Treverton. 2,328,237; Aug. 31.
- Window operating mechanism and door stop. A. Rappl and R. E. Rousseau. 2,335,696; Nov. 30.
- Window operating mechanism for automobiles. A. Rappl. 2,334,031; Nov. 9.
- Window operator. A. Rappl. 2,327,064; Aug. 17.
- Window operator and tension limiting device. Electrical. E. H. Lunken and G. A. Just. 2,329,280; Sept. 14.
- Window operator for motor vehicles. E. C. Horton and A. Rappl. 2,338,069; Dec. 28.
- Window pane, Antiglare. K. G. Anderson. 2,315,103; Mar. 30.
- Window, Projected. G. A. Grau. 2,308,169; Jan. 12.
- Window regulator. J. H. Roethel. 2,319,088; May 11.
- Window regulator. J. H. Roethel. 2,320,751; June 1.
- Window regulator. E. G. Simpson. 2,317,490; Apr. 27.
- Window regulator. E. C. Vollrath. 2,312,607; Mar. 2.
- Window run, Making. G. T. Balle. 2,330,662; Sept. 28.
- Window sash lock. H. Phillipsberg. 2,310,312; Feb. 9.
- Window screen. P. Morfy. 2,334,432; Nov. 16.
- Window shade. A. Loid. 2,309,467; Jan. 26.
- Window shade attaching means. S. J. Johnson. 2,322,092; June 15.
- Window shade machine. H. Warp. 2,321,055; June 8.
- Window shade mounting. E. F. Pidgeon. 2,324,423; July 13.
- Window shade roller and curtain rod bracket. S. Woltanski. 2,313,907; Mar. 16.
- Window screen. L. E. Brewer. 2,323,295; July 6.
- Window screen. H. O. Kraft. 2,314,715; Mar. 23.
- Window screen, Automatic. H. A. Wilber. 2,307,477; Jan. 5.
- Window screen frame. A. Lang. 2,312,721; Mar. 2.
- Window screen or blind. L. E. Willett. 2,314,026; Mar. 16.
- Window shield. L. J. King. 2,328,910; Sept. 7.
- Window shelf, Heat-saving and/or black-out. I. Goldmerstein. 2,318,217; May 4.
- Window, Sliding. W. H. Rosewarne. 2,308,896; Jan. 19.
- Window stay. C. Olson. 2,311,687; Feb. 23.
- Window, Storm. H. H. Goldberg. 2,314,992; Mar. 30.
- Window structure. O. L. and S. J. Dautrick. 2,310,401; Feb. 9.
- Window structure. M. J. C. Johanns. 2,313,488; Mar. 9.
- Window structure. F. H. Kuyper. 2,317,636; Apr. 27.
- Window structure. J. I. Levyn. 2,308,621; Jan. 19.
- Window structure. E. C. Swanson. 2,328,509; Aug. 31.
- Window turning machine. H. Hauge. 2,315,522; Apr. 6.
- Window unit, Supplemental metallic. H. N. Renton. 2,329,485; Sept. 14.
- Window units for trailers and the like. M. A. Conway. 2,323,121; June 29.
- Window, Variable density. E. H. Land. 2,311,840; Feb. 23.
- Window, Variable density. E. H. Land. 2,313,349; Mar. 9.
- Window, Ventilating. C. L. Baldock. 2,331,823; Oct. 12.
- Windows, Glazing. F. A. M. Oldham. 2,311,077; Feb. 16.

- Windrow lifter. N. P. Ostman. 2,330,910; Oct. 5.
 Windrow pickup press. F. D. Jones. 2,318,229; May 4.
 Windscreen wiper having a wide sweeping action. R. Marcus. 2,313,263; Mar. 9.
 Windshield. C. F. Kramer. 2,319,869; May 25.
 Windshield attachment. J. Vavroch. 2,326,267; Aug. 10.
 Windshield cleaner. E. C. Horton and A. C. Seintz. 2,316,070; Apr. 6.
 Windshield cleaner arm mechanism. F. G. and W. M. Folberth. 2,337,879; Dec. 28.
 Windshield cleaner mechanism for vehicles or vessels. P. H. Klein. 2,313,201; Mar. 9.
 Windshield cleaner motor. E. C. Horton. 2,322,963; June 20.
 Windshield cleaning apparatus. O. W. Sailer. 2,328,529; May 1.
 Windshield cleaning mechanism. F. W. P. 2,333,851; Nov. 9.
 Windshield defroster attachment. M. P. Marong. 2,327,917; Aug. 24.
 Windshield for microphones. M. Rettinger. 2,325,424; July 27.
 Windshield protector and cleaner for airplanes. W. N. Patterson. 2,312,187; Feb. 23.
 Windshield slider. Motor vehicle. C. O. Sherrill. 2,321,885; July 20.
 Windshield swipe. E. Coutts. 2,324,365; July 13.
 Windshield wiper. C. L. Osborn. 2,323,312; June 29.
 Windshield wiper. A. C. Seintz. 2,310,751; Feb. 9.
 Windshield wiper. F. E. Twiss. 2,336,377; Dec. 7.
 Windshield wiper arm. T. J. Smulski. 2,326,402; Aug. 10.
 Windshield wiper connector. T. J. Smulski. 2,328,930; Sept. 7.
 Windshield wiper arm control. G. R. Ericson. 2,307,366; Jan. 5.
 Windshield wiper drive. H. C. Nette and M. L. Taylor. 2,311,121; Feb. 16.
 Windshield wiper mechanism. E. W. Fuller. 2,336,007; Dec. 7.
 Windshield wiper mechanism. E. W. Fuller and O. Morgensen, Jr. 2,326,349; Aug. 10.
 Windshield wiper mechanism. W. C. Hanson. 2,320,895; Sept. 21.
 Windshield wiper motor. F. T. Flint. 2,332,442; Oct. 19.
 Windshield wiper motor. S. Schnell. 2,310,750; Feb. 9.
 Windshield wiper parking device. A. C. Korte and K. Lannert. 2,335,424; Nov. 20.
 Windwheel and blade therefor. B. Brassell. 2,324,759; July 20.
 Wing, aileron, and airplane rudder. Airplane. Z. Littman. 2,333,482; Nov. 2.
 Wing construction. R. J. Woods. 2,318,909; May 11.
 Wing construction. Airplane. T. R. Jacobs. 2,323,542; July 6.
 Wing gun mount. R. M. La Porte. 2,331,033; Oct. 5.
 Wing lift and aileron illustrator. E. O. Carmody. 2,331,304; Oct. 12.
 Wing nut and making the same. F. R. Kissling. 2,335,769; Nov. 30.
 Wines of airplanes. Heating. G. Van Daam. 2,309,682; Feb. 2.
 Wiper arm. E. C. Horton. Re. 2,244; Jan. 5.
 Wiper arm. D. N. Mussen and E. V. Schaal. 2,332,660; Oct. 26.
 Wiper arm connection. A. Rapp. 2,315,350; Mar. 30.
 Wiper arm for windshield cleaners. E. V. Schaal. 2,320,660; June 1.
 Wiper blade forming machine and process. E. C. Horton. 2,310,157; Feb. 2.
 Wiper. Electric windshield. J. B. Whitted. 2,332,123; Oct. 19.
 Wiper for bowling balls, finger grip. W. E. Heber. 2,315,054; Mar. 30.
 Wiper for wind screens or other windows. R. H. Punden. 2,334,508; Nov. 16.
 Wiper. Gauge pole. R. H. Bright. 2,320,909; June 1.
 Wiper mechanism, Windshield. R. B. Bell. 2,317,245; Apr. 20.
 Wiper. Paintbrush. W. E. Kinney. 2,321,492; June 8.
 Wiper parking device, Windshield. A. C. Korte and K. Lannert. 2,319,408; May 18.
 Wiper. Windshield. J. B. Whitted. 2,324,894; July 20.
 Wire. F. B. Rineck and J. W. Scott. 2,313,584; Mar. 9.
 Wire attaching device. O. F. Tallman. 2,315,826; Apr. 6.
 Wire. Barbed. H. A. Abbott. 2,308,905; Jan. 19.
 Wire belt. Flexible. O. C. Scherfel. 2,312,490; Mar. 2.
 Wire belt joint. E. Maier. 2,327,729; Aug. 24.
 Wire. Coated. O. E. Adler. 2,323,890; July 13.
 Wire. Coated metal. W. J. Scheiber. 2,317,811; Apr. 27.
 Wire. Coating. O. F. Freeland and J. J. Yopst. 2,335,930; Dec. 7.
 Wire. Coating. M. G. Whitfield. 2,325,156; July 27.
 Wire coating apparatus. A. N. Gray. 2,307,925; Jan. 12.
 Wire coiling machine. Duplex. C. E. Spaulding. 2,337,420; Dec. 21.
 Wire connecting sleeve. C. H. Klein. 2,327,650; Aug. 24.
 Wire cutter. J. W. Geddes. 2,308,684; Jan. 19.
 Wire cutter. H. W. Romanoff. 2,330,009; Sept. 21.
 Wire cutting tool. H. W. Romanoff. 2,311,695; Feb. 23.
 Wire cutting tool. H. W. Romanoff. 2,319,558; May 18.
 Wire drawing and spooling system. C. E. Orr. 2,331,798; Oct. 12.
 Wire drawing apparatus. N. H. Nye. 2,321,612; June 15.
 Wire drawing apparatus. R. W. Pursel. 2,325,312; July 27.
 Wire drawing block. F. Zettergren. 2,327,149; Aug. 17.
 Wire drawing machine. R. C. Pierce and L. G. Berquist. 2,311,775; Feb. 23.
 Wire drawing machine and method. F. W. Gaines, 3rd. 2,337,881; Dec. 28.
 Wire drawing machine. Continuous. C. Voightlander. 2,331,061; Oct. 5.
 Wire. Electrode. E. G. Widell. 2,323,173; June 29.
 Wire fabric. W. E. Reed. 2,313,581; Mar. 9.
 Wire feeder for nail machines. C. R. Chism. 2,315,108; Mar. 30.
 Wire feeding apparatus. C. A. Nichols and E. R. Fausset. 2,312,845; Mar. 2.
 Wire for warping machines and the like, Drop. J. J. Kaufmann. 2,323,282; June 29.
 Wire holding device. O. P. Warner and F. Stuart. 2,327,683; Aug. 24.
 Wire lacing apparatus. O. P. Arthur. 2,325,461; July 27.
 Wire line grip. J. P. Ratigan. 2,314,630; Mar. 23.
 Wire line pipe cutter. E. and A. Ventresca. 2,309,225; Jan. 26.
 Wire-making process. L. Ilmer and V. R. Pallas. 2,329,376; Sept. 14.
 Wire. Manufacturing insulated. J. R. Stricklen. 2,322,483; June 22.
 Wire or rod connector. L. Frank. 2,314,579; Mar. 23.
 Wire. Processing. T. G. Bergin. 2,309,745; Feb. 2.
 Wire. Producing. W. E. Leonard. 2,318,614; May 11.
 Wire producing mechanism. J. Cook. 2,315,189; Mar. 30.
 Wire reinforcement. W. Bridges. 2,335,038; Nov. 23.
 Wirepins in canisters. Provision of. P. Bogner. 2,329,328; Sept. 14.
 Wire rope center testing. J. J. Burke and E. E. Caspell. 2,336,980; Dec. 14.
 Wire spring back construction for upholstered furniture. W. H. Neely. 2,308,772; Jan. 19.
 Wire spring for cushioned seats. W. H. Neely. 2,308,201; Jan. 12.
 Wire stitching machine. A. H. Maynard. 2,320,703; June 1.
 Wire straightener. C. D. Johnson. 2,318,160; May 4.
 Wire stripping tool. S. G. Wood. 2,313,793; Mar. 16.
 Wire support. E. L. Klingel. 2,307,277; Jan. 5.
 Wire tagging machine. A. J. Verdecchia. 2,322,605; June 22.
 Wire terminal. F. C. Lavarack and E. M. Deems. 2,326,100; Aug. 3.
 Wire terminal. Spark plug. E. K. von Mertens. 2,321,782; June 15.
 Wire. Thermocouple. J. S. Strohmer. 2,335,707; Nov. 30.
 Wire uncoiling apparatus. C. R. Rohweder. 2,319,828; May 25.
 Wire with plastic compositions. Coating. H. E. Smith. 2,332,538; Oct. 26.
 Wireworking machine. A. M. Bank and A. Nicholas. 2,331,294; Oct. 12.
 Wireless receiving set. J. A. van Lammeren and J. W. Alexander. 2,320,808; June 1.
 Wireless transmitter. Limited range. H. L. Knoebel. 2,316,076; Apr. 6.
 Wiring clip. W. I. Jones. 2,332,855; Oct. 26.
 Wiring device. M. G. Helser. J. M. von Bergen, and W. A. Bogg. 2,317,189; Apr. 20.
 Wiring duct. J. E. Huguelet. 2,316,166; Apr. 13.
 Wiring fixture. H. W. Garbe and H. Saravalli. 2,310,774; Feb. 9.
 Wobble plate structure. F. J. Holmes. 2,335,415; Nov. 30.
 Wood bending machine. C. W. and C. H. Elliott. 2,336,535; Dec. 14.
 Wood. Bleaching. N. A. MacBean. 2,312,218; Feb. 23.
 Wood cutting machine. E. J. Zindrick. 2,310,604; Feb. 9.
 Wool fabric. Woven metallic. M. A. Stybr. 2,316,818; Apr. 20.
 Wood heels to shoes. Attaching. W. C. Goodchild, Jr. 2,332,709-10; Oct. 26.
 Wood impregnant from high temperature coal tar fractions. Production of. J. E. Harvey, Jr. Re. 2,269; Feb. 16.
 Wood planing machine. G. C. Sapp. 2,309,417; Jan. 26.
 Wood preservation. R. M. Hitchens. 2,322,633; June 22.
 Wood. Preservation of. A. L. Flenner, F. H. Kaufert, and P. L. Salzberg. 2,331,268; Oct. 5.
 Wood. Preservative treatment of. E. A. Lefkof. 2,329,774; Sept. 21.
 Wood-preserving apparatus. G. B. Shipley. 2,334,586; Nov. 16.

- Wood product, Laminated. C. Dreyfus. 2,325,669; Aug. 3.
- Wood products, Preparing. F. W. Kressman. 2,315,372; Mar. 30.
- Wood pulp, Bleaching. A. M. Kennedy. 2,307,137; Jan. 5.
- Wood pulp, Preparing. F. Olsen. 2,314,658; Mar. 23.
- Wood pulp, Preparing. F. Olsen, S. Feldman, and L. M. Sheldon. 2,324,230; July 13.
- Wood, Sawing. J. E. Hassler. 2,326,854; Aug. 17.
- Wood treatment. C. A. Owens. 2,321,849; June 15.
- Woodworking machine. M. M. Teague. 2,314,179; Mar. 16.
- Woodworking machine, Adjustable. R. H. Neisewander. 2,312,118; Feb. 23.
- Wood working machine, Combination. P. D'Zimba. 2,330,035; Sept. 21.
- Wooden poles and posts, Preserving. E. F. Conger. 2,308,491; Jan. 19.
- Wool, Brominating. R. L. Ericsson. 2,326,021; Aug. 3.
- Wool forming apparatus, Mineral. N. Dobak and E. R. Powell. 2,324,140; July 13.
- Wool to diminish shrinkage, Treatment of. H. Phillips and W. R. Middlebrook. 2,322,313; Jun. 22.
- Wool treatment. C. P. Dyer. 2,332,702; Oct. 26.
- Woolen textile materials, Treatment of. E. P. Johnstone, Jr., and W. J. van Loo, Jr. 2,329,622; Sept. 14.
- Work board and sink construction, Bread and. V. R. O'Brien. 2,314,157; Mar. 16.
- Work cabinet. A. C. Pfau and J. G. Liskow. 2,324,019; July 13.
- Work clamping device. E. W. Fredrickson. 2,325,387; July 27.
- Work clamping machine, Air controlled. J. M. Lancaster. 2,323,141; June 29.
- Work clamping means. E. Casavant, H. E. Osborne, and H. L. Mock. 2,329,695; Sept. 21.
- Work for machining, Preparing. C. E. Strauss. 2,309,209; Jan. 26.
- Work guide. H. E. Brennan. 2,330,551; Sept. 28.
- Work guide for saw tables. G. J. Sellmeyer. 2,310,813; Feb. 9.
- Work guide for saw tables. G. J. Sellmeyer. 2,315,458; Mar. 30.
- Work holder. C. W. Clark. 2,333,640; Nov. 9.
- Work holder. J. Jesionowski. 2,320,606; July 1.
- Work holder. H. C. Snyder. 2,324,803; July 20.
- Workholder for grinding machines. G. C. Hunt. 2,309,080; Jan. 19.
- Work holding device, Two-position. A. H. Esty. 2,327,030; Aug. 17.
- Work indexing apparatus. J. L. Perkins. 2,326,103; Aug. 3.
- Work indexing apparatus for walking beam furnaces. A. Mount. 2,335,601; Nov. 30.
- Work-loading mechanism. C. K. Woodman. 2,316,911; Apr. 20.
- Workpieces in a controlled atmosphere, Bathing. A. W. Machlet. 2,311,314; Feb. 16.
- Workpieces, Rounding. R. W. Cummings. 2,324,562; July 20.
- Work positioner. G. C. Mueller. 2,318,791; May 11.
- Work scheduling apparatus. R. C. Hanford. 2,314,276; Mar. 16.
- Work scheduling means. R. C. Hanford. 2,314,275; Mar. 16.
- Work-setting indicator. J. A. Varney. 2,337,697; Dec. 28.
- Work speeding apparatus. C. E. McCoy. 2,314,154; Mar. 16.
- Workstand, Engine. E. C. Hokanson and G. E. Bock. 2,329,613; Sept. 14.
- Work support. C. E. Peterson and G. L. Olson. 2,329,135; Sept. 7.
- Work supporting fixture and method. R. G. Cudini. 2,320,814; June 1.
- Worktable. W. J. Mays. 2,333,874; Nov. 9.
- Work transfer means for exolet machines and the like. A. L. Williams. 2,329,150; Sept. 7.
- Work turning device for machine tools. K. Zwick. 2,335,468; Nov. 30.
- Worm. W. J. Stuber and J. J. Di Inno. 2,310,880; Feb. 9.
- Worm gear mounting. H. Pelprey. 2,335,606; Nov. 30.
- Wort, Heating and treating. J. F. Silbavy. 2,322,749; June 29.
- Wound clip protector. A. Bowen. 2,307,384; Jan. 5.
- Woven material, Measuring lengths and correcting skew and bow in. A. P. Mansfield, C. W. La Pierre, W. H. Janssen, and M. S. Mead, Jr. 2,311,406; Feb. 16.
- Wrapper and cover for magazines and the like, Combined mailing. H. C. Pomeranz. 2,330,619; Sept. 28.
- Wrapper and protective covering for articles of manufacture and commerce. R. D. Look. 2,308,526; Jan. 19.
- Wrapper, Bread. T. C. Sherrin. 2,328,688; Sept. 7.
- Wrapper for rolled tubular sanitary rubber goods, Open mouth. C. J. Schmid. 2,321,254; June 8.
- Wrapper pasteur roll. S. Clausen. 2,324,486; July 20.
- Wrapper sealing machine. F. Clark and A. D'Antonio. 2,314,441; Mar. 23.
- Wrapper supply mechanism. O. Sandberg. 2,336,751; Dec. 14.
- Wrappers, Making tear strip. W. B. Bronander. 2,334,381; Nov. 16.
- Wrapping and winding machine. T. J. Boles. 2,318,739; May 11.
- Wrapping machine. J. A. Heckman. 2,320,865; June 1.
- Wrapping machine. J. Hexter and W. E. Lanham. 2,332,313; Oct. 19.
- Wrapping machine. C. J. Malhot. 2,336,795; Dec. 14.
- Wrapping machine. H. B. Tuthill and H. F. Caldwell. 2,310,719; Feb. 9.
- Wrapping machine, Gum stick. W. B. Ranney and A. F. Ruhf. 2,334,029; Nov. 9.
- Wrecking apparatus. J. N. Miller. 2,337,917; Dec. 28.
- Wrecking bar with ladder hook. N. C. Sorenson. 2,316,729; Apr. 13.
- Wrench: See Quick action pipe wrench.
- Adjustable wrench. Rat-hole swivel wrench.
- Impact wrench. Safety wrench.
- Jar or cap wrench. Spanner wrench.
- Mechanical wrench. Torque measuring wrench.
- Pipe wrench. Torque wrench.
- Plier-type wrench.
- Wrench. S. N. Arnold. 2,337,538; Dec. 28.
- Wrench. R. L. Arthur. 2,324,187; July 13.
- Wrench. F. M. Bohler. 2,337,368; Dec. 21.
- Wrench. A. Boynton. 2,329,181; Sept. 14.
- Wrench. A. Boynton. 2,330,201; Sept. 28.
- Wrench. L. C. Jackson. 2,317,461; Apr. 27.
- Wrench. L. W. Johnson. 2,332,971; Oct. 26.
- Wrench. O. Johnson. 2,320,083; May 25.
- Wrench. H. H. Merriman. 2,320,044; May 25.
- Wrench. F. P. Richardson. 2,316,455; Apr. 13.
- Wrench. F. B. Sapp. 2,313,270; Mar. 9.
- Wrench. F. C. Shock. 2,313,174; Mar. 9.
- Wrench. R. Steinacher. 2,322,550; June 22.
- Wrench-acting tool. J. A. Ronning. 2,313,398; Mar. 9.
- Wrench-acting tool. J. A. Ronning and T. B. Newell. 2,308,428; Jan. 12.
- Wrench and pliers, Combined. J. H. Moss. 2,324,415; July 13.
- Wrench construction. L. W. Johnson. 2,332,972; Oct. 26.
- Wrench reducing insert. L. Le Roue. 2,322,856; June 29.
- Wrench, Safety. P. Rosenbloom. 2,332,602; Oct. 26.
- Wringer. R. S. Blough. 2,332,129; Oct. 19.
- Wringer. F. Breckenridge. 2,331,168; Oct. 5.
- Wringer. De W. Clausen. 2,327,998; Aug. 31.
- Wringer. G. W. Dunham. 2,336,233; Dec. 7.
- Wringer. N. L. Etten. 2,307,367; Jan. 5.
- Wringer. M. J. Gouloze. 2,329,115; Sept. 7.
- Wringer. W. L. Kauffman, II. 2,323,330; July 6.
- Wringer. W. L. Kauffman, II. 2,323,778; July 6.
- Wringer. W. L. Kauffman, II. 2,332,232; Oct. 19.
- Wringer. S. E. Schroeder. 2,307,337; Jan. 5.
- Wringer. C. W. Williams. 2,329,734; Sept. 21.
- Wringer, Adjustable pressure. H. W. Altorfer. 2,317,575; Apr. 27.
- Wringer and the like. W. L. Kauffman, II. 2,314,708-9; Mar. 23.
- Wringer and the like. W. L. Kauffman, II. 2,323,331-2; July 6.
- Wringer and the like. W. L. Kauffman, II. 2,332,230-1; Oct. 19.
- Wringer, Clothes. S. E. Schroeder. 2,326,259; Aug. 10.
- Wringer, Constant pressure. N. L. Etten. 2,330,481; Sept. 28.
- Wringer, Constant pressure. L. F. Hammand. 2,314,980; Mar. 30.
- Wringer, Constant pressure. A. J. Patch. 2,316,281; Apr. 13.
- Wringer, Diminishing pressure. N. L. Etten. 2,313,134; Mar. 9.
- Wringer, Disappearing. D. A. Lundy. 2,334,780; Nov. 23.
- Wringer, Mop. R. M. Elkington. 2,337,219; Dec. 21.
- Wringer, Mop. F. M. Fritsch and L. B. Fritsch. 2,328,797; Sept. 7.
- Wringer release and reset mechanism. N. L. Etten. 2,308,445; Jan. 12.
- Wringer release mechanism. O. T. Anderson. 2,329,577; Sept. 14.
- Wringer release mechanism. N. L. Etten. 2,308,443; Jan. 12.
- Wringer roll stop. N. L. Etten. 2,307,368; Jan. 5.
- Wringer roll stop. N. L. Etten. 2,330,480; Sept. 28.
- Wringer structure, Clothes. N. L. Etten. 2,320,226; May 25.
- Wringer, Washing machine. F. Breckenridge. 2,319,294; May 18.
- Wringer, Washing machine. F. A. Conterman. 2,308,056; Jan. 12.
- Wringer with upswipe reset handle. N. L. Etten. 2,314,973; Mar. 30.
- Writing board, Illuminated portable. C. W. Raabe. 2,307,468; Jan. 5.
- Writing device. E. M. Johnson. 2,334,412; Nov. 16.
- Writing device. M. A. Well. 2,317,159; Apr. 20.
- X-ray apparatus. J. T. Heger. 2,313,145; Mar. 9.
- X-ray apparatus. F. T. Powers. 2,331,225; Oct. 5.
- X-ray apparatus. A. Simmon. 2,311,551; Feb. 16.
- X-ray apparatus and construction. Z. J. Atlee and H. Brackney. 2,310,567; Feb. 9.
- X-ray cassette. F. T. Powers. 2,321,156; June 8.

- X-ray contrast composition. W. Bell and J. R. Gilbert. 2,307,189; Jan. 5.
- X-ray contrast composition. H. H. Left and J. A. Maclean. 2,336,022; Dec. 7.
- X-ray film, Identifying. G. W. Files. 2,332,375; Oct. 19.
- X-ray fluoroscopic and radiographic apparatus. F. R. Campbell. 2,323,704; July 6.
- X-ray generator. Z. J. Atlee. 2,335,253; Nov. 30.
- X-ray generator. Z. J. Atlee and H. W. Brackney. 2,326,318; Sept. 14.
- X-ray generator. M. J. Zunic. 2,332,422; Oct. 19.
- X-ray grid and the like. R. Millemar. 2,336,026; Dec. 7.
- X-ray machine. E. J. Bliss. 2,315,149; Mar. 30.
- X-ray machine, moving device. M. A. Mikes. 2,318,701; May 11.
- X-ray tube. Z. J. Atlee. 2,311,724-5; Feb. 23.
- X-ray tube. Z. J. Atlee. 2,327,586; Aug. 24.
- X-ray tube. Z. J. Atlee. 2,329,320; Sept. 14.
- X-ray tube. Z. J. Atlee. 2,332,423; Oct. 19.
- X-ray tube. Z. J. Atlee. 2,336,769; Dec. 14.
- X-ray tubes. Z. J. Atlee and H. Brackney. 2,332,427; Oct. 19.
- X-ray tube. H. W. Brackney and J. B. Gosling. 2,336,774; Dec. 14.
- X-ray tube. A. Bouwers. 2,320,559; June 1.
- X-ray tube and apparatus. E. Schiebold. 2,319,350; May 19.
- X-ray tube timer. J. M. Constable and R. W. Stamm. 2,316,566; Apr. 13.
- X-ray tubes, Protecting rotating anode. B. Cassen. 2,315,593; Apr. 6.
- Xanthone manufacture. P. W. Bachman and B. W. Hammaron. 2,307,982; Jan. 12.
- Xerogel, Porous. K. E. Ripper. 2,327,963; Aug. 24.
- Xylene from oils containing the same, Recovery of. R. B. Greenburg. 2,313,537; Mar. 9.
- Xylophone. H. Zimmerman. 2,317,164-5; Apr. 20.
- Xylophone. H. Zimmerman. 2,330,166; Sept. 21.
- Yarn and cords and producing the same, Filed. R. N. Wallach. 2,313,104; Mar. 9.
- Yarn and producing same, Artificial. W. Liebig. 2,326,043; Aug. 3.
- Yarn apparatus. J. H. Truesdail. 2,333,278; Nov. 2.
- Yarn, Asbestos. K. E. Ripper. 2,318,560; May 4.
- Yarn, Conditioning cellulose acetate. J. B. Dickey and J. B. Norington. 2,333,770; Nov. 9.
- Yarn conditioning process and composition therefor. J. B. Dickey. 2,331,664; Oct. 12.
- Yarn cones, Reconditioning. A. G. Dewees. 2,322,350; June 22.
- Yarn control device. E. M. Schantz. 2,322,956; June 29.
- Yarn, Elastic novelty. S. W. Alderfer. 2,324,989; July 20.
- Yarn finishing. V. R. Hardy. 2,325,129; July 27.
- Yarn for pneumatic tires, etc. J. Anderson and M. Langstreth. 2,309,564; Jan. 26.
- Yarn guide. T. E. Carlson. 2,322,825; June 29.
- Yarn guide for twisting frames. J. Foster. 2,323,987; July 13.
- Yarn handling. J. H. Truesdail. 2,333,279; Nov. 2.
- Yarn holder. W. P. Hess. 2,314,619; Mar. 23.
- Yarn, Means for processing. H. V. Lang. 2,334,420; Nov. 10.
- Yarn, Nonshrinking. H. G. Ingersoll. 2,325,060; July 27.
- Yarn package. E. K. Gladding. 2,325,127; July 27.
- Yarn preparation. A. S. Hunter. 2,316,245; Apr. 13.
- Yarn, Process and apparatus for forming and treating. L. C. Greene. 2,310,951; Feb. 16.
- Yarn processing apparatus. A. L. Ewing. 2,317,747; Apr. 27.
- Yarn, Producing novelty. E. Bry. 2,309,095; Jan. 26.
- Yarn production. R. Soukup. 2,324,437; July 13.
- Yarn twisting. J. E. Halin. 2,323,991; July 13.
- Yarn twisting machine. R. P. Stuewer. 2,315,562; Apr. 6.
- Yarn winding. G. M. Karns. 2,324,584; July 20.
- Yarn winding device. R. R. Almy. 2,317,874; Apr. 27.
- Yarn winding mechanism. B. A. Peterson. 2,326,307; Aug. 10.
- Yarns and filaments, Treatment of textile. W. Whitehead. 2,318,120; May 4.
- Yarns or films, Manufacture of artificial textile. J. B. Speakman and N. H. Chamberlain. 2,317,492; Apr. 27.
- Yarns, Producing cellulose derivative crepe. J. G. McNally and D. R. Morey. 2,319,077; May 11.
- Yeast culture. A. S. Schultz, L. Atkin, and C. N. Frey. 2,333,955; Nov. 9.
- Yeast food. L. A. Hall. 2,321,673; June 15.
- Yeast having high B₁ potency, Production of. M. W. Mead, Jr., and J. Lee. 2,328,025; Aug. 31.
- Yeast, Producing. R. E. Eakin and R. J. Williams. 2,322,287; June 22.
- Yeast propagation. A. S. Schultz, L. Atkin, and C. N. Frey. 2,322,320; June 22.
- Yeast propagation. A. S. Schultz, L. Atkin, and C. N. Frey. 2,333,956; Nov. 9.
- Yeast-treating process. W. P. Torrington. 2,319,831; May 25.
- Yieldable coupling. Le R. Langford. 2,325,780; Aug. 3.
- Yieldable means. J. E. Wainwright. 2,307,175; Jan. 6.
- Yoke, Riveting. H. R. Fischer. 2,316,946; Apr. 20.
- Zen and making same, Product containing. R. K. Sitzler. 2,331,434; Oct. 12.
- Zen compound. O. C. H. Sturken. 2,311,485; Feb. 16.
- Zen, Production of. L. C. Swallen and M. L. Hamilton. 2,332,356; Oct. 19.
- Zinc and chlorine, Preparing. E. Kuss, H. Hohn, and F. Stietzel. 2,337,475; Dec. 21.
- Zinc dust, Recovery of. J. A. Small. 2,332,403; Oct. 19.
- Zirconium oxide, Preparation of. D. S. Hake and H. D. Prior. 2,315,519; Apr. 6.
- Zirconium oxide, Preparation of. D. S. Hake and H. D. Prior. 2,315,520; Apr. 6.
- Zirconium oxide refractories, Making. E. Walner. 2,335,325; Nov. 30.
- Zylonite part for ophthalmic mountings. S. Dunkelsberg. 2,331,666; Oct. 12.

LIST OF DESIGN INVENTIONS

- Acuator for movable parts of an airplane or the like. W. P. Lear. 136,795; Dec. 7.
 Adapter for a ski pack sled. W. E. Breunler. 135,360; Mar. 30.
 Aeroplane. R. H. Brown. 135,534; Apr. 20.
 Agitator for milk. O. E. Carman. 136,324; Sept. 7.
 Aircraft landing instrument indicator. F. A. Jenks. T. M. Ferrill, Jr., and D. F. Folland. 135,322; Mar. 23.
 Airplane. D. R. Berlin. 135,749; June 1.
 Airplane. R. C. Blaylock. 136,577; Oct. 26.
 Airplane. V. J. Burnell. 136,249; Aug. 24.
 Airplane. D. B. Dulley and R. Farrington. 136,277; Aug. 31.
 Airplane. R. J. Duhamel. 135,696; May 18.
 Airplane. C. L. Eshelman. 136,700; Nov. 23.
 Airplane. E. R. Floren. 135,994-5; July 13.
 Airplane. A. P. Fontaine. 136,635; Nov. 9.
 Airplane. F. S. Hornak. 135,702; May 18.
 Airplane. H. L. Hibbard and C. L. Johnson. 136,352; Sept. 14.
 Airplane. V. L. Hudson and H. W. Zipp. 136,360; Sept. 14.
 Airplane. A. Kartvold. 136,714; Nov. 23.
 Airplane. G. A. Page, Jr. 136,100; Aug. 3.
 Airplane. P. Sullivan. 135,667; May 11.
 Airplane. A. G. Tsongas. 136,677; Nov. 16.
 Airplane. C. N. White. 136,664; Nov. 16.
 Airplane. R. J. Woods. 136,580; Oct. 26.
 Airplane, Amphibian. A. J. Stolzenberger, Jr. 136,075; July 27.
 Airplane body and propellers, Combined. J. Robinson. 135,260; Mar. 16.
 Airplane, Bombardment. P. H. Kemmer, C. S. Butt, Jr., and C. E. Reichert. 135,852; June 22.
 Airplane control instruction device or similar article. J. H. Konofes. 134,942; Feb. 2.
 Airplane or similar article. G. J. Novikoff. 136,078; Jan. 3.
 Amusement apparatus. J. F. Meyer. 135,407; Apr. 6.
 Amusement apparatus. J. F. Meyer. 135,410-11; Apr. 6.
 Anchor. N. L. E. Hutson. 136,473; Oct. 12.
 Animal figure. A. L. Maynard. 134,739; Jan. 5.
 Apparatus for collating and posting business forms. R. C. Browne. 135,751; June 1.
 Applique or similar article. E. J. Miller. 134,919; Jan. 26.
 Appliqué or the like. V. F. Hubert. 135,986; July 13.
 Apron. O. L. Helmerman. 135,445; Apr. 6.
 Apron. A. L. Honk. 136,814; Dec. 7.
 Apron. M. King. 135,712; May 25.
 Apron. E. E. Koehler. 135,807; June 8.
 Apron. G. Martin. 135,949; July 6.
 Apron. H. Pons. 136,294; Aug. 31.
 Apron. H. Pons. 136,933; Dec. 28.
 Apron. A. Quinn. 135,383-4; Mar. 30.
 Apron. R. W. Schenck. 134,786; Jan. 12.
 Apron, Coverall. H. Pons. 136,385; Sept. 21.
 Apron, Jerkin. H. Pons. 136,386; Sept. 21.
 Apron, Jerkin. H. Pons. 136,916; Dec. 28.
 Apron, Lath. J. Srofe. 135,727; May 25.
 Apron, Make-up. H. Pons. 136,387; Sept. 21.
 Ash receiver and cigarette holder, Combined. M. Levine. 136,186; Aug. 17.
 Ash tray. A. Basescu. 134,729; Jan. 5.
 Ash tray. M. Britz. 135,376; Mar. 30.
 Ash tray. A. Selsky. 136,579; Oct. 26.
 Ash tray and match box holder, Combined. S. Oestreicher. 135,836; June 15.
 Ash tray and watch or similar article, Combined. M. Cummings. 136,791; Dec. 7.
 Ash tray or similar article. E. Grossman. 134,904; Jan. 26.
 Atomizer. H. E. Bartram. 134,988; Feb. 9.
 Atomizer. F. A. Vuilleminot. 135,365-6; Mar. 30.
 Attachment for tri-squares, Pencil holding. J. A. Phillips. 136,534; Oct. 19.
 Automobile. R. Cadwallader. 135,148; Mar. 2.
 Automobile. G. L. Chieng. 136,106-7; Aug. 3.
 Automobile. A. C. Frank. 134,921; Jan. 26.
 Automobile, Station wagon type. C. B. Stevens. 136,355; Sept. 14.
 Baby stroller. S. Saltzman. 136,718; Nov. 23.
 Backstand for belt polishing machines. E. C. Krueger. 135,344; Mar. 30.
 Badge. T. J. Dworzynski. 135,518; Apr. 20.
 Badge. F. de Ganahl. 135,611; May 4.
 Badge, Identification. L. D. Schisby and B. Bronzan. 135,925; July 6.
 Badge or similar article. M. Behrman. 135,367; Mar. 30.
 Badge or similar article. A. H. Cadman. 136,749; Nov.
 Badge or similar article. D. Freese. 134,824; Jan. 19.
 Badge or similar article. V. S. Harris. 136,727; Nov. 30.
 Badge or similar article. G. H. Moore. 135,529; Apr. 20.
 Badge or similar article. R. L. Ragan. 135,865; June 22.
 Badge or similar article. J. D. Siderelis. 135,920; July 6.
 Badge or similar article. R. M. Sutphen. 136,676; Nov. 16.
 Badge or similar article. G. A. Thoresen. 136,210; Aug. 24.
 Badge or similar article. R. Van Den Borre. 134,833; Jan. 19.
 Badge or similar article. M. I. Willis. 136,598; Nov. 2.
 Badge or similar article. R. Zlatohavek. 134,987; Feb. 9.
 Badge or similar article of jewelry. J. Feldner. 135,691; May 18.
 Badge or similar article of jewelry. J. J. Hoover. 136,930; Dec. 28.
 Badge or the like. H. P. Cameron. 134,858; Jan. 26.
 Badge or the like. W. L. Greene. 136,265; Aug. 31.
 Badge or the like. R. R. Primozich. 135,789; June 8.
 Badge or the like. J. F. Roush. 136,346; Sept. 14.
 Badge or the like. S. H. Wanatik. 136,470; Oct. 12.
 Badge or the like. J. D. Youtner. 135,387; Mar. 30.
 Badge, Parachutist's. W. P. Yarborough. 134,963; Feb. 2.
 Badge, Patriotic. R. M. Mason. 135,754-5; June 1.
 Bag. A. M. Hickman. 135,734; May 25.
 Bag and garment, Combination. D. M. Jackson. 135,794; June 8.
 Bag, Carrying. W. L. M. Clark. 135,218; Mar. 9.
 Bag, Clothespin. S. E. Kaplan. 135,538-9; Apr. 20.
 Bag or similar article. M. S. Karoff. 135,446; Apr. 6.
 Bag or the like, Knitting. G. Murphy. 135,258; Mar. 16.
 Bag, Shopping. H. Lebaigue. 136,560; Oct. 26.
 Bag, Watertight. H. G. Morner. 135,726; May 25.
 Balance cock for chronometers. E. W. Drescher. 136,829; Dec. 14.
 Band or the like, Hosery. V. Leboux. 136,216; Aug. 24.
 Bandanna. A. C. Radebaugh. 136,164; Aug. 17.
 Bank, Coin. B. A. Hill. 136,929; Dec. 28.
 Bank, Coin. R. V. Moran. 135,671-2; May 11.
 Bank, Savings. J. J. Mitley. 135,063; Feb. 16.
 Banner or similar article of manufacture. M. H. Stone. 135,118; Feb. 23.
 Banner or the like. H. S. Mikesell. 135,663; May 11.
 Bar, Carpenter's. W. C. Scown. 136,557; Oct. 26.
 Bar for a grinding mill, Retainer lifter. R. J. Williams. 136,478; Oct. 12.
 Barometer. S. L. Gerson. 134,990-1; Feb. 9.
 Barracks case or similar article. S. G. Robson. 136,596; Nov. 2.
 Basket, Sewing. V. G. Beauchamp. 136,154; Aug. 10.
 Bassinet. L. Cutrone. 136,335; Sept. 14.
 Bassinet and toilet stand or similar article, Baby's. B. A. Doty. 136,011; July 20.
 Bassinet and toilet stand or similar article, Baby's. B. A. Doty. 136,811; Dec. 7.
 Bathub. A. J. Hunting. 135,283; Mar. 23.
 Battery charger. A. C. Fletcher. 134,818; Jan. 19.
 Battery charger. C. G. Sherman and W. P. Ryan. 135,650; May 11.
 Bed, Dog. J. J. Meyer. 135,242; Mar. 16.
 Bedsprad. L. J. Freeman. 135,315; Mar. 23.
 Bed urinal. W. Bal and J. T. Simpson. 135,195; Mar. 9.
 Belt. S. S. Oya. 136,564; Oct. 26.
 Belt. V. G. Kelling. 134,894; Jan. 26.
 Belt, Maternity and abdominal supporting garter. O. E. Ezzek. 135,601; Apr. 27.
 Belt or similar article, Lady's. E. Mynors. 134,820; Jan. 19.
 Belt or similar article, Lady's. E. Mynors. 135,206; Mar. 9.
 Belt, Ribbon pocket. D. Vertes. 135,709; May 18.
 Belt, Suspender. H. H. Thorne. 136,651; Nov. 9.
 Belt, or the like for personal wear. C. E. Ricketts. 135,071-80; Feb. 16.
 Bench, Draftman's. H. L. De Lisle. 134,873; Jan. 26.
 Bench for lathes or the like. H. H. Logan. 135,669; May 11.
 Bicycle. S. A. Snell. 136,565; Oct. 26.
 Billboard. M. G. Peters. 134,992; Feb. 9.
 Billfold. J. C. Davio. 135,922; July 6.
 Billfold. H. Weinstein. 136,093; Aug. 3.
 Billfold and coin purse, Combined. N. H. Swanson. 136,895; Dec. 21.
 Billfold and sewing kit, Combined. J. Schwalbe. 136,648; Nov. 9.
 Binder ring or similar article, Loose-leaf. J. J. Seelman. 136,798; Dec. 7.
 Bird house or the like. L. W. Hoskins. 134,814; Jan. 19.
 Block, Building. W. A. Larson. 135,257; Mar. 16.

- Block for a filing drawer, Followed. D. B. Hull. 135,416; Apr. 6.
- Block for electrical connections, Terminal. H. B. Jones. 135,933; Feb. 16.
- Block for electrical connections, Terminal. E. R. Kulka. 136,762; Nov. 30.
- Block, Pulley. H. B. Cohen. 136,547; Oct. 26.
- Blouse. M. King. 135,715; May 25.
- Blouse. H. Pons. 136,416; Sept. 28.
- Blouse or similar article. M. E. Murray. 136,817; Dec. 7.
- Bluement machine. H. J. Brunk. 135,870; June 22.
- Board, Bread slicing. A. R. De Long. 135,413; Apr. 6.
- Board, Bread slicing. R. J. Richardson and J. Terpstra. 135,937; July 6.
- Board, Bread slicing. S. F. Townsley. 135,564; Apr. 27.
- Board, Bread slicing. C. E. Ulrich. 135,350; Mar. 30.
- Board, Bread slicing. W. H. Wagner. 136,161; Oct. 12.
- Board, Clip. J. H. Brinker. 134,966; Feb. 2.
- Board game. W. F. Decker, Jr. 135,239-40; Mar. 16.
- Board game. W. G. Fletcher. 135,681; May 11.
- Board game. A. W. Morgan. 134,862; Jan. 26.
- Board game. J. S. Tremper. 136,424; Oct. 5.
- Board, Pack. H. B. Johnson. 135,795; June 8.
- Board, Slicing. J. T. Generale. 135,457; Apr. 13.
- Body for an auto sled or similar article. E. Porter. 136,354; Sept. 14.
- Boiler and steamizer or the like, Combination. J. C. Cleaver and J. V. Resek. 135,379; Mar. 30.
- Boiler or the like, Double. K. Schneider. 134,965; Jan. 26.
- Bolt and screw bin. M. D. Pasley. 136,708; Nov. 23.
- Bolt, Spring shackle. E. O. Krauter. 135,661; May 11.
- Bonnet. I. M. Christensen. 136,605-6; Nov. 2.
- Bookmark and greeting card, Combined. J. V. Scott. 135,551; Apr. 20.
- Book mark or similar article. H. S. Aaronson. 136,213; Aug. 24.
- Book match packet. G. J. Weigel. 134,728; Jan. 5.
- Booklet, Question and answer. J. B. Riley. 136,883; Nov. 16.
- Bootee. W. A. Clark. 135,760; June 1.
- Booth or the like, Telephone. W. L. Manning. 136,134; Aug. 10.
- Booth, Telephone. G. R. Lum. 135,017; May 4.
- Booth unit, Dining. F. Mastrangelo. 136,271; Aug. 31.
- Border or similar article, Wall paper. W. Burton. 136,482-5; Oct. 12.
- Boring mill, Horizontal. F. S. Jones. 135,686; May 18.
- Bottle. R. M. Bredeen. 136,219; Aug. 24.
- Bottle. H. H. Dawson. 135,898; June 29.
- Bottle. R. L. Flett. 136,024; July 20.
- Bottle. E. A. Heeter. 136,224; Aug. 24.
- Bottle. R. Loewy. 135,803; June 8.
- Bottle. F. McIntosh. 135,293; Mar. 23.
- Bottle. F. McIntosh. 135,679; May 11.
- Bottle. S. D. Schneider. 135,894; June 29.
- Bottle. S. D. Schneider. 135,988; July 13.
- Bottle. H. M. Shillstone. 134,734; Jan. 5.
- Bottle and cap, Combined. P. M. E. Mayer. 136,351; Sept. 14.
- Bottle and display holder, Combined. A. A. Flaster. 135,028; Feb. 16.
- Bottle and stand therefor, Combined perfume. A. R. Botham. 136,155; Aug. 10.
- Bottle and stand therefor, Combined perfume. A. R. Botham. 136,184; Aug. 17.
- Bottle and stand therefor, Combined perfume. A. R. Botham. 136,569; Oct. 26.
- Bottle and stopper, Combined. J. D. Buckingham. 135,569; Apr. 27.
- Bottle, closure cap, and applicator, Combined. J. L. Younghusband. 135,236; Mar. 9.
- Bottle, Cologne. W. R. Hauptman. 136,658; Nov. 16.
- Bottle, Condiment. A. J. Flaudor. 136,656; Nov. 16.
- Bottle, Hand lotion. J. L. Younghusband. 136,480; Oct. 12.
- Bottle, Milk. E. H. Philstrom. 136,514-15; Oct. 19.
- Bottle, Nursing. H. H. Ganson. 136,888; Dec. 21.
- Bottle or similar article. A. Guérin. 136,777-80; Dec. 7.
- Bottle stopper. J. J. Moran. 135,105; Feb. 23.
- Boutonnierre and perfume container, Combined. P. de Portres. 136,001; July 13.
- Boutonnierre, Artificial. A. G. Spilka. 135,666; May 11.
- Bowl, Fish. A. F. Richards. 136,624; Nov. 9.
- Bowl for a coffee brewer, Upper. J. W. Alsdorf. 136,200; Aug. 24.
- Bowl for a coffee brewer, Upper. H. Cory. 136,548; Oct. 26.
- Bowling alley bed and approach or similar article, Combined. R. E. Kennedy. 135,447; Apr. 6.
- Box. J. I. Kingston. 136,383; Sept. 21.
- Box, Candy. E. B. Rice. 135,770; June 1.
- Box, Cigarette. H. L. Gillmor. 135,965; July 13.
- Box, Display. S. H. Geffner. 136,489; Oct. 12.
- Box or the like, Ring. A. Swainson. 136,524; Oct. 19.
- Box, Soap. M. J. Thomasson. 135,304; Mar. 23.
- Box, Tool. W. G. Johnson. 134,918; Jan. 26.
- Box, Wall. J. G. Loy. 135,527; Apr. 20.
- Bracket, Combined shade and curtain. I. Hieff. 136,161; Aug. 17.
- Bracket, Curtain rod. P. L. Teninty. 136,137; Aug. 10.
- Bracket for plate welding operations, Aligning and holding. R. W. McLaren. 135,425; Apr. 6.
- Bracket, Shelves. J. P. Nichols. 135,775; June 8.
- Bracket, Wall. M. Waymack. 135,511; Apr. 20.
- Brassière. P. Anyot. 135,699; May 18.
- Brassière. J. Cohn. 135,639; May 4.
- Brassière. E. Heller. 135,816; Mar. 23.
- Brassière or similar article. L. Malmstead. 135,923; July 6.
- Briar brace or the like. A. Vero. 136,058; July 27.
- Brin for a helmet. F. R. Wulsin. 136,471; Oct. 12.
- Brooch. N. Levy. 135,781-3; June 8.
- Brooch. H. J. Lynch. 136,893; Dec. 21.
- Brooch or similar article. M. Baer. 135,088-90; Feb. 23.
- Brooch or similar article. N. Barbieri. 135,513-16; Apr. 20.
- Brooch or similar article. E. S. Boudinot. 136,007; July 20.
- Brooch or similar article. B. J. Hansen. 135,203; Mar. 9.
- Brooch or similar article. B. Hansen. 135,370; Mar. 30.
- Brooch or similar article. F. S. Hartley. 135,145; Mar. 2.
- Brooch or similar article. L. L. Hess. 136,740; Nov. 30.
- Brooch or similar article. E. M. Kafka. 136,268-9; Aug. 31.
- Brooch or similar article. A. Katz. 134,982-4; Feb. 9.
- Brooch or similar article. A. Katz. 135,969; July 13.
- Brooch or similar article. A. Katz. 135,971-3; July 13.
- Brooch or similar article. A. Katz. 136,309-13; Sept. 7.
- Brooch or similar article. A. Katz. 136,505-7; Oct. 12.
- Brooch or similar article. A. Katz. 136,568; Dec. 21.
- Brooch or similar article. C. P. Lent. 135,391; Mar. 30.
- Brooch or similar article. P. Love. 134,879; Jan. 26.
- Brooch or similar article. M. D. MacKinnon. 136,384; Sept. 21.
- Brooch or similar article. W. A. Perrett. 134,864; Jan. 26.
- Brooch or similar article. A. Philippe. 135,169-77; Mar. 2.
- Brooch or similar article. A. Philippe. 135,188 91; Mar. 9.
- Brooch or similar article. A. Philippe. 136,079 80; Aug. 3.
- Brooch or similar article. A. Philippe. 136,126; Aug. 10.
- Brooch or similar article. R. M. Reed. 135,973; July 13.
- Brooch or similar article. J. Rubel. 136,612-6; Nov. 9.
- Brooch or similar article. E. Spitzberg. 136,110; Aug. 3.
- Brooch or similar article, Locket. J. M. de Aragon. 135,941; July 13.
- Brooch pin, Ceramic. E. Handler. 135,096; Feb. 23.
- Brooch, Separable. A. Katz. 134,981; Feb. 9.
- Brooch, Separable. A. Katz. 135,970; July 13.
- Brush. A. M. Herschensohn. 134,720; Jan. 5.
- Brush. A. Lubkin. 134,797; Jan. 12.
- Brush, Shower. I. H. Yoshikawa. 136,599; Nov. 2.
- Brush, Tooth. C. K. Vee. 136,612; July 20.
- Brushing and drying appliance. W. L. Pollard. 136,509; Oct. 12.
- Bubble making device. C. H. Hagopian. 136,581; Nov. 2.
- Bucket, Domestic. A. M. Woodward. 136,896; Dec. 21.
- Buckle. B. D. Huff. 134,936; Feb. 2.
- Buckle. B. D. Huff. 135,154; Mar. 2.
- Buckle. P. W. White. 136,412-15; Sept. 28.
- Buckle. P. W. White and W. R. Kent. 136,586-90; Nov. 2.
- Building. E. W. Jarman. 135,861; June 22.
- Building facade or similar article. J. Gosling, Jr. 135,576; Apr. 27.
- Building, Portable. M. W. Downs. 135,537; Apr. 20.
- Building, Portable. A. E. Waterman. 135,758; June 1.
- Building, Prefabricated. H. F. Pettigrew and W. Morten. 135,797; June 8.
- Bulb, Electric lamp. J. J. Devine. 135,299; Mar. 23.
- Bumper. O. C. Warner. 136,356; Sept. 14.
- Bumper, Automobile. R. Cadwallader. 135,535; Apr. 20.
- Bumper bar or the like. M. Mitchell. 134,943; Feb. 2.
- Bus. T. Crawford. 134,718; Jan. 5.
- Button. C. H. Frank. 135,168; Mar. 2.
- Button. C. H. Frank. 135,555; Apr. 27.
- Button. C. H. Frank. 135,875; June 29.
- Button, Cloth covered concave eyelet. W. Novick. 135,559; Apr. 27.
- Button or similar article. F. B. Allen. 436,175; Aug. 17.
- Button or the like, Lapel. S. Gholsin. 135,518; June 15.
- Button or the like, Lapel. C. Squire. 136,348; Sept. 14.
- Button or the like, Lapel emblem. W. S. Knudsen. 134,959; Feb. 2.
- Button or the like, Lapel emblem. H. Rabkin. 136,602; Nov. 2.
- Cabinet, Card index. H. S. Ray. 136,089; Aug. 3.
- Cabinet, Dispensing. R. B. Norris. 136,370; Sept. 21.
- Cabinet for a vending machine. J. F. Meyer. 135,412; Apr. 6.
- Cabinet for an amusement apparatus. J. F. Meyer. 135,405-6; Apr. 6.
- Cabinet for an amusement apparatus. J. F. Meyer. 135,408-9; Apr. 6.

- Cabinet for etching tool, Power unit. C. J. Patche. 135,215-16; Mar. 9.
- Cabinet, Freezer. W. H. Teeter. 136,305; Sept. 7.
- Cabinet, Illuminable make-up. M. J. Grady. 135,201; Mar. 9.
- Cabinet, Kitchen. J. R. Harris. 134,934; Feb. 2.
- Cabinet, Motor generator set. E. C. Worthley. 135,939; July 6.
- Cabinet or similar article, Spice. H. H. Hopkins. 135,839; June 15.
- Cabinet or the like, Kitchen. C. C. Reed. 136,906; Dec. 28.
- Cabinet, Photograph record. G. W. Amberg. 135,147; Mar. 2.
- Cabinet, Photographing. R. M. and L. Godfrey. 135,139; Mar. 2.
- Cabinet, Portable refrigerating. L. F. Clerc. 135,896; June 29.
- Cabinet, Refrigerated display. C. F. Hoffman. 135,025; Feb. 16.
- Cabinet, Refrigerator. P. Vassallo. 135,651; May 11.
- Cabinet, Wall. H. C. Doner. 135,813; June 15.
- Calculator. G. E. Hamlin. 136,472; Oct. 12.
- Calculator. W. J. Wesley. 134,826; Jan. 19.
- Calculator, Listing. L. P. Crossman. 135,442; Apr. 6.
- Calipers, Indicating. P. N. Nelson. 135,757; June 1.
- Camera and grip holder therefor, Combined. R. H. Munson. 135,037; Feb. 16.
- Can, Milk. L. F. Norris. 135,454; Apr. 6.
- Candle and music box, Combined. R. A. Ajello. 135,847; June 22.
- Cap. I. Borten. 135,435; Apr. 6.
- Cap. H. C. Cookman. 136,499; Oct. 12.
- Cap. M. Gross. 135,996; July 13.
- Cap. S. Lish. 136,283; Aug. 31.
- Cap. P. M. Maxwell and W. J. Russy. 135,437; Apr. 6.
- Cap. P. M. Maxwell and W. J. Russy. 135,439; Apr. 6.
- Cap, Bottle. G. N. Mas. 136,338-9; Nov. 9.
- Cap, Bottle. E. H. Trump. 134,852; Oct. 5.
- Cap, Container. H. L. Apfelbaum. 136,568; Oct. 26.
- Cap, Flue. S. J. Heiman. 135,628; May 4.
- Cap for a musical instrument mouthpiece. A. Brillhart. 135,886; June 29.
- Cap for container, Dispensing. W. E. Hartman, Sr. 136,098; Aug. 3.
- Cap for container, Fibrous. G. N. Mas. 136,350; Sept. 14.
- Cap for containers, Fibrous. G. N. Mas. 135,997; July 13.
- Cap for containers, Fibrous. G. N. Mas. 136,002; July 13.
- Cap, Military. L. O. Grice. 134,878; Jan. 26.
- Cap, Nurse's. S. Seigenfeld and E. Alexander. 135,464; Apr. 13.
- Cap or similar article, Bottle. A. Tatro. 136,437-41; Oct. 5.
- Cap, Pour-out bottle. H. K. Stempel. 135,161; Mar. 2.
- Cap, Reversible. M. A. Dannenberg. 136,649; Nov. 9.
- Cap, Safety. Z. Harpignies. 135,354; Mar. 30.
- Cap, Safety. Z. Harpignies. 136,359; Sept. 14.
- Cap, Woman's. G. G. Wein. 135,369; Mar. 30.
- Cap, Woman's. M. Liberatore. 135,323; Mar. 23.
- Cap, Woman's. M. Paul. 135,736; May 25.
- Cap, Woman's uniform. E. F. Scheppeler. 136,820; Dec. 7.
- Card deck, Aircraft recognition. R. G. Willard. 135,716; May 25.
- Card follower. T. A. Hearn. 135,459-60; Apr. 13.
- Card follower block for a filing drawer. H. B. Johnson. 134,874; Jan. 26.
- Card or similar article, Greeting. A. Barker. 136,006; July 20.
- Card tab, Index. H. J. Hoffman. 136,639; Nov. 9.
- Carriage, Lathe. W. M. McConnell. 135,742; June 1.
- Carrier, Container. L. M. Reams. 136,189; Aug. 17.
- Cart, Hand. V. C. Kenney. 135,697; May 18.
- Cart, Merchandise. J. V. Accardi and G. E. Watta. 136,218; Aug. 24.
- Cart, Shopper's. W. Hansen. 134,941; Feb. 2.
- Carton. E. J. Farrell. 134,733; Jan. 5.
- Carton. D. E. Ost. 135,294; Mar. 23.
- Carton, Antidripping. F. A. Krause. 136,607; Nov. 2.
- Case and cosmo. holder, Combined traveling. A. R. Botham. 135,358; Mar. 30.
- Case, Camera carrying. F. S. Grover. 135,762; June 1.
- Case, Display. C. F. Hoffman. 134,836; Jan. 19.
- Case, Flashlight. L. W. Gensburg. 135,153; Mar. 2.
- Case for cigarettes or the like. F. M. New. 136,319; Sept. 7.
- Case, Folding utility. H. I. Schwartz. 136,131; Aug. 10.
- Case for editors or other articles, Foldable. J. E. Schenker. 135,106; Feb. 23.
- Case for glasses. P. S. Sockett. 136,361; Sept. 14.
- Case for safety razors and shaving accessories. M. Hollis. 135,381; Mar. 30.
- Case for spectacles. M. Ripin. 134,769; Jan. 5.
- Case, Lipstick. J. L. Younghusband. 136,306; Sept. 7.
- Case or similar article, Carrying. B. Boyar. 135,359; Mar. 30.
- Case or similar article, Cigarette. M. L. Goldbert. 136,025; July 20.
- Case or similar article, Cigarette. M. L. Goldbert. 136,759; Nov. 30.
- Case, Pocket. J. Patterson. 136,609; Nov. 2.
- Case, Safety razor hone. L. R. Scott. 136,157; Aug. 10.
- Case, Traveling. A. R. Botham. 135,357; Mar. 30.
- Casement for portholes or the like. R. W. Rowland. 134,946; Feb. 2.
- Casement for portholes or the like. R. W. Rowland. 135,208; Mar. 9.
- Casing cover and handle for an electric switch, Combined. C. B. Stevens. 134,832; Jan. 19.
- Casing for a carpet sweeper or similar article. I. J. Owen. 136,293; Aug. 31.
- Casing for a dispensing container. R. W. Barnes. 136,511; Oct. 19.
- Casing for a lighter or similar article. A. S. Weston. 135,382; Mar. 30.
- Casing for densitometers or similar articles. R. H. Fullerton. 136,911; Dec. 28.
- Casing for hearing aids. S. Decker. 135,443; Apr. 6.
- Casing or the like, Heater. H. R. Trout. 134,948; Feb. 2.
- Casing, Thermostat. G. W. Crise. 136,252; Aug. 31.
- Casing, Valve. C. M. Sears. 135,988; July 13.
- Casseroles. T. Kapner and D. Kamenstein. 135,649; May 11.
- Catapult. A. W. and H. M. Hutson. 135,284; Mar. 23.
- Chair. W. H. Brown and S. W. Young. 134,806; Jan. 19.
- Chair, Folding. W. Nordmark. 134,863; Jan. 26.
- Chair, Lawn. H. A. Chapman. 136,652; Nov. 16.
- Chair or similar article. R. E. Wagner. 135,474; Apr. 13.
- Chair, Shampoo. F. H. Ellinger. 135,585; Apr. 27.
- Chair, Swivel. C. B. Fletcher and P. J. Nordby. 136,160; Aug. 17.
- Chair, Telephone operator's. W. W. Brown. 135,333-4; Mar. 30.
- Chaise longue. W. I. Smith. 135,417; Apr. 6.
- Charm or similar article. W. Lampl. 135,050-61; Feb. 16.
- Cheesmen. W. F. Druke. 134,812; Jan. 19.
- Cigarette holder and ash tray, Combined. G. E. Carson. 136,572; Oct. 26.
- Cigarette holder and ash tray, Combined. G. R. Penn. 136,574; Oct. 26.
- Circulator, Air. M. Weber. 135,211; Mar. 9.
- Clamp for blankets and the like. R. Bernhardt and J. O. Reinecke. 136,730; Nov. 30.
- Clamp, Jack. E. F. Smith. 135,068; Feb. 16.
- Clamp or the like, Pipe coupling. E. Pitou. 136,697; Nov. 23.
- Clasp. W. E. Michael. 135,629; May 4.
- Clasp or similar article, Combined. M. Glaser. 136,912; Dec. 28.
- Cleaner casing or the like, Suction. R. E. Kruck. 135,974; July 13.
- Cleaner, Comb. 1. Zuk. 135,809; June 8.
- Cleaner or similar article, Air. J. B. Sebok. 136,057; July 27.
- Clip, Bill. E. Foret. 134,886; Jan. 26.
- Clip, Bill. H. Graeter. 135,753; June 1.
- Clip, Earring. C. Michael. 135,873; June 29.
- Clip for a shoe ornament or similar article, Holding. B. D. Hunt. 134,779; Jan. 12.
- Clip or the like, Charger. S. Giordano. 135,292; Mar. 23.
- Clip, Paper. F. Ours. 135,814; June 15.
- Clip, Spring hair curl. H. M. Lunquist. 135,820; June 15.
- Clock or similar article. M. Cummings. 134,817; Jan. 19.
- Closure for barrels, cans, or the like. G. T. Rieke. 136,436; Oct. 5.
- Closure for gasoline container. L. O. Grice. 134,828; Jan. 19.
- Clothespin. W. R. J. Woock. 136,737; Nov. 30.
- Coaster. F. J. Curran. 135,773; June 8.
- Coaster and ash tray, Combined. H. V. Swenson. 136,710; Nov. 23.
- Coat. H. C. Cookman. 136,634; Nov. 9.
- Coat. S. Dumlér. 136,691; Nov. 23.
- Coat. N. Finkelstein. 135,910; July 6.
- Coat. N. Finkelstein. 136,533; Oct. 19.
- Coat. A. Gruber. 135,913; July 6.
- Coat. A. Gruber. 136,870; Dec. 21.
- Coat. A. Gruber. 136,899; Dec. 28.
- Coat. I. Kreinik. 136,687; Nov. 23.
- Coat. M. Parnis. 136,449; Oct. 5.
- Coat. A. Traina. 136,576; Oct. 26.
- Coat. H. Zuckerman. 136,925; Dec. 28.
- Coat, Hostess. R. Z. Karpel. 136,459; Oct. 5.
- Coat, House. W. M. Kittles. 135,036; Feb. 16.
- Coat, House. L. Surenson. 136,409; Sept. 28.
- Coat or similar article. M. Levitt. 136,551; Oct. 26.
- Coffee and tea maker, Combined. F. E. Wolcott. 136,404; Sept. 28.
- Coffee maker. H. Cunningham. 136,302; Sept. 7.
- Coffee maker, One cup drip. J. Block. 135,841; June 22.
- Coffee maker or article of similar nature, Glass. F. S. Barbiers. 134,823; Jan. 19.
- Coffee mill. B. L. Schuhmann. 136,647; Nov. 9.
- Coffee pot or the like. K. Schneider. 134,876; Jan. 26.
- Comb. D. Tawdiss and H. V. Hahn. 135,788; June 8.
- Comb. R. Tawdiss. 134,850; Jan. 19.
- Comb, brush, and mirror, Combination. D. W. Spurgeon. 135,926; July 6.

- Comb, Curler. F. J. Conkley. 136,009; July 20.
Comb, Dressing. O. B. Carson. 135,817; June 15.
Comb, Sheep clipper. R. L. Hudson. 136,086; Aug. 3.
Combine. C. E. Everett. 135,008; Feb. 9.
Compact or similar article. S. Dawer. 134,859; Jan. 26.
Compact or similar article. S. Dawer. 136,010; July 20.
Compact or similar article. A. A. Flaster. 133,335; Mar. 30.
Compact or similar article. H. Morris. 135,924; July 6.
Comparator, Optical. L. H. Van Dellen. 136,212; Aug. 24.
Compass. F. G. Eubanks. 135,138; Mar. 2.
Compass. G. Penza. 134,722; Jan. 5.
Compass. B. E. Sherrill. 136,388-9; Sept. 21.
Compass and match case, Combined. H. Brainard Brown. 134,829; Jan. 10.
Compass, Beam. H. C. Gile. 135,353; Mar. 30.
Compound tool. T. L. Leon. 136,670; Nov. 16.
Compressor for a hydraulic brake unit or the like. H. A. Benzel. 135,731; May 25.
Compressor member for a paper fastener. C. W. Morse. 135,919; July 6.
Condiment holder. R. Mitchell. 134,775; Jan. 12.
Conduit for tank water heaters. Heat-absorbing water. C. H. Morrow. 135,655; May 11.
Container. M. S. Karoff. 135,616; May 4.
Container and ash tray or similar article, Combined cigarette. A. H. Slander. 136,760; Nov. 30.
Container and base therefor, Combined. M. Sosman. 136,062; July 27.
Container, Bottle. G. F. Richter. 135,798; June 8.
Container, Chemical. G. C. Irwin. 136,129; Aug. 10.
Container, Cigarette. N. Testi. 136,571; Oct. 26.
Container, covering of paper or similar flat material. A. S. Allen. 136,444; Oct. 6.
Container for a colorant. J. H. Estes. 136,877; Dec. 21.
Container for cigarettes. N. Testi. 136,575; Oct. 26.
Container for flame coloring material. F. J. De Coursey. 135,999; July 13.
Container for liquids, Portable. W. B. Johnson. 136,890; Dec. 21.
Container for paste, powder, and the like. L. M. Wiley. 134,736; Jan. 5.
Container for toothbrushes or the like. P. G. Watt. 136,567; Oct. 26.
Container, Lipstick. H. L. Howard. 135,562; Apr. 27.
Container, Lipstick. G. F. Richter. 135,799; June 8.
Container or similar article, Sliced bread. F. F. Wahl. 136,619; Nov. 9.
Container or the like, Perfume. S. S. Oya. 136,592; Nov. 2.
Container or the like, Talc. F. McIntosh. 135,618; May 4.
Container, Perfume. M. Habib. 136,501; Oct. 12.
Container, Perfume. S. S. Oya. 136,553; Oct. 26.
Container, Ration. N. T. Naranick. 135,249; Mar. 16.
Container, Ration. N. T. Naranick. 135,588; Apr. 27.
Container, Ration. N. T. Naranick. 135,619; May 4.
Container, Ration. N. T. Naranick. 135,630-1; May 4.
Container, Ration. N. T. Naranick. 135,804; June 8.
Container, Toy candy. T. H. Stough. 136,451; Oct. 5.
Containers for cologne bottle or similar article. J. D. Buckingham. 135,220; Mar. 9.
Control unit, Hydraulic. R. W. Bryant. 135,626; May 4.
Controller, Triple handle. E. J. Panish. 135,950; July 6.
Cooker, Pressure. A. Fischer. Jr. 136,263; Aug. 31.
Cooler, Water. C. M. Cordley. 135,772; June 8.
Corner member for a sleeping berth or the like. G. W. Latimer. 135,346; Mar. 30.
Corner unit, Insulating siding. W. R. Wright. 135,475-7; Apr. 13.
Corset, Artificial. A. G. Splka. 136,665; May 11.
Counting device, Optical. J. T. Armbruster. 136,826; Dec. 14.
Coupling or similar article. I. Ročić. 136,056; July 27.
Coupling, Pipe. R. A. Corley. 135,262; Mar. 16.
Cover, Book. G. R. Penn. 135,738; May 25.
Cover, Cap. P. M. Maxwell and W. J. Russey. 136,884; Dec. 21.
Cover for an instrument casing. D. A. Young and V. S. Thomander. 136,063; July 27.
Cover for Bibles. J. Galtier. 134,998; Feb. 9.
Cover for soldiers or the like, Protective. H. G. Sydenham, H. W. Clowe, and A. E. Du Bois. 136,859; Dec. 14.
Cradle for supporting an airplane. E. M. Scott. 136,809; Dec. 7.
Crib, Foldable paper Christmas. E. Herz. 136,085; Aug. 3.
Cribbage board, Trackway. E. N. Brooks. 136,008; July 20.
Cross, Prayer. J. A. Pryor. 136,272; Aug. 31.
Crucifix. J. P. Calnan. 135,247; Mar. 16.
Crucifix or similar article. J. P. Calnan. 135,610; May 4.
Cup and dish holder or similar article, Combined. N. J. Lebar, Jr. 134,809; Jan. 19.
Cup and razor blade hone, Combined shaving. R. W. Harrison and F. Grabowski. 134,956; Feb. 2.
Curler or similar article, Hair. E. Reynolds. 135,302; Mar. 23.
Curtain rod bracket. P. L. Teninty. 136,689; Nov. 23.
Cutter, Cord. G. W. Baldock. 136,620; Nov. 9.
Cutting machine, Generative. E. W. Miller. 136,816; Dec. 7.
Deck of playing cards. A. M. Voit. 135,466; Apr. 13.
Delecomania transfer sheet or the like. L. Medgyes. 135,497; Apr. 13.
Dental parallel cavity former. M. Jeanneret. 134,905; Jan. 26.
Dental tool unit. V. H. Carpenter. 136,376; Sept. 21.
Desk. F. E. Braun. 134,717; Jan. 5.
Desk. C. I. Center and W. E. Tarr. 135,007; Feb. 9.
Desk. C. I. Center and W. E. Tarr. 135,251; Mar. 16.
Desk. E. Ramsey. 135,085; Feb. 23.
Desk. J. Weber. 134,727; Jan. 5.
Device for centering shafts, drills, or the like. C. L. Wilson. 136,861; Dec. 14.
Device for making carbon dioxide snow. J. A. Werry. 135,532; Apr. 20.
Dial for aircraft attitude indicating device. R. E. Lorenzen. 136,099; Aug. 3.
Dial for barometers or the like. F. J. Scott. 135,472; Apr. 13.
Dial, Thermometer. G. E. Ford. 136,400; Sept. 28.
Dial, Timepiece. L. Y. Booharin. 135,456; Apr. 13.
Digging attachment, Post hole. M. S. Anderson. 135,724; May 25.
Diluter for lubricants. T. Gallo. 135,489; Apr. 13.
Dish and knife rest or similar article, Combined butter. G. W. Kelley. 136,474; Oct. 12.
Dish, Combination dessert and cake. R. Sullivan. 135,003; Feb. 9.
Dish or article of similar nature, Glass. A. J. Dreitzer. 134,860; Jan. 26.
Dish or similar article. A. L. Harshman. 135,030; Feb. 16.
Dish, Soap. H. I. Holton. 136,209; Aug. 24.
Dispenser, Beverage. M. Harrison. 135,506; Apr. 20.
Dispenser for interfolded sheets. B. T. Hoffmaster. 136,591; Nov. 2.
Dispenser for paper napkins. B. T. Hoffmaster. 136,267; Aug. 31.
Dispenser for sugar or the like. C. R. Bennett. 136,307; Sept. 7.
Dispenser, Liquid. A. E. Heemann. 134,935; Feb. 2.
Dispenser, Milk. L. F. Norris. 135,000; Feb. 9.
Dispenser or the like, Package wrapping. N. Tucker. 136,476; Oct. 12.
Dispenser, or the like, Soap. G. H. Packwood, Jr. 135,493; Apr. 13.
Dispenser, Powder sample. N. H. Freeman. 136,774; Dec. 7.
Dispenser, Tape. G. Schlemm. 135,165; Mar. 2.
Display and sales cabinet, Combined. B. H. Kennerson. 134,807; Jan. 19.
Display article or the like. J. J. and A. C. Reinhold. 136,314; Sept. 7.
Display cabinet, Greeting card. M. Grossberg. 135,336; Mar. 30.
Display card or similar article. M. Aron. 135,136; Mar. 2.
Display device. A. C. Garratt. 135,095; Feb. 23.
Display device for paints or the like. E. Borregard. 135,244; Mar. 16.
Display device or similar article. C. W. Watkins. 136,374; Sept. 21.
Display stand for cartons, containers, or the like. M. C. Meyer. 134,721; Jan. 5.
Display stand or like article. L. A. Metcalf. 134,774; Jan. 12.
Doll. R. P. Grams. 136,830; Dec. 14.
Doll. M. Hirsch. 135,684; May 11.
Doll. G. W. Lopez. 136,720-1; Nov. 30.
Doll. B. E. Marek. 136,163; Aug. 17.
Doll. L. Porter. 136,617; Nov. 9.
Doll or similar article. W. E. Disney. 136,368; Sept. 21.
Doll or similar article. J. Rubin. 136,167; Aug. 17.
Doll or similar article, Stuffed. J. Weiss. 135,212; Mar. 9.
Doll or the like. L. Mead. 134,891; Jan. 26.
Door, Cabinet. A. Marchand. 135,654; May 11.
Door or similar article, Automobile. P. J. Swofford. 135,325; Mar. 23.
Door panel for camp stoves, Front. A. M. Cochran. 135,652; May 11.
Douché, Nasal. R. H. Osmun. 136,885; Dec. 21.
Doughnut or the like. R. Morow. 136,111; Aug. 3.
Drafter, Isometric. A. E. Trip. 9. 136,091; Aug. 3.
Drafting machine. F. G. Eubanks. 134,917; Jan. 26.
Drug angle finder for diamond dressing tools. F. Bley. 136,535; Oct. 19.
Dress. P. Adler. 136,934-6; Dec. 28.
Dress. P. Adler. 136,940-4; Dec. 28.
Dress. J. L. Asteroff. 135,229; Mar. 9.
Dress. M. Berger. 135,013; Feb. 9.
Dress. S. Bloom. 136,031-2; July 20.
Dress. F. C. Brogan. 135,885; June 29.
Dress. A. Caron. 135,014; Feb. 9.
Dress. N. D. Carson. 135,015-16; Feb. 9.
Dress. N. D. Carson. 136,327; Sept. 7.
Dress. B. Cashin. 134,743-54; Jan. 5.
Dress. B. Cashin. 135,110; Feb. 23.
Dress. B. Cashin. 135,117; Feb. 23.
Dress. B. Cashin. 135,125; Feb. 23.
Dress. B. Cashin. 135,226; Mar. 9.

- Dress. B. Cashin. 135,230-1; Mar. 9.
 Dress. B. Cashin. 135,271; Mar. 16.
 Dress. B. Cashin. 135,326-7; Mar. 23.
 Dress. B. Cashin. 135,396-9; Mar. 30.
 Dress. B. Cashin. 135,449-53; Apr. 6.
 Dress. B. Cashin. 135,543-6; Apr. 20.
 Dress. B. Cashin. 135,591; Apr. 27.
 Dress. B. Cashin. 136,034-6; July 20.
 Dress. B. Cashin. 136,068-71; July 27.
 Dress. B. Cashin. 136,112; Aug. 3.
 Dress. B. Cashin. 136,123; Aug. 10.
 Dress. B. Cashin. 136,147-52; Aug. 10.
 Dress. B. Cashin. 136,191-2; Aug. 17.
 Dress. B. Cashin. 136,195-7; Aug. 17.
 Dress. B. Cashin. 136,274-5; Aug. 31.
 Dress. B. Cashin. 136,328-31; Sept. 7.
 Dress. B. Cashin. 136,357; Sept. 14.
 Dress. B. Cashin. 136,685-6; Nov. 23.
 Dress. B. Cashin. 136,690; Nov. 23.
 Dress. C. Charles. 134,938; Feb. 2.
 Dress. C. Constantine. 135,766; June 1.
 Dress. G. Constantine. 136,113; Aug. 3.
 Dress. L. Decker. 134,755; Jan. 5.
 Dress. S. Faden. 134,756; Jan. 5.
 Dress. S. Faden. 134,842; Jan. 19.
 Dress. J. Frazita. 136,332 3; Sept. 7.
 Dress. J. Frazita. 136,336; Sept. 14.
 Dress. J. Frazita. 136,813; Dec. 7.
 Dress. A. Gershuny. 134,843; Jan. 19.
 Dress. A. Gershuny. 135,018; Feb. 9.
 Dress. A. Gershuny. 135,017-8; Feb. 16.
 Dress. A. Gershuny. 135,126; Feb. 23.
 Dress. A. Goodman. 134,802; Jan. 12.
 Dress. A. Goodman. 134,901; Jan. 26.
 Dress. D. E. Gottlieb. 135,019-20; Feb. 9.
 Dress. F. Greenberg. 134,972; Feb. 2.
 Dress. F. Greenberg. 136,278; Aug. 31.
 Dress. A. Greenspan. 135,826; June 15.
 Dress. M. Grossman. 135,735; May 25.
 Dress. M. Hagen. 134,803; Jan. 12.
 Dress. L. C. Hawhurst. 135,184; Mar. 9.
 Dress. A. Hochberg. 135,614; May 4.
 Dress. L. Hoshafian. 134,804-5; Jan. 12.
 Dress. V. Jacobs. 135,127-9; Feb. 23.
 Dress. N. Kaback. 136,281; Aug. 31.
 Dress. R. R. Kass. 136,139-43; Aug. 10.
 Dress. B. Kessler. 134,760-1; Jan. 5.
 Dress. B. Kessler. 134,845; Jan. 19.
 Dress. B. Kessler. 135,130-1; Feb. 23.
 Dress. M. King. 135,713; May 25.
 Dress. I. Leihowitz. 135,372-3; Mar. 30.
 Dress. M. McCoy. 134,889-90; Jan. 26.
 Dress. M. McCoy. 134,907-13; Jan. 26.
 Dress. M. McCoy. 136,239-40; Aug. 24.
 Dress. M. McCoy. 136,243-5; Aug. 24.
 Dress. M. McCoy. 136,286-92; Aug. 31.
 Dress. M. McCoy. 136,338; Sept. 14.
 Dress. M. McCoy. 136,396; Sept. 21.
 Dress. M. McCoy. 136,461; Oct. 12.
 Dress. M. McCoy. 136,541; Oct. 19.
 Dress. D. Minchenberg. 134,763; Jan. 5.
 Dress. B. Morye. 134,960; Feb. 2.
 Dress. B. Morye. 135,233; Mar. 9.
 Dress. B. Morye. 135,272; Mar. 16.
 Dress. M. Orloff. 135,767; June 1.
 Dress. M. Parnis. 134,764-8; Jan. 5.
 Dress. M. Parnis. 135,068; Feb. 16.
 Dress. H. J. Pearl. 135,031; Feb. 16.
 Dress. F. Price. 136,917; Dec. 28.
 Dress. J. Richards. 135,178-9; Mar. 2.
 Dress. H. Rosenber. 134,945; Feb. 2.
 Dress. K. Rost. 134,895-8; Jan. 26.
 Dress. K. Rost. 136,923; Dec. 28.
 Dress. D. R. Sadowsky. 136,246; Aug. 24.
 Dress. D. Seligman. 135,023; Feb. 9.
 Dress. L. Shapiro. 134,841; Jan. 19.
 Dress. J. Smith. 136,193; Aug. 17.
 Dress. J. Smith. 136,198-9; Aug. 17.
 Dress. H. H. Stahl. 135,070; Feb. 16.
 Dress. H. H. Stahl. 135,644; May 4.
 Dress. H. H. Stahl. 135,827; June 15.
 Dress. M. E. Tetreault. 135,132; Feb. 23.
 Dress. A. Traina. 136,682; Nov. 16.
 Dress. A. H. Steinberg. 136,103; Aug. 3.
 Dress. J. Walker. 136,117-20; Aug. 3.
 Dress. J. Walker. 136,144-6; Aug. 10.
 Dress. J. Walker. 136,153; Aug. 10.
 Dress. J. Walker. 136,328; Sept. 7.
 Dress. J. L. Walker. 135,503-4; Apr. 13.
 Dress. D. Westheim. 136,247; Aug. 24.
 Dress. H. Wiesen. 134,851-2; Jan. 19.
 Dress. P. Zahn. 135,553; Apr. 20.
 Dress. S. Zahn. 134,770-1; Jan. 5.
 Dress. S. Zahn. 134,900; Jan. 26.
 Dress. S. Zahn. 135,180-1; Mar. 2.
 Dress. S. Zahn. 135,234; Mar. 9.
 Dress. S. Zahn. 135,405; Mar. 30.
 Dress. S. Zahn. 135,505; Apr. 13.
 Dress. S. Zahn. 135,954-5; July 6.
 Dress. S. Zahn. 136,248; Aug. 24.
 Dress. S. Zahn. 136,299; Aug. 31.
 Dress. S. Zahn. 136,366; Sept. 14.
 Dress. S. Zahn. 136,399; Sept. 21.
 Dress. S. Zahn. 136,490; Oct. 12.
 Dress. B. Zanderer. 134,853; Jan. 19.
 Dress. B. Zanderer. 135,153-4; Feb. 23.
 Dress. Beach wear. A. M. Katz. 136,875; Dec. 21.
 Dress, Jumper. J. Walker. 136,362-5; Sept. 14.
 Dress or similar article. M. M. Breskin. 135,043; Feb. 16.
 Drier, Clothes. H. S. Aaronson. 136,003; July 20.
 Drier, Sweater. L. J. Davis. 136,433; Oct. 5.
 Drier, Sweater. D. C. Grant. 135,199; Mar. 9.
 Dual control for phonographs. L. Z. La Forest. 135,266; Mar. 16.
 Dust seal for chronometers. E. W. Drescher. 136,828; Dec. 14.
 Earphone. A. L. W. Williams and D. E. Rutter. 135,674; May 11.
 Earring. M. Baer. 135,091; Feb. 23.
 Earring. L. Brandfeld. 136,600; Nov. 2.
 Earring. M. Chernow. 136,077; Aug. 3.
 Earring. M. Chernow. 136,486-8; Oct. 12.
 Earring. M. Chernow. 136,491-7; Oct. 12.
 Earring. M. P. Hull. 136,815; Dec. 7.
 Earring. N. Levy. 135,780; June 8.
 Earring. M. C. Meyer. 135,318; Mar. 23.
 Earring. M. C. Meyer. 136,422; Oct. 5.
 Earring. A. Philippe. 136,594; Nov. 2.
 Earring. J. Severino. 136,840; Dec. 14.
 Electric lighting fixture, Portable. D. J. Biller. 135,092-3; Feb. 23.
 Electric switch housing. N. C. Fetter. 134,994; Feb. 9.
 Electric switch housing. O. H. Kaminsky. 134,996; Feb. 9.
 Electron discharge device. H. R. Seelen. 136,663; Nov. 16.
 Emblem or similar article, Applique. W. P. Burn and H. L. Jurkops. 134,923; Feb. 2.
 Emblem or similar article, Applique. W. P. Burn and H. L. Jurkops. 136,059; July 27.
 Emblem or similar article, Applique. D. T. Golden. 135,838; June 15.
 Emblem or similar article, Applique. H. L. Jurkops. 135,525; Apr. 20.
 Emblem or similar article, Applique. H. L. Jurkops. 136,650; Nov. 9.
 Emblem plate or similar article, Automobile. C. J. Dryden. 134,967; Feb. 2.
 Embroidered lace. J. Wiener. 136,842-6; Dec. 14.
 Embroidered trimming or similar article. H. Tobler. 136,728-9; Nov. 30.
 Embroidered trimming or similar article. H. Tobler. 136,823-4; Dec. 7.
 Enclosure, Switch. J. F. Meyer. 135,528; Apr. 20.
 Energizer for internal combustion engine starters, External. D. J. Conant. 135,306; Mar. 23.
 Energizer for internal combustion engine starters, External. D. J. Conant. 136,133; Aug. 10.
 Engine, Airplane. L. M. Taylor. 136,540; Oct. 19.
 Engine controlling mechanism. M. J. Smith. 135,166; Mar. 2.
 Engine starter. R. M. Heintz. 135,899; June 29.
 Engine starter. R. M. Heintz. 136,503-4; Oct. 12.
 Envelope. P. Brown, Jr. 136,084; Aug. 3.
 Envelope and writing paper or similar article, Combined. C. C. Dill. 135,593; Apr. 27.
 Envelope moisture and sealer, Combined. D. H. Freese. 136,073; July 27.
 Epaullet. E. V. Raymond. 135,086; Feb. 23.
 Extractor, Fruit juice. T. R. Buntun. 135,703; May 18.
 Extractor, Fruit juice. C. M. Payne and J. M. Majewski, Jr. 135,207; Mar. 9.
 Extractor, Fruit juice. W. D. Seigh. 135,429; Apr. 6.
 Extractor, Juice. K. C. Bonde. 136,772; Dec. 7.
 Eye-shade or similar article. C. J. Cardona. 136,847; Dec. 14.
 Fabric. M. R. Hamre. 135,144; Mar. 2.
 Fabric, Embroidered. J. Bernstein. 134,989; Feb. 9.
 Fabric, Knotted. L. Herszkowicz. 135,328; Mar. 23.
 Fabric or similar article, Liturgical. A. Baumgartner. 135,956-7; July 13.
 Fabric or similar article of manufacture, Textile. H. S. Herford. 135,064; Feb. 16.
 Fabric or similar article, Textile. R. Bouet-Willaumez. 134,834; Jan. 19.
 Fabric or similar article, Textile. R. M. Gutekunst. 135,458; Apr. 13.
 Fabric or similar article, Textile. M. Raab. 136,681; Nov. 16.
 Fabric or the like, Textile. H. Fleischman. 136,887; Dec. 14.
 Fabric, Textile. J. H. Abt. 134,837; Jan. 19.
 Fabric, Textile. J. H. Abt. 135,042; Feb. 16.
 Fabric, Textile. J. H. Burton. 134,731; Jan. 5.
 Fabric, Textile. S. Klauber. 135,602; May 4.
 Fabric, Textile. B. Leerer. 134,762; Jan. 5.
 Fabric, Textile. J. E. Maisch. 136,345; Sept. 14.
 Fabric, Textile. M. Meyer. 134,819; Jan. 19.
 Fabric, Textile. D. Rabinovitch. 135,002; Feb. 9.
 Fabric, Textile. J. Rubin. 135,319; Mar. 23.
 Fabric, Textile. H. W. Wilde. 135,374; Mar. 30.
 Fabric, Textile. H. W. Wilde. 135,394-5; Mar. 30.
 Fan, Electric. W. A. Spear. 135,599; Apr. 27.
 Fastener applying tool. H. W. Kost. 136,891; Dec. 21.
 Fastener, File. M. Pollack. 136,016-17; July 20.
 Fastener or similar article, Bag. T. K. Jamison. 135,112; Feb. 23.

- Fastener or similar article, Bolt. I. Geist. 135,876; June 29.
- Fastener, Wood. N. A. Boyles. 136,371; Sept. 21.
- Fastener, Wooden. D. W. Lester. 136,735; Nov. 30.
- Feed box for lathes. R. K. Le Blond. 135,345; Mar. 30.
- Feeder tap, Trolley wire. A. H. Genter. 135,932; July 6.
- Fender for juvenile vehicles. W. I. Smith. 136,510; Oct. 12.
- Ferrule for boiler fire and smoke tubes, Protecting. K. Merkessius. 136,855; Dec. 14.
- Figure and sign. Combined lawn. F. L. Kincannon. 136,584-5; Mar. 2.
- Figure or similar article, Fanciful. W. G. Taube. 136,183; Aug. 17.
- Figurine or similar article. E. C. and C. J. Collopy. 135,227; Mar. 9.
- Figurines for a lupel ornament, place cards, and the like, Separable. J. E. Stephenson. 136,390; Sept. 21.
- Filter and strainer, Combined. F. Krauss, Jr. 135,021; July 20.
- Finger rest. O. R. White. 135,041; Feb. 16.
- Firearm. L. G. Reising. 136,041; July 20.
- Fish tube or similar article. J. W. Harvey. 135,850; June 22.
- Fixture, Lighting. E. B. Hallman. 136,613; May 4.
- Fixture, Lighting. C. T. Masterson. 136,453; Oct. 5.
- Fixture, Lighting. C. T. Masterson. 136,611; Nov. 9.
- Flag. W. S. Bailey. 135,658; May 11.
- Flag. L. Y. Booharin. 135,115; Feb. 23.
- Flag holder or similar article. E. E. Farley and K. A. Bird. 136,458; Oct. 5.
- Flag or similar article. G. J. Huwlyer. 135,119; Feb. 23.
- Flag or the like. P. T. O'Connell. 135,364; Mar. 30.
- Flashlight. A. L. Krauss. 136,736-7; Nov. 30.
- Flashlight. H. M. Slocum. 135,099; Feb. 23.
- Flashlight or similar article. L. Brodson. 135,225; Mar. 9.
- Flash or signal light. R. L. Falge. 135,802; June 8.
- Flask unit. M. A. Glueck. 136,692; Nov. 23.
- Flatiron and lamp housing, Combined. H. D. McKinney. 135,022; Feb. 9.
- Flight plotting instrument. E. G. Vetter. 135,722; May 25.
- Floor covering for buses or the like. S. D. Moore and T. S. Rowe. 136,716; Nov. 23.
- Folder for bills, coins, cards, or the like. S. Hyman. 136,889; Dec. 21.
- Folder or similar article, Correspondence. J. E. Schenker. 135,893; June 20.
- Font of type. B. Goldsmith, Jr. 135,683; May 11.
- Foot exerciser. W. M. Jeffreys. 136,905; Dec. 28.
- Fountain, Poultry watering drip. C. Brodsky. 136,201; Aug. 24.
- Frame and easel support, Combined picture. W. Katz. 134,958; Feb. 2.
- Frame and flower container, Combination picture. R. G. Block. 136,054; July 27.
- Frame, Eyeglass. J. Bendix and E. Halonze. 136,405; Sept. 28.
- Frame, Eyeglass. L. Jacobson. 136,047; July 27.
- Frame, Eyeglass. A. M. Levy. 136,203; Aug. 24.
- Frame for grinding, polishing, or like machines, Pedestal. W. M. Gideon. 136,775; Dec. 7.
- Frame or similar article, Lapel picture. I. Hordes. 135,204; Mar. 6.
- Frame or the like, Picture. S. S. Corwin and J. Braun. 135,034; Feb. 16.
- Frame or the like, Picture. J. J. and A. C. Reinhold. 136,857; Dec. 14.
- Frame or the like, Spectacle. H. M. Ditto. 136,178; Aug. 17.
- Frame, Picture. W. P. Cameron. 136,176; Aug. 17.
- Frame, Picture. A. C. Fuchs. 136,061; Aug. 17.
- Frame, Picture. W. Martin. 136,932; Dec. 28.
- Frame, Picture. H. E. Perkins. 135,288; Mar. 23.
- Frame, Picture. J. E. Schenker. 136,347; Sept. 14.
- Frame, Service picture. C. F. Cusick and P. Marracini. 135,151; Mar. 2.
- Frame, Spectacle. A. Sanders. 135,510; Apr. 20.
- Framework for physical and recreational training. W. P. Miller. 135,935; July 6.
- Fuel dispensing unit. F. E. Neef, Jr. 135,687; May 18.
- Funnel and filter holder, Combined. W. B. Warren. 135,952; July 6.
- Game board. H. O. Broughton. 136,393; Sept. 21.
- Game board. P. H. Brady. 136,633; Nov. 9.
- Game board. R. C. Cobb. 135,930; July 6.
- Game board. J. C. Forst. 135,414; Apr. 6.
- Game board. R. B. Gossard. 134,902; Jan. 26.
- Game board. C. L. Hagan. 136,781; Dec. 7.
- Game board. J. R. Huckelbridge. 136,256; Aug. 31.
- Game board. J. J. Matta. 136,784; Dec. 7.
- Game board. O. T. Querness. 135,580; Apr. 27.
- Game board. C. H. Reed. 135,720; May 25.
- Game board. W. B. Schwer. 135,850; June 29.
- Game board. J. G. Stegmair. 136,699; Nov. 23.
- Game board. D. Van Horn. 135,351; Mar. 30.
- Game board. A. M. Voit. 135,465; Apr. 13.
- Game board or similar article. T. K. Chay. 135,337; Mar. 30.
- Game board or the like. N. G. Wiltse, Jr., and G. Sinkule. 135,124; Feb. 23.
- Game device. W. H. M. Cameron. 135,377; Mar. 30.
- Game device. B. Daniels. 135,704; May 18.
- Game device. J. W. Drucke. 135,706; May 18.
- Game device. W. F. Drucke, Jr. 135,707; May 18.
- Game device. J. W. Patterson. 136,785; Dec. 7.
- Game device, Geographic amusement. F. Scherbaun. 135,008; Feb. 23.
- Game table. W. A. Schrader. 135,895; June 29.
- Garment or the like, Bathing. M. W. Keith. 136,185; Aug. 17.
- Gasoline station. R. H. Fletcher, Jr. 135,612; May 4.
- Gate for fireplaces or the like. C. G. Steinbicker and N. C. Butler. 135,160; Mar. 2.
- Generator, Thermoelectric. H. J. Findley. 136,109; Aug. 2.
- Gauge. R. R. Reed and J. W. Hanson. 136,578; Oct. 26.
- Gauge for size measurement or comparison. W. F. Aller. 135,455; Apr. 13.
- Gauge, Pressure. E. H. Wittenberg. 136,205; Aug. 24.
- Gauge, Tool setting and checking. H. L. Bartelt. 134,853; Jan. 26.
- Gearing hobbing machine. A. J. Vasselli. 135,784; June 8.
- Girdle or the like. H. Kress. 136,050; July 27.
- Girdle, Panty. Z. A. Stephens. 135,927-8; July 6.
- Glass, Drinking. G. L. Kearney. 136,684; Nov. 23.
- Glass, Drinking. M. M. Maguin. 136,616; Nov. 9.
- Glass, Drinking. A. F. Richards. 136,625; Nov. 9.
- Glass, Illuminable magnifying. C. D. Austin. 135,422; Apr. 6.
- Glass, Reading. C. D. Austin. 135,421; Apr. 6.
- Glider. W. I. Smith. 135,777; June 8.
- Glider and cradle, Combined. E. W. Worley. 134,979; Feb. 9.
- Glider, Airplane. B. Aznyeer. 136,296; Aug. 31.
- Glider, Ski. G. Hopkins. 135,345; Mar. 30.
- Goggles. E. A. Ring. 136,398; Sept. 21.
- Goggles. L. A. Severy. 135,192; Mar. 9.
- Goggles. W. Bausch. 135,237; Mar. 16.
- Golf club head. T. P. Duncan, Jr. 136,159; Aug. 17.
- Grain distributor or similar article. C. W. Lanter. 136,837; Dec. 14.
- Grate. R. M. O'Brien. 135,858; June 22.
- Grate, Vegetable. R. M. Muller. 136,662; Nov. 16.
- Grande, Hand. J. R. Montano. 135,361; Mar. 30.
- Grinder, Meat. A. F. Kaputeller. 135,933; July 6.
- Guard and lamp, Combined bicycle. T. E. D. Bilde. 135,493; Apr. 13.
- Guard, Spectacle. M. B. Roth. 135,509; Apr. 20.
- Gun, Spray. W. M. Vogel. 136,172; Mar. 30.
- Gyro or similar toy. M. Buzas. 134,857; Jan. 26.
- Hammer brush, needle, Combined neurological. J. Brandenburg. 136,273; Aug. 31.
- Handbag. R. Appel. 135,816; July 15.
- Handbag. D. E. Everitt. 135,197; Mar. 9.
- Handbag. E. Gresh. 135,990; July 13.
- Handbag. Z. Harpignies. 136,872-4; Dec. 21.
- Handbag. P. X. Hiltbrand. 136,526; Oct. 19.
- Handbag. F. X. Hiltbrand. 136,550; Oct. 26.
- Handbag. I. Jolles. 135,769; June 1.
- Handbag. I. Jolles. 135,840; June 15.
- Handbag. B. Kalisher. 135,603-7; May 4.
- Handbag. B. Kalisher. 136,014; July 26.
- Handbag. J. F. Keene. 135,857; June 22.
- Handbag. L. C. Levine. 136,873; Dec. 21.
- Handbag. J. A. Lichter. 136,258; Aug. 31.
- Handbag. A. Matias. 136,285; Aug. 31.
- Handbag. H. Morris. 136,353; Sept. 14.
- Handbag. I. Pichel. 135,502; Apr. 13.
- Handbag. J. Resnick. 136,166; Aug. 17.
- Handbag. D. Rubin. 135,530; Apr. 20.
- Handbag. H. Schoenfeld. 135,428; Apr. 6.
- Handbag. N. and M. Sloane. 135,261; Mar. 16.
- Handbag. N. and M. Sloane. 136,523; Oct. 19.
- Handbag. N. and M. Sloane. 136,886; Dec. 21.
- Handbag. W. Tashman. 134,866-70; Jan. 26.
- Handbag. W. Tashman. 134,881; Jan. 26.
- Handbag. W. Tashman. 135,027; Feb. 16.
- Handbag. V. H. Woolums. 134,737; Jan. 5.
- Handbag, Crocheted lady's. L. K. Rotkel. 135,983; July 13.
- Handbag frame. F. X. Hiltbrand. 136,878; Dec. 21.
- Handbag or similar article. D. Porter. 136,135; Aug. 10.
- Handbag or similar article. G. Murphy. 136,747; Nov. 30.
- Handbag or the like. W. D. Phelps. 136,593; Nov. 2.
- Handkerchief or similar article. T. J. Brown. 135,196; Mar. 9.
- Handkerchief or similar article. S. Klauber. 136,746; Nov. 30.
- Handle and reel, Combined fishing rod. T. C. Fausnier. 135,761; June 1.
- Handle for a coffeepot or the like. K. Schneider. 136,102; Aug. 3.
- Handle for a safety razor. J. B. Buller. 135,044; Feb. 16.
- Handle for kitchen utensils or similar articles. M. J. Zimmer. 135,565-6; Apr. 27.
- Hanger and door pull or similar article, Combined garment. A. Dailey. 136,665; Nov. 16.
- Hanger and easel, Combined. A. Grivin. 135,786; June 8.
- Hanger, Clothes. F. E. Lange. 134,808; Jan. 19.

Hanger, Expanding sleeve. T. J. Weekley. 135,143; Mar. 2.

Hanger, Garment. T. W. Benner. 134,980; Feb. 9.

Hanger, Garment. R. E. Schreiber. 136,082; Aug. 3.

Hanger, Metal bracket clothes. T. H. Badger. 136,392; Jan. 21.

Harness, Dog. T. L. Curtis. 135,752; June 1.

Harvester, Corn. C. E. Everett. 135,874; June 29.

Hat. H. C. Cookman. 136,498; Oct. 12.

Hat. B. J. Goldenberg. 135,232; Mar. 9.

Hat. Z. Harpignies. 134,772; Jan. 5.

Hat. Z. Harpignies. 134,790; Jan. 12.

Hat. Z. Harpignies. 134,840; Jan. 19.

Hat. Z. Harpignies. 134,968; Feb. 2.

Hat. Z. Harpignies. 135,009; Feb. 9.

Hat. Z. Harpignies. 135,321; Mar. 23.

Hat. Z. Harpignies. 135,549; Apr. 20.

Hat. Z. Harpignies. 135,708; May 18.

Hat. Z. Harpignies. 136,517; Oct. 19.

Hat. Z. Harpignies. 136,525; Oct. 19.

Hat. G. H. Dodge. 136,812; Dec. 7.

Hat. S. Lish. 136,225; Aug. 24.

Hat. S. Lish. 136,282; Aug. 31.

Hat. S. Lish. 136,284; Aug. 31.

Hat. P. M. Maxwell and W. J. Russy. 134,964; Feb. 2.

Hat. P. M. Maxwell and W. J. Russy. 135,146; Mar. 2.

Hat. A. Moncé. 135,822; June 15.

Hat. F. Reichman. 135,906; June 29.

Hat. A. Reinsberg. 135,497; Apr. 13.

Hat. A. Rothchild. 134,849; Jan. 19.

Hat. A. Rothchild. 135,067; Feb. 16.

Hat. E. D. Rothhaus. 135,111; Feb. 23.

Hat. H. Siegelbaum. 135,867; June 22.

Hat. M. Solash. 134,787; Jan. 12.

Hat. D. Vernon. 135,090; May 18.

Hat. R. Wedd. 134,882; Jan. 26.

Hat. E. R. Weisbender and R. N. Brown. 136,604; Nov. 2.

Hat. F. E. Westmore. 136,678; Nov. 16.

Hat. M. E. Wietz. 135,113; Feb. 23.

Hat. N. Witz. 136,334; Sept. 7.

Hat, Lady's. R. V. Johnson. 134,844; Jan. 19.

Hat or similar article. R. O. Green. 136,562; Oct. 26.

Hat or similar article. J. Halpern. 136,446; Oct. 5.

Hat or similar article. M. Merkent. 135,586; Apr. 27.

Hat or similar article. S. Rosenberg. 134,880; Jan. 26.

Hat or similar article. Lady's. L. P. Burnside. 136,706; Nov. 23.

Hat or similar article. Scarf. L. Karlen. 135,678; May 11.

Hat, Scarf. E. Goodman. 136,853; Dec. 14.

Hat trimming or similar article. A. Gerstenzang. 134,778; Jan. 12.

Head. Golf club. V. G. Armstrong. 136,005; July 20.

Headstock for lathes. W. M. McConnell. 135,905; June 29.

Heat transfer unit. N. A. Gray. 136,904; Dec. 28.

Heater, Circulating. E. J. Burke. 135,554; Apr. 27.

Heater, Domestic water. C. H. Morrow. 135,083; Feb. 23.

Heater, Portable. J. H. Pearson. 135,324; Mar. 23.

Heater unit, Portable. D. H. Powers. 135,859; June 22.

Heater, Water. R. J. Wolf and J. G. Dunville. 135,224; Mar. 9.

Heating unit, Portable. H. B. Holthouse. 135,577; Apr. 27.

Heating unit, Portable. H. B. Holthouse. 135,833; June 15.

Heating unit, Portable. H. B. Holthouse. 135,862; June 22.

Heel, elongated shank, and sole, Combined. J. W. McGee. 135,864; June 22.

Helicopter. R. J. Woods. 135,434; Apr. 6.

Helmet. F. R. Wulsin. 135,765; June 1.

Helmet and cape, Combined. N. Renko. 135,632; May 4.

Hinge, Toilet seat. M. V. Slager. 135,228; Mar. 9.

Hinge, Toilet seat. H. D. Watson. 136,322-3; Sept. 7.

Holder and ash receiver, Combined tobacco tin. K. B. Weber. III. 134,899; Jan. 26.

Holder and receptacle therefor, or the like, Combined. C. L. Fordyce. 136,064; July 27.

Holder, Battery. R. C. Casanov. 136,758; Nov. 30.

Holder, Book. W. L. Pollard. 135,664; May 11.

Holder, Bottle. P. E. Allen. 134,949; Feb. 2.

Holder, Broom. S. Agosta. 135,636; May 4.

Holder, Broom. E. Allred. 136,004; July 20.

Holder, Card. A. M. Ferrer. 135,871; June 22.

Holder, Cigarette pack. E. Kanter. 135,621-5; May 4.

Holder, Coin. H. D. Smith. 135,541; Apr. 20.

Holder, Combined cake and candle. C. Frenger. 135,152; Mar. 2.

Holder, Combined handbag and cosmetic. A. R. Botham. 135,568; Apr. 27.

Holder, Floor. L. P. Weil. 135,723; May 25.

Holder for beer foam scrapers. J. Austin. 135,747; June 1.

Holder for fishing poles or the like. J. Olowecki. 136,856; Dec. 14.

Holder for fluorescent lamps and starter switch. D. Curtis. 134,732; Jan. 5.

Holder for garbage cans. F. Crossley. 135,897; June 29.

Holder for inkwells and pens. W. M. Gallagher. 135,831; June 15.

Holder for narrow fabrics. J. W. Funke. 136,657; Nov. 16.

Holder for ration container. N. T. Naranick. 135,835; June 15.

Holder, Fuse. R. A. Millermaster and A. A. Writzmann. 136,522; Oct. 19.

Holder, Garden hose. C. H. Churchill. 134,939; Feb. 2.

Holder, Lipstick. H. L. Ross. 135,745; June 1.

Holder, Match book. S. H. Brooks and M. A. Wright. 136,033; July 20.

Holder, Mop swab. M. Moskowit. 135,976; July 13.

Holder, Napkin. A. Gletzner. 135,966; July 13.

Holder, Nut. C. R. Diller. 136,549; Oct. 26.

Holder or similar article, Cutlery. A. P. Miller. 135,185-6; Mar. 9.

Holder or similar article, Scratch-pad. F. H. Kaiser. 136,660; Nov. 16.

Holder, Phonograph record. A. M. Rauch. 136,810; Dec. 7.

Holder, Picture. E. Schmidhofer. 136,839; Dec. 14.

Holder, Picture frame. A. Di Bari. 135,985; July 13.

Holder, Shade. J. J. W. Stephens. 136,114; Aug. 3.

Holder, Shaving soap. O. F. Grab. 136,012; July 20.

Holder, Transitional angle cock. S. H. Campbell and F. H. Pietzsch. 135,423; Apr. 6.

Holder, Welding electrode. C. L. Wood. 136,479; Oct. 12.

Holder, Safety razor blade. J. de Swart. 136,883; Dec. 21.

Hood. M. Eskind. 135,641; May 4.

Hood, Blind flying. G. E. Jones. 136,539; Oct. 19.

Hook. J. L. Gould. 136,667; Nov. 16.

Hook or similar article. R. S. Gemmill. 136,228; Aug. 24.

Horn, Shoe. J. B. Mutch. 136,303; Sept. 7.

Horse, Rocking. H. J. Meyer. 136,181; Aug. 17.

House. A. T. Brown. 135,609; May 4.

House. R. G. Le Tourneau. 136,671; Nov. 16.

House, Concrete dwelling. T. J. Crowe. 136,060; July 27.

Housing for a fluorescent lighting fixture. D. J. Biller. 135,375; Mar. 30.

Housing for rapid traverse mechanism for lathes. W. M. McConnell. 135,741; June 1.

Ice, Ship. H. J. Sullivan. 135,402; Mar. 30.

Hydroplane. A. Gadda. 136,792-4; Dec. 7.

Incense burner. F. A. Hoff. 136,739; Nov. 30.

Indicator, Ammunition rounds. W. H. Huengerardt. 135,916; July 6.

Indicator, Combined scoring board and trump-card. R. G. Pavey. 135,744; June 1.

Indicator for aircraft, Automatic pilot. P. Halpert and J. B. Schaefer. 135,415; Apr. 6.

Indicator, Repeater compass. F. D. Braddon. 135,533; Apr. 20.

Indicator, Repeater compass course setting. L. J. De Lanty. 135,536; Apr. 20.

Insigina, Military. A. E. Du Bois. 134,795-6; Jan. 12.

Insole. W. C. Wright. 136,227; Aug. 24.

Insole and cover, Combined shoe. M. Kane. 136,180; Aug. 17.

Instrument, Control. H. Dreyfus. 136,848-52; Dec. 14.

Instrument, Drafting. H. C. Gilner. 136,500; Oct. 12.

Instrument for manipulation of the spinal column. E. J. Leddy. 136,669; Nov. 16.

Instrument, Navigational. T. C. Green. 135,282; Mar. 23.

Iron, Tire branding. D. C. Weyl. 135,979; July 13.

Jabot or similar article. S. M. Baar. 135,800; June 8.

Jabot or similar article. S. M. Baar. 136,132; Aug. 10.

Jabot or similar article. S. M. Baar. 136,898; Dec. 28.

Jack, Lifting. J. J. Mueller. 135,991; July 13.

Jacket. P. Adler. 136,937; Dec. 28.

Jacket. M. Backus. 134,741; Jan. 5.

Jacket. H. C. Cookman. 135,710; May 25.

Jacket. S. Erkin. 136,938; Dec. 28.

Jacket. H. E. Poss. 134,800-1; Jan. 12.

Jacket. M. King. 135,714; May 25.

Jacket. L. Leventhal. 136,688; Nov. 23.

Jacket. L. Leventhal. 136,695; Nov. 23.

Jacket. B. Moyer. 134,846-8; Jan. 19.

Jacket. B. Moyer. 134,892; Jan. 26.

Jacket. B. Moyer. 134,973; Feb. 2.

Jacket. B. Moyer. 135,501; Apr. 13.

Jacket. B. Moyer. 136,241; Aug. 24.

Jacket. M. Seidman. 136,618; Nov. 9.

Jacket. D. Seligman. 134,974; Feb. 2.

Jacket. S. Zahn. 135,235; Mar. 9.

Jacket. S. Zahn. 135,779; June 8.

Jacket, Waterproof. J. E. Hard. 135,787; June 8.

Jar, Cookie. L. E. Bauer. 135,889; June 29.

Jar, Dessert. L. R. Sereno. 135,296; Mar. 23.

Jewelry finding. E. Nathanson. 136,744; Nov. 30.

Jewelry finding. V. Wilson. 136,468; Oct. 12.

Jewelry finding or similar article. R. Hendrix. 135,371; Mar. 30.

Jewelry finding or similar article. R. Kellett and F. C. Robinson. 135,436; Apr. 6.

Jewelry finding or the like. G. B. Nielsen. 135,620; May 4.

Jewelry finding or the like. J. C. Sneed. 135,790; June 8.

Jodhpurs. B. Cohen. 135,592; Apr. 27.

- Key for waterproof watches or similar articles. Cover opening. E. Loeb. 136,512; Oct. 19.
- Key holder. M. J. Welner. 134,788; Jan. 12.
- Kit, Polish. R. H. Willingham. 135,270; Mar. 16.
- Kitchen unit, Combination. H. C. Douer. 135,842; June 22.
- Kite, Collapsible. H. C. Sauls. 136,018; July 20.
- Knife, Carving. J. R. Gerber. 136,445; Oct. 5.
- Knife and measuring spoon, Combination paring. S. B. Phillips. 136,022; July 20.
- Knife, Kitchen utility. S. B. Phillips. 136,023; July 20.
- Knife or similar article, Bread. L. J. Oliver. 136,182; Aug. 17.
- Label or similar article. W. J. Ash. 135,114; Feb. 23.
- Lace. A. Feerst. 134,953; Feb. 2.
- Lace. A. Gelb. 136,903; Dec. 28.
- Lace, Embroidered. M. P. Oschger. 134,929; Feb. 2.
- Lace, Embroidered. P. Wiener. 135,004; Feb. 9.
- Lace, Embroidered. P. Wiener. 135,123; Feb. 23.
- Lace, Embroidered. J. Wiener. 135,214; Mar. 9.
- Lace, Embroidered. J. Wiener. 135,433; Apr. 6.
- Lace, Embroidered. J. Wiener. 135,645-6; May 4.
- Lace, Embroidered. J. Wiener. 135,800; June 8.
- Lace, Embroidered. J. Wiener. 136,403; Sept. 28.
- Lace, Embroidered. J. Wiener. 136,909; Dec. 28.
- Lace or the like, Embroidered. H. Tobler. 136,469; Oct. 12.
- Lamp. S. L. Dinkelspiel. 135,830; June 15.
- Lamp. L. H. Elder. 135,219; Mar. 9.
- Lamp. H. E. Hopkins. 135,479; Apr. 13.
- Lamp. P. S. Keeler. 135,946; July 6.
- Lamp. M. Samit. 135,698; May 18.
- Lamp, Automobile. H. R. Gross. 135,548; Apr. 20.
- Lamp, Bridge. D. A. Wallace. 135,805; June 8.
- Lamp, Desk. C. L. Dewey. 135,478; Apr. 13.
- Lamp, Incandescent. M. Luckiesh. M. 136,640; Nov. 9.
- Lamp lens. R. Cadwallader. 135,570-2; Apr. 27.
- Lamp or similar article. J. H. Sindelar. 136,755; Nov. 30.
- Lamp, perpetual calendar, and container, Combination. E. L. Jones. 135,550; Apr. 20.
- Lapel ornament or similar article. C. Wandt. 136,902; Dec. 28.
- Lathe. W. F. Groene. 136,601; Nov. 2.
- Lathework. L. W. Cohn. 135,853; June 22.
- Laundry unit. W. J. Russell. 135,721; May 25.
- Leather, Embossed. L. I. Friedman. 136,253-4; Aug. 31.
- Leather or similar article of manufacture. F. H. Becker and L. F. Peabody. 136,044; July 27.
- Lens computer. S. Sterling. 135,349; Mar. 30.
- Lens, Lamp. R. Cadwallader. 134,830-1; Jan. 19.
- Lens, Ophthalmic-mounting. A. B. Chaney. 136,095; Aug. 3.
- Level, Spirit. W. A. Honeyman. 136,563; Oct. 26.
- Lewis for burial vault parts, Strap. W. W. Haase. 135,878; June 29.
- License plate frame. V. D. Griffith. 134,835; Jan. 19.
- Light, Automobile. H. R. Gross. 135,547; Apr. 20.
- Light channel, Fluorescent. E. F. Guth. 136,382; Sept. 21.
- Light fixture and ornament holder, Combination. F. I. Szalla. 135,107; Feb. 23.
- Light fixture, Bracket supported. R. G. Nordquist. 136,027; July 20.
- Light fixture, Fluorescent. C. Hofstetter. 136,518; Oct. 19.
- Light fixture, Fluorescent electric. J. G. Clark. 135,217; Mar. 9.
- Light fixture, Portable. V. L. Vendope. 135,837; June 15.
- Light fixture, Portable. V. L. Vendope. 136,799; Dec. 7.
- Light, Flash or signal. R. L. Falge. 135,768; June 1.
- Light, Inspection. J. J. W. Stephens. 136,570; Oct. 26.
- Light, Portable aerodrome. H. A. Cline. 136,406; Sept. 28.
- Lighter, Center striped cigarette. A. S. Weston. 136,740; Nov. 30.
- Lighter, Fluted cigarette. A. S. Weston. 136,029; July 20.
- Lighter for cigarettes or the like, Table. I. Florman. 135,594; Apr. 27.
- Lighter, Full opening. A. S. Weston. 136,043; July 20.
- Lighting fixture. W. T. Marek. 136,797; Dec. 7.
- Lighting fixture. R. G. Maurette. 136,521; Oct. 19.
- Liner for a comport or article of similar nature, Glass. C. S. Whipple. 136,049; July 27.
- Liturgical fabric or similar article. A. Baumgartner. 136,788-90; Dec. 7.
- Locket. T. H. Massay. 136,270; Aug. 31.
- Locket or similar article. E. T. Krol. 135,526; Apr. 20.
- Locket or similar article, Wrist. J. H. Petter. 134,825; Jan. 10.
- Locomotive body. R. G. F. Loewy. 136,259-61; Aug. 31.
- Loud-speaker or the like. C. C. Langevin. 136,537; Oct. 19.
- Luminaire. C. F. Haas and E. W. Yungman. 135,733; May 25.
- Luminaire. F. C. Winkler and C. F. Haas. 135,386; Mar. 30.
- Machine casing, Check writing. W. A. Kropp. 135,500; Apr. 13.
- Magneto testing apparatus. B. J. Haskins. 136,713; Nov. 23.
- Manicure implement and nail file, Combined. S. S. Wechsler. 135,984; July 13.
- Map. P. von Rohl. 136,173; Aug. 17.
- Mask for dolls or similar article. H. Levy. 136,087; Aug. 3.
- Mask for stuffed toys or similar article. J. Swedlin. 135,492; Apr. 13.
- Mask for stuffed toys or similar article. J. Swedlin. 135,882; June 29.
- Mask for typewriting machines. L. C. Myers. 136,754; Nov. 30.
- Mat or the like. S. D. Moore and T. S. Rowe. 136,717; Nov. 23.
- Match clusters and holder, Combined. H. Cohen. 134,933; Feb. 2.
- Material handler or the like, Tractor carried. C. C. Baldwin. 135,828; June 15.
- Measure, Butter. K. R. Downer. 136,046; July 27.
- Medal or similar article. A. F. Heubner. 136,308; Sept. 7.
- Medal or the like. W. E. Stamets. 135,430; Apr. 6.
- Medallion. E. K. Madan. 134,985; Feb. 9.
- Medallion or the like. C. L. Schmitz. 136,529; Oct. 19.
- Metal cutting machine or similar article. E. Schutz. 135,473; Apr. 13.
- Meter and rump housing or the like, Combined. C. W. Glinter. 136,627; May 4.
- Microscope. J. T. Armbruster. 136,315; Sept. 7.
- Milking timer. E. J. Gengler. 134,759; Jan. 5.
- Milling machine. R. F. Onsrud. 135,688; May 18.
- Mirror and tissue dispenser, Combination. W. Lyons. 135,097; Feb. 23.
- Mirror or similar article, Folding. D. Bezborodko. 135,404; Apr. 6.
- Mitten. B. Chalk. 136,094; Aug. 3.
- Mitten. W. A. Clark. 135,368; Mar. 30.
- Mixer arm, Aggregate. W. M. Madsen. 136,055; July 27.
- Mixer, Food. W. J. Burford. 135,647; May 11.
- Mock machine gun attachment for bicycles. C. W. Redlund. 136,487; Oct. 5.
- Moltenizer. O. Kaub. 136,215; Aug. 24.
- Mold, Glass jelly. B. D. Levenson. 135,557; Apr. 27.
- Mold or similar article, Butter. J. L. Wade. 135,419; Apr. 6.
- Mold or similar article, Butter. J. L. Wade. 136,204; Aug. 24.
- Mold or similar article, Jelly. H. I. Kleinberg. 136,782; Dec. 7.
- Molded insulation switch base, One-piece. C. F. Robbins. 136,295; Aug. 31.
- Molding strip, Automobile body trim. L. P. Caplan. 135,948; July 6.
- Monument. A. H. Johnson. 134,927-8; Feb. 2.
- Monument, Memorial. L. A. Whitehouse. 136,765; Dec. 7.
- Monument, Memorial roll. L. A. Whitehouse. 136,764; Dec. 7.
- Monument, Memorial roll. L. A. Whitehouse. 136,766-70; Dec. 7.
- Mopstick. P. Accardi. 136,630; Nov. 9.
- Moth exterminant, Volatile. G. C. Irwin. 136,130; Aug. 10.
- Motion picture screen and carrying case, Combination. A. Shapiro. 134,955; Feb. 2.
- Motor, Electric. G. G. Blumink. 136,349; Sept. 14.
- Motor, Outboard. K. C. Kieckhafer. 135,329; Mar. 23.
- Motor unit, Pneumatic. J. M. Little. 136,743; Nov. 30.
- Motorcycle engine simulating attachment for bicycles. C. W. Redlund. 134,742; Jan. 5.
- Mounting, Picture frame. G. J. Russler. 136,373; Sept. 21.
- Mounting, Ring. C. Birnbaum. 135,243; Mar. 16.
- Mower, Lawn. J. A. Ronning. 135,951; July 6.
- Musical wind instrument. J. R. Gillie. 134,719; Jan. 5.
- Nail or similar article. E. C. Matignon. 135,662; May 11.
- Name plate. W. L. Enghauser. 134,925; Feb. 2.
- Navigation instrument. A. Cameron and V. H. Kidney. 136,707; Nov. 23.
- Nebulizer. R. G. Cheney and B. S. Paschall. 135,468; Apr. 13.
- Necktie. M. Urdang. 136,229-38; Aug. 24.
- Necktie or similar article. M. Urdang. 136,104-5; Aug. 3.
- Necktie-rack or the like. A. R. Brothers. 135,750; June 1.
- Needle, Crochet. H. H. Gray. 136,636; Nov. 9.
- Needle, Photograph. F. E. Williamson. 135,953; July 6.
- Needle. V. Giovagnoni. 135,021; Feb. 9.
- Nightgown. C. Zinaman. 136,053; July 27.
- Nut. H. F. Gade. 134,789; Jan. 12.
- Octant. E. F. Flint. 135,314; Mar. 23.
- Opener, Bottle. F. Mossberg. 136,124; Aug. 10.
- Ornament, Aquarium. A. Greenberg. 134,953-5; Feb. 2.
- Ornament, Automobile. R. V. Franceschi. 135,659; May 11.
- Ornament, Automobile. J. B. Goodie. 136,220; Aug. 24.
- Ornament, Hair. R. Tawdsh. 134,810; Jan. 19.
- Ornament, Headband. L. M. Julian. 136,854; Dec. 14.
- Ornament, Illuminable Christmas. W. Kimmich. 136,448; Oct. 5.
- Ornament or similar article, Desk. J. G. Lipic, Jr. 135,164; Mar. 2.

- Ornament or similar article, Lapel. C. Wandt. 135,121-2; Feb. 23.
- Ornament or similar article, Lapel. C. Wandt. 136,092; Aug. 3.
- Ornament or similar article, Wrist. E. A. Dupin. 136,341; Sept. 14.
- Ornament or the like, Christmas tree. H. Hoffmann. 135,470; Apr. 13.
- Orphrey or similar article. A. Baumgartner. 135,958-9; July 13.
- Oven, Dutch. K. Schneider. 134,877; Jan. 26.
- Oven, or similar article. V. F. Carlucci. 135,860; June 22.
- Package for a slide fastener, Display. P. T. Poutinich. 135,276; Mar. 23.
- Package for fire extinguishing material or similar article. H. G. Hlastert. 135,677; May 11.
- Package, Jewelry. H. A. Long. 136,606; Nov. 23.
- Package or similar article, Folding dispensing. L. L. Salfinger. 136,101; Aug. 3.
- Pad, pencil, and holder therefor, or similar article, Combined memorandum. S. Brodsky. 135,675-6; May 11.
- Pad, Rupture. A. H. Hoffman. 135,737; May 25.
- Pan, Baking. D. Crane. 136,177; Aug. 17.
- Panel for examination lights or similar article, Electrical. D. Conlan. 136,318; Sept. 7.
- Panties or similar article. D. Selver. 134,791; Jan. 12.
- Panty-girdle. E. P. Scriggins. 135,440; Apr. 6.
- Paper or the like, Wrapping. O. Lion. 136,088; Aug. 3.
- Paperweight. N. A. Cannon. 135,388; Mar. 30.
- Paper weight. J. J. Morris. 135,756; June 1.
- Paperweight and stamp dispenser, Combination. F. V. Raymond. 135,645; May 4.
- Partition, Wrapping. J. W. Elder. 135,940-5; July 6.
- Partition structure, Interior. R. J. Myers. 135,362; Mar. 30.
- Paving machine, Portable. V. F. Baumgardner. 135,005; Feb. 9.
- Pedal, Bicycle. W. H. Adams. 136,771; Dec. 7.
- Pen and pencil clip or the like, Fountain. D. Kahn. 135,900; June 29.
- Pen, Fountain. F. M. Ashley. 134,950; Feb. 2.
- Pen, Fountain. N. E. Weigel. 135,498; Apr. 13.
- Penholder or similar article. J. Pleasants. 136,595; Nov. 2.
- Pen holding stand. W. T. Holland. 136,280; Aug. 31.
- Pen section, Fountain. H. M. Morris. 136,074; July 27.
- Pen section or similar article, Fountain. S. M. Sager. 135,448; Apr. 6.
- Pencil, sandglass, timer, and telephone dialer, Combined. E. C. C. Collopy. 136,214; Aug. 24.
- Pendant, Window shade. E. Lindner. 136,672; Nov. 16.
- Perambulator body. J. R. Spurling. 135,993; July 13.
- Photo and match book cover, Combined. S. Altman and F. Silverstein. 135,938; July 6.
- Photograph and correspondence holder, Combined. A. Wolfenberger. 136,822; Dec. 14.
- Photographic mount, H. Engelstein. 134,884; Jan. 26.
- Photographic receiving plaque or similar article. N. Lenz. 134,887; Jan. 26.
- Plano. L. Brenberg. 136,083; Aug. 3.
- Picture and photograph frame, Combined. B. Mahon. 135,120; Feb. 23.
- Plastic, sandwich salad plate, Combined. S. E. Parker. 135,560; Apr. 27.
- Pin. F. H. Bercker. 135,305; Mar. 23.
- Pin, Brooch. A. Kutz. 136,882-3; Dec. 14.
- Pin, Ceramic brooch. E. Handler. 135,100-3; Feb. 23.
- Pin, Ceramic brooch. E. Handler. 135,519-23; Apr. 20.
- Pin, Ceramic brooch. E. Handler. 135,595-6; Apr. 27.
- Pin, Ceramic brooch. E. Handler. 135,221-3; Aug. 24.
- Pin, Ceramic brooch. E. Handler. 136,447; Oct. 5.
- Pin, Ceramic brooch. E. Handler. 136,750; Nov. 30.
- Pin cushion. C. P. Englehardt. 135,280; Mar. 23.
- Pin, Emblem. B. Felsenthal. 135,263; Mar. 16.
- Pin, Emblem. B. Felsenthal. 135,300; Mar. 23.
- Pin, Emblem. B. Felsenthal. 135,380; Mar. 30.
- Pin, Jewelry. M. C. Meyer. 134,888; Jan. 26.
- Pin, Jewelry. M. C. Meyer. 134,977; Inv. 3.
- Pin, Jewelry. M. C. Meyer. 135,301; Mar. 23.
- Pin, Novelty. H. C. Schultz. 136,528; Oct. 19.
- Pin or similar article. J. P. Duffy. 135,517; Apr. 20.
- Pin or similar article. S. Favari. 134,975; Feb. 9.
- Pin or similar article. E. M. Kafka. 135,286; Mar. 23.
- Pin or similar article. L. Kahna. 134,957; Feb. 2.
- Pin or similar article. A. Kalina. 135,615; May 4.
- Pin or similar article. A. D. Laughlin. 135,157; Mar. 2.
- Pin or similar article. V. L. Reid. 135,427; Apr. 6.
- Pin or similar article. R. C. Swain. 135,808; June 8.
- Pin or similar article. N. B. Valliant. 135,531; Apr. 20.
- Pin or similar article, Brooch. S. L. Hiron. 135,653; May 11.
- Pin or similar article, Emblem. W. C. Cookman. 136,723; Nov. 30.
- Pin or similar article, Jewelry. F. H. King. 136,801-2; Dec. 7.
- Pin or similar article, Jewelry. M. C. Meyer. 135,317; Mar. 23.
- Pin or similar article, Jewelry. M. C. Meyer. 136,419-21; Oct. 5.
- Pin or similar article of jewelry. R. J. Klineck. 136,020; July 20.
- Pin or similar article of jewelry. E. T. Lee. 136,466; Oct. 12.
- Pin or the like, Lapel. G. L. Martin. 134,875; Jan. 26.
- Pin, Service. J. H. Williams. 135,162; Mar. 2.
- Pin, Service bar. J. H. Fisher. 135,793; June 8.
- Pipe coupling or similar article, Pliant. I. Rodic. 135,689; May 18.
- Pipe fitting, Elbow. J. E. Stark and E. G. Schmidt. 135,634; May 4.
- Pipe or the like article, Bubble. P. Lazarus. 136,367; Sept. 14.
- Pipe, Smoking. C. Rubin. 136,880-1; Dec. 21.
- Pipe, Smoking. W. N. Snider. 135,868; June 22.
- Pipe, Tobacco. R. F. Blair. 135,046; Feb. 16.
- Pipe, Tobacco. G. R. Comptois. 135,149; Mar. 2.
- Pipe, Tobacco. G. R. Comptois. 135,573; Apr. 27.
- Pitcher or similar article. W. Oehrie. 136,262; Aug. 31.
- Pitcher, Water. A. F. Richards. 136,626; Nov. 9.
- Plancher or the like. H. M. Wertz. 135,74; June 1.
- Plane for use as an attachment to hatchets or similar tools, Carpenter's. J. A. E. Romanoski. 136,555; Oct. 26.
- Plane or similar article, Amphibian cargo. J. Lateana. 136,325; Sept. 7.
- Plaque. A. Shirlin. 135,209; Mar. 9.
- Plaque base or the like. G. E. Gaston and H. Stilwell. 135,264; Mar. 16.
- Plaque, Victory star. F. J. O'Connor. 136,561; Oct. 26.
- Plaque, Honor roll. P. G. Rosier. 135,289; Mar. 23.
- Plaque or similar article. B. B. Flint. 134,885; Jan. 26.
- Plaque or similar article. H. B. Tabor. 136,391; Sept. 21.
- Plaque, Religious. C. W. Brennan. 134,856; Jan. 26.
- Plaque, Service. C. W. Hellberg. 135,221; Mar. 9.
- Plaque, Victory star. J. S. Jacobs. 135,288; Mar. 23.
- Plastic unit for use on handbags or the like. I. Jolles. 135,729; May 25.
- Plate for a leveling instrument, Face. S. Aronoff. 135,194; Mar. 9.
- Plate or the like. M. Gougler. 136,255; Aug. 31.
- Plate or the like. M. Gougler. 136,776; Dec. 7.
- Plate or the like, Glass. C. T. Sloan. 134,962; Feb. 2.
- Playsuit. A. M. Katz. 136,876; Dec. 21.
- Play suit. J. Walker. 136,860; Dec. 14.
- Playsuit or similar article. B. Scham. 135,815; June 15.
- Plug, Electrical connector. T. M. Urell. 136,190; Aug. 17.
- Plug, Screw. W. J. Janning. 136,659; Nov. 16.
- Pocketbook and shopping bag, Combined. E. Foret. 136,679; Nov. 16.
- Portfolio. J. G. Rouner. 135,892; June 29.
- Portfolio. Correspondence. I. Weinger and S. Widder. 135,393; Mar. 30.
- Post, Binding. F. J. Coppola. 135,640; May 4.
- Poster, Emblematic. P. Merton. 135,062; Feb. 16.
- Pot, Flower. G. A. Grau. 136,358; Sept. 14.
- Poultry picking machine. F. Corey and M. J. Fletcher. 135,668; May 11.
- Powder bellows. M. H. Hirschfeld. 135,026; Feb. 16.
- Power set, Engine-driven plural-electric-generator. C. J. Holsag. 135,648; May 11.
- Press, Hydraulic. H. V. Mills. 135,821; June 15.
- Presser foot, Transparent sewing machine. V. Lains. 135,390; Mar. 30.
- Printing telegraph cabinet unit. W. J. Zenner and R. A. Larsson. 134,738; Jan. 5.
- Projector housing. W. A. Lebus. 135,917; July 6.
- Projector, Motion picture. C. Karstadt. 136,623; Nov. 9.
- Propeller, Fan. H. Lee. 136,162; Aug. 17.
- Propeller, Swimming. H. L. Messinger. 135,331; Mar. 23.
- Protector, Finger nail. J. A. Belmonte and A. E. Shagen. 136,030; July 20.
- Pump, Hydraulic. M. W. Wallis. 136,897; Dec. 21.
- Pump, Vane. W. R. Tucker. 135,483; Apr. 13.
- Purse. H. P. Behrman. 136,425; Oct. 5.
- Purse. N. and M. Sloane. 136,603; Nov. 2.
- Puzzle. F. P. Davis. 136,622; Nov. 9.
- Puzzle. J. W. Druke. 135,848; June 22.
- Puzzle board. J. A. Nevins. 135,743; June 1.
- Rack and pinion assembly. T. G. Gerow. 136,128; Aug. 10.
- Rack, Clothes-drying. K. E. Luzer. 136,015; July 20.
- Rack, Curtain display. A. Bersin and L. Samuels. 135,812; June 15.
- Rack for belts or the like, Display. W. L. Burkhard. 136,158; Aug. 17.
- Rack for kitchen or laboratory utensils or the like. C. J. Hurschler. 136,831; Dec. 14.
- Rack, Garment. H. B. Beidler. 134,854-5; Jan. 26.
- Rack, Garment. H. B. Beidler. 135,771; June 8.
- Rack, Garment. E. A. Magnuson. 135,241; Mar. 16.
- Rack, Knife. A. E. Rosenberg. 134,930; Feb. 2.
- Rack, Magazine. W. G. Gray. 135,556; Apr. 27.
- Rack, Magazine. A. V. Matfies. 136,051; July 27.
- Rack, Phonograph record. H. Colburn. 136,654; Nov. 16.
- Rack, Shovel. A. P. Zetterberg. 135,657; May 11.
- Rack, Tie. A. Waterman. 135,467; Apr. 13.
- Rack, Tie. W. G. Williams. 135,589; Apr. 27.
- Rack, Tie. W. G. Williams. 135,656; May 11.
- Rack, Vacuum cleaner. H. S. Morris. 135,982; July 13.
- Rack, Work-holding. J. E. Hagstrom. 135,832; June 15.
- Radio, clock, and table lamp, Combined. W. J. Henken. 135,285; Mar. 16.

- Radio device, Portable. D. H. Mitchell. 135,540; Apr. 20.
- Radio receiver and clock casing, Combined. R. D. Budlong. 136,827; Dec. 14.
- Raincoat. M. Parnis. 136,450; Oct. 5.
- Rake head. V. J. Johnson. 136,519; Oct. 19.
- Razer. A. N. McLeod. 136,508; Oct. 12.
- Razor blade. J. R. Ayette. 135,921; July 6.
- Razor case or similar article, Safety. P. A. Derham. 136,773; Dec. 7.
- Receptacle, Ash. G. E. J. Alexander. 135,567; Apr. 27.
- Receptacle for fire extinguishing material. A. Luz. 136,318; Sept. 7.
- Receptacle for grindings or the like, Collecting. F. E. Hart. 134,422; Jan. 26.
- Receptacle for toothbrushes and the like. A. T. Winner. 135,552; Apr. 20.
- Recondor frame. R. G. Leitner and W. K. Richer. 136,892; Dec. 21.
- Recondor, Portable. R. G. Leitner and W. K. Richer. 136,796; Dec. 7.
- Reed for musical instruments. E. J. Pitchhorn. 135,338; Mar. 30.
- Reel, Clotheshine. M. A. Le Veck. 136,782; Dec. 7.
- Refrigerator. E. Arens. 135,332; Mar. 30.
- Refrigerator. R. B. James. 135,274-5; Mar. 23.
- Regulator and indicator or similar article, Combined air gauge. F. W. Kuppensmith. 136,369; Sept. 21.
- Regulator, Temperature. W. H. Geddes. 135,682; May 11.
- Regulator, Voltage. M. Debrey. 136,317; Sept. 7.
- Relay. L. E. Massie. 136,187; Aug. 17.
- Relay, Vacuum. W. W. Eltel and J. A. McCullough. 135,252; Mar. 16.
- Removal hood and lighting fixture, Combined fumes. M. Cohen and G. A. Jorgensen. 136,653; Nov. 16.
- Rib for attachment to insides, Sewing. W. C. Wright. 136,226; Aug. 24.
- Ring. R. S. Hartness. 136,481; Oct. 12.
- Ring. W. C. Broas. 135,116; Feb. 23.
- Ring. E. O. Crocker. 135,829; June 15.
- Ring. B. Pereira. 135,038; Feb. 16.
- Ring. B. Pereira. 135,259; Mar. 16.
- Ring. A. H. Saucer. 135,581; Apr. 27.
- Ring. J. Simmons. 135,223; Mar. 9.
- Ring, Cigarette holder. J. M. Beck. 135,700; May 18.
- Ring cigarette holder. G. E. Carson. 135,032; Feb. 16.
- Ring, Finger. H. J. Bihari. 135,352; Mar. 30.
- Ring, Finger. J. Blumstein. 136,138; Aug. 10.
- Ring, Finger. E. Klein. 136,344; Sept. 14.
- Ring, Finger. A. Pariel. 135,222; Mar. 9.
- Ring, Finger. A. Sager. 136,136; Aug. 16.
- Ring, Finger. A. Sager. 136,401; Sept. 28.
- Ring, Finger. W. Seeman. 135,821; June 15.
- Ring for an instrument casing, Retaining. R. I. N. Weingart. 136,825; Dec. 7.
- Ring or similar article. B. Pereira. 135,268; Mar. 16.
- Ring or similar article, Finger. A. Elkoni. 134,934; Feb. 2.
- Ring or similar article, Finger. A. Elkoni. 136,621; Nov. 9.
- Ring or similar article, Finger. H. B. Sachs. 136,698; Nov. 23.
- Ring or the like. W. Lampl. 136,037-9; July 20.
- Ring, Tossing. P. D. Dodge. 135,740; June 1.
- Robe. A. N. Richman. 136,805-6; Dec. 7.
- Robe or similar article, Separable. V. R. Allen. 135,135; Mar. 2.
- Rock dusting apparatus, Mine. R. H. Van Vactor. 136,297-8; Aug. 31.
- Rocker, Child's collapsible. W. R. Reach. 136,165; Aug. 17.
- Rosary or similar article, Religious. F. X. Smith. 135,693; May 18.
- Rosary plaque. E. F. Brennan. 134,793; Jan. 12.
- Rotary polishing and burnishing machine. W. R. Redd. 134,893; Jan. 26.
- Rotisserie and display device, Combined. C. Williams. 136,597; Nov. 2.
- Rug or similar article. M. Sadinoff. 135,914; July 6.
- Rule. M. Reiter. 136,673; Feb. 16.
- Rule. W. J. Turner. 135,418; Apr. 6.
- Ruler, Parallel. J. Nash. 136,423; Oct. 5.
- Sandal, Flexible. B. D. Huff. 135,155; Mar. 2.
- Sandal or similar article. J. Meltzer. 136,513; Oct. 19.
- Scale. P. J. Kircher. 136,435; Oct. 5.
- Scale, Icterus index color. J. Ungar. 136,127; Aug. 10.
- Scale template or the like, Engineer's. J. E. Duckman. 136,395; Feb. 21.
- Scarf, Head. E. Goodman. 136,097; Aug. 3.
- Scarf or similar article. E. Herzfeld. 134,999; Feb. 9.
- Scarf or similar article, Table. R. C. Oppenheim. 135,065; Feb. 16.
- Scarf or similar article, Table. R. C. Oppenheim. 135,187; Mar. 9.
- Scarf or similar article, Table. R. C. Oppenheim. 135,438; Apr. 6.
- Scarf or similar article, Table. S. J. Oppenheim. 136,067; July 27.
- Scarf, Separable fur. J. Zimmerman. 135,420; Apr. 6.
- Scarf, Vestee. L. Louis. 136,680; Nov. 16.
- Schedule recording board. D. E. O'Sullivan. 134,740; Jan. 5.
- Scooter. A. Parke. 135,159; Mar. 2.
- Scraper or similar article, Corn. S. T. Mizelle, Jr. 135,587; Apr. 27.
- Screen and seat. Combination fire. R. L. Cook. 135,298; Mar. 23.
- Screen, Automobile ventilator insect. J. C. Mullner. 136,527; Oct. 19.
- Screw driver and nail extractor, Combined. T. Rea. 136,804; Dec. 7.
- Screwdriver or similar article. B. Magee. 135,918; July 6.
- Screw machine. W. E. Joyce, W. H. Himes, and D. I. Wilson. 134,109; Feb. 23.
- Scrubber, Diaper. R. H. Kingdon. 136,715; Nov. 23.
- Seat, Infant's toilet. M. Small. 136,821; Dec. 7.
- Sedan cruiser. A. R. Gross. 134,903; Jan. 26.
- Sedimentation apparatus, Micro blood. J. Brandenburg. 136,377; Sept. 21.
- Separator, Egg. J. Clark. 136,251; Aug. 31.
- Servant and toaster cover, Combination toast. R. I. Felver. 136,202; Aug. 24.
- Set of game pieces. F. O. Paige. 136,454; Oct. 5.
- Set of playing cards. E. H. Kieser. 136,763; June 1.
- Set of poker chips. J. F. Cooper. 136,394; Sept. 21.
- Settee. F. Mastrangelo. 135,287; Mar. 23.
- Setting for rings, Stone. J. Karlan. 135,987; July 13.
- Sewing machine. M. S. Park. 136,397; Sept. 21.
- Shade, Folding lamp. A. K. Lueders. 135,496; Apr. 13.
- Shade, Lamp. W. Hansen. 136,266; Aug. 31.
- Shaker, Combined salt and pepper. H. L. Ross. 130,081; Aug. 3.
- Shaker for salt and pepper. G. D. Adams. 136,174; Aug. 17.
- Shaker for salt and pepper. R. V. Ganz. 135,785; June 1.
- Shaker, Salt. W. L. Hickman. 135,273; Mar. 23.
- Shaping machine or the like, Attachable. R. F. Bannow and M. Wahlstrom. 136,019; July 20.
- Sharpener for razor blades. W. Grilles. 135,029; Feb. 16.
- Sharpener, Knife. H. M. Staley. 135,441; Apr. 6.
- Sharpener, Razor blade. J. A. Royall. 135,471; Apr. 13.
- Shaping device for flexible safety razor blades. W. A. Smith. 136,858; Dec. 1.
- Shawl and head covering, Combined. R. M. Wolfe. 134,970; Feb. 2.
- Shearing device, Sheep. V. A. Wilcox. 135,846; June 22.
- Sheet and envelope, Combined message. F. W. Baumgartner. 135,718; June 1.
- Shelf, Hanging. A. Waterman. 136,722; Nov. 30.
- Shield, Eye. J. E. Du Bois. 136,378-9; Sept. 21.
- Shield, Eye. S. Ghinsberg. 135,877; June 29.
- Shield for automobile headlights, Dim-out. N. Cooper. 135,482; Apr. 13.
- Shield, Light. R. G. Nordquist. 136,026; July 20.
- Shingle, Roofing. O. A. Bigler and M. S. Larsson. 136,465; Feb. 16.
- Shingle, Roofing. D. B. Humphrey. 135,035; Feb. 16.
- Shipping and display container, Combined. D. A. Larkin. 135,834; June 15.
- Shirt. S. Epstein. 134,838; Jan. 19.
- Shirt or similar article. F. H. O'Hara. 134,785; Jan. 12.
- Shoe. M. J. Bernstein. 135,811; June 15.
- Shoe. W. Birenbaum. 136,076; Aug. 3.
- Shoe. D. S. Cohen. 135,082; Feb. 23.
- Shoe. G. A. Gleason. 136,408; Sept. 28.
- Shoe. M. and C. A. Julianelli. 134,781-3; Jan. 12.
- Shoe. J. Sandler. 135,866; June 22.
- Shoe. H. L. Sutcliffe. 135,087; Feb. 23.
- Shoe. H. L. Sutcliffe. 135,142; Mar. 2.
- Shoe. H. L. Sutcliffe. 135,193; Mar. 9.
- Shoe, Baby's. G. Crawford. 136,615; Nov. 9.
- Shoe, Infant's. M. H. Baundestel. 136,614; Nov. 9.
- Shoe or similar article. M. Kaufmann. 136,337; Sept. 14.
- Shoe or similar article. K. Keyes. 136,742; Nov. 30.
- Shoe or similar article. S. Zide. 134,822; Jan. 19.
- Shoe or the like. G. Codish. 135,962-3; July 13.
- Shoe rack. E. H. Zimmerman. 135,888; June 29.
- Shoe, Rubber. G. H. Bingham, Jr. 135,238; Mar. 16.
- Shoe sole. E. C. Beebe. 135,791; June 8.
- Shoe sole. R. Herron. 136,065; July 27.
- Shoe sole. A. A. Kotzin. 135,156; Mar. 2.
- Shoe sole and heel, Combined. H. Clausung. 134,932; Feb. 2.
- Shower head or similar article. A. G. Tompkins. 134,735; Jan. 5.
- Shrine. A. Ochs. 135,363; Mar. 30.
- Shrine or the like, Home. M. Schechter. 135,582; Apr. 27.
- Sign board. L. F. Van Schuck. 134,871; Jan. 26.
- Sign, Bowling. J. A. Rohan, Jr. 135,764; June 1.
- Sign, Portable. J. B. Cottell. 135,765; May 18.
- Sign or the like. J. N. Baines. 135,279; Mar. 23.
- Sign or the like, Advertising. M. M. Gafr. 135,281; Mar. 23.
- Signal lights staff. D. Conlan. 135,290; Mar. 23.
- Sink, Cabinet. D. E. Anderson. 135,024; Feb. 16.
- Skate, Ice. S. G. McCullough. 135,462; Apr. 13.
- Skate, Roller. J. S. Yull. 134,931; Feb. 2.
- Skillet. L. Poglein. 135,977; July 13.

- Skillet. K. Schneider. 135,348; Mar. 30.
 Skirt. A. Heyman. 135,819; June 15.
 Skirt. H. Zuckerman. 135,494; Apr. 13.
 Skirt, Wrap-around. E. J. Gerli. 135,872; June 22.
 Slip bedspring, Flexible. M. H. Pulford. 135,887; June 29.
 Slicing machine. E. H. Arens and T. C. Brookhart. 135,739; June 1.
 Slip. M. Brown. 135,006; Feb. 9.
 Slip. M. Brown. 135,869; June 22.
 Slip. M. Brown. 136,516; Oct. 19.
 Slip. S. Wolf. 135,989; July 13.
 Slip. S. Wolf. 136,417; Sept. 28.
 Slip. M. Zinaman. 135,431; Apr. 6.
 Slip or similar article. F. Hawkes. 135,701; May 18.
 Slip or similar article, Lady's. I. Wasserman. 135,269; Mar. 16.
 Slipper. H. E. Hanson. 135,339; Mar. 30.
 Slipper. K. Keyes. 136,913; Dec. 28.
 Slipper. A. E. Pfeiffer. 135,084; Feb. 23.
 Slipper and sock, Combined. W. Sherman. 135,432; Apr. 6.
 Slipper or like article. M. Fox. 134,777; Jan. 12.
 Snock or similar article. C. M. Eich. 135,137; Mar. 2.
 Soap, Cake of. G. D. Voorhis. 134,872; Jan. 26.
 Sock or similar article. L. S. Herbert. 136,929; Dec. 28.
 Sock or similar article. L. S. Herbert. 136,945; Dec. 28.
 Sole and heel of a shoe, Combined. H. L. Pierson. 135,347; Apr. 30.
 Sole or similar article, Shoe. H. and O. Ghez. 136,381; Sept. 21.
 Sound amplification unit, Portable. W. C. Cottrell, Jr. 135,104; Feb. 23.
 Sound amplification unit, Portable. W. C. Cottrell, Jr., A. B. Gansert, Jr., and M. J. Shapp. 135,150; Mar. 2.
 Spat. G. H. Bingham, Jr. 135,909; July 6.
 Speaker-microphone and control unit, Combined. C. W. Dann. 135,320; Mar. 23.
 Spectacle frame or similar article. I. Fishberger. 134,976; Feb. 9.
 Spectacle front. J. J. Pomeranz. 135,992; July 13.
 Spectacles, Pair of. E. B. Gansert. 135,342; Sept. 14.
 Spectacles, Pair of. A. B. Chaney. 136,096; Aug. 3.
 Spectacles, Pair of. F. B. Neary. 135,140; Mar. 2.
 Spectacles, Pair of ophthalmic. H. Stolper. 135,600; Apr. 27.
 Spoon holder, thimble, and scissors, Combined. E. R. Morando. 136,763; Nov. 30.
 Spoon, Mixing. H. Gamache. 136,343; Sept. 14.
 Spoon or other article of flatware. R. E. Berg. 135,960-1; July 13.
 Spoon or other article of flatware. J. R. Price. 135,843-4; June 22.
 Spoon or similar article. N. A. Allo. 136,418; Oct. 5.
 Spoon or similar article. F. W. Koonz. 135,461; Apr. 13.
 Spoon for bottles, Pouring. A. M. Mazzarelli. 135,796; June 8.
 Sput, Bung. C. C. Voglesong. 136,321; Sept. 7.
 Stake, Tent. D. A. Wallace. 135,584; Apr. 27.
 Stamp button or similar article. C. B. Keiser. 134,784; Jan. 12.
 Stamp vending device or similar article, Defense. C. A. Ryones. 136,194; Aug. 17.
 Stand and electric fan, Combined. A. F. Fukal. 134,758; Jan. 5.
 Stand and induction device for telephones, Combined. L. D. Norton. 135,891; June 29.
 Stand and perfume bottles, Combined. A. R. Botham. 135,484-8; Apr. 13.
 Stand, Display. D. Marovich. 135,558; Apr. 27.
 Stand, Display. D. A. McCowan. 135,205; Mar. 9.
 Stand, Display. M. C. Meyer. 134,861; Jan. 26.
 Stand, Display. P. M. Hessinger. 136,938; Dec. 14.
 Stand, Flng. C. A. Gearing. 134,995; Feb. 9.
 Stand, Glove display. A. L. Whisler. 135,277; Mar. 23.
 Stand or similar article, Display. J. Halpern. 136,582; Nov. 2.
 Stand or similar article, Display. J. Halpern. 136,901; Dec. 28.
 Stand, Purveying. C. Coll. 135,017; Feb. 9.
 Stand, Smoking. H. Lachman. 136,257; Aug. 31.
 Stand, Smoking. M. J. Fletcher. 135,198; Mar. 9.
 Stand, Wall plate. C. Pinkus. 136,803; Dec. 7.
 Starter, Engine. R. M. Heintz. 136,800; Dec. 7.
 Statuette. A. Basescu. 135,608; May 4.
 Statuette. N. Falardo. 136,531-2; Oct. 19.
 Statuette. W. Frisch. 135,931; July 6.
 Statuette. B. C. Halpern. 136,734; Nov. 30.
 Statuette, Invertible. L. Obstfeld. 134,821; Jan. 19.
 Statuette or similar article. V. H. Tabor. 135,583; Apr. 27.
 Strap, Chin. D. M. Ackerman. 135,728; May 25.
 Steamer, Hat. R. C. Utley and A. Feilchenfeld. 135,680; May 11.
 Stereoscope, Pocket. R. Chadkin. 135,378; Mar. 30.
 Sterilizer or the like, Portable. C. B. Stevens. 135,542; Apr. 20.
 Sterilizer, Ultraviolet. R. A. Hrabak. 135,253-6; Mar. 16.
 Stirrer or the like, Clothes washing. F. B. Manning. 136,661; Nov. 16.
 Stocking. F. E. Frost. 135,810; June 8.
 Stocking. R. E. Tilles. 135,947; July 6.
 Stocking. J. Leszczynski and R. J. Bouscher. 136,000; July 13.
 Stocking. J. Walker. 136,442; Oct. 5.
 Stool or similar article. H. Birsch. 136,926; Dec. 28.
 Stool and coffee table, Combination. F. Kramer. 136,694; Nov. 23.
 Stool or similar article. G. G. Crandall. 136,719; Nov. 30.
 Stopper for bottles, Sealing. G. N. Mas. 136,627; Nov. 9.
 Stove, Cooking. H. J. Moon. 134,798; Jan. 12.
 Strap, Cheek. J. D. Padgett. 136,320; Sept. 7.
 Strap, Wrist watch. N. A. Mercer. 136,736; Nov. 30.
 Strap, Wrist watch. H. J. Seager. 136,558; Oct. 26.
 Straw or similar article, Drinking. J. Duberstein. 134,914-16; Jan. 26.
 Stretcher, Fence. J. W. Jones. 136,536; Oct. 19.
 Stringer, Slide fastener. M. Norkin. 136,125; Aug. 10.
 Strip for fabric covered structures, Plastic bonding. C. F. Marschner. 135,578; Apr. 27.
 Stroter, Folding. L. Kolker. 136,914; Dec. 28.
 Suit. S. Etkin. 134,971; Feb. 2.
 Suit. N. Finkelstein. 134,839; Jan. 19.
 Suit. E. Goldfield. 134,946; Feb. 2.
 Suit. A. Gruber. 135,902; June 29.
 Suit. A. Gruber. 135,911-12; July 6.
 Suit. A. Gruber. 136,610-13; Nov. 2.
 Suit. A. Gruber. 136,637-8; Nov. 9.
 Suit. A. Gruber. 136,871; Dec. 21.
 Suit. M. Parnis. 136,554; Oct. 26.
 Suit, Lady's. S. Kuznetz. 135,903; June 29.
 Suit, Lady's. S. Kuznetz. 136,115-16; Aug. 3.
 Suit, Lady's. F. Land. 135,330; Mar. 23.
 Suit or similar article, Bathing. M. J. Miles. 135,670; May 11.
 Suit, Sack. Z. Harpignies. 136,559; Oct. 26.
 Suit, Slacks. M. Kay. 135,863; June 22.
 Suit, Work. J. M. Fauth. 134,757; Jan. 5.
 Support and display unit, Cross. R. F. Brennan. 134,993; Feb. 9.
 Support and hanger, Combined easel. I. Frollick. 136,372; Sept. 21.
 Support for a table tennis net. P. C. P. Booty. 135,915; July 6.
 Support, Mailbox. W. L. Engshauser. 134,951; Feb. 2.
 Supporter, Hose. L. Zavolner. 135,278; Mar. 23.
 Supporting device for a dish, plate, or the like. H. D. Noel. 136,462; Oct. 12.
 Suspenders. L. R. Ryan. 135,563; Apr. 27.
 Sweater. J. Walker. 136,443; Oct. 5.
 Swing. W. I. Smith. 135,694; May 18.
 Swing. W. I. Smith. 136,304; Sept. 7.
 Swing. W. I. Smith. 136,737; Dec. 7.
 Swing, Exercising. T. D. Shumaker. 136,786; Dec. 7.
 Switch, Electric. R. Popp. 136,455-6; Oct. 5.
 Switch or similar article, Flame operated. H. C. Grant, Jr., and E. Du Pont. 135,444; Apr. 6.
 Syringe, Suction. P. W. Saunders. 136,556; Oct. 26.
 T-pipe fitting. J. E. Stark and E. G. Schmidt. 135,633; May 4.
 Table. E. J. Hammock. 136,583; Nov. 2.
 Table. G. H. Mildwolf. 135,508; Apr. 20.
 Table. C. E. Waltman. 134,725; Jan. 5.
 Table. C. E. Waltman. 134,978; Feb. 9.
 Table, Barbecue. N. P. Miller. 135,975; July 13.
 Tablecloth, Lace. F. G. Hobden. 135,012; Feb. 9.
 Tablecloth or similar article. C. I. Betesh. 135,637-8; May 4.
 Tablecloth or similar article. C. I. Betesh. 135,907-8; July 6.
 Tablecloth or similar article. C. I. Betesh. 136,045; July 27.
 Tablecloth or similar article. M. Setton. 136,052; July 27.
 Table, Over-bed. W. A. Hillenbrand. 135,340-1; Mar. 30.
 Table, Over-bed. W. A. Hillenbrand. 135,507; Apr. 20.
 Tag, M. and J. Levine. 136,411; Sept. 28.
 Tailstock. J. Srofe. 136,402; Sept. 28.
 Tailstock for lathes. W. M. McConnell. 135,904; June 29.
 Tank vehicle. A. F. Meyer. 136,701-5; Nov. 23.
 Taper attachment conversion rule. W. F. Groene and H. F. Stoffregen. 136,712; Nov. 23.
 Teapot or article of similar nature, Swinging. W. I. Tyner. 134,811; Jan. 19.
 Teether. P. E. Allen. 136,206; Aug. 24.
 Teething device. R. S. Clafin. 135,685; May 18.
 Teething device. R. S. Clafin. 136,301; Sept. 7.
 Telephone, Loud-speaking. G. M. Giannini. 135,389; Mar. 30.
 Telephone, Loud-speaking. G. M. Giannini. 135,401; Mar. 30.
 Telephone receiver, Auxiliary. L. S. Scher. 135,303; Mar. 23.
 Telephone set, Loud-speaking. G. M. Giannini. 135,495; Apr. 13.
 Telescope or the like. M. Rapaport. 135,561; Apr. 27.
 Template, Draftsman's welding symbol. K. L. Eilert. 136,655; Nov. 16.
 Temple member for spectacles or similar article. E. Reynolds. 135,141; Mar. 2.
 Terminal block for electrical connections. E. R. Kulka. 136,608; Nov. 2.

- Textile fabric or similar article of manufacture. W. G. Tibbrook. 136,748; Nov. 30.
- Thermometer. H. B. Brown. 135,590; Apr. 27.
- Thimble. J. E. Smith. 134,920; Jan. 26.
- Thread dispenser or the like. C. B. Stevens. 134,724; Jan. 5.
- Tieback, Mirror headed curtain. W. Lyons. 136,217; Aug. 24.
- Tie rack. C. W. Jorgensen and W. A. Odencrantz. 136,900; Dec. 28.
- Tile. E. Esson. 136,666; Nov. 16.
- Tile. E. Esson. 136,928; Dec. 28.
- Tire chain applying device or similar article. W. H. Kaltreider. 135,730; May 25.
- Tire, Non-skid. E. Hayes. 135,851; June 22.
- Tire tool. L. M. Taylor. 134,799; Jan. 12.
- Toilet seat, Child's folding. P. E. Dunn. 135,469; Apr. 13.
- Toilet seat hinge. W. D. Schultz. 134,986; Feb. 9.
- Tool, Combination. J. Feldbin. 135,574; Apr. 27.
- Tool, Combination. A. H. Wijlman. 135,759; June 1.
- Tool, Driving. G. M. Graham. 136,179; Aug. 17.
- Tool for removing slate and asbestos shingles. B. M. Joyner. 136,668; Nov. 16.
- Tool for applying index clips. J. Flynn. 136,072; July 27.
- Tool holder and cutting device for lathes, Combined. A. J. Havas. 136,502; Oct. 12.
- Tool, Hubcap. W. H. Otto. 135,426; Apr. 6.
- Tool unit, Portable electric motor-driven. W. K. Beckwith. 136,465; Oct. 12.
- Tool, Wire clamping. L. T. Paulson. 136,818; Dec. 7.
- Tool, Wire fence. A. D. Duncan. 136,407; Sept. 28.
- Toothbrush. B. Bernard and B. W. Kirschner. 136,632; Nov. 9.
- Toothbrush. C. W. Fuller. 136,156; Aug. 10.
- Toothbrush. R. W. Robinson. 136,463; Oct. 12.
- Toothbrush, case, and dentifrice container, Combined. P. G. Watt. 136,566; Oct. 26.
- Toothbrush, case, and dentifrice holder, or the like, Combined. H. Rikshelm. 134,723; Jan. 5.
- Toothbrush or similar article. B. Bernard and B. W. Kirschner. 136,631; Nov. 9.
- Torch, Acetylene. D. H. Black. 136,207; Aug. 24.
- Towel and wash cloth rack or similar article, Combined. T. L. Williams. 136,204; Aug. 31.
- Tower for tanks or the like, Supporting. D. Ordling and L. S. Vahley. 134,961; Feb. 2.
- Toy. P. G. Garcia. 136,869; Dec. 21.
- Toy. J. E. Gibson. 135,849; June 22.
- Toy. S. M. Hall. 136,733; Nov. 30.
- Toy. T. J. Parker. 135,295; Mar. 23.
- Toy. A. P. Schmidt and A. De Rose. 136,339; Sept. 14.
- Toy. E. G. Stalnaker. 135,094; Feb. 23.
- Toy airplane. S. J. Peers. 135,717-18; May 25.
- Toy airplane and projector therefor, Combined. S. J. Peers. 135,719; May 25.
- Toy animal. K. R. Gels. 135,200; Mar. 9.
- Toy animal figure. M. Siebel. 135,776; June 8.
- Toy animal unit, Stuffed. B. F. Michtom. 135,355-6; Mar. 30.
- Toy boat. F. J. Preeshl. 136,028; July 20.
- Toy cannon. M. Jarnagin. 136,709; Nov. 23.
- Toy cart. R. C. Flynt. 136,725; Nov. 30.
- Toy cart. R. C. Flynt. 136,726; Nov. 30.
- Toy cart. V. C. Kenney. 136,835-6; Dec. 14.
- Toy cradle, Knockdown. J. K. Makrianes. 136,066; July 27.
- Toy figure. I. D. Gindhart, Jr. 135,575; Apr. 27.
- Toy figure. E. F. Rebholz. 136,046; July 20.
- Toy figure. L. B. Somersett. 135,069; Feb. 16.
- Toy figure or similar article. E. F. Rebholz. 135,879; June 29.
- Toy figure or similar article. E. F. Rebholz. 136,918-22; Dec. 28.
- Toy glider. A. Horback. 136,013; July 20.
- Toy gun. K. A. Duncan. 136,724; Nov. 30.
- Toy gun. S. L. Leider. 135,774; June 8.
- Toy locomotive. J. P. Donahue. 136,731; Nov. 30.
- Toy machine gun. H. U. Dernel. 136,738; Nov. 30.
- Toy machine gun. R. C. Flynt and U. K. Butler. 134,773; Jan. 12.
- Toy or similar article, Stuffed. J. Swedlin. 135,490-1; Apr. 13.
- Toy or similar article, Stuffed. J. Swedlin. 135,881; June 29.
- Toy or the like, Figure. T. Lamb. 135,267; Mar. 16.
- Toy or the like, Figure. T. Lamb. 135,382; Mar. 30.
- Toy, Riding stick. E. C. Bartholomew. 136,250; Aug. 31.
- Toy rocking horse. V. C. Kenney. 136,834; Dec. 14.
- Toy submarine gun. F. W. Shoemaker. 136,924; Dec. 28.
- Toy trunk. I. Markham. 136,915; Dec. 28.
- Toy vehicle. C. W. Judd. 135,424; Apr. 6.
- Toy vehicle. W. N. Wheeler. 136,538; Oct. 19.
- Toy wheelbarrow. V. C. Kenney. 135,725; May 25.
- Trailer. R. J. Elkus. 135,711; May 25.
- Tray and safety match holder, Combined ash. M. Mayer. 135,934; July 6.
- Tray and wrapping paper unit, Combined jewelry display. C. Weissman. 135,512; Apr. 20.
- Tray, Ash. M. Britz. 135,245; Mar. 16.
- Tray, Ash. C. E. Connor. 135,248; Mar. 16.
- Tray, Ash. G. R. Penn. 135,597-8; Apr. 27.
- Tray, Ash. W. E. Powers. 135,900; June 29.
- Tray, Ash. C. T. Sloan. 134,967; Feb. 9.
- Tray, Cigarette. M. J. Fletcher. 135,291; Mar. 23.
- Tray, Coin. G. L. Allen. 135,695; May 18.
- Tray, Food. R. V. Stambaugh. 134,947; Feb. 2.
- Tray for drinking glasses. J. S. Hall. 136,434; Oct. 5.
- Tray, Infant's weaning. F. C. Johnstone. 135,524; Apr. 20.
- Tray or analogous article, Letter. R. W. Clark. 136,711; Nov. 23.
- Tray or similar article, Tool. W. W. White. 135,108; Feb. 23.
- Tread member for shoes, V-shaped. H. and O. Ghez. 136,208; Aug. 24.
- Tree, Artificial Christmas. A. P. Schmid. 135,823; June 15.
- Tree, Shoe. James B. Mutch. 135,936; July 6.
- Triangle, Parallel. A. E. Tripp. 136,090; Aug. 3.
- Tricycle, Convertible. J. Wozniak. 135,929; July 6.
- Trimming. A. Bloom. 136,375; Sept. 21.
- Trimming, Embroidered. J. Goldfrank. 135,049; Feb. 16.
- Trimming, Embroidered. J. Goldfrank. 135,163; Mar. 2.
- Trimming, Embroidered. J. Goldfrank. 135,182-3; Mar. 9.
- Trimming or similar article, Embroidered. O. Hallbauer. 135,967-8; July 13.
- Trimming or similar article, Embroidered. N. M. Rosenbaum. 134,969; Feb. 2.
- Trimming or similar article, Embroidered. H. Scheer. 136,674-5; Nov. 16.
- Trimming or similar article, Embroidered. H. Tobler. 136,211; Aug. 24.
- Trimming or similar article, Embroidered. H. Tobler. 136,340; Sept. 14.
- Trimming or similar article, Embroidered. H. Tobler. 136,841; Dec. 14.
- Trimming or similar article, Embroidered. H. Tobler. 136,865-7; Dec. 21.
- Trimming or similar article, Embroidered. H. Tobler. 136,907-8; Dec. 28.
- Trimming or the like, Embroidered. H. Tobler. 136,168-71; Aug. 17.
- Trouser-skirt. V. Giovagnoni. 135,642; May 4.
- Truck, Industrial. T. B. Funk. 135,400; Mar. 30.
- Truck, Industrial. G. Holland and H. J. Framhein. 136,820; Mar. 21.
- Tube and dispensing closure therefor, Combined collapsible. W. H. Burke. 135,246; Mar. 16.
- Tube, Collapsible. W. A. Roselle. 136,477; Oct. 12.
- Tube, Electron discharge transmitting. W. G. Wagener and C. H. Sphar. 135,480-1; Apr. 13.
- Tube, Vacuum. W. W. Eitel and J. A. McCullough. 135,792; June 8.
- Tube, Vacuum. W. W. Eitel and J. A. McCullough. 135,801; June 8.
- Tube, Vacuum. W. W. Eitel and J. A. McCullough. 135,854-6; June 22.
- Tube, Vacuum. W. W. Eitel and J. A. McCullough. 136,380; Sept. 21.
- Tube, Vacuum. W. W. Eitel and J. A. McCullough. 136,732; Nov. 30.
- Tumbler or similar article, Glass. E. S. Lynch. 136,520; Oct. 19.
- Tumbler or similar article, Glass. C. T. Sloan. 135,297; Mar. 23.
- Typewriting machine. J. J. Kittel. 136,751-2; Nov. 30.
- Typewriting machine. J. J. Kittel. 136,761; Nov. 30.
- Uniform. A. M. Berger. 135,901; June 29.
- Utility holder, Needle workers'. M. F. Corder. 146,276; Aug. 31.
- Vacuum cleaner attachment kit. G. R. Coss. 134,827; Jan. 19.
- Vacuum cleaner casing. M. S. Park. 135,001; Feb. 9.
- Vacuum tube. W. W. Eitel and J. A. McCullough. 135,307-13; Mar. 23.
- Valve. L. E. Smith. 135,825; June 15.
- Valve and operating attachment, Combined. W. T. Caldwell. 136,882; Dec. 21.
- Valve, Radiator. C. B. Stone. 135,732; May 25.
- Vase. E. E. Larson. 136,931; Dec. 28.
- Vase or similar vessel. I. G. Marshall. 136,475; Oct. 12.
- Vehicle. D. G. Roos. 136,819; Dec. 7.
- Vehicle. E. L. Schofield. 135,392; Mar. 30.
- Vehicle body. A. Mortimer. 134,944; Feb. 2.
- Vehicle, Child's. F. Williams. 135,883; June 29.
- Vehicle, Coaster. F. Williams. 135,884; June 29.
- Vehicle, Juvenile. W. I. Smith. 135,673; May 11.
- Vehicle, Juvenile. W. I. Smith. 136,894; Dec. 21.
- Velocipede frame member. W. I. Smith. 134,815-16; Jan. 19.
- Vending machine contents display panel. W. B. Green. 134,926; Feb. 2.
- Ventilator. H. D. Murray. 136,467; Oct. 12.
- Ventilator or the like. R. W. Rowland. 135,039-40; Feb. 16.
- Vest or similar article. B. Chalk. 136,300; Sept. 7.
- Vest or similar article. B. Chalk. 136,460; Oct. 12.
- Vulcan. M. Little. 135,692; May 18.
- Visor. W. B. Breuner. 135,081; Feb. 23.
- Visor and shield, Combined sun. I. P. Schmid. 136,048; July 27.
- Walker and stroller, Combination baby. C. F. Van Sloten. 136,530; Oct. 19.

Walker and tray, Combined. L. W. Simms. 136,745; Nov. 30.
 Wallet. H. P. Behrman. 134,730; Jan. 5.
 Wallet. H. P. Behrman. 134,937; Feb. 2.
 Wallet. M. Ladenburger. 134,906; Jan. 26.
 Wallet and dog tag holder, Combined pendant. H. J. Lyon. 136,753; Nov. 30.
 Wallet, cosmetic container, and change purse, Combination. R. B. Bach. 135,980; July 13.
 Wallet, cosmetic container, change purse, and transparent pocket, Combination. R. B. Bach. 135,981; July 13.
 Wall paper border or similar article. W. Burton. 136,426-32; Oct. 5.
 Wallpaper border or similar article. W. Burton. 136,542-6; Oct. 26.
 Wallpaper border or similar article. W. Burton. 136,573; Oct. 26.
 Washer and wringer drive housing, Combined. M. M. Jackson. 136,410; Sept. 28.
 Washing basin or similar article. Head. M. Pientkewicz. 135,579; Apr. 27.
 Washing machine for dishes and glasses. L. Palmieri. 135,250; Mar. 16.
 Washing machine or similar article. E. L. Miller. 136,552; Oct. 26.

Watch charm or similar articles. O. S. Hull. Jr. 136,693; Nov. 23.
 Water still. W. Van Guilder. 135,202; Mar. 9.
 Weapon. Arm. B. J. Cosneck. 136,910; Dec. 28.
 Weather indicating device. C. Casey. 136,108; Aug. 3.
 Weather strip. F. F. Bell. 134,792; Jan. 12.
 Weeder head. E. P. Sokols. 135,210; Mar. 9.
 Welding apparatus, Electric. A. W. Baird. 136,121-2; Aug. 10.
 Welding electrode extruder covering machine. C. J. Holslag. 135,342; Mar. 30.
 Wheel, Airplane control. T. Obszarny and J. J. Rowell. 135,167; Mar. 2.
 Wind vane for bicycles or the like. W. G. Fletcher. 134,813; Jan. 19.
 Workbench. J. Weber. 134,726; Jan. 5.
 Wreath and the like, Christmas. C. S. Price. 135,213; Mar. 9.
 Wreath, Artificial. T. Kirchen. 135,660; May 11.
 Wrench and pliers, Combined. W. R. Payne. 136,188; Aug. 17.
 Wrench or similar article. C. M. Mayo. 135,845; June 22.
 Wrench, Spanner. H. M. Miller. 135,158; Mar. 2.
 Wrist watch and compass and strap therefor, Combination. E. von Burg. 135,635; May 4.
 Xylophone. E. Sas. 134,776; Jan. 12.

LIST OF DISCLAIMERS ARRANGED BY INVENTIONS

Abrasive. Banded. Robert C. Swain. No. 2,215,380; date of patent Sept. 17, 1940; disclaimer filed Mar. 27, 1943; v. 549; p. 379.
 Abrasive disc and method of making the same. Frank Osborn Albertson. No. 2,292,261; date of patent Aug. 4, 1942; disclaimer filed Sept. 16, 1943; v. 555; p. 329.
 Age resisting rubber composition. Joseph R. Ingram. No. 2,285,032; date of patent June 2, 1942; disclaimer filed Mar. 27, 1943; v. 550; p. 10.
 Air refrigerating and circulating facilities. Edward A. Sweeney and Norman T. Anderson. No. 2,305,645; date of patent Dec. 22, 1942; disclaimer filed July 21, 1943; v. 553; p. 173.
 Alkylation. Ernest W. Thiele and Robert C. Guinness. No. 2,246,703; date of patent June 24, 1941; disclaimer filed Dec. 26, 1942; v. 547; p. 184.
 Alkylation process. Allie A. O'Reilly and Robert H. Work. No. 2,315,129; date of patent Mar. 30, 1943; disclaimer filed Oct. 8, 1943; v. 556; p. 169.
 Alternating current rectifiers. Manufacture of Leslie Ernest Thompson and Alexander Jenkins. No. 2,268,922; date of patent Dec. 23, 1941; disclaimer filed Dec. 30, 1942; v. 547; p. 5.
 Ammunition for firearms. Fixed. Louis I. Driggs and Henry B. Fisher. No. 1,712,383; date of patent May 7, 1929; disclaimer filed Dec. 3, 1942; v. 546; p. 211.
 Apparatus for cutting metal. James F. Franzen. No. 2,269,526; date of patent Jan. 13, 1942; disclaimer filed July 31, 1943; v. 553; p. 568.
 Apparatus for removing liquid from tires. Clarence E. Snyder. No. 2,222,045; date of patent Nov. 19, 1940; disclaimer filed June 14, 1943; v. 552; p. 1.
 Bag closing machine. Holmer Anderson. No. 1,772,824; date of patent Aug. 12, 1926; disclaimer filed May 17, 1943; v. 551; p. 369.
 Bearing construction. I. vis R. Heim. Nos. 1,943,864 and 2,080,609; date of patents Jan. 16, 1934 and May 18, 1937; disclaimers filed Sept. 3, 1943; v. 551; p. 551.
 Blade. Robert M. Schroeder. No. 2,293,768; date of patent Aug. 25, 1942; disclaimer filed June 4, 1943; v. 551; p. 727.
 Boring machine and the like. John S. Barnes and Paul R. Guiri. No. 2,020,863; date of patent Nov. 12, 1935; disclaimer filed Sept. 24, 1943; v. 556; p. 169.
 Brake apparatus for vehicles. Joseph C. McNamee. No. 2,252,940; date of patent Aug. 19, 1941; disclaimer filed May 29, 1943; v. 551; p. 369.
 Brake mechanism. Hand. Richard W. Burnett. No. 1,951,651; date of patent Sept. 15, 1933; disclaimer filed Apr. 12, 1943; v. 550; p. 562.
 Brake. Railway hand. Richard W. Burnett. No. 1,879,971; date of patent Sept. 27, 1932; disclaimer filed Apr. 12, 1943; v. 550; p. 562.
 Building construction. Richard T. McGee. No. 2,216,319; date of patent Oct. 1, 1940; disclaimers filed June 14, 1943 and Aug. 6, 1943; v. 552; p. 1, and v. 553; p. 757.
 Carburetor. Pressure fed. Milton E. Chandler. No. 2,221,472; date of patent Dec. 10, 1940; disclaimer filed June 24, 1943; v. 552; p. 185.
 Catalytic process. Edward L. Reeves. No. 2,317,803; date of patent Apr. 27, 1943; disclaimer filed Oct. 6, 1943; v. 556; p. 6.
 Circuit breaker. Elmer H. Taylor. No. 2,160,236; date of patent May 30, 1939; disclaimer filed Nov. 1, 1943; v. 556; p. 709.

Circuit breaker. Automatic. Joseph Sachs. No. 2,094,963; date of patent Oct. 5, 1937; disclaimer filed Apr. 12, 1943; v. 550; p. 10.
 Circuit interrupter. James M. Wallace. No. 2,259,946; date of patent Oct. 21, 1941; disclaimer filed Mar. 5, 1943; v. 548; p. 763.
 Coding and decoding machine. Austin R. Noll. Nos. 2,116,732, 2,116,733, and 2,116,731; date of patents May 10, 1938; disclaimer filed Feb. 24, 1943; v. 548; pp. 411 and 595.
 Coil supporting arbor. Ira C. Karp and Henry Witt Campbell. No. 2,278,109; date of patent Mar. 31, 1942; disclaimer filed July 8, 1943; v. 552; p. 557.
 Concrete molding machine. Louis Goldman. No. 1,867,144; date of patent July 12, 1932; disclaimer filed Dec. 4, 1943; v. 557; p. 581.
 Condenser analyzer. John H. Fisher. No. 2,271,292; date of patent Jan. 27, 1942; disclaimer filed Feb. 5, 1943; v. 548; p. 1.
 Container. Cecil J. Parker. No. 1,899,821; date of patent Feb. 28, 1933; disclaimer filed Apr. 21, 1943; v. 550; p. 380.
 Control apparatus. Estel C. Raney. No. 2,304,019; date of patent Dec. 1, 1942; disclaimer filed Sept. 17, 1943; v. 555; p. 329.
 Control device. Alexandre Desfachelles. No. 2,224,596; date of patent Dec. 10, 1940; disclaimer filed June 23, 1943; v. 552; p. 185.
 Control system for carrier-wave signal receivers. Automatic. Robert L. Freeman. No. 2,261,800; date of patent Nov. 4, 1941; disclaimer filed Sept. 2, 1943; v. 554; p. 543.
 Conveying apparatus. William R. Boyer. No. 2,268,693; date of patent Jan. 6, 1941; disclaimer filed June 17, 1943; v. 552; p. 185.
 Cracking system, Catalytic. Vanderveer Voorhees. No. 2,239,891; date of patent Apr. 29, 1941; disclaimer filed Aug. 9, 1943; v. 554; p. 1.
 Cup forming machine with stacking. Rudolph Holman. No. 1,594,617; date of patent Aug. 3, 1926; disclaimer filed Jan. 18, 1943; v. 547; p. 397.
 Drum for railway car hand brakes. Winding. Richard W. Burnett. No. 1,911,057; date of patent May 23, 1933; disclaimer filed Apr. 12, 1943; v. 550; p. 562.
 Electrical distribution system. William H. Frank. No. 2,059,988; date of Patent Nov. 3, 1936; disclaimer filed Mar. 15, 1943; v. 549; p. 1.
 Electrical distribution system. William H. Frank and Joseph W. Harper. No. 2,041,675; date of patent May 19, 1936; disclaimer filed Mar. 15, 1943; v. 549; p. 1.
 Enamel opacifier. Vitreous. Robert J. Whitwell. No. 2,252,588; date of patent Aug. 12, 1941; disclaimer filed Apr. 17, 1943; v. 550; p. 380.
 Ester of hydrogenated polymerized rosin and method of making the same. Robert C. Palmer. No. 2,300,433; date of patent Nov. 3, 1942; disclaimer filed Aug. 5, 1943; v. 553; p. 757.
 Exploration of geological strata. Electrical. Ernest E. Blondeau. No. 2,310,611; date of patent Feb. 9, 1943; disclaimer filed Nov. 24, 1943; v. 557; p. 422.
 Fabric and method of and apparatus for treating the same. John Douglas Robertson and William G. Staples. No. 2,110,118; date of patent Mar. 1, 1938; disclaimer filed Sept. 3, 1943; v. 554; p. 531.
 Fastener device. George H. Hufferd. No. 2,317,132; date of patent Jan. 5, 1943; disclaimer filed Oct. 4, 1943; v. 556; p. 169.

- Phonons tube. Albert E. Foster. No. 2,261,985; date of patent Nov. 11, 1941; disclaimer filed May 11, 1943; v. 554; p. 10.
- Printing gas dispensing systems. Combination. Loyd J. Wiley. No. 2,129,675; date of patent June 21, 1938; disclaimer filed May 6, 1943; v. 551; p. 10.
- Flame hardening. John J. Crowe. No. 2,282,942; date of patent May 12, 1942; disclaimer filed June 18, 1943; v. 552; p. 18.
- Flame hardening process and apparatus. Robert Baxter Mitchell. No. 2,282,670; date of patent May 12, 1942; disclaimer filed July 26, 1943; v. 553; p. 568.
- Fluid controlling means. Ernest J. Svenson. No. 1,986,802; date of patent Jan. 8, 1935; disclaimer filed Sept. 24, 1943; v. 550; p. 6.
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